APPENDIX A

BIOLOGICAL EVALUATION OF POTENTIAL EFFECTS FROM THE PROPOSED CHANGES TO THE IMPLEMENTATION OF THE PROGRAM OF INSTRUCTION (POI) FOR THE ARMY RECONNAISSANCE COURSE (ARC) TRAINING

(Excluding enclosures)

DEPARTMENT OF THE ARMY
US ARMY INSTALLATION MANAGEMENT COMMAND
ATLANTIC REGION
HEADQUARTERS, UNITED STATES ARMY GARRISON
1 KARKER STREET, BUILDING 4, SUITE 5900
FORT BENNING, GEORGIA 31905-4500

REPLY TO
ATTENTION OF

28 OCT 2011

Conservation Branch

Sandy Tucker, Field Supervisor
U.S. Fish and Wildlife Service
West Park Center
105 West Park Drive, Suite D
Athens, GA 30605

Dear Ms. Tucker:

In reference to USFWS Log Number 2009-FA-0118, please see the attached Biological Evaluation of Potential Effects from the Proposed Changes to the Program of Instruction for the Army Reconnaissance Course Training and additional information that is provided at your request. If you have any further questions, please contact Tim Marston (706) 544-7069 or Michael Barron (706) 544-7080.

Sincerely,

John J. Brent
Chief, Environmental Management Division

Enclosures

BIOLOGICAL EVALUATION OF POTENTIAL EFFECTS FROM THE PROPOSED CHANGES TO THE PROGRAM OF INSTRUCTION (POI) FOR THE ARMY RECONNAISSANCE COURSE (ARC) TRAINING

PROJECT# 69743

FORT BENNING, GEORGIA

28 OCTOBER 2011

1.0 INTRODUCTION

The purpose of this Biological Evaluation (BE) is to review the potential impacts of the proposed change to the Program of Instruction (POI) for the Army Reconnaissance Course (ARC) (PN 69743) at Fort Benning, Georgia to determine if the proposed action may adversely affect Federally-listed species.

The proposed change in the POI will redefine the limits and activities associated with the ARC. These changes will expand the area used for training as defined in the MCoE BA, but will also reduce the number and type of vehicles used as well as reducing the number of days spent conducting field training. Please refer to Enclosure 1 for a description of the proposed ARC training. This revision is necessary because of the need to have multiple areas in which to train. Due to the large demand for training lands and various surface danger zones, ARC cannot consistently reserve certain areas/roads for this training. Expanding the training to other areas will add flexibility to the training schedule and allow the school to vary its training based on available land. However, the ARC training will not occur in all of the expanded area every time the training occurs.

This BE will determine if the proposed change in the ARC POI was sufficiently analyzed in the 5 November 2008 Maneuver Center of Excellence Biological Assessment (MCOE BA) (U.S. Army Corps of Engineers) (USACE, 2008) and Final MCOE BA Addendum (USACE, 2009) on which the U.S. Fish and Wildlife Service (USFWS) rendered a Biological Opinion (2009-FA-0118) on 29 May 2009 for MCOE military actions and its effect on federally listed species (USFWS 2009).

This evaluation was prepared by the Environmental Management Division, Directorate of Public Works, in coordination with N Troop, 3-16th Cavalry Regiment, Fort Benning, Georgia.

2. BACKGROUND/ BASELINE MISSION AND OPERATIONS

Background and baseline mission and operations are detailed in the MCOE BA (USACE, 2008) and Final MCOE BA Addendum (USACE, 2009) on which the USFWS rendered a Biological Opinion (2009-FA-0118) on 29 May 2009 for MCOE military actions and its effect on federally listed species (USFWS 2009).

3. ENVIRONMENTAL BASELINE

The Environmental Baseline of Fort Benning is detailed in the MCOE BA (USACE, 2008) and Final MCOE BA Addendum (USACE, 2009) on which the USFWS rendered a Biological Opinion (2009-FA-0118) on 29 May 2009 for MCOE military actions and its effect on federally listed species (USFWS 2009).

4. DESCRIPTION OF THE PROPOSED ACTION

Fort Benning is proposing to modify ARC training on Fort Benning to reduce the number of vehicles and the number of days spent in the field as described below. Tracked vehicles have been eliminated from the training and the proposed area to be used has increased. Enclosure 1 describes the new training scenarios as well as depicting the expanded area proposed for use.

5. STATUS OF SPECIES/CRITICAL HABITAT

The Status of Species and Critical Habitat occurring on Fort Benning are detailed in the MCOE BA (USACE, 2008) and Final MCOE BA Addendum (USACE, 2009) on which the USFWS rendered a Biological Opinion (2009-FA-0118) on 29 May 2009 for MCOE military actions and its effect on federally listed species (USFWS 2009).

6. ENVIRONMENTAL BASELINE

The Environmental Baseline of Fort Benning are detailed in the MCOE BA (USACE, 2008) and Final MCOE BA Addendum (USACE, 2009) on which the USFWS rendered a Biological Opinion (2009-FA-0118) on 29 May 2009 for MCOE military actions and its effect on federally listed species (USFWS 2009).

7. EFFECTS OF THE ACTION

a. FACTORS TO BE CONSIDERED

See Enclosure 1

b. Analysis for Effects of the Action

The MCOE BA (USACE, 2008) and Final MCOE BA Addendum (USACE, 2009) on which the USFWS rendered a Biological Opinion (2009-FA-0118) on 29 May 2009 for MCOE military actions and its effect on federally listed species (USFWS 2009) details the analysis for effects of the action. However, the impacts of changing the POI of the ARC will significantly reduce the number of vehicles from a total of 46 wheeled vehicles (Strykers and HMVVs) to 16-18 wheeled vehicles of the same type, eliminate the use of tracked vehicles, and significantly decreases the number of days in the field from 110 to 40.

c. Species Response to the Proposed Action

i. Gopher Tortoise (*Gopherus polyphemus*) (federal candidate)

The gopher tortoise has recently been named as a candidate species for listing as endangered by the U.S. Fish and Wildlife Service. All gopher tortoise burrows within the

ARC training area will be marked by Conservation Branch personnel. The following restrictions will be observed by all units while training in areas with gopher tortoises, per Army gopher tortoise guidelines and MCoE Regulation 350-19 page 14 section 5-17 paragraph d. Vehicular traffic must be avoided within 50 feet of each burrow. No digging within 50 feet of any burrow will be allowed. No bivouac activity within a colony site (colony = 3 or more active adult burrows within 100 meter radius). Areas with heavy bivouac use should be situated 300 meters from colony boundary. Gopher tortoises located within the original ARC training area (three fingers) have been relocated (Enclosure 1, Slide 29).

ii. Georgia rockcress (*Arabis Georgiana*) (federal candidate)

This candidate species occurs on Fort Benning along the banks of the Chattahoochee River. The plant occurs on both the Alabama side and the Georgia side of the river. It grows in areas where the bank is sluffing off into the river. These steep banks are the only places on the installation where Georgia rockcress is found. Training in these areas will only be dismounted training. It is highly unlikely that any adverse effects will occur in these areas. Trainers will be briefed by the T&E Coordinator as to the locations of these sensitive areas prior to training events (Enclosure 1, Slide 30).

iii. Uchee Creek (critical habitat)

Much of the ARC training footprint occurs within the watershed of Uchee Creek (figure x). Uchee Creek has been deemed by the U.S. Fish and Wildlife Service as critical habitat for the Shinyrayed pocketbook Mussel (*Lampsilis subangulata*) an endangered species. As such it is subject to the terms of the Endangered Species Act of 1973. This training event shall not allow for any sediment to enter into Uchee Creek or alter the run off characteristics of the watershed. The limit of the designated critical habitat is the ordinary high water mark of each creek bank. Special precautions should be made to protect the riparian areas of the creek. Trainers should use caution and good judgment while conducting training exercises to protect these areas. Commanders will not allow any vehicles, equipment, debris, or sedimentation to enter into or within the high water mark of Uchee Creek (Enclosure 1, Slide 31). The areas designated as critical habitat are unlikely to be disturbed by dismounted types of training that will occur within the Blackjack Phase 1 area.

iv. Wood Stork (Endangered)

The Wood Stork is an federally endangered species which occurs on Fort Benning. It is a transient species on the installation. It uses the backwater area of the Chattahoochee River and other bodies of water on the installation during the summer months as feeding areas. Wood storks normally arrive at Fort Benning in July and may stay here until September at which time they migrate south for the winter. Wood storks spend all of

their time on the installation in wetland type areas and are unlikely to be disturbed by dismounted types of training that will occur within the Blackjack Phase 1 area. (Enclosure 1, Slide 31).

v. Red-cockaded Woodpecker (Endangered)

RCW Cluster BB01-A: There is one small trail that leads into this cluster that will be marked as a trail that is not for use by the ARC. No other trails are within 200 feet of this cluster (Enclosure 1, Slide 21). No impact.

RCW Cluster BB08-A: This cluster has incidental take for the construction actions in the BRAC BO but not for this action. There is one trail that goes through the cluster that will be marked as a trail that is not for use by the ARC. There are 2 major trails that come within 200 feet of RCW trees (Enclosure 1, Slide 22). This cluster has the potential to experience harassment due to a Low level of traffic increase, as defined by the *Protocol for Monitoring Project Related Traffic Disturbance to Red-cockaded Woodpeckers During the Nesting Season*. If any of these trees are used as the nest tree, they will be monitored during the breeding season according to this Protocol (Enclosure 2).

RCW Cluster BB10-A: There is one small trail that leads into this cluster that will be marked as a trail that is not for use by the ARC. No other trails are within 200 feet of this cluster (Enclosure 1, Slide 21). No impact.

RCW Cluster D03-A: There is one small trail that leads into this cluster that will be marked as a trail that is not for use by the ARC. No other trails are within 200 feet of this cluster (Enclosure 1, Slide 28). No impact.

RCW Cluster D04-A: There is one small trail that leads into this cluster that will be marked as a trail that is not for use by the ARC. No other trails are within 200 feet of this cluster (Enclosure 1, Slide 28). No impact.

RCW Cluster D04-B: There are cavity trees within 200 feet of trails that run through this cluster (Enclosure 1, Slide 28). If any of these trees is the nest tree, it will be monitored during the breeding season according to the protocols found in Enclosure 2.

RCW Cluster D04-C: There are cavity trees within 200 feet of trails that run through this cluster (Enclosure 1, Slide 28). This cluster has the potential to experience harassment due to a Low level of traffic increase, as defined by the Protocol for Monitoring Project Related Traffic Disturbance to Red-cockaded Woodpeckers During the Nesting Season. If any of these trees are used as the nest tree, they will be monitored during the breeding season according to the protocols in Enclosure 2.

RCW Cluster D06-A: There are cavity trees within 200 feet of trails that run through this cluster (Enclosure 1, Slide 28). This cluster has the potential to experience harassment due to a Low level of traffic increase. If any of these trees is the nest tree, it will be monitored during the breeding season according to the protocols found in Enclosure 2.

RCW Cluster D06-B: There is one small trail that leads into this cluster that will be marked as a trail that is not for use by the ARC. No other trails are within 200 feet of this cluster (Enclosure 1, Slide 28). No impact.

RCW Cluster D07-A: There are cavity trees within 200 feet of trails that run through this cluster (Enclosure 1, Slide 28). This cluster has the potential to experience harassment due to a Low level of traffic increase, as defined by the Protocol for Monitoring Project Related Traffic Disturbance to Red-cockaded Woodpeckers During the Nesting Season. If any of these trees are used as the nest tree, they will be monitored during the breeding season according to the protocols in Enclosure 2.

RCW Cluster D07-B: There are cavity trees within 200 feet of trails that run through this cluster (Enclosure 1, Slide 28). This cluster has the potential to experience harassment due to a Low level of traffic increase, as defined by the Protocol for Monitoring Project Related Traffic Disturbance to Red-cockaded Woodpeckers During the Nesting Season. If any of these trees are used as the nest tree, they will be monitored during the breeding season according to the protocols in Enclosure 2.

RCW Cluster D09-A: There are cavity trees within 200 feet of trails that run through this cluster (Enclosure 1, Slide 27). This cluster has the potential to experience harassment due to a Low level of traffic increase, as defined by the Protocol for Monitoring Project Related Traffic Disturbance to Red-cockaded Woodpeckers During the Nesting Season. If any of these trees are used as the nest tree, they will be monitored during the breeding season according to this the protocols in Enclosure 2.

RCW Cluster D09-B: This cluster is often capture by either D09-A or D09-C. It is currently inactive. There is one trail that leads to this cluster and it will be marked as a trail that is not for use by the ARC (Enclosure 1, Slide 27).

RCW Cluster D09-C: This cluster has incidental take for the ARC action in the MCoE BO. However, there is one small trail that goes through this cluster to access D09-B. This trail will be marked as a trail that is not for use by the ARC (Enclosure 1, Slide 27). No impact.

RCW Cluster D11-A: This cluster has incidental take for the ARC action in the MCoE BO (Enclosure 1, Slide 27).

RCW Cluster D11-B: This cluster has incidental take for the ARC action in the MCoE BO (Enclosure 1, Slide 27).

RCW Cluster D11-C There is one major trail that come within 200 feet of RCW trees (Enclosure 1, Slide 27). This cluster has the potential to experience harassment due to a Low level of traffic increase, as defined by the Protocol for Monitoring Project Related Traffic Disturbance to Red-cockaded Woodpeckers During the Nesting Season. If any of these trees are used as the nest tree, they will be monitored during the breeding season according to the protocols in Enclosure 2.

RCW Cluster D11-D There is one major trail that comes within 200 feet of RCW trees (Enclosure 1, Slide 27). This cluster has the potential to experience harassment due to a

Low level of traffic increase, as defined by the Protocol for Monitoring Project Related Traffic Disturbance to Red-cockaded Woodpeckers During the Nesting Season. If any of these trees are used as the nest tree, they will be monitored during the breeding season according to the protocols in Enclosure 2.

RCW Cluster D12-A: This cluster has incidental take for the ARC action in the MCoE BO (Enclosure 1, Slide 27).

RCW Cluster D13-A: This cluster has incidental take for group analysis in the MCoE BO. There are cavity trees within 200 feet of trails in this cluster (Enclosure 1, Slide 27). This trail will be marked as not for use by ARC. No impact.

RCW Cluster D14-A: There are cavity trees within 200 feet of a trail that leads to this cluster. This trail will be marked as not for use by the ARC (Enclosure 1, Slide 27). No impact.

RCW Cluster D14-B: This cluster has incidental take for the ARC action in the MCoE BO. However, the trail that leads to this cluster will be marked as not for use by the ARC (Enclosure 1, Slide 27). No additional impact.

RCW Cluster D15-A: This cluster has incidental take for the ARC action in the MCoE BO (Enclosure 1, Slide 27).

RCW Cluster D19-A: This cluster has incidental take for the ARC action in the MCoE BO (Enclosure 1, Slide 27).

RCW Cluster E04-A: There is one small trail that leads into this cluster that will be marked as a trail that is not for use by the ARC. No other trails are within 200 feet of this cluster (Enclosure 1, Slide 26). No impact.

RCW Cluster E05-A: There are no trails within 200 feet of this cluster therefore there is no effect from this action (Enclosure 1, Slide 26). No impact.

RCW Cluster E05-B: There is one major trail that comes within 200 feet of RCW trees (Enclosure 1, Slide 26). This cluster has the potential to experience harassment due to a Low level of traffic increase, as defined by the Protocol for Monitoring Project Related Traffic Disturbance to Red-cockaded Woodpeckers During the Nesting Season. If any of these trees are used as the nest tree, they will be monitored during the breeding season according to this the protocols in Enclosure 2.

RCW Cluster E06-A: This cluster has incidental take for the ARC action in the MCoE BO (Enclosure 1, Slide 18).

RCW Cluster E07-A: There is one small trail that leads into this cluster that will be marked as a trail that is not for use by the ARC. No other trails are within 200 feet of this cluster (Enclosure 1, Slide 26). No impact.

RCW Cluster E09-A: There is one small trail that leads into this cluster that will be marked as a trail that is not for use by the ARC. There is one major trail that comes within 200 feet of a cavity tree (Enclosure 1, Slide 25). This cluster has the potential to

experience harassment due to a Low level of traffic increase, as defined by the Protocol for Monitoring Project Related Traffic Disturbance to Red-cockaded Woodpeckers During the Nesting Season. If any of these trees are used as the nest tree, they will be monitored during the breeding season according to the protocols in Enclosure 2.

RCW Cluster E09-B: There is one major trail that comes within 200 feet of a cavity tree (Enclosure 1, Slide 25). This cluster has the potential to experience harassment due to a Low level of traffic increase, as defined by the Protocol for Monitoring Project Related Traffic Disturbance to Red-cockaded Woodpeckers During the Nesting Season. If any of these trees are used as the nest tree, they will be monitored during the breeding season according to the protocols in Enclosure 2.

RCW Cluster E10-A: There is one small trail that leads into this cluster that will be marked as a trail that is not for use by the ARC. This trail also comes within 200 feet of an inactive cavity tree (Enclosure 1, Slide 25). This cluster has the potential to experience harassment due to a Low level of traffic increase, as defined by the Protocol for Monitoring Project Related Traffic Disturbance to Red-cockaded Woodpeckers During the Nesting Season. If this tree is used as the nest tree, it will be monitored during the breeding season according to the protocols in Enclosure 2.

RCW Cluster E11-A: There are no trails within 200 feet of this cluster therefore there is no effect from this action (Enclosure 1, Slide 25). No impact.

RCW Cluster E11-B: There are trails that come within 200 feet of a cavity trees in this cluster (Enclosure 1, Slide 25). This cluster has the potential to experience harassment due to a Low level of traffic increase, as defined by the Protocol for Monitoring Project Related Traffic Disturbance to Red-cockaded Woodpeckers During the Nesting Season. If any of these trees are used as the nest tree, they will be monitored during the breeding season according to the protocols in Enclosure 2.

RCW Cluster F02-A: This cluster is currently inactive and is therefore not being assessed for this action (Enclosure 1, Slide 32).

RCW Cluster F05-A: This cluster has incidental take for the ARC action in the MCoE BO(Enclosure 1, Slide 32).

RCW Cluster R01-A: This cluster currently has incidental take for group analysis in the MCoE BO but was not analyzed for any ARC actions. There is one small trail that leads into this cluster that will be marked as a trail that is not for use by the ARC. No other trails are within 200 feet of this cluster (Enclosure 1, Slide 23). No impact.

RCW Cluster R01-B: This cluster currently has incidental take in the BRAC BO for construction but was not analyzed for any ARC actions. There is one small trail that leads into this cluster that will be marked as a trail that is not for use by the ARC. No other trails are within 200 feet of this cluster (Enclosure 1, Slide 23). No impact.

RCW Cluster R03-A: This cluster currently has incidental take for group analysis in the MCoE BO but was not analyzed for any ARC actions. There are no trails within 200 feet of this cluster therefore there is no effect from this action (Enclosure 1, Slide 23).

RCW Cluster S02-A: There is one small trail that leads into this cluster that will be marked as a trail that is not for use by the ARC. No other trails are within 200 feet of this cluster (Enclosure 1, Slide 24). No impact.

RCW Cluster S02-B: There is one trail that goes through the cluster that will be marked as a trail that is not for use by the ARC. There are 2 major trails that come within 200 feet of RCW trees (Enclosure 1, Slide 24). This cluster has the potential to experience harassment due to a Low level of traffic increase, as defined by the Protocol for Monitoring Project Related Traffic Disturbance to Red-cockaded Woodpeckers During the Nesting Season. If any of these trees are used as the nest tree, they will be monitored during the breeding season according to the protocols in Enclosure 2.

RCW Cluster S04-A: There is one trail that goes through the cluster that will be marked as a trail that is not for use by the ARC. There are 2 major trails that come within 200 feet of RCW trees (Enclosure 1, Slide 24). This cluster has the potential to experience harassment due to a Low level of traffic increase, as defined by the Protocol for Monitoring Project Related Traffic Disturbance to Red-cockaded Woodpeckers During the Nesting Season. If any of these trees are used as the nest tree, they will be monitored during the breeding season according to the protocols in Enclosure 2.

RCW Cluster S04-B: There is one small trail that leads into this cluster that will be marked as a trail that is not for use by the ARC. No other trails are within 200 feet of this cluster (Enclosure 1, Slide 24). No impact.

8. CUMMULATIVE EFFECTS

Cumulative effects are defined in the USFWS Consultation Handbook to "include the effects of future State, tribal, local or private actions that are reasonably certain to occur in the action area" (USFWS and NMFS 1998). Since most future Federal actions will at some point be subject to the Section 7 consultation process, their effects on a particular species will be considered at that time and are not included in the cumulative effects analysis (*Federal Register*, 50 CFR Part 402.02).

There are no known off-Post developments meeting the above-listed criteria that are expected to occur within the Action Area.

9. STANDARD ENVIRONMENTAL PROTOCOLS AND ONGOING CONSERVATION EFFORTS

The ESA requires that the applicant must avoid or minimize impacts as much as possible. Minimization is an action used to minimize impacts to affected individuals in the action area (USFWS and NMFS 1998). The minimization measures described below are to be considered part of the proposed action. The following measures will be taken in order to minimize potential negative effects to RCWs.

a. The ARC will institute minimization measures to ensure the training mission is met in accordance with established environmental rules and regulations (Enclosure 3)
b. Fort Benning will continue all ongoing RCW demographic monitoring.

c. The Installation will monitor RCW clusters within the action area in accordance to the *USFWS Protocol for Monitoring Project Related Traffic Disturbance to Red-cockaded Woodpeckers During the Nesting Season* (Enclosure 2).
d. GPS tracking devices will be deployed on all or most tactical vehicles for the entire duration of at least the first iteration of the Goldeneye and Blackjack operations. This monitoring will be part of the Engineer Research Development Center, Corp of Engineer Research Laboratory's (ERDC/CERL), Department of Defense (DoD) funded, Environmental Security Technology Certification Program's (ESTCP) Vehicular Tracking Study (Enclosure 4).
e. Video and trail camera systems will be deployed at up to 4 RCW sample cluster sites to monitor RCW response for the duration of at least the first Goldeneye and Blackjack exercises. Trail cameras will be used in these sample sites to determine all vehicle use on existing roads and trails.
f. The new POI for the ARC "Blackjack – Phase III" area will be incorporated into the ongoing monitoring efforts for the nondiscretionary MCoE, Heavy Maneuver Effects Monitoring Plan.
g. Collectively, this initial monitoring will assist Fort Benning biologists to make a preliminary analysis of the effects of vehicular disturbance on RCW flush response prior to the breeding season. This monitoring is in addition to the monitoring in (c.) above.l

10. CONCLUSION

Fort Benning concludes that the impacts analyzed in this BE **may affect but are not likely to adversely affect** the RCWs located in the expanded training area, nor will it impede Fort Benning's ability to reach its recovery goal. Fort Benning will continue to retain enough potential RCW habitat to support 351 PBGs or 421 total managed clusters with 150 acres of pine habitat within each foraging partition.

Fort Benning concludes that the impacts analyzed in this BE will have **no affect** on Shinyrayed pocketbook Mussel, or Wood Stork.

We request your review and concurrence with this action. A copy of this BE and enclosures have been provided to the USFWS West Georgia Field Office.

11. REFERENCES

U.S. Army Corps of Engineers. 2008. Biological Assessment for the Proposed Maneuver Center of Excellence Actions at Fort Benning, Georgia. USCE Mobile District, Mobile, AL. 442 pp., plus appendices.

_____. 2009. Final Addendum to the Final Biological Assessment – for the Proposed Maneuver Center of Excellence at Fort Benning, Georgia. USCE Mobile District, Mobile, AL. 260 pp., plus appendices.

_____. 2009b. Final Environmental Impact Statement for Maneuver Center of Excellence at Fort Benning, GA. USCE Mobile District, Mobile, AL.

U.S. Fish and Wildlife Service. 2009. Biological Opinion on the Proposed U.S. Army Maneuver Center of Excellence at Fort Benning, Georgia. 146 pp.

USFWS and National Marine Fisheries Service. 1998. Endangered Species Consultation Handbook, *Procedures for conducting consultation and conference activities under section 7 of the Endangered Species Act.*

APPENDIX B

MODIFICATION OF THE DEFINITION OF RED-COCKADED WOODPECKER NON-CONTIGUOUS HABITAT AT FORT BENNING, GEORGIA

MODIFICATION OF THE DEFINITION OF NONCONTIGUOUS RED-COCKADED WOODPECKER FORAGING HABITAT AT FORT BENNING, GEORGIA

APRIL 2015

The US Fish and Wildlife Service (USFWS) red-cockaded woodpecker (*Picoides borealis*) (RCW) Recovery Plan (USFWS 2003) includes guidelines for quantifying and managing available foraging habitat. When considering habitat contiguity, it is *recommended* for the Managed Stability Standard (MSS) and *required* for the Recovery Standard (RS) that foraging habitat not be separated by >200 feet (ft.) of non-foraging habitat, defined in the Recovery Plan (for the RS) as: 1) any predominantly hardwood forest, 2) pine stands <30 years old, 3) cleared land such as agricultural lands or recent clearcuts, 4) paved roadways, 5) utility rights-of-way and 6) bodies of water. The USFWS RCW Matrix software application (Intergraph 2010), however, classifies stands as "noncontiguous" if they are separated by any stand that is not classified as current "suitable" foraging habitat (Intergraph 2010).

Data from home range follows conducted from 2004-2014 for 11 RCW groups as minimization for a Digital Multi-Purpose Range Complex (DMPRC) were analyzed in order to determine what types of habitat are used by RCWs at Fort Benning. Follows were conducted during the non-breeding season (August-March) and the locations of RCW groups were recorded with a Global Positioning System (GPS) unit every 30 minutes. Movement distance was calculated as the distance between consecutive GPS locations. Using these locations and forestry stand GIS data, Fort Benning biologists produced a GIS dataset of RCW movements over or through non-foraging habitat, as defined below:

- Hardwood-dominated stands
- Brush or scrub-oak stands
- Non-forested stands (such as wildlife food plots and open water)
- Pine-dominated stands <30 yrs old, including clearcuts

The GIS data included a total of 5,049 separate foraging movements across non-foraging habitat when all non-foraging habitat was considered together (e.g., open water would be combined with young longleaf pine plantations). Of these, 1,468 movements were ≥200 ft., which included 859 that were ≥300 ft. (Fort Benning, unpublished data).

After discussions with USFWS and Fort Benning personnel, biologists from Dr. J.H. Carter III and Associates, Inc. (JCA) grouped nonforaging stands into 4 broad categories:

- Hardwood-dominated stands ≥30 years old
- Hardwood-dominated stands <30 years old
- Open or permanently non-forested stands
- Pine stands <30 years old

Overlaying these generalized habitat types with the RCW movement data resulted in 5,698 separate movement lines through non-habitat. Considering the distances traveled across, or through, the generalized habitat types, a notable difference was observed in the number of crossings of non-forested land relative to forested land. Of 2,571 crossings recorded across open or non-forested land, only 6.7 percent (%) totaled ≥200 ft. (Table 1). Comparatively, 40.9% of the 2,740 crossings through hardwood-dominated stands ≥30 years old were ≥200 ft. in length. Pine stands <30 years old also did not appear to be a barrier in the RCW movement data, with 40.8% of observed movements being ≥200 ft. Of 16 observed movements through hardwood-dominated stands <30 years old, 56.3% were ≥200 ft. long.

Table 1. Distances traveled by red-cockaded woodpeckers (RCW) through non-foraging habitat based on observations between 2004 and 2014, Fort Benning, Georgia.

Type of habitat (General)	Total # RCW movements through non-habitat	0-200 ft.		200-300 ft.		300 ft. +	
		#	% of all movements	#	% of all movements	#	% of all movements
Hwds >= 30 yrs	2740	1619	59.1%	478	17.4%	643	23.5%
Hwds <30 yrs	16	7	43.8%	6	37.5%	3	18.8%
Open	2571	2398	93.3%	85	3.3%	88	3.4%
Pine <30 yrs	371	220	59.3%	64	17.3%	87	23.5%

No changes are proposed to the 200 ft. contiguity rule for open/non-forested areas. Such areas consist of several types of habitats: unforested ranges, permanently denuded maneuver areas, treeless cantonment/developed areas, parking lots, wildlife food plots and roads and associated rights-of-way. Non-forested habitats present not only a potential physical barrier to

RCWs, but also a variety of hazards known to increase the likelihood of mortality of birds that try to cross such areas. Hazards include moving vehicles, impacts by munitions, aerial predation by hawks or other birds of prey and collision with aerial utility lines, antennae, towers or windows.

The RCW movement data provide support for extending the maximum distance allowed between foraging stands when separated by forested areas, particularly stands at least 30 years of age.

Upon further discussion with Fort Benning and USFWS biologists, pine stands <30 years old were subdivided into <15 years old and ≥15 years old. This cutoff age was chosen by considering the average height and dbh of longleaf pines at 15 years of age; saplings less than 15 years old could be too small to be used for foraging or perching, particularly on sites with a low site index. Pine stands <15 years old could therefore be treated by foraging RCWs as open areas, whereas pine stands ≥15 years old are generally large enough to be used for foraging and perching.

Although the data also support extending the maximum width of hardwood-dominated stands <30 years old, this category is proposed to remain at 200 ft. There was a small sample of (approximately 6 acres) of this type of habitat in the DMPRC study area and the habitat that was present was likely to have been burned with more regularity (and therefore more likely to be utilized by foraging RCWs) than hardwood-dominated stands in other areas on the Installation. This habitat category has the greatest risk of having dense midstory and/or vine layers, a condition which would make it likely to be avoided by RCWs.

The noncontiguous habitat thresholds proposed herein are defined as:

- Foraging habitat separated by ≥200 feet (ft.) of permanently non-forested areas (i.e., bodies of water, roads, agricultural fields, drop zones, ranges, rights-of-way).
- Foraging habitat separated by ≥300 ft. of forested non-foraging habitat ≥30 years old (hardwood, hardwood-pine stands).
- Foraging habitat separated by ≥200 ft. of forested non-foraging habitat <30 years old (hardwood; hardwood-pine stands).

- Foraging habitat separated by pine plantation/ regeneration ≥200 ft. and <15 years old.
- Foraging habitat separated by pine plantation/ regeneration ≥300 ft. and ≥15 years old.

Pine-dominated stands ≥30 years old with a pine BA ≥20 $ft.^2$ in stems ≥10 in. dbh are not considered to be contiguity barriers regardless of width, a precedent set in the MCoE Supplemental Biological Assessment (JCA 2010) and continued in subsequent Biological Assessments. Pine stands ≥30 years old with a pine BA <20 ft^2 in stems ≥10 in. dbh would be subject to the 300 ft. contiguity threshold.

REFERENCES CITED

Dr. J.H. Carter III and Associates, Inc. 2010. Supplemental Biological Assessment for Maneuver Center of Excellence Actions at Fort Benning, Georgia. 72 pp. plus appendices.

Intergraph. 2010. USFWS RCW Foraging Habitat Matrix software.

U.S. Fish and Wildlife Service. 2003. Recovery plan for the red-cockaded woodpecker (*Picoides borealis*): second revision. USFWS, Atlanta, GA. 296 pp.

APPENDIX C

FY 2012-14 ANNUAL REPORTS
FOR VEHICLE TRACKING AND ANALYSIS
AT FORT BENNING

US ARMY CORPS OF ENGINEERS

ENGINEER RESEARCH DEVELOPMENT CENTER (ERDC)

CONSTRUCTION ENGINEERING RESEARCH LABORATORY (CERL)

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Vehicle Tracking and Analysis at the Fort Benning to Support RCW Response to Military Training Studies: FY 12 Yearly Data Summary

Objectives:

The purpose of this project is to track and analyze vehicle movement of the Armor School and other heavy maneuver training. These results will be used to provide quantified vehicle movement patterns to an existing Heavy Maneuver Effects Monitoring Program. This document summarizes the data collected during FY 12 under this project. It defines the data and assumptions required for the analyses. A description of the data and events collected with the vehicle tracking units is also given. Finally, summary tables and maps of the data are provided. These data along with more detailed and comprehensive summary maps were provided to the project sponsor in addition to this FY 12 Yearly Data Summary.

Input Data Requirements:

- Raw Vehicle Tracking Data (VDM and VTS)
- Fort Benning Roads Layer from Tim Marston (milops_road_centerline.shp)
- Fort Benning RCW tree point files (broken into active tree, nest trees, and all trees) (ARC_TA_RCW_TREE_ACT.shp, ARC_TA_RCW_TREE_NEST.shp, ARC_TA_RCW_TREE_ALL.shp)
- Fort Benning ARC Training Area Layer compiled from discussions with Tim Marston (includes ARC training areas and 80 m buffer around roads connecting ARC training areas) (ARC_DJK_Combined_OK.shp)
- Layer of Benning Parking lots (for improved off-road estimation) (DJK_Benning_Parkinglot.shp)

Assumptions:

- A 20 buffer (on either side of road) was used to determine off-road travel. This accounts for errors in the roads layer and GPS tracking point. Previous work has determined this buffer as the most accurate in estimating the extent of off-road training.
- The Fort Benning ARC Training Area layer was assumed to be the extent of the area set aside for training. This layer incorporates the ARC training areas (+ a 20 m buffer in the case that a road skirts the boundary of the layer), cantonment, and the major roads linking the training areas to cantonment.
- The values reported are only for *moving* training data. The VDM units shut down when the units are stationary. Non-zero velocity VTS data is filtered out. If a vehicle was stationary on the side of a road or in proximity to an RCW tree, this non-moving data would not contribute to the time spent on road or near an RCW tree.

Process Steps:

1) Preprocessed Vehicle Dynamics Monitor (VDM - tan vehicle tracking unit) and Vehicle Tracking System (VTS - grey vehicle tracking unit) collected data into standard text file. This data is collected in one-second intervals.
2) Calculated vehicle dynamic properties (for removal of non-moving data)

3) Imported text file with calculated values into ArcGIS 10 as a point shapefile (one shapefile for every vehicle tracked).
4) Projected the shapefile to WGS_1984_UTM_Zone_16N
5) Determined the distance from every collected data point from the nearest documented RCW tree, active RCW trees, and nest RCW tree.
6) Fort Benning Environmental is concerned with military training inside a 200 m buffer around every RCW nest tree. All collected data points less than 200 m from a RCW nest tree (and "all" and active) were copied onto a separate shapefile.
7) Calculated the percent of data on and off-road using the Fort Benning Roads Layer. A 20 m buffer is placed around the roads layer to account for inaccuracies both in the vehicle tracking data and the road layer. Additionally, a layer outlining Fort Benning's parking lots and motor pools was used to remove "off-road" data that truly was not off-road in nature. The percent time off road is calculated by dividing the number of points off road by the total number of points collected (the sampling interval is a constant 1 second).
8) A similar process was utilized to determine all training data outside of the training areas approved for the Armor School ARC training and roads linking these training areas. This data was copied into a separate shapefile and the percent of data outside of these areas was calculated.
9) Data was summarized into vector shapefiles and an excel spreadsheet by vehicle, by event, by breeding season (Mar 29, 2012 – end of June), and across all events.
10) Summary maps were created to allow for easy understanding of training patterns and training area usage. Additional maps were created that identify specific training near RCW clusters.

Data Collected:

Table 1: Description of Training Events Collected

Class #	Phase II Start Date	Phase III Start Date	# Vehicles tracked in Phase II	# Vehicles tracked in Phase III
1	10/31/2011	11/9/2011	19	22
2	12/2/2011	12/7/2011	17	15
3	1/20/2012	1/27/2012	18	16
4	2/28/2012	3/5/2012	18	12
5	3/29/2012	4/11/2012	10	8
6	5/3/2012	5/10/2012	13	12
7	6/1/2012	Did not replace units between events	9	9

SUMMARIZING DATA BY EVENT or ACROSS MULTIPLE EVENTS

1) For FY12 Data I created Event_Summary files for each event including the following shapefiles (*Note: all Event Summary files described below were summarized by vehicle for each event)*
    a. Points within 100 ft of Active RCW Trees (Benning_EventDate_ACT100ft.shp)
    b. Points within 100 ft of All documented RCW Trees (Benning_EventDate_ALL100ft.shp)

c. Points within 100 ft of RCW Nest Trees (Benning_EventDate_NEST100ft.shp)
d. Points between 100-200 ft of Active RCW Trees (Benning_EventDate_ACT200ft.shp)
e. Points between 100-200 ft of All documented RCW Trees (Benning_EventDate_ALL200ft.shp)
f. Points between 100-200 ft of RCW Nest Trees (Benning_EventDate_NEST200ft.shp)
g. Polyline vector file of ALL tracking data from Event (Tim wanted polylines so he could quickly assess where vehicles went without bogging down computer with large point vector files). (Benning_EventDate_All_Data_lines.shp)
h. A single point vector file of ALL tracking data for Event (Benning_EventDate_All_Data_points.shp)
i. A single point vector file of all OFF-ROAD data for Event (Benning_EventDate_OffRoad_points.shp)
j. A single point vector file of all training data outside of the approved Training Area for event (Benning_EventDate_OutsideTA_points).

2) The ArcToolBox Merge function (Data Management Tools->General->Merge) was used to merge all of the vehicle specific vector files for each analysis into a single Event Summary vector file. *Note: Right click the Merge tool to run in batch mode (i.e., create more than one of the summary files a-j in a single run).*
3) For FY12 Data I also created summary files for All_Data (from all seven events) and for Breeding Season (29Mar, 3 May, and 1 June events) using the same methods described in Step 2. *Note: Naming conventions were maintained from Step 1 replacing EventDate with 2011to2012 and FY12BreedingSeason respectively.*

Data Summary:

Using the processes described above and in the Project Management Plan (PMP), the seven Armor School Army Reconnaissance Course (ARC) classes were monitored with vehicle tracking units. These events generally consisted of ten to fifteen M1025 (HMMWV) vehicles and four M1127 (Stryker RV) vehicles. While the course consisted of three major phases, only the second and third phases were tracked as the first phase consisted only of dismounted reconnaissance training. The second and third phases consisted of mounted/dismounted exercises culminating in a zone reconnaissance and security exercise. Figure 1 illustrates all of the data collected during these seven training events.

The collected data from these events was compiled into summary tables (Tables 2-4) and maps. Examples and the main findings are summarized in this document. However, a more comprehensive set of maps were provided to the project sponsor along with all processed vehicle tracking GIS shapefiles. A total of 165 (1100.11 hrs of moving data) vehicle event files were collected across the seven events with 46 (372.75 hrs of moving data) of those taking place during the sponsor identified RCW breeding season (29 Mar 2012 – 30 June 2013) (Events 5-7 in Table 1). During the breeding season only 0.82 hrs and 3.77 hrs of training data was collected within 100 ft and between 100-200 ft, respectively, of Active RCW trees. These numbers are reduced to 0.19 hrs (11.4 min) and 1.7 hrs (102 mins), respectively, when looking only at identified RCW Nest Trees. Figure 2 illustrates the training data collected within 100 and 200 ft of RCW Nest trees for the J09A, E06A, and D11B clusters during the breeding season.

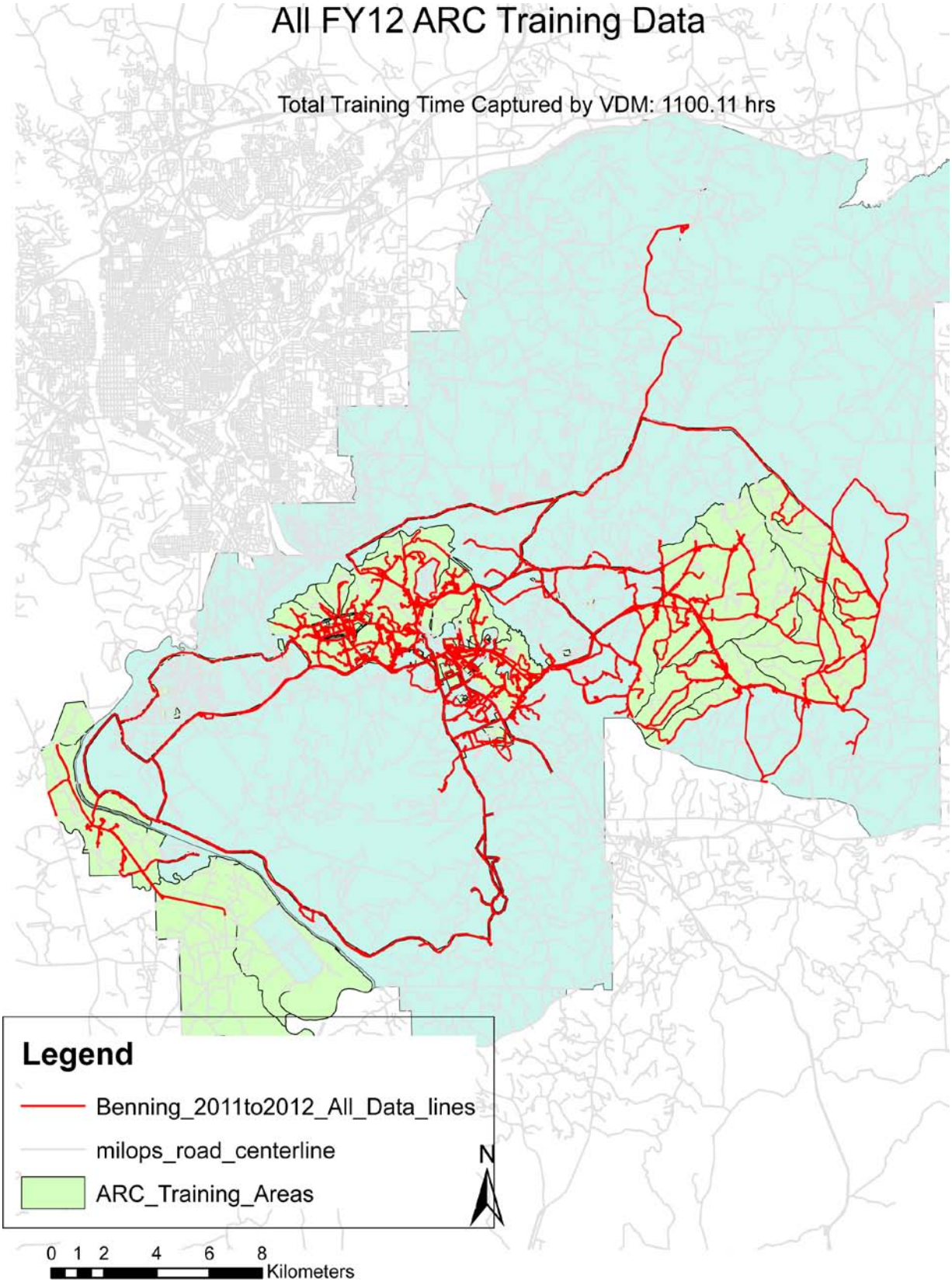


Figure 1: Map of all training data collected during the seven ARC training events tracked during FY 12.

Table 2: Data collected summarized by breeding season and across all seven classes. For more detail see Tables 3-4.

	Units	Across Breeding Season	Across All Events
Number of Vehicle Files		46	165
All Moving Data	hr	372.75	1100.11
Off-Road	hr	57.35	157.72
	% of Total	15.39	14.34
Outside of ARC Training Area	hr	31.15	66.34
	% of Total	8.36	6.03
Within 100 ft of Nest Trees	hr	0.19	0.73
	% of Total	0.05	0.07
Between 100-200 ft of Nest Trees	hr	1.7	5.15
	% of Total	0.46	0.47
Within 100 ft of Active RCW Trees	hr	0.82	3.38
	% of Total	0.22	0.31
Between 100-200 ft of Active RCW Trees	hr	3.77	11.74
	% of Total	1.01	1.07
Within 100 ft of All Documented RCW Trees	hr	1.14	4.57
	% of Total	0.31	0.42
Between 100-200 ft of All Documented RCW Trees	hr	4.91	15.01
	% of Total	1.32	1.36

Across all events 14.34% of the training time was spent off of defined roads, trails, or parking lots/motor pools. This percent was increased slightly to 15.39% when looking at only the three events that took place during the RCW Breeding Season. A layer of expected ARC training areas was created through consultation with the project sponsor. These areas included the ARC training areas, cantonment, and the major roads/trails linking these areas. Just over 6% (66.34 hrs) of the training took place outside of these areas (31.15 hrs during the breeding season) (Figure 3).

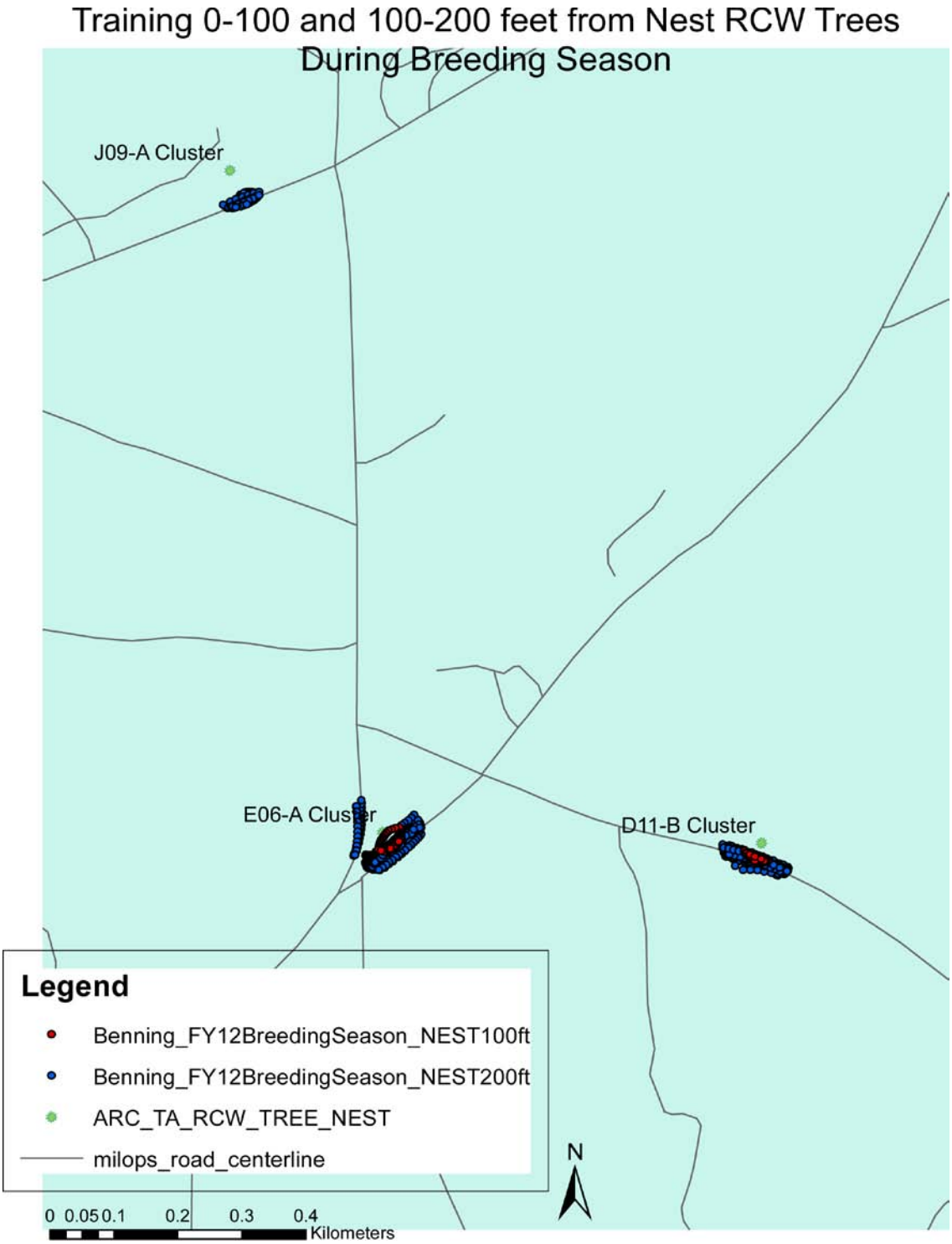


Figure 2: Map of training data within 100 and 200 ft from identified RCW Nest Trees during the FY12 RCW Breeding season for three RCW clusters. Each point represents 1 second of moving vehicle data. Similar maps were provided to the project sponsor for each impacted RCW cluster.

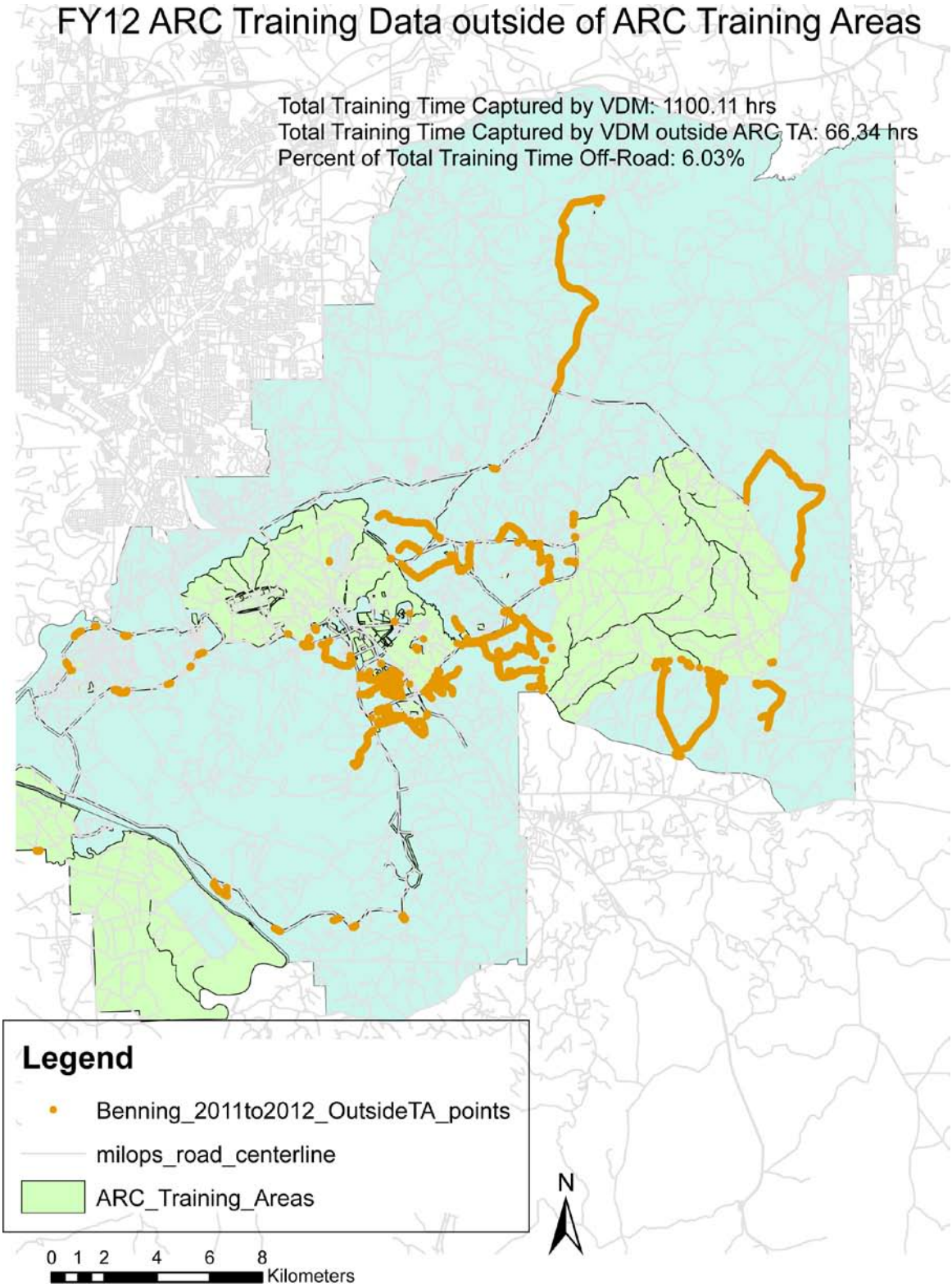


Figure 3: Map of training data outside of defined ARC training areas during the seven FY12 training classes.

Table 3: Fort Benning FY 12 Breeding Season Training Summary.

Event Start Date	File Name	All Moving Data	Moving Off-Road	Percent Traveling Time Off-Road	Time Outside of ARC Training Area	% Time Outside of ARC Training Area	Time within 100to200ft of RCW Nest Trees	% Time within 100to200ft of RCW Nest Trees	Time within 100ft of Nest Trees	% Time within 100ft of Nest Trees	Time within 100to200ft of Active RCW Trees	% Time within 100to200ft of Active RCW Trees	Time with 100ft of Active RCW Trees	% Time with 100ft of Active RCW Trees	Time within 100to200ft of Documented RCW Trees	% Time within 100to200ft of Documented RCW Trees	Time within 100ft of Documented RCW Trees	% Time within 100ft of Documented RCW Trees
		s	s	%	s	%	s	%	s	%	s	%	s	%	s	%	s	%
29-Mar-2012	Benning_LW058_HMMWV_29Mar2012_move	37876	17622	46.53	5345	14.11	387	1.02	0	0.00	488	1.29	26	0.07	513	1.35	26	0.07
29-Mar-2012	Benning_LW160_HMMWV_11Apr2012_move	23	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
29-Mar-2012	Benning_LW160_HMMWV_29Mar2012_move	27422	4279	15.60	5059	18.45	57	0.21	3	0.01	409	1.49	27	0.10	434	1.58	35	0.13
29-Mar-2012	Benning_LW247_HMMWV_29Mar2012_move	4	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
29-Mar-2012	Benning_LW259_HMMWV_29Mar2012_move	39453	14031	35.56	1651	4.18	441	1.12	3	0.01	488	1.24	173	0.44	531	1.35	173	0.44
29-Mar-2012	Benning_LW318_HMMWV_29Mar2012_move	67657	40684	60.13	7407	10.95	40	0.06	16	0.02	120	0.18	36	0.05	260	0.38	47	0.07
29-Mar-2012	Benning_LW324_HMMWV_29Mar2012_move	31763	6292	19.81	7331	23.08	58	0.18	4	0.01	1361	4.28	30	0.09	1386	4.36	37	0.12
29-Mar-2012	Benning_LW414_HMMWV_11Apr2012_move	258	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
29-Mar-2012	Benning_LW414_HMMWV_29Mar2012_move	44557	3311	7.43	543	1.22	73	0.16	2	0.00	289	0.65	76	0.17	345	0.77	83	0.19
29-Mar-2012	Benning_LW602_HMMWV_11Apr2012_move	15	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
29-Mar-2012	Benning_LW602_HMMWV_29Mar2012_move	54192	27809	51.32	6700	12.36	42	0.08	11	0.02	121	0.22	31	0.06	280	0.52	31	0.06
29-Mar-2012	Benning_STR15_STRYKER_11Apr2012_move	13	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
29-Mar-2012	Benning_STR15_STRYKER_29Mar2012_move	35821	10736	29.97	344	0.96	62	0.17	4	0.01	149	0.42	73	0.20	165	0.46	76	0.21
03-May-2012	Benning_LW057_HMMWV_03May2012_move	31966	1809	5.66	2618	8.19	80	0.25	9	0.03	126	0.39	38	0.12	225	0.70	65	0.20
03-May-2012	Benning_LW057_HMMWV_10May2012_move	20721	1089	5.26	565	2.73	113	0.55	15	0.07	249	1.20	90	0.43	317	1.53	95	0.46
03-May-2012	Benning_LW058_HMMWV_03May2012_move	56789	3283	5.78	7902	13.91	103	0.18	6	0.01	367	0.65	27	0.05	652	1.15	27	0.05
03-May-2012	Benning_LW058_HMMWV_10May2012_move	16910	867	5.13	2413	14.27	114	0.67	23	0.14	208	1.23	93	0.55	269	1.59	125	0.74
03-May-2012	Benning_LW247_HMMWV_03May2012_move	49358	5353	10.84	1116	2.26	192	0.39	0	0.00	562	1.14	62	0.13	653	1.32	85	0.17
03-May-2012	Benning_LW247_HMMWV_10May2012_move	20676	1812	8.76	287	1.39	63	0.30	8	0.04	162	0.78	48	0.23	227	1.10	54	0.26
03-May-2012	Benning_LW259_HMMWV_03May2012_move	32612	2915	8.94	6257	19.19	133	0.41	45	0.14	297	0.91	70	0.21	717	2.20	87	0.27
03-May-2012	Benning_LW259_HMMWV_10May2012_move	24378	1344	5.51	2775	11.38	276	1.13	33	0.14	424	1.74	186	0.76	529	2.17	255	1.05
03-May-2012	Benning_LW310_HMMWV_03May2012_move	32768	1695	5.17	4853	14.81	98	0.30	7	0.02	307	0.94	35	0.11	438	1.34	46	0.14
03-May-2012	Benning_LW314_HMMWV_03May2012_move	22410	828	3.69	2439	10.88	59	0.26	4	0.02	215	0.96	16	0.07	302	1.35	16	0.07
03-May-2012	Benning_LW314_HMMWV_10May2012_move	1847	83	4.49	0	0.00	12	0.65	5	0.27	23	1.25	13	0.70	27	1.46	13	0.70
03-May-2012	Benning_LW318_HMMWV_03May2012_move	33664	3783	11.24	8244	24.49	105	0.31	50	0.15	279	0.83	72	0.21	386	1.15	91	0.27
03-May-2012	Benning_LW318_HMMWV_10May2012_move	24375	1421	5.83	2955	12.12	213	0.87	32	0.13	369	1.51	153	0.63	470	1.93	211	0.87
03-May-2012	Benning_LW324_HMMWV_03May2012_move	43170	3407	7.89	1942	4.50	256	0.59	2	0.00	556	1.29	88	0.20	608	1.41	160	0.37
03-May-2012	Benning_LW324_HMMWV_10May2012_move	20484	1313	6.41	426	2.08	52	0.25	7	0.03	117	0.57	42	0.21	158	0.77	47	0.23
03-May-2012	Benning_LW413_HMMWV_03May2012_move	22460	1724	7.68	5218	23.23	134	0.60	45	0.20	279	1.24	69	0.31	343	1.53	89	0.40
03-May-2012	Benning_LW413_HMMWV_10May2012_move	25734	1896	7.37	3366	13.08	265	1.03	28	0.11	401	1.56	165	0.64	512	1.99	219	0.85
03-May-2012	Benning_LW414_HMMWV_03May2012_move	31161	1522	4.88	2907	9.33	80	0.26	10	0.03	131	0.42	41	0.13	221	0.71	47	0.15
03-May-2012	Benning_LW414_HMMWV_10May2012_move	19154	1076	5.62	363	1.90	103	0.54	17	0.09	213	1.11	99	0.52	256	1.34	104	0.54
03-May-2012	Benning_LW598_HMMWV_03May2012_move	35546	2659	7.48	1823	5.13	164	0.46	1	0.00	337	0.95	41	0.12	417	1.17	92	0.26
03-May-2012	Benning_LW598_HMMWV_10May2012_move	1859	65	3.50	0	0.00	12	0.65	3	0.16	20	1.08	11	0.59	23	1.24	11	0.59
03-May-2012	Benning_STR07_STRYKER_03May2012_move	41203	7293	17.70	5480	13.30	140	0.34	25	0.06	259	0.63	57	0.14	297	0.72	72	0.17
03-May-2012	Benning_STR07_STRYKER_10May2012_move	9	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
03-May-2012	Benning_STR15_STRYKER_03May2012_move	42619	2685	6.30	2261	5.31	57	0.13	2	0.00	125	0.29	37	0.09	221	0.52	50	0.12
03-May-2012	Benning_STR15_STRYKER_10May2012_move	26577	2980	11.21	262	0.99	70	0.26	10	0.04	162	0.61	69	0.26	210	0.79	74	0.28
01-Jun-2012	Benning_LW131_HMMWV_01June2012_move	43772	4735	10.82	2110	4.82	220	0.50	51	0.12	530	1.21	134	0.31	696	1.59	626	1.43
01-Jun-2012	Benning_LW133_HMMWV_01June2012_move	48157	6282	13.04	2247	4.67	132	0.27	30	0.06	338	0.70	89	0.18	713	1.48	89	0.18
01-Jun-2012	Benning_LW138_HMMWV_01June2012_move	53802	4861	9.03	2775	5.16	223	0.41	48	0.09	446	0.83	181	0.34	491	0.91	257	0.48
01-Jun-2012	Benning_LW236_HMMWV_01June2012_move	42603	4544	10.67	878	2.06	292	0.69	32	0.08	862	2.02	242	0.57	942	2.21	242	0.57
01-Jun-2012	Benning_LW413_HMMWV_01June2012_move	39721	6381	16.06	2116	5.33	983	2.47	22	0.06	1294	3.26	72	0.18	1735	4.37	72	0.18
01-Jun-2012	Benning_LW414_HMMWV_01June2012_move	8459	64	0.76	12	0.14	41	0.48	5	0.06	91	1.08	18	0.21	117	1.38	18	0.21
01-Jun-2012	Benning_STR07_STRYKER_01June2012_move	32494	1886	5.80	763	2.35	176	0.54	48	0.15	403	1.24	110	0.34	546	1.68	168	0.52
01-Jun-2012	Benning_STR15_STRYKER_01June2012_move	55370	50	0.09	391	0.71	0	0.00	0	0.00	0	0.00	0	0.00	33	0.06	0	0.00
Sum/Average Across All Events (*seconds*)		**1341882**	**206467**	**15.39**	**112144**	**8.36**	**6121**	**0.46**	**666**	**0.05**	**13577**	**1.01**	**2940**	**0.22**	**17665**	**1.32**	**4115**	**0.31**
Sum/Average Across All Events (*hrs*)		**372.745**	**57.35**		**31.15**		**1.70**		**0.19**		**3.77**		**0.82**		**4.91**		**1.14**	

SUMMARIZED BY EVENT (times in seconds)

Event Start Date	Number of Vehicle Files	All Moving Data	Moving Off-Road	Percent Traveling Time Off-Road	Time Outside of ARC Training Area	% Time Outside of ARC Training Area	Time within 100to200ft of RCW Nest Trees	% Time within 100to200ft of RCW Nest Trees	Time within 100ft of Nest Trees	% Time within 100ft of Nest Trees	Time within 100to200ft of Active RCW Trees	% Time within 100to200ft of Active RCW Trees	Time with 100ft of Active RCW Trees	% Time with 100ft of Active RCW Trees	Time within 100to200ft of Documented RCW Trees	% Time within 100to200ft of Documented RCW Trees	Time within 100ft of Documented RCW Trees	% Time within 100ft of Documented RCW Trees
		s	s	%	s	%	s	%	s	%	s	%	s	%	s	%	s	%
29-Mar-2012	13	339054	124764	36.80	34380	10.14	1160	0.34	43	0.01	3425	1.01	472	0.14	3914	1.15	508	0.15
03-May-2012	25	678450	52900	7.80	66472	9.80	2894	0.43	387	0.06	6188	0.91	1622	0.24	8478	1.25	2135	0.31
01-Jun-2012	8	324378	28803	8.88	11292	3.48	2067	0.64	236	0.07	3964	1.22	846	0.26	5273	1.63	1472	0.45
ACROSS ALL EVENTS	**46**	**1341882**	**206467**	**15.39**	**112144**	**8.36**	**6121**	**0.46**	**666**	**0.05**	**13577**	**1.01**	**2940**	**0.22**	**17665**	**1.32**	**4115**	**0.31**

SUMMARIZED BY EVENT (time in hours)

Event Start Date	Number of Vehicle Files	All Moving Data	Moving Off-Road	Percent Traveling Time Off-Road	Time Outside of ARC Training Area	% Time Outside of ARC Training Area	Time within 100to200ft of RCW Nest Trees	% Time within 100to200ft of RCW Nest Trees	Time within 100ft of Nest Trees	% Time within 100ft of Nest Trees	Time within 100to200ft of Active RCW Trees	% Time within 100to200ft of Active RCW Trees	Time with 100ft of Active RCW Trees	% Time with 100ft of Active RCW Trees	Time within 100to200ft of Documented RCW Trees	% Time within 100to200ft of Documented RCW Trees	Time within 100ft of Documented RCW Trees	% Time within 100ft of Documented RCW Trees
		hr	hr	%	hr	%	hr	%	hr	%	hr	%	hr	%	hr	%	hr	%
29-Mar-2012	13	94.18	34.66	36.80	9.55	10.14	0.32	0.34	0.01	0.01	0.95	1.01	0.13	0.14	1.09	1.15	0.14	0.15
03-May-2012	25	188.46	14.69	7.80	18.46	9.80	0.80	0.43	0.11	0.06	1.72	0.91	0.45	0.24	2.36	1.25	0.59	0.31
01-Jun-2012	8	90.11	8.00	8.88	3.14	3.48	0.57	0.64	0.07	0.07	1.10	1.22	0.24	0.26	1.46	1.63	0.41	0.45
ACROSS ALL EVENTS	**46**	**372.75**	**57.35**	**15.39**	**31.15**	**8.36**	**1.70**	**0.46**	**0.19**	**0.05**	**3.77**	**1.01**	**0.82**	**0.22**	**4.91**	**1.32**	**1.14**	**0.31**

Table 4: Fort Benning FY 12 All Training Summary.

Event Start Date	File Name	All Moving Data	Moving Off-Road	Percent Traveling Time Off Road	Time Outside of ARC Training Area	% Time Outside of ARC Training Area	Time within 100m/200ft of RCW Nest Trees	% Time within 100m/200ft of RCW Nest Trees	Time within 100ft of Nest Trees	% Time within 100ft of Nest Trees	Time within 100m/200ft of Active RCW Trees	% Time within 100m/200ft of Active RCW Trees	Time with 100ft of Active RCW Trees	% Time with 100ft of Active RCW Trees	Time within 100m/200ft of Documented RCW Trees	% Time within 100m/200ft of Documented RCW Trees	Time within 100ft of Documented RCW Trees	% Time within 100ft of Documented RCW Trees
		s	s	%	s	%	s	%	s	%	s	%	s	%	s	%	s	%
31-Oct-2011	Benning_LW057_HMMWV_09Nov2011_move	40422	7690	19.05	3669	9.08	139	0.30	18	0.04	278	0.69	95	0.24	348	0.86	144	0.36
31-Oct-2011	Benning_LW057_HMMWV_31Oct2011_move	28079	4876	17.37	23	0.08	50	0.18	12	0.04	150	0.53	40	0.14	242	0.86	40	0.14
31-Oct-2011	Benning_LW058_HMMWV_09Nov2011_move	32432	10906	33.63	3089	9.52	73	0.23	12	0.04	185	0.57	54	0.17	231	0.71	58	0.18
31-Oct-2011	Benning_LW058_HMMWV_31Oct2011_move	45478	1702	8.14	10	0.02	77	0.17	12	0.03	462	1.02	64	0.14	625	1.37	71	0.16
31-Oct-2011	Benning_LW131_HMMWV_09Nov2011_move	19757	873	4.22	1496	7.57	145	0.73	19	0.10	238	1.20	70	0.35	335	1.70	178	0.89
31-Oct-2011	Benning_LW131_HMMWV_31Oct2011_move	21230	2469	11.63	11	0.05	78	0.37	17	0.08	241	1.14	82	0.39	356	1.68	89	0.42
31-Oct-2011	Benning_LW133_HMMWV_09Nov2011_move	39891	8972	22.49	682	1.71	78	0.20	8	0.02	588	1.47	92	0.23	640	1.60	157	0.39
31-Oct-2011	Benning_LW138_HMMWV_09Nov2011_move	25768	1128	3.79	1899	6.38	243	0.82	91	0.31	415	1.39	182	0.61	520	1.75	289	0.97
31-Oct-2011	Benning_LW247_HMMWV_09Nov2011_move	22909	1351	5.90	970	4.23	78	0.34	10	0.04	232	1.01	57	0.25	295	1.29	119	0.52
31-Oct-2011	Benning_LW259_HMMWV_09Nov2011_move	5192	163	3.14	48	0.92	0	0.00	0	0.00	0	0.00	0	0.00	22	0.42	0	0.00
31-Oct-2011	Benning_LW261_HMMWV_09Nov2011_move	7445	69	0.93	6	0.08	44	0.59	10	0.13	129	1.68	39	0.52	141	1.89	39	0.52
31-Oct-2011	Benning_LW261_HMMWV_31Oct2011_move	150	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
31-Oct-2011	Benning_LW266_HMMWV_09Nov2011_move	6882	32	0.46	0	0.00	70	1.02	16	0.23	131	1.90	64	0.93	147	2.14	64	0.93
31-Oct-2011	Benning_LW266_HMMWV_31Oct2011_move	29461	1356	4.60	0	0.00	122	0.41	13	0.04	566	1.92	169	0.57	652	2.15	192	0.65
31-Oct-2011	Benning_LW310_HMMWV_31Oct2011_move	46237	6090	13.11	0	0.00	291	0.63	15	0.03	821	1.78	316	0.68	877	1.90	347	0.75
31-Oct-2011	Benning_LW314_HMMWV_09Nov2011_move	30490	2485	8.15	2038	6.69	316	1.04	77	0.25	488	1.60	109	0.36	552	1.81	252	0.83
31-Oct-2011	Benning_LW314_HMMWV_31Oct2011_move	44273	4494	9.95	119	0.27	77	0.17	9	0.02	516	1.17	78	0.18	705	1.59	89	0.20
31-Oct-2011	Benning_LW338_HMMWV_09Nov2011_move	1638	175	10.68	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	7	0.43	0	0.00
31-Oct-2011	Benning_LW338_HMMWV_31Oct2011_move	42236	7935	18.79	0	0.00	398	0.94	24	0.06	728	1.72	386	0.91	790	1.87	416	0.98
31-Oct-2011	Benning_LW324_HMMWV_09Nov2011_move	40698	5405	13.28	0	0.00	133	0.33	65	0.16	332	0.82	121	0.30	348	0.86	154	0.38
31-Oct-2011	Benning_LW413_HMMWV_09Nov2011_move	17626	996	5.65	404	2.29	112	0.64	12	0.07	202	1.15	63	0.36	253	1.44	67	0.38
31-Oct-2011	Benning_LW413_HMMWV_31Oct2011_move	21159	1721	8.13	138	0.65	101	0.48	27	0.13	239	1.13	94	0.44	367	1.64	104	0.49
31-Oct-2011	Benning_LW414_HMMWV_09Nov2011_move	20110	338	1.68	72	0.36	71	0.35	18	0.09	124	0.62	67	0.33	162	0.81	67	0.33
31-Oct-2011	Benning_LW414_HMMWV_31Oct2011_move	68	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
31-Oct-2011	Benning_LW598_HMMWV_09Nov2011_move	31600	8333	26.37	217	0.69	101	0.32	12	0.04	211	0.67	60	0.19	256	0.81	65	0.21
31-Oct-2011	Benning_LW598_HMMWV_31Oct2011_move	45669	3607	7.90	214	0.47	260	0.57	11	0.02	439	0.95	72	0.16	548	1.20	87	0.19
31-Oct-2011	Benning_LW601_HMMWV_09Nov2011_move	22779	1494	6.56	2558	11.23	192	0.71	26	0.11	351	1.54	87	0.38	502	2.20	209	0.92
31-Oct-2011	Benning_LW601_HMMWV_31Oct2011_move	38101	8665	22.75	0	0.00	74	0.19	8	0.02	195	0.51	60	0.16	222	0.58	60	0.16
31-Oct-2011	Benning_LW602_HMMWV_09Nov2011_move	26381	3556	13.48	1623	6.15	146	0.55	31	0.12	293	1.11	80	0.30	436	1.65	189	0.72
31-Oct-2011	Benning_LW602_HMMWV_31Oct2011_move	20002	1936	9.63	10	0.05	73	0.36	9	0.04	243	1.21	57	0.28	370	1.84	67	0.33
31-Oct-2011	Benning_STR05_STRYKER_09Nov2011_move	21371	1092	5.11	1318	6.17	72	0.34	4	0.02	119	0.56	33	0.15	154	0.72	43	0.20
31-Oct-2011	Benning_STR05_STRYKER_31Oct2011_move	57470	13961	22.76	36	0.06	69	0.12	6	0.01	162	0.28	37	0.06	198	0.35	37	0.06
31-Oct-2011	Benning_STR07_STRYKER_09Nov2011_move	25831	3001	7.25	1784	6.91	83	0.32	7	0.03	146	0.57	38	0.15	179	0.69	47	0.18
31-Oct-2011	Benning_STR07_STRYKER_31Oct2011_move	54430	15976	29.35	2207	4.05	62	0.11	17	0.03	281	0.52	59	0.11	366	0.67	66	0.12
31-Oct-2011	Benning_STR11_STRYKER_09Nov2011_move	26461	1704	6.44	606	2.29	48	0.18	6	0.02	131	0.50	22	0.08	185	0.70	41	0.15
31-Oct-2011	Benning_STR11_STRYKER_31Oct2011_move	59560	10125	17.67	31	0.05	74	0.12	7	0.01	199	0.33	39	0.07	372	0.62	39	0.07
31-Oct-2011	Benning_STR18_STRYKER_09Nov2011_move	20534	2530	12.32	2872	13.99	49	0.24	4	0.02	83	0.40	27	0.13	114	0.56	30	0.15
31-Oct-2011	Benning_STR18_STRYKER_31Oct2011_move	41840	5629	12.98	1149	2.75	36	0.09	12	0.03	213	0.56	35	0.08	878	2.10	43	0.10
02-Dec-2011	Benning_LW057_HMMWV_02Dec2011_move	51404	4186	13.07	0	0.00	147	0.47	117	0.37	268	0.85	179	0.57	396	1.25	217	0.69
02-Dec-2011	Benning_LW057_HMMWV_07Dec2011_move	4266	179	4.20	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
02-Dec-2011	Benning_LW058_HMMWV_02Dec2011_move	35786	4015	11.22	3607	10.08	322	0.90	29	0.08	367	1.03	151	0.42	448	1.25	155	0.43
02-Dec-2011	Benning_LW058_HMMWV_07Dec2011_move	31609	6489	21.16	2608	8.25	214	0.68	91	0.29	321	1.03	135	0.43	429	1.36	241	0.76
02-Dec-2011	Benning_LW131_HMMWV_02Dec2011_move	20510	1335	6.51	2576	12.56	518	2.53	39	0.19	203	0.99	533	2.60	236	1.15	536	2.61
02-Dec-2011	Benning_LW133_HMMWV_02Dec2011_move	70446	6505	9.23	6423	9.12	452	0.64	141	0.20	687	0.98	250	0.35	680	0.98	469	0.67
02-Dec-2011	Benning_LW138_HMMWV_02Dec2011_move	17172	7854	21.13	1403	3.77	126	0.34	12	0.03	420	1.13	58	0.16	554	1.49	101	0.27
02-Dec-2011	Benning_LW247_HMMWV_02Dec2011_move	4133	25	0.60	2	0.05	18	0.44	4	0.10	33	0.80	24	0.58	37	0.90	24	0.58
02-Dec-2011	Benning_LW247_HMMWV_07Dec2011_move	403	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
02-Dec-2011	Benning_LW259_HMMWV_02Dec2011_move	40919	4678	11.43	0	0.00	270	0.66	12	0.03	432	1.06	53	0.13	557	1.36	86	0.21
02-Dec-2011	Benning_LW259_HMMWV_07Dec2011_move	36437	1020	2.80	3393	9.31	431	1.18	34	0.09	560	2.58	194	0.53	1153	3.16	428	1.17
02-Dec-2011	Benning_LW310_HMMWV_02Dec2011_move	34876	4606	13.21	5613	16.09	373	1.07	149	0.43	718	2.06	362	1.04	854	2.45	438	1.26
02-Dec-2011	Benning_LW310_HMMWV_07Dec2011_move	32183	3771	10.16	3754	11.66	326	1.01	27	0.08	507	1.58	130	0.40	636	1.98	343	1.07
02-Dec-2011	Benning_LW314_HMMWV_02Dec2011_move	37946	4876	14.80	5041	15.30	384	1.17	18	0.05	1215	3.69	223	0.68	1315	3.99	251	0.76
02-Dec-2011	Benning_LW314_HMMWV_07Dec2011_move	369	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
02-Dec-2011	Benning_LW324_HMMWV_02Dec2011_move	9088	123	1.35	0	0.00	62	0.68	16	0.18	113	1.22	60	0.66	150	1.65	60	0.66
02-Dec-2011	Benning_LW324_HMMWV_07Dec2011_move	18237	2820	15.46	751	4.12	62	0.34	2	0.01	144	0.79	59	0.32	536	2.94	74	0.41
02-Dec-2011	Benning_LW414_HMMWV_02Dec2011_move	38557	5206	13.50	0	0.00	59	0.15	10	0.03	93	0.24	37	0.10	152	0.39	43	0.11
02-Dec-2011	Benning_LW414_HMMWV_07Dec2011_move	29274	2934	10.02	1658	5.66	271	0.93	138	0.47	421	1.44	204	0.70	473	1.62	366	1.25
02-Dec-2011	Benning_LW598_HMMWV_02Dec2011_move	34678	3708	9.58	4002	11.55	271	0.81	33	0.10	294	0.88	185	0.55	361	1.08	193	0.58
02-Dec-2011	Benning_LW598_HMMWV_07Dec2011_move	7722	33	0.43	826	10.70	0	0.00	0	0.00	9	0.12	0	0.00	15	0.19	0	0.00
02-Dec-2011	Benning_LW602_HMMWV_02Dec2011_move	38308	6074	10.69	0	0.00	69	0.18	8	0.02	108	0.28	34	0.09	165	0.43	43	0.11
02-Dec-2011	Benning_LW602_HMMWV_07Dec2011_move	25214	3264	13.02	1769	7.02	312	1.24	58	0.23	450	1.94	109	0.43	765	3.04	301	1.19
02-Dec-2011	Benning_STR02_STRYKER_02Dec2011_move	45699	3139	7.31	1428	3.12	150	0.33	18	0.04	465	1.02	72	0.16	969	2.12	131	0.29
02-Dec-2011	Benning_STR02_STRYKER_07Dec2011_move	35027	2517	7.19	1118	3.19	192	0.55	15	0.04	583	1.67	150	0.43	671	1.92	192	0.55
02-Dec-2011	Benning_STR16_STRYKER_02Dec2011_move	40057	5131	12.81	957	2.39	46	0.11	15	0.04	670	2.05	576	1.31	1118	2.77	326	1.31
19-Jan-2012	Benning_LW057_HMMWV_19Jan2012_move	6814	68	1.00	0	0.00	95	1.39	3	0.04	122	1.79	3	0.04	161	2.36	44	0.65
19-Jan-2012	Benning_LW057_HMMWV_26Jan2012_move	45	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
19-Jan-2012	Benning_LW058_HMMWV_19Jan2012_move	10527	1	0.01	0	0.00	144	1.37	12	0.11	163	1.55	136	1.29	170	1.61	136	1.29
19-Jan-2012	Benning_LW058_HMMWV_26Jan2012_move	3037	165	5.43	24	0.79	0	0.00	0	0.00	0	0.00	0	0.00	7	0.23	0	0.00
19-Jan-2012	Benning_LW062_HMMWV_19Jan2012_move	10723	25	0.23	0	0.00	44	0.41	5	0.05	232	2.16	67	0.62	239	2.23	67	0.62
19-Jan-2012	Benning_LW138_HMMWV_19Jan2012_move	14901	42	0.28	0	0.00	143	0.97	9	0.06	296	1.99	175	1.17	303	2.03	175	1.17
19-Jan-2012	Benning_LW138_HMMWV_26Jan2012_move	25	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
19-Jan-2012	Benning_LW157_HMMWV_19Jan2012_move	15962	700	4.39	2506	15.70	26	0.16	1	0.01	122	0.76	150	0.94	180	1.13	175	1.10
19-Jan-2012	Benning_LW157_HMMWV_26Jan2012_move	1309	44	3.38	0	0.00	8	0.61	3	0.23	23	1.77	3	0.23	38	2.92	7	0.54
19-Jan-2012	Benning_LW163_HMMWV_19Jan2012_move	19169	905	4.72	887	4.63	67	0.35	7	0.04	279	1.46	48	0.25	458	2.39	73	0.38
19-Jan-2012	Benning_LW163_HMMWV_26Jan2012_move	1333	43	3.23	0	0.00	10	0.75	2	0.15	28	2.10	2	0.15	43	3.23	6	0.45
19-Jan-2012	Benning_LW216_HMMWV_19Jan2012_move	12428	0	0.00	3123	25.13	70	0.56	7	0.06	93	0.75	7	0.06	139	1.12	23	0.19
19-Jan-2012	Benning_LW257_HMMWV_26Jan2012_move	245	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
19-Jan-2012	Benning_LW259_HMMWV_19Jan2012_move	37673	5706	13.82	3118	8.28	112	0.30	2	0.01	337	0.89	17	0.05	531	1.41	105	0.28
19-Jan-2012	Benning_LW259_HMMWV_26Jan2012_move	65	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
19-Jan-2012	Benning_LW310_HMMWV_19Jan2012_move	12651	2	0.02	0	0.00	138	1.09	5	0.04	306	2.42	53	0.42	313	2.47	53	0.42
19-Jan-2012	Benning_LW310_HMMWV_26Jan2012_move	37	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
19-Jan-2012	Benning_LW318_HMMWV_19Jan2012_move	39035	8917	10.14	422	1.08	181	0.46	8	0.02	399	1.02	21	0.05	467	1.20	97	0.25
19-Jan-2012	Benning_LW318_HMMWV_26Jan2012_move	748	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
19-Jan-2012	Benning_LW414_HMMWV_19Jan2012_move	8967	94	1.05	2819	31.44	69	0.77	3	0.03	94	1.05	3	0.03	134	1.49	26	0.29
19-Jan-2012	Benning_LW414_HMMWV_26Jan2012_move	11	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
19-Jan-2012	Benning_LW598_HMMWV_19Jan2012_move	10708	1145	10.69	0	0.00	111	1.04	5	0.05	240	2.24	149	1.39	247	2.31	149	1.39
19-Jan-2012	Benning_LW601_HMMWV_19Jan2012_move	1065	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
19-Jan-2012	Benning_LW601_HMMWV_26Jan2012_move	5	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
19-Jan-2012	Benning_LW602_HMMWV_26Jan2012_move	38	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
19-Jan-2012	Benning_STR02_STRYK_19Jan2012_move	6283	286	4.55	0	0.00	32	0.51	4	0.06	84	1.34	13	0.21	118	1.88	13	0.21
19-Jan-2012	Benning_STR02_STRYKER_26Jan2012_move	4	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
19-Jan-2012	Benning_STR06_STRYKER_19Jan2012_move	18871	518	2.74	1	0.01	18	0.10	2	0.01	76	0.40	9	0.05	139	0.74	9	0.05
19-Jan-2012	Benning_STR06_STRYK_26Jan2012_move	15672	633	4.04	1269	8.10	86	0.55	8	0.05	190	1.21	53	0.34	247	1.58	80	0.51
19-Jan-2012	Benning_STR12_STRYK_19Jan2012_move	26693	747	2.80	465	1.74	55	0.21	2	0.01	141	0.53	9	0.03	320	1.20	21	0.08
19-Jan-2012	Benning_STR12_STRYKER_26Jan2012_move	17391	479	2.75	1159	6.89	192	1.10	13	0.07	401	1.75	69	0.40	353	2.05	102	0.59
19-Jan-2012	Benning_STR15_STRYK_19Jan2012_move	51487	21455	41.67	8163	17.80	189	0.37	2	0.00	1514	2.94	527	1.02	1649	3.20	538	1.04
19-Jan-2012	Benning_STR15_STRYKER_26Jan2012_move	29	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
28-Feb-2012	Benning_LW057_HMMWV_01Mar2012_move	18	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
28-Feb-2012	Benning_LW057_HMMWV_28Feb2012_move	39008	3926	10.06	3203	8.21	263	0.67	17	0.04	612	1.57	238	0.61	653	1.67	266	0.68
28-Feb-2012	Benning_LW128_HMMWV_05Mar2012_move	5243	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
28-Feb-2012	Benning_LW128_HMMWV_28Feb2012_move	35349	9093	25.72	4279	12.11	76	0.21	8	0.02	176	0.50	22	0.06	190	0.54	38	0.11
28-Feb-2012	Benning_LW131_HMMWV_05Mar2012_move	403	25	6.20	0	0.00	5	1.24	1	0.25	9	2.23	6	1.49	9	2.23	6	1.49
28-Feb-2012	Benning_LW208_HMMWV_28Feb2012_move	32887	573	1.74	283	0.86	12	0.04	3	0.01	91	0.28	12	0.04	87	0.26	49	0.15
28-Feb-2012	Benning_LW247_HMMWV_05Mar2012_move	2488	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
28-Feb-2012	Benning_LW247_HMMWV_29Feb2012_move	26605	1978	7.43	415	1.56	123	0.46	29	0.08	260	0.98	70	0.26	308	1.16	70	0.26
28-Feb-2012	Benning_LW259_HMMWV_05Mar2012_move	938	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
28-Feb-2012	Benning_LW259_HMMWV_28Feb2012_move	27626	2183	8.99	641	2.32	123	0.45	15	0.05	224	0.81	75	0.27	262	0.95	75	0.27
28-Feb-2012	Benning_LW265_HMMWV_28Feb2012_move	6926	1147	16.56	0	0.00	106	1.53	6	0.09	266	3.97	57	0.82	231	3.34	80	1.16
28-Feb-2012	Benning_LW266_HMMWV_28Feb2012_move	33249	2823	8.49	3965	11.93	166	0.50	45	0.14	369	1.11	68	0.20	377	1.13	102	0.31
28-Feb-2012	Benning_LW358_HMMWV_28Feb2012_move	30337	3134	10.33	702	2.31	155	0.51	26	0.09	208	0.69	108	0.36	253	0.83	108	0.36
28-Feb-2012	Benning_LW338_HMMWV_28Feb2012_move	39270	10085	25.68	0	0.00	68	0.17	13	0.03	93	0.24	52	0.13	112	0.29	52	0.13
28-Feb-2012	Benning_LW413_HMMWV_29Feb2012_move	28552	4097	14.35	606	2.12	119	0.42	21	0.07	187	0.65	75	0.26	299	1.05	75	0.26
28-Feb-2012	Benning_LW414_HMMWV_05Mar2012_move	129	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
28-Feb-2012	Benning_LW414_HMMWV_29Feb2012_move	50133	27416	54.69	70	0.14	99	0.20	6	0.01	783	1.57	97	0.19	840	1.68	164	0.33
28-Feb-2012	Benning_LW601_HMMWV_05Mar2012_move	328	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
28-Feb-2012	Benning_LW602_HMMWV_05Mar2012_move	58	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
28-Feb-2012	Benning_LW602_HMMWV_28Feb2012_move	47065	19709	41.88	5352	11.37	135	0.29	24	0.05	485	1.03	118	0.25	436	0.93	118	0.25
28-Feb-2012	Benning_STR06_STRYK_05Mar2012_move	139	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
28-Feb-2012	Benning_STR15_STRYK_05Mar2012_move	48142	3402	7.07	5953	12.37	100	0.21	26	0.07	244	0.51	51	0.11	764	0.55	77	0.16
29-Mar-2012	Benning_LW058_HMMWV_29Mar2012_move	37876	17622	46.53	5345	14.11	387	1.02	0	0.00	488	1.29	26	0.07	513	1.35	26	0.07
29-Mar-2012	Benning_LW160_HMMWV_11Apr2012_move	23	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
29-Mar-2012	Benning_LW160_HMMWV_29Mar2012_move	27422	4279	15.60	5059	18.45	57	0.21	3	0.01	409	1.49	27	0.10	434	1.58	35	0.13
29-Mar-2012	Benning_LW247_HMMWV_29Mar2012_move	4	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
29-Mar-2012	Benning_LW259_HMMWV_29Mar2012_move	39453	14081	35.56	1651	4.18	441	1.12	3	0.01	488	1.24	173	0.44	531	1.35	173	0.44
29-Mar-2012	Benning_LW318_HMMWV_29Mar2012_move	67657	40684	60.13	7407	10.95	40	0.06	16	0.02	170	0.18	36	0.05	760	0.38	47	0.07
29-Mar-2012	Benning_LW324_HMMWV_29Mar2012_move	31763	6792	19.81	7331	23.08	58	0.18	4	0.01	1361	4.28	30	0.09	1386	4.36	37	0.12
29-Mar-2012	Benning_LW414_HMMWV_11Apr2012_move	258	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00
29-Mar-2012	Benning_LW414_HMMWV_29Mar2012_move	44557	3311	7.43	543	1.22	73	0.16	2	0.00	249	0.65	76	0.17	345	0.77	83	0.19
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Vehicle Tracking and Analysis at Fort Benning, GA to Support RCW Response to Military Training Studies: FY 13 Yearly Data Summary

Objectives:

The purpose of this project is to track and analyze vehicle movement of the Armor School and other heavy maneuver training. Results will be used to provide quantified vehicle movement patterns to an existing Heavy Maneuver Effects Monitoring Program. This document summarizes data collected during FY 13 during the Red Cockaded Woodpecker (RCW) nesting period from 01 April thru 30 July (Table 1). The report contains a description of tracking events and resultant data, and defines assumptions required for the analyses. Finally, summary tables and maps of the data are provided. This data, along with more detailed and comprehensive summary maps, were provided to the project sponsor for FY13 RCW nesting as well as FY 13 Yearly Data Summary.

Table 1: Description of Training Events Collected

Class #	Start Date	Ending Date	# Vehicles Tracked
1	3/31/2013	4/10/2013	22
2	5/13/2013	5/18/2013	22
3	6/17/2013	6/29/2013	20

Input Data Requirements:

- Raw Vehicle Tracking Data (VDM and VTS)
- Fort Benning Roads Layer from Tim Marston (milops_road_centerline.shp)
- Fort Benning RCW tree point files (broken into active tree, nest trees, and all trees) (ARC_TA_RCW_TREE_ACT.shp, ARC_TA_RCW_TREE_NEST.shp, ARC_TA_RCW_TREE_ALL.shp)
- Fort Benning ARC Training Area Layer compiled from discussions with Tim Marston (includes ARC training areas and 80 m buffer around roads connecting ARC training areas) (ARC_DJK_Combined_OK.shp)
- Layer of Benning Parking lots (for improved off-road estimation) (DJK_Benning_Parkinglot.shp)

Assumptions:

- A 20 m buffer (on either side of road) was used to determine off-road travel. This accounts for errors in the roads layer and GPS tracking points. Previous work has determined a 20 m buffer as the most accurate in estimating the extent of off-road training.
- The Fort Benning ARC Training Area layer was assumed to be the extent of the area set aside for training. This layer incorporates the ARC training areas (+ a 20 m buffer in the case that a road skirts the boundary of the layer), cantonment, and major roads linking training areas to cantonment.
- The values reported are only for ***moving*** training data. VDM units shut down when a vehicle is stationary. Non-zero velocity VTS data is filtered out. If a vehicle was stationary on the side of a road or in proximity to an RCW tree, this non-moving data would not contribute to the time spent on road or near an RCW tree.

Process Steps:

1) Preprocessed Vehicle Dynamics Monitor (VDM - tan vehicle tracking unit) and Vehicle Tracking System (VTS - grey vehicle tracking unit) collected data into standard text file. This data is collected in one-second intervals.
2) Calculated vehicle dynamic properties (for removal of non-moving data)
3) Imported text file with calculated values into ArcGIS 10 as a point shapefile (one shapefile for every vehicle tracked).
4) Projected the shapefile to WGS_1984_UTM_Zone_16N
5) Determined the distance from every collected data point from the nearest documented RCW tree, active RCW trees, and nest RCW tree.
6) Fort Benning Environmental Management Division has a nondiscretionary requirement to address concerns of the U.S. Fish & Wildlife Service regarding military training inside a 200 ft (61 m) buffer around every RCW nest tree. All collected data points less than 200 ft (61 m) from a RCW nest tree (and "all" and active) were copied onto a separate shapefile.
7) Calculated the percent of data on and off-road using the Fort Benning Roads Layer. A 20 m buffer is placed around the roads layer to account for inaccuracies both in the vehicle tracking data and the road layer. Additionally, a layer outlining Fort Benning's parking lots and motor pools was used to remove "off-road" data that truly was not off-road in nature. The percent time off road is calculated by dividing the number of points off road by the total number of points collected (the sampling interval is a constant 1 second).
8) A similar process was utilized to determine all tracking data occurring outside the primary training areas (Figure 3) that were designated for the Armor School ARC training. This portion of the data includes all ARC training occurring in the Goodhope Maneuver Training Area (GHMTA), as well as logistical travel on hardball roads linking the ARC training areas, motor pools, and other service areas where potential RCW impacts were considered to be of minimal concern. This data was copied into a separate shapefile and the percent of data outside of these 3 primary ARC training areas was calculated.
9) Data was summarized into vector shapefiles and an excel spreadsheet by vehicle, by event, by breeding season (01 April – 30 July 2013), and across all events.
10) Summary maps were created to illustrate training patterns and training area usage. Additional maps were created that identify specific training near RCW clusters.

Data Collected:

SUMMARIZING DATA BY EVENT or ACROSS MULTIPLE EVENTS

1) For FY13 Data, Event Summary files were created for each event including the following shapefiles (*Note: all Event Summary files described below were summarized by vehicle for each event):*
    a. Points within 100 ft of Active RCW Trees (Benning_EventDate_ACT100ft.shp)
    b. Points within 100 ft of All documented RCW Trees (Benning_EventDate_ALL100ft.shp)
    c. Points within 100 ft of RCW Nest Trees (Benning_EventDate_NEST100ft.shp)
    d. Points between 100-200 ft of Active RCW Trees (Benning_EventDate_ACT200ft.shp)

e. Points between 100-200 ft of All documented RCW Trees (Benning_EventDate_ALL200ft.shp)
f. Points between 100-200 ft of RCW Nest Trees (Benning_EventDate_NEST200ft.shp)
g. Polyline vector file of ALL tracking data from Event (allowing rapid assessment of where vehicles went without bogging down computer with large point vector files). (Benning_EventDate_All_Data_lines.shp)
h. A single point vector file of ALL tracking data for Event (Benning_EventDate_All_Data_points.shp)
i. A single point vector file of all OFF-ROAD data for Event (Benning_EventDate_OffRoad_points.shp)
j. A single point vector file of all training data outside of the approved Training Area for event (Benning_EventDate_OutsideTA_points).

2) The ArcToolBox Merge function (Data Management Tools->General->Merge) was used to merge all of the vehicle specific vector files for each analysis into a single Event Summary vector file. *Note: Right click the Merge tool to run in batch mode (i.e., create more than one of the summary files, a-j in, a single run).*
3) For FY13 Data summary files were created for All_Data (from all three (3) tracked events) and for Breeding Season (31 March, 13 May, and 17 June events) using the same methods described in Step 2. *Note: Naming conventions were maintained from Step 1 replacing EventDate with first tracking date.*

Data Summary:

Using the processes described above and in the Project Management Plan (PMP), the three Armor School Army Reconnaissance Course (ARC) classes were monitored with vehicle tracking units. These events generally consisted of 18 M1025 (HMMWV) vehicles and four (4) M1127 (Stryker RV) vehicles. While the course consisted of three major phases, only the second and third phases were tracked as the first phase consisted only of dismounted reconnaissance training. The second and third phases consisted of mounted/dismounted exercises culminating in a zone reconnaissance and security exercise. Figure 1 illustrates all of the data collected during these three training events tracked in FY13.

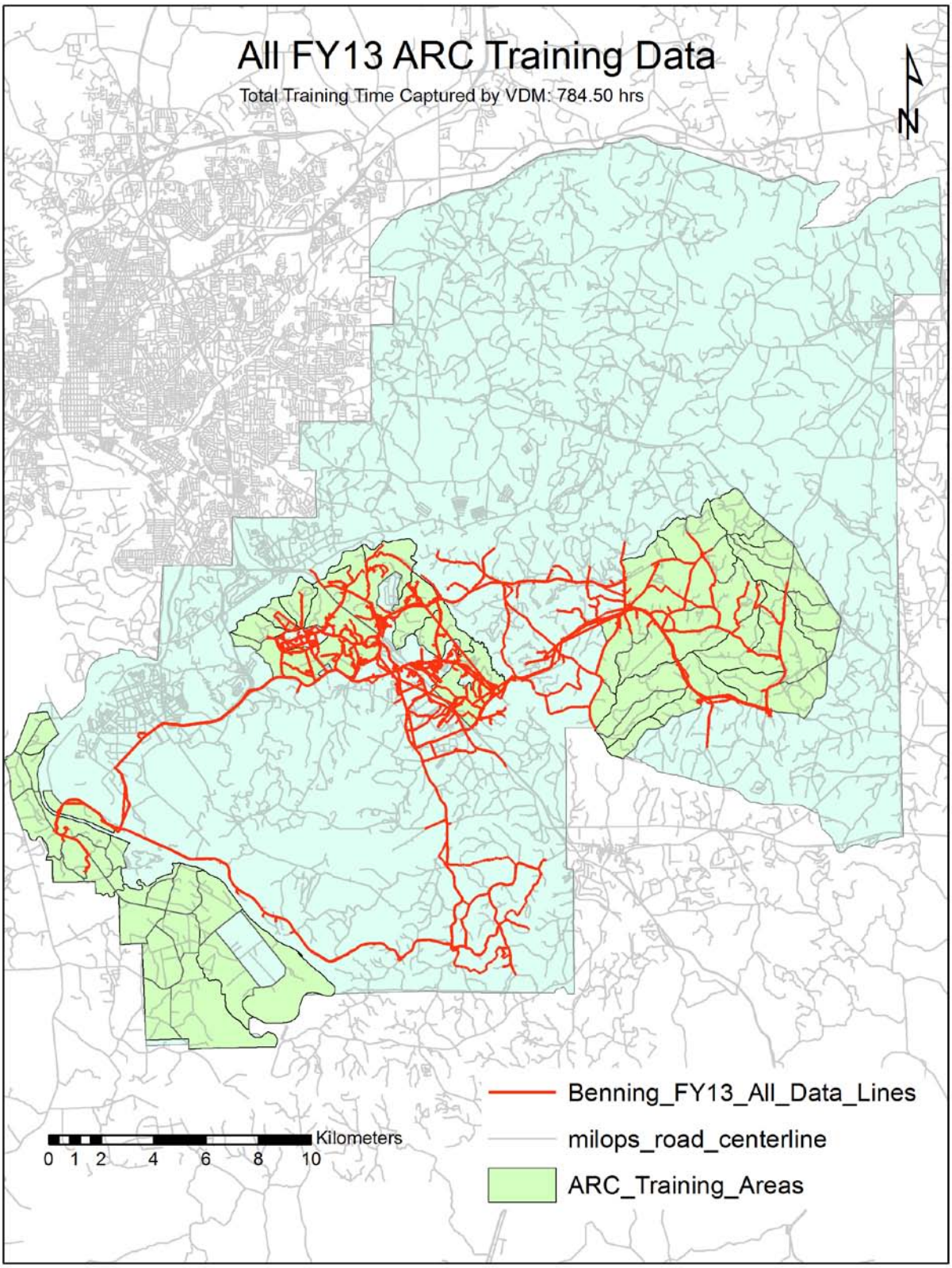


Figure 1: Map of all training data collected during the three ARC training events tracked during FY 13.

The collected data from these events were compiled into summary tables (Tables 2-4) and maps (Figure 2). Examples and the main findings are summarized in this document. However, a more comprehensive set of maps were provided to the project sponsor along with all processed vehicle tracking GIS shapefiles. A total of 64 (784.5 hrs of moving data) vehicle event files were collected across the three events with all (784.5 hrs of moving data) of those taking place during the sponsor identified RCW breeding season (Table 1). During the breeding season 1.20 hrs and 9.65 hrs of training data were collected within 100 ft and 100-200 ft, respectively, of Active RCW trees. These numbers were then reduced to 0.58 hrs (34.8 min) and 2.66 hrs (159.6 min), respectively, when considering only RCW Nest Cavity Trees. Figure 2 illustrates the training data collected within 100 and 200 ft of RCW Nest Cavity 6826 Tree for the E06A Nest Cluster during the breeding season.

Table 2: Data collected summarized by breeding season for all three classes. For more detail see Tables 3-4.

	Units	Across Breeding Season
Number of Vehicle Files		64
All Moving Data	hr	784.48
Off-Road	hr	100.41
	% of Total	12.52
Outside of ARC Training Area (Off-Road)	hr	202.97
	% of Total	25.73
Within 100 ft of Nest Trees	hr	0.58
	% of Total	0.08
Between 100-200 ft of Nest Trees	hr	2.66
	% of Total	0.35
Within 100 ft of Active RCW Trees	hr	1.20
	% of Total	0.16
Between 100-200 ft of Active RCW Trees	hr	9.65
	% of Total	1.29
Within 100 ft of All Documented RCW Trees	hr	2.30
	% of Total	0.31
Between 100-200 ft of All Documented RCW Trees	hr	11.27
	% of Total	1.50

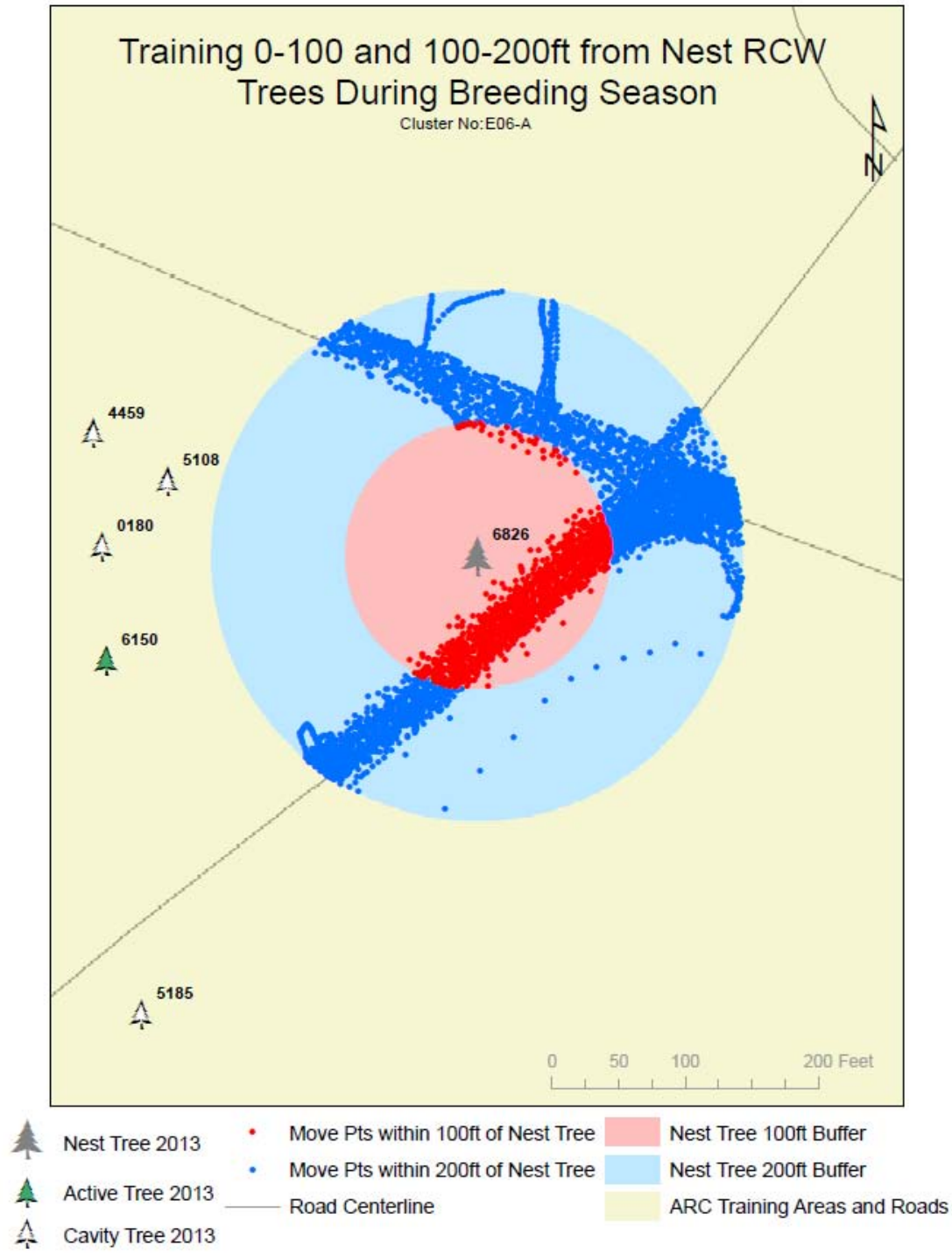


Figure 2: Map of training data within 100 and 200 ft from identified RCW Nest Tree 6826 during the FY13 RCW breeding season for one RCW E06-A cluster. Each point represents 1 second of moving vehicle data. Similar maps were provided to the project sponsor for each impacted RCW cluster.

Across all events, 12.52% of the training time was spent off of defined roads, trails, or parking lots/motor pools. A layer of expected ARC training areas was created through consultation with the project sponsor. Areas included the ARC training areas, cantonment, and the major roads/trails linking these areas. 4.34% (34.07 hrs) of the training took place outside of these areas while off-road (Figure 3).

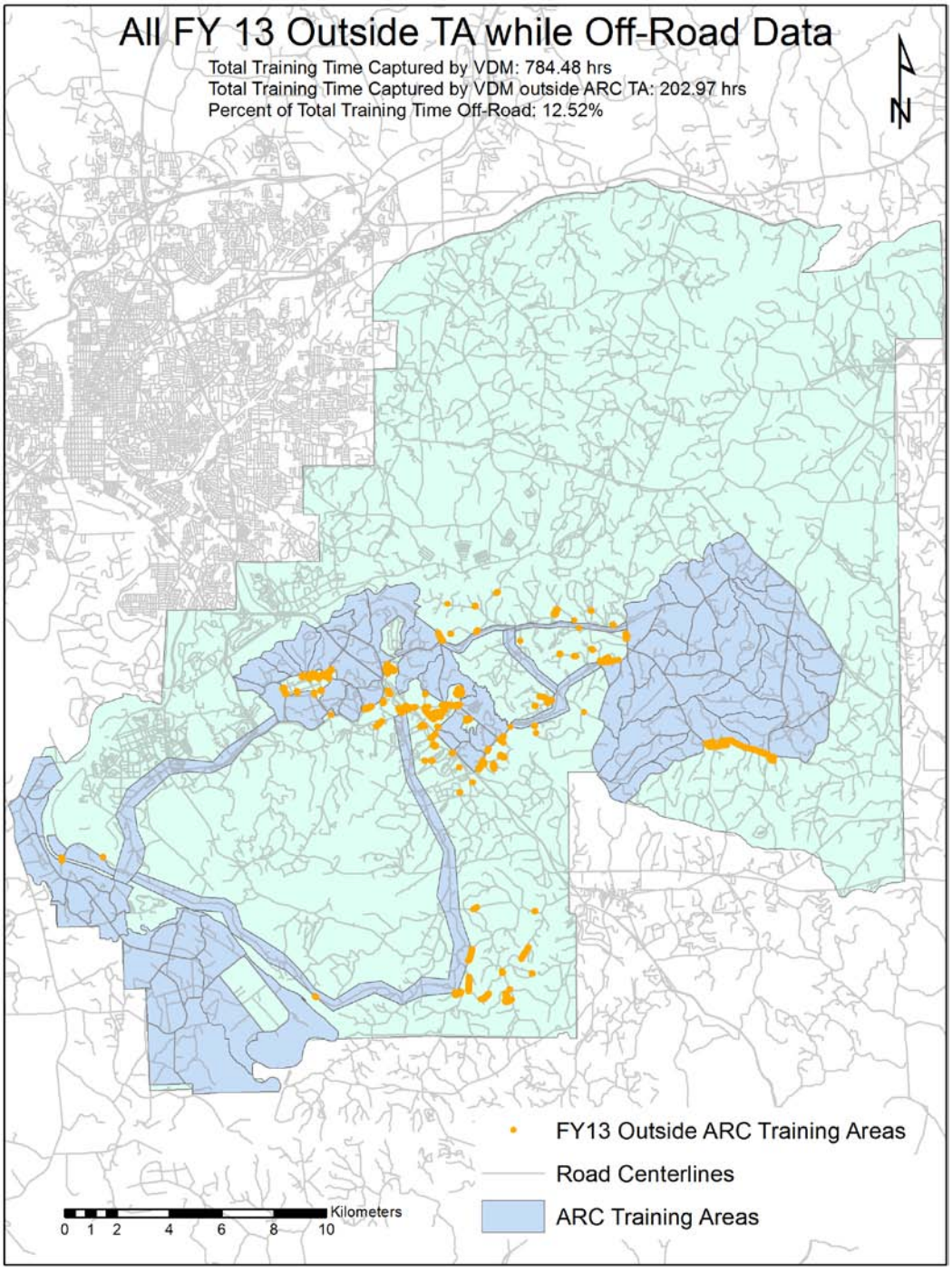


Figure 3: Map of training data outside of defined ARC training areas and off-road during the three FY13 training classes.

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Table 3: Summary of Vehicle Tracking Data for All Vehicles in FY 13

SUMMARIZED BY VEHICLE (time in seconds)

Event Start Date	VEHICLEID_TYPE File Naming Convention: (Benning_VEHICLEID_TYPE_EventStartDate_move)	All Moving Data	Moving Off-Road	Percent Traveling Time Off-Road	Time Outside of ARC Training Area*1	% Time Outside of ARC Training Area*1	Time within 100to200ft of RCW Nest Trees	% Time within 100to200ft of RCW Nest Trees	Time within 100ft of Nest Trees	% Time within 100ft of Nest Trees	Time within 100to200ft of Active RCW Trees	% Time within 100to200ft of Active RCW Trees	Time with 100ft of Active RCW Trees	% Time with 100ft of Active RCW Trees	Time within 100to200ft of Documented RCW Trees	% Time within 100to200ft of Documented RCW Trees	Time within 100ft of Documented RCW Trees	% Time within 100ft of Documented RCW Trees
		s	s	%	s	%	s	%	s	%	s	%	s	%	s	%	s	%
26-Mar-13	LW058_HMMWV	54260	7097	13.08%	8299	15.29%	146	0.27%	11	0.02%	280	0.52%	34	0.06%	373	0.69%	71	0.13%
26-Mar-13	LW131_HMMWV	68429	13627	19.91%	18718	27.35%	144	0.21%	43	0.06%	387	0.57%	26	0.04%	412	0.60%	108	0.16%
26-Mar-13	LW133_HMMWV	65000	4781	7.36%	10623	16.34%	105	0.16%	14	0.02%	614	0.94%	89	0.14%	738	1.14%	130	0.20%
26-Mar-13	LW138_HMMWV	48401	3485	7.20%	11682	24.14%	71	0.15%	49	0.10%	692	1.43%	25	0.05%	712	1.47%	137	0.28%
26-Mar-13	LW151_HMMWV	61085	8748	14.32%	17198	28.15%	104	0.17%	63	0.10%	724	1.19%	112	0.18%	819	1.34%	190	0.31%
26-Mar-13	LW152_HMMWV	55754	3193	5.73%	8731	15.66%	80	0.14%	17	0.03%	333	0.60%	20	0.04%	441	0.79%	64	0.11%
26-Mar-13	LW154_HMMWV	59492	15685	26.36%	20837	35.02%	134	0.23%	21	0.04%	583	0.98%	11	0.02%	703	1.18%	53	0.09%
26-Mar-13	LW157_HMMWV	46662	12851	27.54%	20117	43.11%	62	0.13%	82	0.18%	215	0.46%	7	0.02%	339	0.73%	110	0.24%
26-Mar-13	LW162_HMMWV	59110	9317	15.76%	13582	22.98%	55	0.09%	26	0.04%	651	1.10%	53	0.09%	660	1.12%	146	0.25%
26-Mar-13	LW202_HMMWV	14477	1424	9.84%	8577	59.25%	48	0.33%	17	0.12%	93	0.64%	12	0.08%	142	0.98%	40	0.28%
26-Mar-13	LW208_HMMWV	67537	11855	17.55%	14862	22.01%	79	0.12%	46	0.07%	560	0.83%	45	0.07%	562	0.83%	161	0.24%
26-Mar-13	LW237_HMMWV	51032	6495	12.73%	13951	27.34%	257	0.50%	61	0.12%	473	0.93%	70	0.14%	669	1.31%	138	0.27%
26-Mar-13	LW247_HMMWV	76705	4516	5.89%	12451	16.23%	304	0.40%	44	0.06%	848	1.11%	136	0.18%	991	1.29%	272	0.35%
26-Mar-13	LW258_HMMWV	105	0	0.00%	105	100.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
26-Mar-13	LW259_HMMWV	19571	1401	7.16%	9045	46.22%	52	0.27%	15	0.08%	147	0.75%	19	0.10%	157	0.80%	64	0.33%
26-Mar-13	LW310_HMMWV	41519	3480	8.38%	10028	24.15%	134	0.32%	67	0.16%	391	0.94%	33	0.08%	424	1.02%	154	0.37%
26-Mar-13	LW324_HMMWV	48348	3272	6.77%	8709	18.01%	131	0.27%	11	0.02%	344	0.71%	75	0.16%	445	0.92%	108	0.22%
26-Mar-13	LW365_HMMWV	45266	5003	11.05%	19139	42.28%	78	0.17%	39	0.09%	317	0.70%	67	0.15%	363	0.80%	104	0.23%
26-Mar-13	LW413_HMMWV	51185	12256	23.94%	8851	17.29%	100	0.20%	38	0.07%	869	1.70%	66	0.13%	910	1.78%	130	0.25%
26-Mar-13	LW414_HMMWV	60563	4901	8.09%	11474	18.95%	74	0.12%	9	0.01%	381	0.63%	57	0.09%	447	0.74%	92	0.15%
26-Mar-13	LW526_HMMWV	53695	7535	14.03%	14926	27.80%	93	0.17%	66	0.12%	380	0.71%	10	0.02%	457	0.85%	99	0.18%
26-Mar-13	LW598_HMMWV	84494	17646	20.88%	40269	47.66%	245	0.29%	35	0.04%	697	0.82%	70	0.08%	941	1.11%	152	0.18%
13-May-13	LW057_HMMWV	60837	5443	8.95%	12511	20.56%	1543	2.54%	6	0.01%	1704	2.80%	11	0.02%	1825	3.00%	36	0.06%
13-May-13	LW131_HMMWV	40890	13299	32.52%	14794	36.18%	834	2.04%	71	0.17%	741	1.81%	19	0.05%	1002	2.45%	93	0.23%
13-May-13	LW138_HMMWV	32567	1302	4.00%	8147	25.02%	71	0.22%	13	0.04%	227	0.70%	14	0.04%	339	1.04%	46	0.14%
13-May-13	LW151_HMMWV	46821	2736	5.84%	8923	19.06%	129	0.28%	77	0.16%	559	1.19%	80	0.17%	615	1.31%	240	0.51%
13-May-13	LW154_HMMWV	41406	1848	4.46%	8425	20.35%	217	0.52%	26	0.06%	817	1.97%	107	0.26%	1069	2.58%	166	0.40%
13-May-13	LW162_HMMWV	90452	4683	5.18%	25390	28.07%	514	0.57%	143	0.16%	1489	1.65%	244	0.27%	2054	2.27%	418	0.46%
13-May-13	LW236_HMMWV	50688	15739	31.05%	6881	13.58%	31	0.06%	16	0.03%	132	0.26%	18	0.04%	157	0.31%	54	0.11%
13-May-13	LW288_HMMWV	62012	9479	15.29%	9918	15.99%	45	0.07%	21	0.03%	159	0.26%	17	0.03%	181	0.29%	202	0.33%
13-May-13	LW310_HMMWV	475	0	0.00%	475	100.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
13-May-13	LW318_HMMWV	4970	831	16.72%	1388	27.93%	12	0.24%	8	0.16%	35	0.70%	3	0.06%	37	0.74%	19	0.38%
13-May-13	LW365_HMMWV	57	0	0.00%	57	100.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
13-May-13	LW370_HMMWV	781	0	0.00%	781	100.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
13-May-13	LW413_HMMWV	53633	12000	22.37%	15896	29.64%	420	0.78%	20	0.04%	190	0.35%	37	0.07%	673	1.25%	67	0.12%
13-May-13	LW414_HMMWV	49907	2329	4.67%	11205	22.45%	373	0.75%	44	0.09%	514	1.03%	43	0.09%	961	1.93%	133	0.27%
13-May-13	LW526_HMMWV	77148	15196	19.70%	21450	27.80%	42	0.05%	17	0.02%	372	0.48%	24	0.03%	411	0.53%	71	0.09%
13-May-13	LW598_HMMWV	30795	6122	19.88%	4821	15.66%	36	0.12%	14	0.05%	134	0.44%	16	0.05%	155	0.50%	47	0.15%
13-May-13	LW601_HMMWV	21985	2263	10.29%	6203	28.21%	39	0.18%	7	0.03%	134	0.61%	6	0.03%	192	0.87%	27	0.12%
13-May-13	LW602_HMMWV	38361	8417	21.94%	6079	15.85%	44	0.11%	23	0.06%	379	0.99%	22	0.06%	408	1.06%	70	0.18%
13-May-13	STR03_STRYKER	54092	8754	16.18%	6878	12.72%	36	0.07%	7	0.01%	342	0.63%	14	0.03%	389	0.72%	27	0.05%
13-May-13	STR04_STRYKER	82078	19074	23.24%	24134	29.40%	39	0.05%	7	0.01%	1978	2.41%	129	0.16%	2030	2.47%	150	0.18%
13-May-13	STR09_STRYKER	43792	3172	7.24%	41048	93.73%	27	0.06%	6	0.01%	59	0.13%	3	0.01%	92	0.21%	20	0.05%
13-May-13	STR10_STRYKER	20996	1186	5.65%	3972	18.92%	21	0.10%	6	0.03%	84	0.40%	11	0.05%	112	0.53%	23	0.11%
17-Jun-13	LW057_HMMWV	76	0	0.00%	76	100.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
17-Jun-13	LW133_HMMWV	46472	6920	14.89%	11459	24.66%	25	0.05%	17	0.04%	1168	2.51%	537	1.16%	1013	2.18%	731	1.57%
17-Jun-13	LW138_HMMWV	3155	91	2.88%	1319	41.81%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	0	0.00%
17-Jun-13	LW152_HMMWV	41852	3084	7.37%	11330	27.07%	379	0.91%	95	0.23%	783	1.87%	73	0.17%	841	2.01%	182	0.43%
17-Jun-13	LW154_HMMWV	32567	1302	4.00%	8147	25.02%	71	0.22%	13	0.04%	227	0.70%	14	0.04%	339	1.04%	46	0.14%
17-Jun-13	LW202_HMMWV	44833	2757	6.15%	11426	25.49%	394	0.88%	96	0.21%	463	1.03%	284	0.63%	605	1.35%	356	0.79%
17-Jun-13	LW236_HMMWV	46821	2736	5.84%	8923	19.06%	129	0.28%	77	0.16%	559	1.19%	80	0.17%	615	1.31%	240	0.51%
17-Jun-13	LW237_HMMWV	75879	6739	8.88%	17250	22.73%	434	0.57%	137	0.18%	1236	1.63%	356	0.47%	1398	1.84%	532	0.70%
17-Jun-13	LW250_HMMWV	55565	4508	8.11%	13152	23.67%	85	0.15%	27	0.05%	861	1.55%	142	0.26%	961	1.73%	201	0.36%
17-Jun-13	LW258_HMMWV	48334	2452	5.07%	14253	29.49%	281	0.58%	77	0.16%	856	1.77%	135	0.28%	1145	2.37%	230	0.48%
17-Jun-13	LW310_HMMWV	41406	1848	4.46%	8425	20.35%	217	0.52%	26	0.06%	817	1.97%	107	0.26%	1069	2.58%	166	0.40%
17-Jun-13	LW324_HMMWV	3001	93	3.10%	1018	33.92%	0	0.00%	0	0.00%	0	0.00%	0	0.00%	4	0.13%	0	0.00%
17-Jun-13	LW370_HMMWV	5416	166	3.06%	2251	41.56%	16	0.30%	12	0.22%	29	0.54%	5	0.09%	39	0.72%	22	0.41%
17-Jun-13	LW414_HMMWV	3727	331	8.88%	1868	50.12%	18	0.48%	9	0.24%	27	0.72%	5	0.13%	40	1.07%	17	0.46%
17-Jun-13	LW526_HMMWV	57281	4817	8.41%	12246	21.38%	120	0.21%	21	0.04%	593	1.04%	145	0.25%	738	1.29%	190	0.33%
17-Jun-13	LW598_HMMWV	41895	4257	10.16%	11176	26.68%	177	0.42%	78	0.19%	525	1.25%	152	0.36%	586	1.40%	269	0.64%
17-Jun-13	LW601_HMMWV	40878	2189	5.35%	9829	24.04%	41	0.10%	19	0.05%	776	1.90%	185	0.45%	830	2.03%	224	0.55%
17-Jun-13	STR05_STRYKER	78819	6015	7.63%	15679	19.89%	113	0.14%	39	0.05%	4329	5.49%	185	0.23%	4381	5.56%	291	0.37%
17-Jun-13	STR09_STRYKER	77148	15196	19.70%	21450	27.80%	42	0.05%	17	0.02%	372	0.48%	24	0.03%	411	0.53%	71	0.09%
17-Jun-13	STR13_STRYKER	41562	3534	8.50%	7845	18.88%	59	0.14%	12	0.03%	1073	2.58%	29	0.07%	1142	2.75%	66	0.16%
Sum/Average Across All Events (*seconds*)		**44126.875**	**5648.0625**	**10.96%**	**11416.75**	**33.12%**	**149.53125**	**0.31%**	**32.46875**	**0.07%**	**542.53125**	**1.02%**	**67.390625**	**0.13%**	**633.8125**	**1.21%**	**129.15625**	**0.27%**
Sum/Average Across All Events (*hrs*)		**12.25746528**	**1.56890625**		**3.171319444**		**0.041536458**		**0.009019097**		**0.150703125**		**0.018719618**		**0.176059028**		**0.035876736**	

Table 4: Data Summarization Continued

SUMMARIZED BY EVENT (times in seconds)

Event Start Date	Number of Vehicle Files	All Moving Data	Moving Off-Road	Percent Traveling Time Off-Road	Time Outside of ARC Training Area*1	% Time Outside of ARC Training Area*1	Time within 100to200ft of RCW Nest Trees	% Time within 100to200ft of RCW Nest Trees	Time within 100ft of Nest Trees	% Time within 100ft of Nest Trees	Time within 100to200ft of Active RCW Trees	% Time within 100to200ft of Active RCW Trees	Time with 100ft of Active RCW Trees	% Time with 100ft of Active RCW Trees	Time within 100to200ft of Documented RCW Trees	% Time within 100to200ft of Documented RCW Trees	Time within 100ft of Documented RCW Trees	% Time within 100ft of Documented RCW Trees
		s	s	%	s	%	s	%	s	%	s	%	s	%	s	%	s	%
26-Mar-13	22	1132690	158568	14.00%	302174	26.68%	2496	0.22%	774	0.07%	9979	0.88%	1037	0.09%	11705	1.03%	2523	0.22%
13-May-13	22	904743	133873	14.80%	239376	26.46%	4473	0.49%	532	0.06%	10049	1.11%	818	0.09%	12702	1.40%	1909	0.21%
17-Jun-13	20	786687	69035	8.78%	189122	24.04%	2601	0.33%	772	0.10%	14694	1.87%	2458	0.31%	16157	2.05%	3834	0.49%
Sum of All Events	**64**	**2824120**	**361476**	**12.52%**	**730672**	**25.73%**	**9570**	**0.35%**	**2078**	**0.08%**	**34722**	**1.29%**	**4313**	**0.16%**	**40564**	**1.50%**	**8266**	**0.31%**

SUMMARIZED BY EVENT (time in hours)

Event Start Date	Number of Vehicle Files	All Moving Data	Moving Off-Road	Percent Traveling Time Off-Road	Time Outside of ARC Training Area*1	% Time Outside of ARC Training Area*1	Time within 100to200ft of RCW Nest Trees	% Time within 100to200ft of RCW Nest Trees	Time within 100ft of Nest Trees	% Time within 100ft of Nest Trees	Time within 100to200ft of Active RCW Trees	% Time within 100to200ft of Active RCW Trees	Time with 100ft of Active RCW Trees	% Time with 100ft of Active RCW Trees	Time within 100to200ft of Documented RCW Trees	% Time within 100to200ft of Documented RCW Trees	Time within 100ft of Documented RCW Trees	% Time within 100ft of Documented RCW Trees
		hr	hr	%	hr	%	hr	%	hr	%	hr	%	hr	%	hr	%	hr	%
26-Mar-13	22	314.6361111	44.04666667	14.00%	83.93722222	26.68%	0.693333333	0.22%	0.215	0.07%	2.771944444	0.88%	0.288055556	0.09%	3.251388889	1.03%	0.700833333	0.22%
13-May-13	22	251.3175	37.18694444	14.80%	66.49333333	26.46%	1.2425	0.49%	0.147777778	0.06%	2.791388889	1.11%	0.227222222	0.09%	3.528333333	1.40%	0.530277778	0.21%
17-Jun-13	20	218.5241667	19.17638889	8.78%	52.53388889	24.04%	0.7225	0.33%	0.214444444	0.10%	4.081666667	1.87%	0.682777778	0.31%	4.488055556	2.05%	1.065	0.49%
Sum of All Events	**64**	**784.4777778**	**100.41**	**12.52%**	**202.9644444**	**25.73%**	**2.658333333**	**0.35%**	**0.577222222**	**0.08%**	**9.645**	**1.29%**	**1.198055556**	**0.16%**	**11.26777778**	**1.50%**	**2.296111111**	**0.31%**

Note: *1 - % Time Outside of ARC Training Area reflects tracking data occurring outside the primary designated ARC training areas. Data includes all ARC training occurring in the GHMTA as well as logistical travel on hardball roads linking the primary ARC training areas, motor pools, and other service areas where potential RCW impacts were considered to be of minimal concern.

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19 Sept 2014

Vehicle Tracking and Analysis at Fort Benning, GA to Support RCW Response to Military Training Studies: FY 14 Yearly Data Summary

Objectives:

The purpose of this project is to track and analyze vehicle movement of the Armor School and other heavy maneuver training. Results will be used to provide quantified vehicle movement patterns to an existing Heavy Maneuver Effects Monitoring Program. This document summarizes data collected during FY 14 during the Red-Cockaded Woodpecker (RCW) nesting period from 01 April thru 30 July (Table 1). The report contains a description of tracking events and resultant data, and defines assumptions required for the analyses. Finally, summary tables and maps of the data are provided. This data, along with more detailed and comprehensive summary maps, were provided to the project sponsor for FY14 RCW nesting as well as FY 14 Yearly Data Summary.

Table 1: Description of Training Events Collected

Class #	Start Date	Ending Date	# Vehicles Tracked
1	4/10/2014	4/20/2014	16
2	5/16/2014	5/24/2014	12

Input Data Requirements:

- Raw Vehicle Tracking Data (VDM and VTS)
- Fort Benning Roads Layer from Tim Marston (milops_road_centerline.shp)
- Fort Benning RCW tree point files (broken into active tree, nest trees, and all trees) (ARC_TA_RCW_TREE_ACT.shp, ARC_TA_RCW_TREE_NEST.shp, ARC_TA_RCW_TREE_ALL.shp)
- Fort Benning ARC Training Area Layer compiled from discussions with Tim Marston (includes ARC training areas and 80 m buffer around roads connecting ARC training areas) (ARC_DJK_Combined_OK.shp)
- Layer of Benning Parking lots (for improved off-road estimation) (DJK_Benning_Parkinglot.shp)

Assumptions:

- A 20 m buffer (on either side of road) was used to determine off-road travel. This accounts for errors in the roads layer and GPS tracking points. Previous work has determined a 20 m buffer as the most accurate in estimating the extent of off-road training.
- The Fort Benning ARC Training Area layer was assumed to be the extent of the area set aside for training. This layer incorporates the ARC training areas (+ a 20 m buffer in the case that a road skirts the boundary of the layer), cantonment, and major roads linking training areas to cantonment.
- The values reported are only for ***moving*** training data. VDM units shut down when a vehicle is stationary. Non-zero velocity VTS data is filtered out. If a vehicle was stationary on the side of a road or in proximity to an RCW tree, this non-moving data would not contribute to the time spent on road or near an RCW tree.

Process Steps:

1) Preprocessed Vehicle Dynamics Monitor (VDM - tan vehicle tracking unit) and Vehicle Tracking System (VTS - grey vehicle tracking unit) collected data into standard text file. This data is collected in one-second intervals.
2) Calculated vehicle dynamic properties (for removal of non-moving data)
3) Imported text file with calculated values into ArcGIS 10 as a point shapefile (one shapefile for every vehicle tracked).
4) Projected the shapefile to WGS_1984_UTM_Zone_16N
5) Determined the distance from every collected data point from the nearest documented RCW tree, active RCW trees, and nest RCW tree, using 2014 data generated by Fort Benning Environmental Management Division.
6) Fort Benning Environmental Management Division has a nondiscretionary requirement to address concerns of the U.S. Fish & Wildlife Service regarding military training inside a 200 ft (61 m) buffer around every RCW nest tree. All collected data points less than 200 ft (61 m) from a RCW nest tree (and "all" and active) were copied onto a separate shapefile.
7) Calculated the percent of data on and off-road using the Fort Benning Roads Layer. A 20 m buffer is placed around the roads layer to account for inaccuracies both in the vehicle tracking data and the road layer. Additionally, a layer outlining Fort Benning's parking lots and motor pools was used to remove "off-road" data that truly was not off-road in nature. The percent time off road is calculated by dividing the number of points off road by the total number of points collected (the sampling interval is a constant 1 second).
8) A similar process was utilized to determine all tracking data occurring outside the primary training areas (Figure 3) that were designated for the Armor School ARC training. This portion of the data includes all ARC training occurring in the Goodhope Maneuver Training Area (GHMTA), as well as logistical travel on hardball roads linking the ARC training areas, motor pools, and other service areas where potential RCW impacts were considered to be of minimal concern. This data was copied into a separate shapefile and the percent of data outside of these 3 primary ARC training areas was calculated.
9) Data was summarized into vector shapefiles and an excel spreadsheet by vehicle, by event, by breeding season (01 April – 30 July 2014), and across all events.
10) Summary maps were created to illustrate training patterns and training area usage. Additional maps were created that identify specific training near RCW clusters.

Data Collected:

SUMMARIZING DATA BY EVENT or ACROSS MULTIPLE EVENTS

1) For FY14 Data, Event Summary files were created for each event including the following shapefiles (*Note: all Event Summary files described below were summarized by vehicle for each event):*
    a. Points within 100 ft of Active RCW Trees (Benning_EventDate_ACT100ft.shp)
    b. Points within 100 ft of All documented RCW Trees (Benning_EventDate_ALL100ft.shp)
    c. Points within 100 ft of RCW Nest Trees (Benning_EventDate_NEST100ft.shp)

d. Points between 100-200 ft of Active RCW Trees (Benning_EventDate_ACT200ft.shp)
e. Points between 100-200 ft of All documented RCW Trees (Benning_EventDate_ALL200ft.shp)
f. Points between 100-200 ft of RCW Nest Trees (Benning_EventDate_NEST200ft.shp)
g. Polyline vector file of ALL tracking data from Event (allowing rapid assessment of where vehicles went without bogging down computer with large point vector files). (Benning_EventDate_All_Data_lines.shp)
h. A single point vector file of ALL tracking data for Event (Benning_EventDate_All_Data_points.shp)
i. A single point vector file of all OFF-ROAD data for Event (Benning_EventDate_OffRoad_points.shp)
j. A single point vector file of all training data outside of the approved Training Area for event (Benning_EventDate_OutsideTA_points).

2) The ArcToolBox Merge function (Data Management Tools->General->Merge) was used to merge all of the vehicle specific vector files for each analysis into a single Event Summary vector file. *Note: Right click the Merge tool to run in batch mode (i.e., create more than one of the summary files, a-j in, a single run).*
3) For FY14 Data summary files were created for All_Data (from two (2) tracked events) and for Breeding Season (10 April and 16 May events) using the same methods described in Step 2. *Note: Naming conventions were maintained from Step 1 replacing EventDate with first tracking date.*

Data Summary:

Using the processes described above and in the Project Management Plan (PMP), the two Armor School Army Reconnaissance Course (ARC) classes were monitored with vehicle tracking units. These events generally consisted of 13 and 8 M1025 (HMMWV) vehicles and four (4) M1127 (Stryker RV) vehicles. While the course consisted of three major phases, only the second and third phases were tracked as the first phase consisted only of dismounted reconnaissance training. The second and third phases consisted of mounted/dismounted exercises culminating in a zone reconnaissance and security exercise. Figure 1 illustrates all of the data collected during these two training events tracked in FY14.

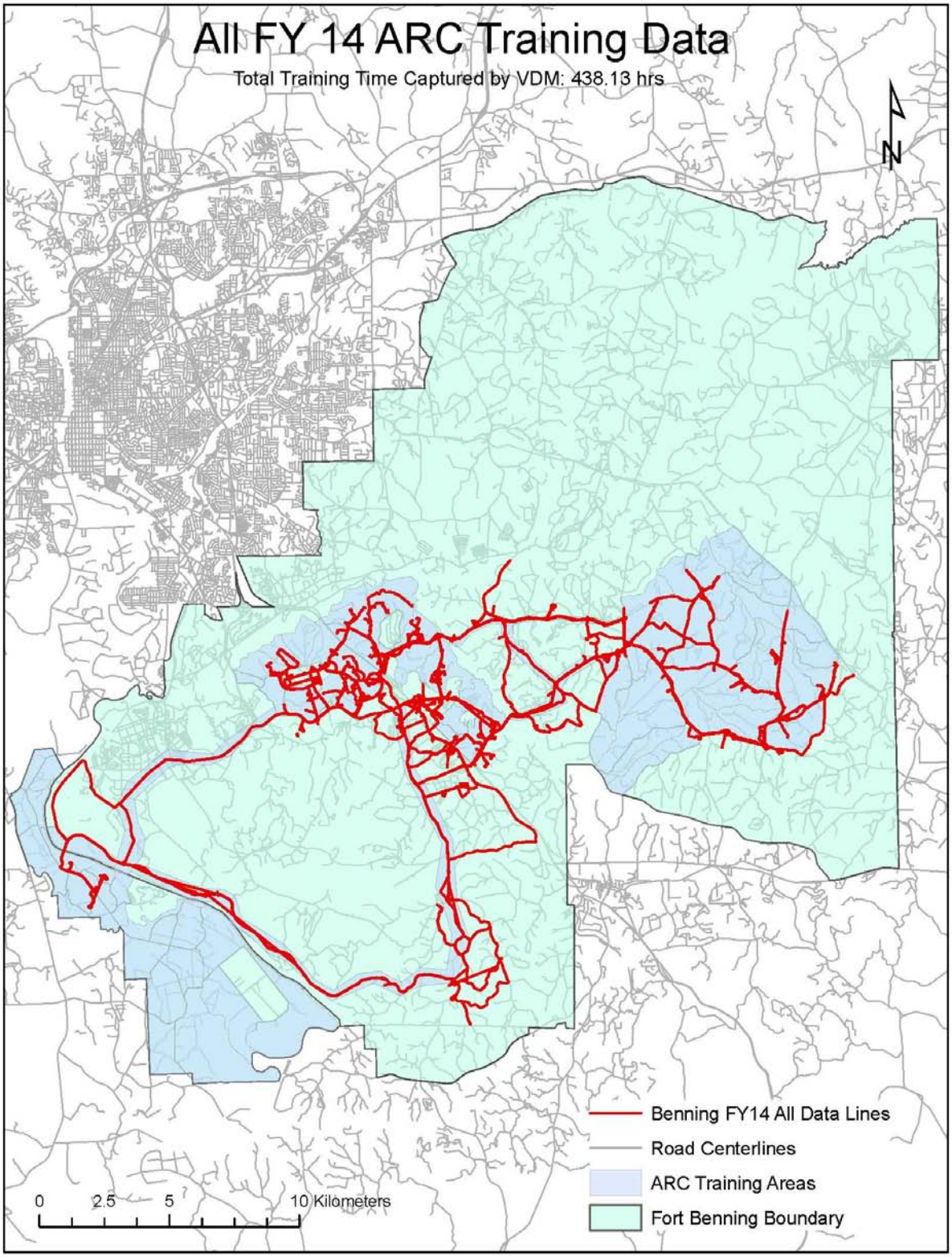


Figure 1: Map of all training data collected during the two ARC training events tracked during FY 14.

The collected data from these events were compiled into summary tables (Tables 2-4) and maps (Figure 2-3). Examples and the main findings are summarized in this document. However, a more comprehensive set of maps were provided to the project sponsor along with all processed vehicle tracking GIS shapefiles. A total of 28 (438.13 hrs of moving data) vehicle event files were collected across the two events with all (438.13 hrs of moving data) of those taking place during the sponsor identified RCW breeding season (Table 1). During the breeding season 1.42 hrs and 6.57 hrs of training data were collected within 100 ft and 100-200 ft, respectively, of Active RCW trees. These numbers were then reduced to 0.38 hrs (22.8 min) and 3.29 hrs (197.4 min), respectively, when considering only RCW Nest Cavity Trees. Figure 2 illustrates training occurring within the ARC area within 100 and 200 ft of RCW Nest Cavity 4641A Tree for the D11-C Nest Cluster during the breeding season. Figure 3 illustrates training occurring outside of the ARC area, within 100 and 200 ft of RCW Nest Cavity 6881 Tree for the HCC_B Nest Cluster.

Table 2: Data collected summarized by breeding season for all three classes. For more detail see Tables 3-4.

FY14 Summarized Data For All Events		
	Units	Across Breeding Season
Number of Vehicle Files		29.00
All Moving Data	hr	438.13
Off-Road	hr	94.12
	% of Total	0.20
Outside of ARC Training Area	hr	85.92
	% of Total	0.20
Within 100 ft of Nest Trees	hr	0.38
	% of Total	0.00
Between 100-200 ft of Nest Trees	hr	3.29
	% of Total	0.01
Within 100 ft of Active RCW Trees	hr	1.42
	% of Total	0.00
Between 100-200 ft of Active RCW Trees	hr	6.57
	% of Total	0.02
Within 100 ft of All Documented RCW Trees	hr	1.76
	% of Total	0.00
Between 100-200 ft of All Documented RCW Trees	hr	7.30
	% of Total	0.02

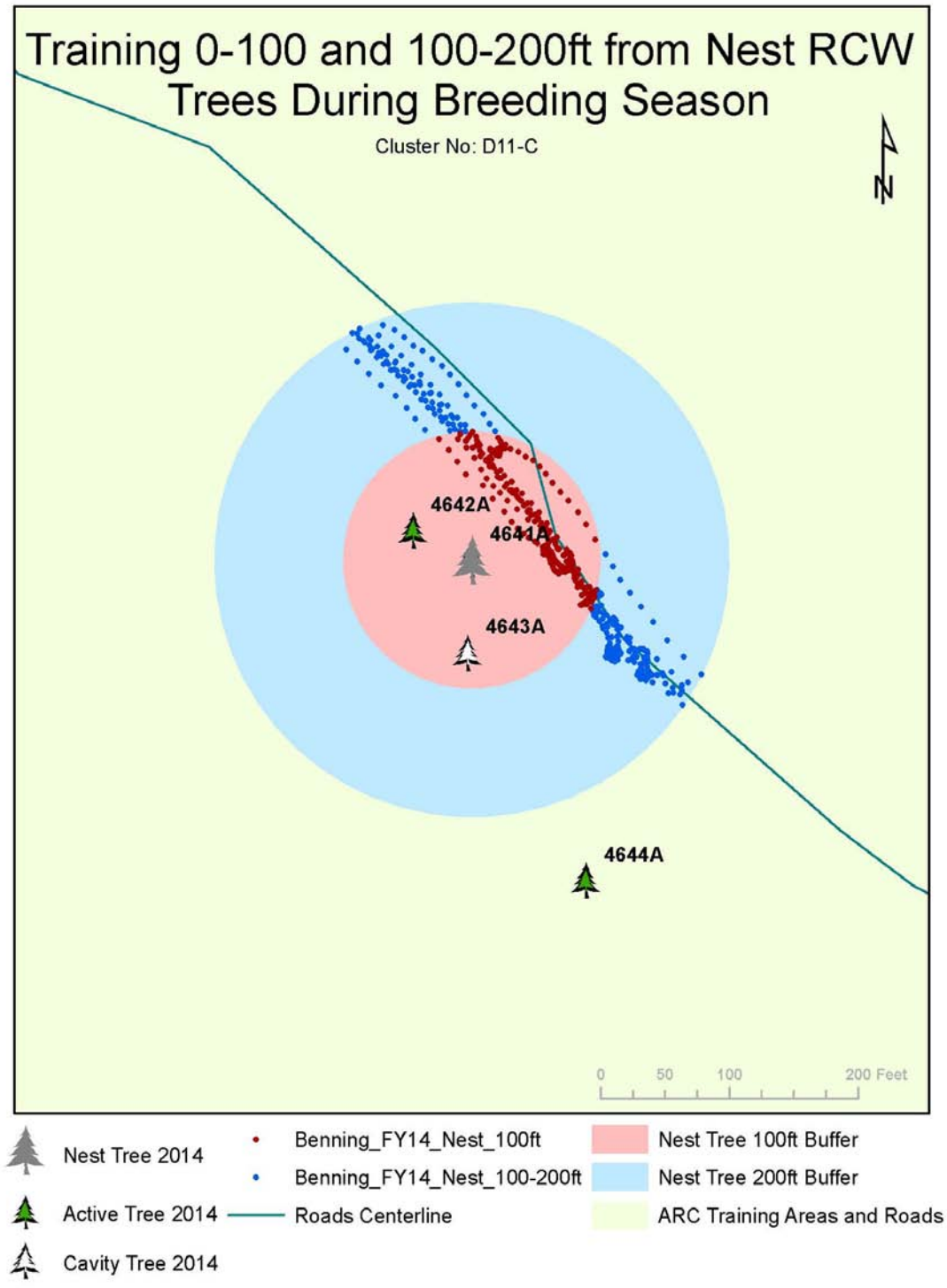


Figure 2: Map of training data within 100 and 200 ft from identified RCW Nest Tree 4641A during the FY14 RCW breeding season for one RCW D11-C cluster. Each point represents 1 second of moving vehicle data. Similar maps were provided to the project sponsor for each impacted RCW cluster.

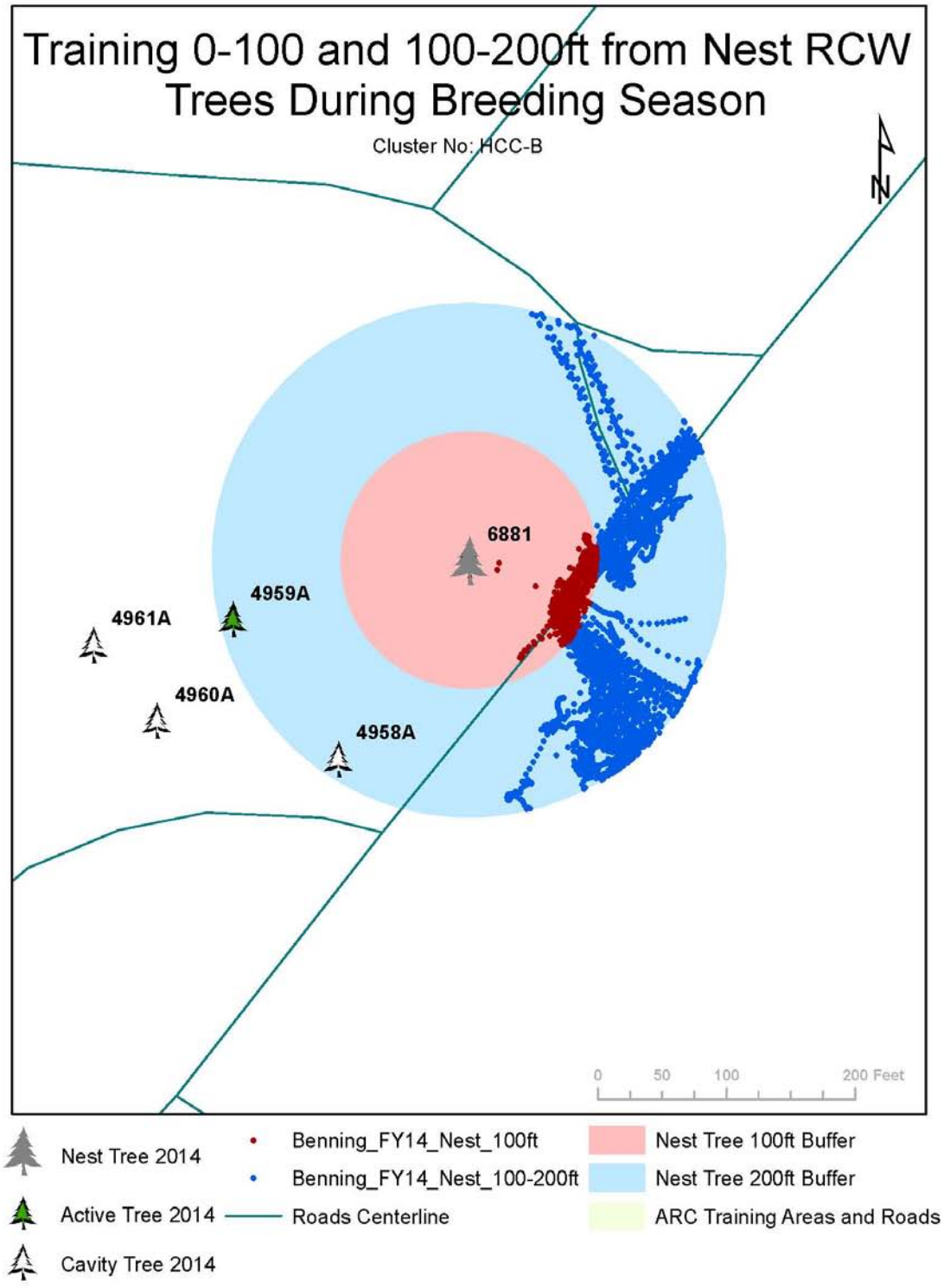


Figure 3: Map of training data occurring outside of ARC area. Buffers of 100 and 200 ft from identified RCW Nest Tree 6881 during the FY14 RCW breeding season for one RCW HCC_B cluster. Each point represents 1 second of moving vehicle data. Similar maps were provided to the project sponsor for each impacted RCW cluster.

Across all events, 20.17% of the training time was spent off of defined roads, trails, or parking lots/motor pools relative to the 2012 Fort Benning Roads Layers. A layer of expected ARC training areas was created through discussions with the project sponsor. Areas included the ARC training areas, cantonment, and the major roads/trails linking these areas. 20.03% (85.92 hrs) of the training took place outside of these areas while off-road (Figure 3).

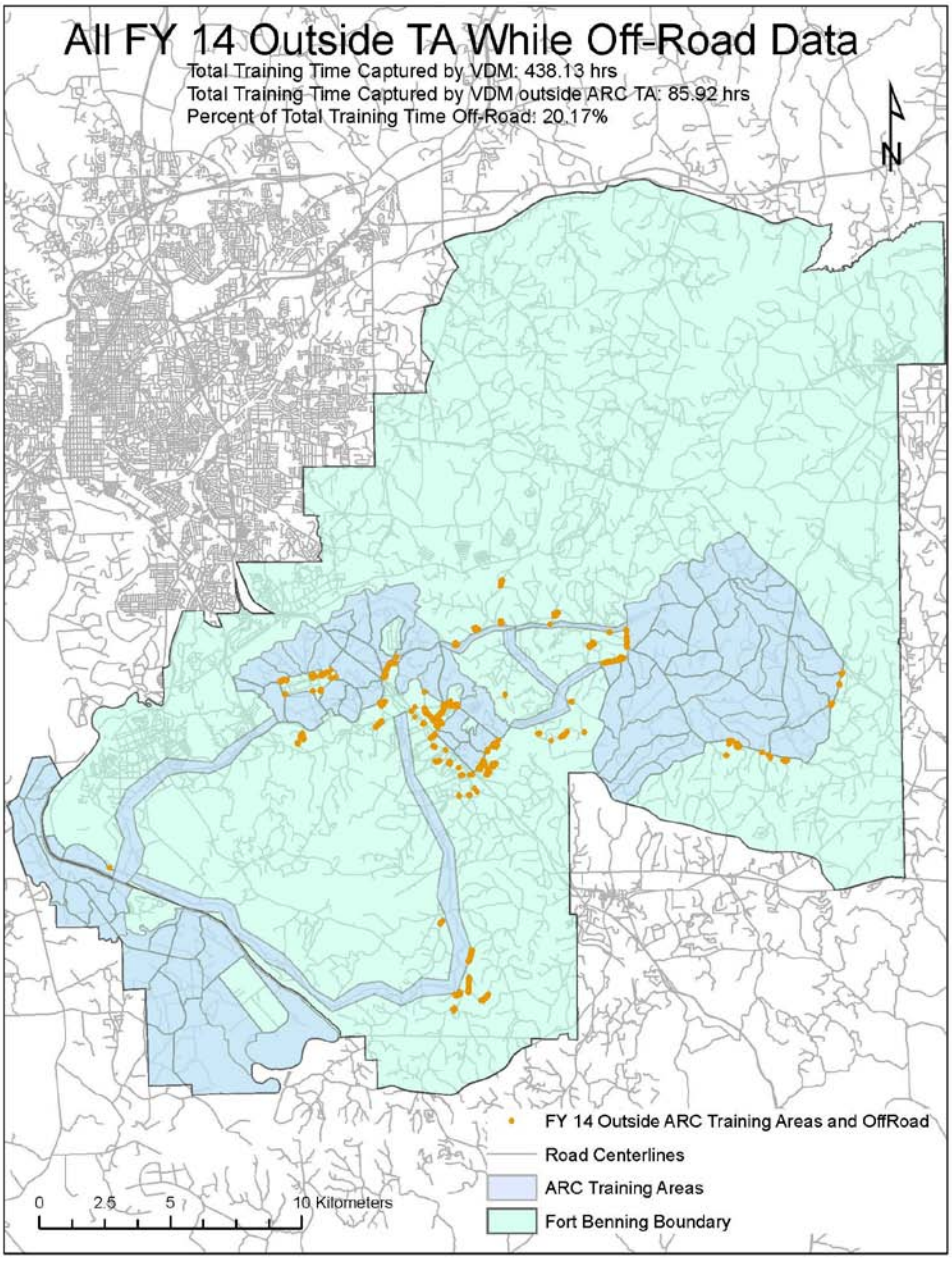


Figure 3: Map of training data outside of defined ARC training areas and off-road during the two FY14 training classes.

ERDC-CERL
19 Sept 2014

SUMMARIZED BY VEHICLE (time in second

Event Start Date	VEHICLEID_TYPE File Naming Convention: (Benning_VEHICLEID_TYPE_EventStartDate_move)	All Moving Data	Moving Off-Road	Percent Traveling Time Off-Road	Time Outside of ARC Training Area*[1]	% Time Outside of ARC Training Area*[1]	Time within 100to200ft of RCW Nest Trees	% Time within 100to200ft of RCW Nest Trees	Time within 100ft of Nest Trees	% Time within 100ft of Nest Trees	Time within 100to200ft of Active RCW Trees	% Time within 100to200ft of Active RCW Trees	Time with 100ft of Active RCW Trees	% Time with 100ft of Active RCW Trees	Time within 100to200ft of Documented RCW Trees	% Time within 100to200ft of Documented RCW Trees	Time within 100ft of Documented RCW Trees	% Time within 100ft of Documented RCW Trees
		s	s	%	s	%	s	%	s	%	s	%	s	%	s	%	s	%
10-Apr-14	LW015_HMMWV	88852	35966	40.48%	21535	24.24%	196	0.22%	8	0.01%	685	0.77%	185	0.21%	726	0.82%	200	0.23%
10-Apr-14	LW169_HMMWV	48570	10277	21.16%	6372	13.12%	166	0.34%	25	0.05%	665	1.37%	215	0.44%	667	1.37%	284	0.58%
10-Apr-14	LW180_HMMWV	82142	33041	40.22%	26567	32.34%	708	0.86%	92	0.11%	1280	1.56%	123	0.15%	1458	1.77%	142	0.17%
10-Apr-14	LW236_HMMWV	36844	10023	27.20%	13499	36.64%	108	0.29%	11	0.03%	252	0.68%	46	0.12%	253	0.69%	89	0.24%
10-Apr-14	LW237_HMMWV	52676	13453	25.54%	8523	16.18%	249	0.47%	68	0.13%	708	1.34%	219	0.42%	741	1.41%	283	0.54%
10-Apr-14	LW239_HMMWV	58301	11829	20.29%	9139	15.68%	199	0.34%	56	0.10%	538	0.92%	112	0.19%	647	1.11%	159	0.27%
10-Apr-14	LW250_HMMWV	78061	8604	11.02%	12413	15.90%	264	0.34%	61	0.08%	1048	1.34%	335	0.43%	1272	1.63%	410	0.53%
10-Apr-14	LW251_HMMWV	42948	10317	24.02%	6423	14.96%	59	0.14%	6	0.01%	207	0.48%	25	0.06%	280	0.65%	35	0.08%
10-Apr-14	LW289_HMMWV	28071	1421	5.06%	5345	19.04%	83	0.30%	18	0.06%	295	1.05%	74	0.26%	364	1.30%	109	0.39%
10-Apr-14	LW327_HMMWV	49419	9070	18.35%	7034	14.23%	187	0.38%	78	0.16%	488	0.99%	133	0.27%	595	1.20%	168	0.34%
10-Apr-14	LW358_HMMWV	65118	20919	32.12%	10814	16.61%	200	0.31%	6	0.01%	646	0.99%	97	0.15%	687	1.06%	120	0.18%
10-Apr-14	LW366_HMMWV	118234	43251	36.58%	35356	29.90%	1089	0.92%	109	0.09%	2301	1.95%	556	0.47%	2383	2.02%	876	0.74%
10-Apr-14	LW416_HMMWV	118380	27830	23.51%	18261	15.43%	361	0.30%	50	0.04%	1856	1.57%	463	0.39%	1981	1.67%	527	0.45%
10-Apr-14	STR07_STRYKER	23558	1194	5.07%	3615	15.35%	95	0.40%	17	0.07%	315	1.34%	39	0.17%	378	1.60%	52	0.22%
10-Apr-14	STR11_STRYKER	22607	974	4.31%	4578	20.25%	110	0.49%	6	0.03%	363	1.61%	61	0.27%	460	2.03%	74	0.33%
10-Apr-14	STR14_STRYKER	70949	6590	9.29%	7763	10.94%	280	0.39%	24	0.03%	717	1.01%	121	0.17%	913	1.29%	172	0.24%
10-Apr-14	STR60_STRYKER	94554	11380	12.04%	6686	7.07%	314	0.33%	18	0.02%	776	0.82%	113	0.12%	993	1.05%	157	0.17%
16-May-14	LW148_HMMWV	47895	11934	24.92%	9454	19.74%	990	2.07%	36	0.08%	1225	2.56%	132	0.28%	1236	2.58%	140	0.29%
16-May-14	LW237_HMMWV	57337	8068	14.07%	12528	21.85%	968	1.69%	74	0.13%	1190	2.08%	292	0.51%	1473	2.57%	315	0.55%
16-May-14	LW251_HMMWV	4064	202	4.97%	1672	41.14%	175	4.31%	33	0.81%	232	5.71%	44	1.08%	231	5.68%	49	1.21%
16-May-14	LW327_HMMWV	37545	6806	18.13%	7818	20.82%	496	1.32%	38	0.10%	835	2.22%	229	0.61%	862	2.30%	238	0.63%
16-May-14	LW358_HMMWV	59959	10219	17.04%	13414	22.37%	878	1.46%	74	0.12%	1234	2.06%	202	0.34%	1294	2.16%	222	0.37%
16-May-14	LW366_HMMWV	2093	73	3.49%	1640	78.36%	72	3.44%	17	0.81%	72	3.44%	17	0.81%	82	3.92%	17	0.81%
16-May-14	LW377_HMMWV	51951	9613	18.50%	14755	28.40%	724	1.39%	67	0.13%	1170	2.25%	298	0.57%	1202	2.31%	313	0.60%
16-May-14	LW416_HMMWV	42548	7705	18.11%	9480	22.28%	619	1.45%	97	0.23%	867	2.04%	162	0.38%	995	2.34%	172	0.40%
16-May-14	STR07_STRYKER	52183	8305	15.92%	8384	16.07%	619	1.19%	93	0.18%	1030	1.97%	193	0.37%	1229	2.36%	236	0.45%
16-May-14	STR09_STRYKER	45693	6627	14.50%	10206	22.34%	288	0.63%	54	0.12%	497	1.09%	156	0.34%	592	1.30%	185	0.40%
16-May-14	STR13_STRYKER	58238	8819	15.14%	10476	17.99%	876	1.50%	63	0.11%	1497	2.57%	277	0.48%	1557	2.67%	364	0.63%
16-May-14	STR17_STRYKER	38466	4333	11.26%	5550	14.43%	453	1.18%	78	0.20%	657	1.71%	202	0.53%	718	1.87%	243	0.63%
Sum/Average Across All Events (*seconds*)		**54388.14**	**11684.24**	**18.36%**	**10665.52**	**22.19%**	**407.79**	**0.98%**	**47.48**	**0.14%**	**815.38**	**1.71%**	**176.59**	**0.36%**	**905.83**	**1.89%**	**219.00**	**0.44%**
Sum/Average Across All Events (*hrs*)		**15.11**	**3.25**		**2.96**		**0.11**		**0.01**		**0.23**		**0.05**		**0.25**		**0.06**	

Table 3: Summary of Vehicle Tracking Data for All Vehicles in FY 14

ERDC-CERL
19 Sept 2014

SUMMARIZED BY EVENT (times in seconds

Event Start Date	Number of Vehicle Files	All Moving Data	Moving Off-Road	Percent Traveling Time Off-Road	Time Outside of ARC Training Area*1	% Time Outside of ARC Training Area*1	Time within 100to200ft of RCW Nest Trees	% Time within 100to200ft of RCW Nest Trees	Time within 100ft of Nest Trees	% Time within 100ft of Nest Trees	Time within 100to200ft of Active RCW Trees	% Time within 100to200ft of Active RCW Trees	Time with 100ft of Active RCW Trees	% Time with 100ft of Active RCW Trees	Time within 100to200ft of Documented RCW Trees	% Time within 100to200ft of Documented RCW Trees	Time within 100ft of Documented RCW Trees	% Time within 100ft of Documented RCW Trees
		s	s	%	s	%	s	%	s	%	s	%	s	%	s	%	s	%
10-Apr-14	17	1079284	256139	23.73%	203923	18.89%	4668	0.43%	653	0.06%	13140	1.22%	2917	0.27%	14798	1.37%	3857	0.36%
16-May-14	12	497972	82704	16.61%	105377	21.16%	7158	1.44%	724	0.15%	10506	2.11%	2204	0.44%	11471	2.30%	2494	0.50%
Sum of All Even	**29**	**1577256**	**338843**	**20.17%**	**309300**	**20.03%**	**11826**	**0.93%**	**1377**	**0.10%**	**23646**	**1.66%**	**5121**	**0.36%**	**26269**	**1.84%**	**6351**	**0.43%**

SUMMARIZED BY EVENT (time in hours)

Event Start Date	Number of Vehicle Files	All Moving Data	Moving Off-Road	Percent Traveling Time Off-Road	Time Outside of ARC Training Area*1	% Time Outside of ARC Training Area*1	Time within 100to200ft of RCW Nest Trees	% Time within 100to200ft of RCW Nest Trees	Time within 100ft of Nest Trees	% Time within 100ft of Nest Trees	Time within 100to200ft of Active RCW Trees	% Time within 100to200ft of Active RCW Trees	Time with 100ft of Active RCW Trees	% Time with 100ft of Active RCW Trees	Time within 100to200ft of Documented RCW Trees	% Time within 100to200ft of Documented RCW Trees	Time within 100ft of Documented RCW Trees	% Time within 100ft of Documented RCW Trees
		hr	hr	%	hr	%	hr	%	hr	%	hr	%	hr	%	hr	%	hr	%
10-Apr-14	17	299.80	71.15	23.73%	56.65	18.89%	1.30	0.43%	0.18	0.06%	3.65	1.22%	0.81	0.27%	4.11	1.37%	1.07	0.36%
16-May-14	12	138.33	22.97	16.61%	29.27	21.16%	1.99	1.44%	0.20	0.15%	2.92	2.11%	0.61	0.44%	3.19	2.30%	0.69	0.50%
Sum of All Even	**29**	**438.13**	**94.12**	**20.17%**	**85.92**	**20.03%**	**3.29**	**0.93%**	**0.38**	**0.10%**	**6.57**	**1.66%**	**1.42**	**0.36%**	**7.30**	**1.84%**	**1.76**	**0.43%**

Table 4: Data Summarization Continued

Note: *1 - % Time Outside of ARC Training Area reflects tracking data occurring outside the primary designated ARC training areas. Data includes all ARC training occurring in the GHMTA as well as logistical travel on hardball roads linking the primary ARC training areas, motor pools, and other service areas where potential RCW impacts were considered to be of minimal concern.

APPENDIX D

RED-COCKADED WOODPECKER (RCW)
CAVITY TREES ASSOCIATED WITH CLUSTERS
IMPACTED BY THE PROPOSED
ENHANCED TRAINING ACTIONS

Appendix D. Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
A02-A	1474	Active	Cavity	Suitable	Natural	
A02-A	1474	Inactive	Start	Unsuitable	Natural	
A02-A	1474	Inactive	Cavity	Suitable	Natural	
A02-A	1474	Inactive	Cavity	Suitable	Natural	
A02-A	3835A	Inactive	Cavity	Suitable	Insert	
A02-A	5400A	Inactive	Cavity	Suitable	Insert	
A02-A	5704	Inactive	Cavity	Unsuitable	Natural	
A02-A	5704	Inactive	Cavity	Unsuitable	Natural	
A02-A	5793	Active	Cavity	Suitable	Natural	
A02-A	5940	Inactive	Cavity	Suitable	Natural	
A02-A	6916	Inactive	Cavity	Unsuitable	Natural	
A02-A	6916	Inactive	Cavity	Unsuitable	Natural	
A02-A	6973	Active	Cavity	Suitable	Natural	2014
A10-A	4531	Inactive	Cavity	Unsuitable	Natural	
A10-A	4785	Active	Cavity	Suitable	Natural	
A10-D	3494	Inactive	Cavity	Unsuitable	Natural	
A10-D	3494	Inactive	Cavity	Unsuitable	Natural	
A10-D	3494	Inactive	Start	Unsuitable	Natural	
A10-D	5893	Inactive	Cavity	Unsuitable	Natural	
A10-D	5893	Inactive	Cavity	Suitable	Natural	
A10-D	6912	Inactive	Cavity	Suitable	Natural	
A10-D	6971	Active	Cavity	Suitable	Natural	
A10-D	7015	Inactive	Cavity	Unsuitable	Natural	
A10-D	7191	Active	Cavity	Suitable	Natural	
A10-D	7323	Active	Cavity	Suitable	Natural	2014
A11-A	1644	Inactive	Cavity	Suitable	Natural	
A11-A	1644	Inactive	Cavity	Suitable	Natural	
A11-A	2498	Inactive	Cavity	Unsuitable	Natural	
A11-A	3950	Active	Cavity	Suitable	Natural	2014
A11-A	3950	Active	Cavity	Suitable	Natural	
A11-A	4710	Active	Cavity	Suitable	Natural	
A11-A	7402	Active	Cavity	Suitable	Natural	2014
A11-B	4194	Inactive	Start	Unsuitable	Natural	
A11-B	4194	Inactive	Cavity	Unsuitable	Natural	
A11-B	4194	Inactive	Cavity	Suitable	Natural	
A11-B	4822	Active	Cavity	Suitable	Natural	
A11-B	4822	Active	Cavity	Suitable	Natural	
A11-B	5882	Active	Cavity	Suitable	Natural	
A11-B	6153	Inactive	Cavity	Unsuitable	Natural	
A11-B	6154	Active	Cavity	Unsuitable	Natural	
A11-B	6596	Inactive	Cavity	Unsuitable	Natural	
A11-B	7400	Active	Cavity	Suitable	Natural	
A11-B	7401	Active	Cavity	Suitable	Natural	
A11-B	7431	Active	Cavity	Suitable	Natural	2014
A11-B	7466	Active	Cavity	Suitable	Natural	
A11-C	3700	Inactive	Start	Unsuitable	Natural	
A11-C	3700	Active	Cavity	Suitable	Natural	
A11-C	3700	Inactive	Start	Unsuitable	Natural	
A11-C	4934A	Inactive	Cavity	Suitable	Insert	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
A11-C	4934A	Inactive	Cavity	Suitable	Insert	
A11-C	4935A	Inactive	Cavity	Suitable	Insert	
A11-C	5069	Inactive	Cavity	Unsuitable	Natural	
A11-C	5550	Inactive	Cavity	Unsuitable	Natural	
A11-C	5742	Inactive	Cavity	Unsuitable	Natural	
A11-C	5884	Active	Cavity	Suitable	Natural	2014
A11-C	6151	Inactive	Cavity	Unsuitable	Natural	
A11-C	6727	Inactive	Cavity	Suitable	Natural	
A11-C	6727	Inactive	Cavity	Unsuitable	Natural	
A11-C	7399	Active	Cavity	Suitable	Natural	
A13-A	4657A	Active	Cavity	Suitable	Natural	2014
A13-A	4657A	Active	Cavity	Suitable	Natural	
A13-A	4657A	Active	Cavity	Suitable	Insert	
A13-A	4658A	Inactive	Cavity	Suitable	Insert	
A13-A	4660A	Inactive	Cavity	Unsuitable	Insert	
A13-A	5690	Inactive	Cavity	Unsuitable	Natural	
A13-A	5690	Inactive	Start	Unsuitable	Natural	
A13-A	5951A	Active	Cavity	Suitable	Insert	
A13-B	1221	Active	Cavity	Suitable	Natural	
A13-B	1221	Inactive	Cavity	Suitable	Natural	
A13-B	5267A	Active	Cavity	Suitable	Insert	
A13-B	5268A	Active	Cavity	Suitable	Insert	
A13-B	5268A	Active	Cavity	Suitable	Insert	
A13-B	5269	Inactive	Cavity	Unsuitable	Natural	
A13-B	7013	Active	Cavity	Suitable	Natural	
A13-B	7165	Active	Cavity	Suitable	Natural	
A13-B	7374	Active	Cavity	Suitable	Natural	2014
A13-B	7374	Active	Cavity	Suitable	Natural	
A14-B	2554A	Active	Cavity	Suitable	Insert	
A14-B	2554A	Inactive	Cavity	Unsuitable	Insert	
A14-B	2563A	Active	Cavity	Suitable	Insert	
A14-B	2564A	Active	Cavity	Suitable	Insert	
A14-B	4821	Inactive	Start	Unsuitable	Natural	
A14-B	4854	Active	Cavity	Suitable	Natural	
A14-B	4854	Active	Cavity	Suitable	Natural	
A14-B	5875	Active	Cavity	Suitable	Natural	
A14-B	6636	Active	Cavity	Suitable	Natural	
A14-B	6636	Active	Cavity	Suitable	Natural	
A14-B	6636	Active	Cavity	Suitable	Natural	
A14-B	6951	Active	Cavity	Suitable	Natural	2014
BB01-A	4629A	Active	Cavity	Suitable	Insert	
BB01-A	4629A	Active	Cavity	Suitable	Insert	
BB01-A	4630A	Inactive	Cavity	Unsuitable	Insert	
BB01-A	4630A	Active	Cavity	Suitable	Insert	
BB01-A	5266A	Active	Cavity	Suitable	Insert	
BB01-A	5266A	Active	Cavity	Suitable	Insert	
BB01-A	5452	Inactive	Start	Unsuitable	Natural	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
BB01-A	5452	Inactive	Cavity	Unsuitable	Natural	
BB01-A	5452	Active	Cavity	Suitable	Natural	
BB01-A	6045A	Active	Cavity	Suitable	Drilled	2014
BB01-A	6227	Inactive	Cavity	Unsuitable	Natural	
BB01-A	6227	Active	Cavity	Suitable	Natural	
BB01-B	6197	Inactive	Cavity	Unsuitable	Natural	
BB01-B	6197	Inactive	Cavity	Suitable	Natural	
BB01-B	7122	Active	Cavity	Suitable	Natural	2014
BB01-B	7151A	Active	Cavity	Suitable	Insert	
BB01-B	7152A	Active	Cavity	Suitable	Insert	
BB01-B	7153A	Active	Cavity	Suitable	Insert	
BB01-B	7470	Active	Cavity	Suitable	Natural	
BB08-A	4654A	Active	Cavity	Suitable	Insert	
BB08-A	4653A	Active	Cavity	Suitable	Insert	
BB08-A	4656A	Active	Cavity	Suitable	Insert	
BB08-A	5264A	Active	Cavity	Suitable	Insert	2014
BB08-A	5264A	Active	Cavity	Suitable	Insert	
BB08-A	5265	Active	Cavity	Suitable	Natural	
BB08-A	5265	Active	Cavity	Unsuitable	Natural	
BB08-A	5265	Active	Start	Unsuitable	Natural	
BB08-A	5265	Active	Start	Unsuitable	Natural	
BB08-A	5265	Active	Cavity	Suitable	Natural	
BB08-A	5492	Inactive	Start	Unsuitable	Natural	
C01-B	2856	Inactive	Start	Unsuitable	Natural	
C01-B	5382	Inactive	Cavity	Suitable	Natural	
C01-B	6108A	Active	Cavity	Suitable	Insert	
C01-B	6109A	Active	Cavity	Suitable	Insert	
C01-B	6110A	Active	Cavity	Suitable	Insert	
C02-A	1748	Inactive	Cavity	Unsuitable	Natural	
C02-A	6808	Inactive	Cavity	Suitable	Natural	
C02-A	4469A	Inactive	Cavity	Suitable	Insert	
C02-A	4469A	Inactive	Cavity	Suitable	Insert	
C02-A	4470A	Inactive	Cavity	Suitable	Insert	
C02-A	4471A	Inactive	Cavity	Unsuitable	Insert	
C02-A	4790	Inactive	Cavity	Unsuitable	Natural	
C02-A	4790	Inactive	Cavity	Unsuitable	Natural	
C02-A	5479	Inactive	Cavity	Unsuitable	Natural	
C02-A	5746	Inactive	Cavity	Unsuitable	Natural	
C02-A	6112A	Inactive	Cavity	Suitable	Insert	
C02-A	6112A	Inactive	Cavity	Suitable	Insert	
C02-A	6113A	Active	Cavity	Suitable	Insert	
C02-A	6972	Active	Cavity	Suitable	Natural	
C02-A	6972	Active	Cavity	Suitable	Natural	
C02-A	7433	Active	Cavity	Suitable	Natural	2014
C02-B	4264A	Inactive	Cavity	Unsuitable	Insert	
C02-B	4265A	Inactive	Cavity	Suitable	Insert	
C02-B	4265A	Inactive	Cavity	Suitable	Insert	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
C02-B	6106A	Active	Cavity	Suitable	Insert	
C02-B	6107A	Active	Cavity	Suitable	Insert	
C02-B	7437	Active	Cavity	Suitable	Natural	2014
D03-A	3760A	Active	Cavity	Suitable	Insert	
D03-A	3761A	Active	Cavity	Suitable	Insert	
D03-A	3762A	Active	Cavity	Suitable	Insert	
D03-A	5274	Inactive	Cavity	Unsuitable	Natural	
D03-A	5276	Active	Cavity	Suitable	Natural	2014
D03-A	5276	Inactive	Start	Unsuitable	Natural	
D03-A	6118	Inactive	Cavity	Unsuitable	Natural	
D03-A	6218	Inactive	Cavity	Unsuitable	Natural	
D03-A	6230	Inactive	Cavity	Unsuitable	Natural	
D03-A	6230	Inactive	Cavity	Suitable	Natural	
D06-B	5408A	Inactive	Cavity	Suitable	Drilled	
D06-B	5408A	Inactive	Cavity	Unsuitable	Drilled	
D06-B	5409A	Inactive	Cavity	Unsuitable	Drilled	
D06-B	5410A	Inactive	Cavity	Suitable	Insert	
D06-B	5410A	Active	Cavity	Suitable	Insert	
D06-B	5410A	Inactive	Cavity	Suitable	Insert	
D06-B	5410A	Active	Cavity	Suitable	Insert	
D06-B	5410A	Active	Cavity	Suitable	Insert	
D06-B	5410A	Active	Cavity	Suitable	Insert	
D06-B	5411A	Active	Cavity	Suitable	Insert	2014
D06-B	5411A	Active	Cavity	Suitable	Insert	
D06-B	6619	Inactive	Cavity	Unsuitable	Natural	
D06-B	7445	Active	Cavity	Suitable	Natural	
D07-A	4645A	Active	Cavity	Suitable	Insert	
D07-A	4645A	Active	Cavity	Suitable	Insert	
D07-A	4646A	Active	Cavity	Suitable	Insert	
D07-A	4648A	Active	Cavity	Suitable	Insert	
D07-A	5270A	Active	Cavity	Suitable	Insert	2014
D07-A	5270A	Active	Cavity	Suitable	Insert	
D07-A	5657	Active	Cavity	Unsuitable	Natural	
D07-A	5657	Inactive	Start	Unsuitable	Natural	
D07-A	5657	Inactive	Start	Unsuitable	Natural	
D07-A	7443	Active	Start	Unsuitable	Natural	
D07-A	7443	Active	Cavity	Suitable	Natural	
D09-A	0176	Inactive	Cavity	Unsuitable	Natural	
D09-A	0176	Inactive	Cavity	Unsuitable	Natural	
D09-A	0176	Inactive	Cavity	Suitable	Natural	
D09-A	2387	Inactive	Cavity	Unsuitable	Natural	
D09-A	2387	Inactive	Cavity	Unsuitable	Natural	
D09-A	4536	Active	Cavity	Suitable	Natural	2014
D09-A	5604	Inactive	Cavity	Suitable	Natural	
D09-A	5815A	Active	Cavity	Suitable	Drilled	
D09-A	5816A	Active	Cavity	Suitable	Drilled	
D09-A	6128	Inactive	Cavity	Unsuitable	Natural	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
D09-A	7434	Active	Cavity	Suitable	Natural	
D09-A	7435	Active	Cavity	Suitable	Natural	
D09-B	3237	Active	Cavity	Suitable	Natural	
D09-B	3237	Inactive	Cavity	Unsuitable	Natural	
D09-B	3823A	Inactive	Cavity	Suitable	Insert	
D09-B	3823A	Inactive	Cavity	Suitable	Insert	
D09-B	3951	Inactive	Cavity	Suitable	Natural	
D09-B	4941A	Active	Cavity	Suitable	Insert	
D09-B	7038A	Active	Cavity	Suitable	Insert	
D09-B	7039A	Active	Cavity	Suitable	Insert	2014
D09-C	2637A	Inactive	Cavity	Suitable	Insert	
D09-C	2638A	Active	Cavity	Suitable	Insert	
D09-C	2638A	Inactive	Start	Unsuitable	Natural	
D09-C	2676A	Inactive	Cavity	Unsuitable	Insert	
D09-C	2676A	Active	Cavity	Suitable	Insert	
D09-C	4942A	Active	Cavity	Suitable	Insert	
D09-C	4942A	Inactive	Cavity	Suitable	Insert	
D09-C	5012	Inactive	Cavity	Suitable	Natural	
D09-C	5012	Inactive	Cavity	Unsuitable	Natural	
D09-C	5273	Inactive	Cavity	Unsuitable	Natural	
D09-C	5273	Inactive	Cavity	Suitable	Natural	
D09-C	6232	Inactive	Cavity	Unsuitable	Natural	
D11-A	4237A	Active	Cavity	Suitable	Insert	
D11-A	4237A	Inactive	Cavity	Unsuitable	Insert	
D11-A	4238A	Inactive	Cavity	Unsuitable	Insert	
D11-A	5464	Active	Cavity	Suitable	Natural	2014
D11-A	5464	Inactive	Start	Unsuitable	Natural	
D11-A	5591	Inactive	Cavity	Suitable	Natural	
D11-A	6884	Active	Cavity	Suitable	Natural	
D11-A	6884	Active	Cavity	Suitable	Natural	
D11-A	7247	Active	Cavity	Suitable	Natural	
D11-B	3852A	Inactive	Cavity	Suitable	Insert	
D11-B	3852A	Inactive	Cavity	Suitable	Insert	
D11-B	3853A	Inactive	Cavity	Unsuitable	Insert	
D11-B	4240A	Inactive	Cavity	Unsuitable	Insert	
D11-B	5655	Inactive	Cavity	Unsuitable	Natural	
D11-B	5655	Inactive	Cavity	Unsuitable	Natural	
D11-B	5697	Active	Cavity	Suitable	Natural	
D11-B	6149	Active	Cavity	Suitable	Natural	
D11-B	6149	Active	Cavity	Unsuitable	Natural	
D11-B	6947	Active	Cavity	Suitable	Natural	2014
D11-B	6947	Active	Start	Suitable	Natural	
D11-B	6947	Active	Cavity	Suitable	Natural	
D11-B	6948	Active	Cavity	Suitable	Natural	
D12-A	2823	Inactive	Cavity	Unsuitable	Natural	
D12-A	2823	Inactive	Cavity	Unsuitable	Natural	
D12-A	4004	Inactive	Cavity	Suitable	Natural	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
D12-A	4004	Inactive	Start	Unsuitable	Natural	
D12-A	5461A	Inactive	Cavity	Unsuitable	Insert	
D12-A	5461A	Inactive	Cavity	Suitable	Insert	
D12-A	5761A	Active	Cavity	Suitable	Insert	
D12-A	5762A	Active	Cavity	Suitable	Insert	2014
D12-A	7283	Active	Cavity	Suitable	Natural	
D12-A	7362	Active	Cavity	Suitable	Natural	
D12-A	7362	Active	Cavity	Suitable	Natural	
D13-A	3651A	Inactive	Cavity	Suitable	Insert	
D13-A	5162	Inactive	Cavity	Unsuitable	Natural	
D13-A	5162	Inactive	Cavity	Unsuitable	Natural	
D13-A	5614	Inactive	Cavity	Suitable	Natural	
D13-A	5615	Active	Cavity	Suitable	Natural	
D13-A	5615	Inactive	Cavity	Suitable	Natural	
D13-A	5652	Inactive	Cavity	Suitable	Natural	
D13-A	6621	Inactive	Cavity	Suitable	Natural	
D13-A	7326	Active	Cavity	Suitable	Natural	
D13-A	7363	Active	Cavity	Suitable	Natural	
D13-A	7363	Active	Cavity	Suitable	Natural	
D13-A	7364	Active	Cavity	Suitable	Natural	
D13-A	7364	Inactive	Cavity	Unsuitable	Natural	
D13-A	7491	Active	Cavity	Suitable	Natural	
D13-A	7507	Active	Cavity	Suitable	Natural	
D14-A	2619A	Inactive	Cavity	Unsuitable	Insert	
D14-A	3776A	Inactive	Cavity	Unsuitable	Insert	
D14-A	3776A	Inactive	Cavity	Suitable	Insert	
D14-A	3777A	Inactive	Cavity	Suitable	Insert	
D14-A	3778A	Inactive	Start	Unsuitable	Natural	2014
D14-A	3778A	Active	Cavity	Suitable	Insert	
D14-A	3779A	Active	Cavity	Suitable	Insert	2014
D14-A	5814A	Inactive	Cavity	Unsuitable	Drilled	
D14-A	5903	Inactive	Cavity	Unsuitable	Natural	
D14-A	5903	Inactive	Cavity	Suitable	Natural	
D14-A	6913	Inactive	Cavity	Unsuitable	Natural	
D14-A	6913	Active	Cavity	Suitable	Natural	
D14-B	2973	Inactive	Cavity	Suitable	Natural	
D14-B	2973	Inactive	Cavity	Unsuitable	Natural	
D14-B	3450A	Active	Cavity	Suitable	Insert	
D14-B	3451A	Inactive	Cavity	Suitable	Insert	
D14-B	4574	Inactive	Start	Unsuitable	Natural	
D14-B	4575A	Inactive	Cavity	Suitable	Insert	
D14-B	4575A	Inactive	Cavity	Unsuitable	Insert	
D14-B	4576A	Inactive	Cavity	Unsuitable	Insert	
D14-B	6978	Inactive	Cavity	Unsuitable	Natural	
D14-B	7248	Active	Cavity	Suitable	Natural	2014
D15-A	6860A	Active	Cavity	Suitable	Insert	2014
D15-A	6861A	Active	Cavity	Suitable	Insert	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
D15-A	4070A	Active	Cavity	Suitable	Insert	
D15-A	4071A	Active	Cavity	Suitable	Insert	
D19-A	3150A	Active	Cavity	Suitable	Insert	
D19-A	5214	Inactive	Start	Unsuitable	Natural	
D19-A	5488A	Active	Cavity	Suitable	Insert	
D19-A	5955A	Inactive	Cavity	Suitable	Insert	
D19-A	6582	Inactive	Cavity	Suitable	Natural	
E06-A	0180	Inactive	Start	Unsuitable	Natural	
E06-A	0180	Inactive	Cavity	Unsuitable	Natural	
E06-A	2804	Active	Cavity	Suitable	Natural	
E06-A	2804	Inactive	Cavity	Suitable	Natural	
E06-A	2804	Inactive	Cavity	Unsuitable	Natural	
E06-A	2804	Inactive	Start	Unsuitable	Natural	
E06-A	3957	Inactive	Cavity	Unsuitable	Natural	
E06-A	4459	Inactive	Cavity	Suitable	Natural	
E06-A	4459	Inactive	Start	Unsuitable	Natural	
E06-A	4459	Inactive	Start	Unsuitable	Natural	
E06-A	5108	Inactive	Cavity	Suitable	Natural	
E06-A	5108	Active	Cavity	Suitable	Natural	
E06-A	5109	Active	Cavity	Suitable	Natural	
E06-A	5185	Inactive	Cavity	Suitable	Natural	
E06-A	5185	Inactive	Cavity	Unsuitable	Natural	
E06-A	6150	Active	Cavity	Unsuitable	Natural	
E06-A	6826	Active	Cavity	Suitable	Natural	
E06-A	6826	Inactive	Cavity	Suitable	Natural	
E06-A	6945	Active	Cavity	Suitable	Natural	2014
E07-B	7158	Inactive	Cavity	Unsuitable	Natural	
E07-B	7159	Active	Cavity	Unsuitable	Natural	
E07-B	7160	Active	Cavity	Unsuitable	Natural	
E07-B	7160	Active	Cavity	Suitable	Natural	
E07-B	7257A	Active	Cavity	Suitable	Insert	2014
F02-A	4632A	Inactive	Cavity	Suitable	Insert	
F02-A	4633A	Inactive	Cavity	Suitable	Insert	
F02-A	4634A	Inactive	Cavity	Suitable	Insert	
F02-A	4635A	Inactive	Cavity	Suitable	Insert	
F05-A	3465A	Active	Cavity	Suitable	Insert	
F05-A	3466A	Active	Cavity	Suitable	Insert	
F05-A	3467A	Inactive	Cavity	Suitable	Insert	
F05-A	3467A	Inactive	Start	Unsuitable	Natural	
F05-A	4083A	Active	Cavity	Suitable	Insert	
F05-A	5681	Inactive	Start	Unsuitable	Natural	
F05-A	5681	Inactive	Cavity	Suitable	Natural	
F05-A	7409	Active	Cavity	Suitable	Natural	2014
HCC-A	6822	Active	Cavity	Suitable	Natural	
HCC-A	2602A	Inactive	Cavity	Suitable	Insert	
HCC-A	2602A	Inactive	Cavity	Unsuitable	Insert	
HCC-A	2604A	Inactive	Cavity	Unsuitable	Insert	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
HCC-A	6076A	Inactive	Cavity	Unsuitable	Insert	
HCC-A	6077A	Active	Cavity	Suitable	Insert	
HCC-A	6077A	Active	Cavity	Suitable	Insert	
HCC-A	6142	Inactive	Cavity	Suitable	Natural	
HCC-A	6142	Inactive	Cavity	Unsuitable	Natural	
HCC-A	7144	Active	Cavity	Suitable	Natural	
HCC-A	0421	Active	Cavity	Suitable	Natural	2014
HCC-B	4958A	Inactive	Cavity	Suitable	Insert	
HCC-B	4958A	Inactive	Cavity	Suitable	Insert	
HCC-B	4959A	Active	Cavity	Suitable	Insert	
HCC-B	4960A	Inactive	Cavity	Unsuitable	Insert	
HCC-B	4960A	Inactive	Cavity	Suitable	Insert	
HCC-B	4961A	Inactive	Cavity	Suitable	Insert	
HCC-B	6881	Active	Cavity	Suitable	Natural	2014
HCC-C	6679	Active	Cavity	Suitable	Natural	
HCC-C	6894	Active	Cavity	Suitable	Natural	2014
HCC-C	4431A	Inactive	Cavity	Suitable	Insert	
HCC-C	4431A	Inactive	Cavity	Suitable	Insert	
HCC-C	6100A	Inactive	Cavity	Suitable	Insert	
HCC-C	6100A	Inactive	Cavity	Suitable	Insert	
HCC-C	6101A	Inactive	Cavity	Unsuitable	Insert	
HCC-C	6101A	Inactive	Cavity	Suitable	Insert	
HCC-C	6102A	Inactive	Cavity	Suitable	Insert	
HCC-C	6102A	Inactive	Cavity	Suitable	Insert	
HCC-C	6136A	Inactive	Cavity	Unsuitable	Insert	
HCC-C	6136A	Inactive	Cavity	Suitable	Insert	
HCC-C	7338	Active	Cavity	Suitable	Natural	
HCC-D	4058A	Inactive	Cavity	Suitable	Insert	
HCC-D	4058A	Inactive	Cavity	Unsuitable	Insert	
HCC-D	4059A	Inactive	Cavity	Suitable	Insert	
HCC-D	4059A	Inactive	Cavity	Suitable	Insert	
HCC-D	4060A	Active	Cavity	Suitable	Insert	
HCC-D	5385	Inactive	Cavity	Unsuitable	Natural	
HCC-D	5385	Inactive	Cavity	Unsuitable	Natural	
HCC-D	5385	Inactive	Cavity	Unsuitable	Natural	
HCC-D	5385	Inactive	Cavity	Unsuitable	Natural	
HCC-D	5385	Inactive	Start	Unsuitable	Natural	
HCC-D	5385	Inactive	Start	Unsuitable	Natural	
HCC-D	6114A	Inactive	Cavity	Suitable	Insert	
HCC-D	6114A	Inactive	Cavity	Suitable	Insert	
HCC-D	6115A	Inactive	Cavity	Suitable	Insert	
HCC-D	6115A	Inactive	Cavity	Suitable	Insert	
HCC-D	6520	Active	Cavity	Suitable	Natural	2014
HCC-D	6520	Active	Start	Unsuitable	Natural	
HCC-D	6520	Active	Cavity	Suitable	Natural	
J03-A	3622A	Active	Cavity	Suitable	Insert	
J03-A	3622A	Active	Cavity	Suitable	Insert	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
J03-A	3623A	Active	Cavity	Suitable	Insert	2014
J03-A	3623A	Active	Cavity	Suitable	Insert	
J03-A	3748A	Inactive	Cavity	Unsuitable	Insert	
J03-A	3803A	Active	Cavity	Suitable	Insert	
J04-B	2698A	Inactive	Cavity	Suitable	Insert	
J04-B	2698A	Active	Cavity	Suitable	Insert	2014
J04-B	2699A	Inactive	Cavity	Suitable	Insert	
J04-B	2700A	Active	Cavity	Suitable	Insert	
J04-B	2700A	Inactive	Cavity	Suitable	Insert	
J04-B	7256A	Inactive	Cavity	Suitable	Insert	
K04-A	0482	Active	Cavity	Suitable	Natural	
K04-A	2551A	Active	Cavity	Suitable	Insert	
K04-A	2552A	Inactive	Cavity	Unsuitable	Insert	
K04-A	2569A	Active	Cavity	Suitable	Insert	
K04-A	2570A	Active	Cavity	Suitable	Insert	
K04-A	4170	Inactive	Cavity	Suitable	Natural	
K04-A	6488	Inactive	Cavity	Unsuitable	Natural	
K04-A	0484	Active	Cavity	Suitable	Natural	2014
K04-A	0484	Inactive	Cavity	Unsuitable	Natural	
K04-A	7239	Active	Cavity	Suitable	Natural	
K06-A	4616A	Inactive	Cavity	Unsuitable	Insert	
K06-A	4617A	Inactive	Cavity	Unsuitable	Insert	
K06-A	4619A	Inactive	Cavity	Unsuitable	Insert	
K06-A	7058A	Inactive	Cavity	Suitable	Insert	
K07-A	4331A	Active	Cavity	Suitable	Insert	
K07-A	4332A	Inactive	Cavity	Unsuitable	Insert	
K07-A	4333A	Inactive	Cavity	Suitable	Insert	
K07-A	4334A	Active	Cavity	Suitable	Insert	
K14-B	2624A	Inactive	Cavity	Suitable	Insert	
K14-B	2625A	Inactive	Cavity	Suitable	Insert	
K14-B	2628A	Inactive	Cavity	Suitable	Insert	
K14-B	2629A	Inactive	Cavity	Suitable	Insert	
K14-B	2629A	Inactive	Cavity	Unsuitable	Insert	
K14-B	4180	Inactive	Cavity	Suitable	Natural	
K14-B	4180	Inactive	Cavity	Suitable	Natural	
K14-B	4180	Inactive	Cavity	Unsuitable	Natural	
K14-B	4472	Inactive	Cavity	Unsuitable	Natural	
K14-B	4472	Inactive	Cavity	Unsuitable	Natural	
K14-B	5398	Inactive	Cavity	Suitable	Natural	
K14-B	5398	Inactive	Cavity	Suitable	Natural	
K14-B	6231	Active	Cavity	Suitable	Natural	
K14-B	6231	Inactive	Start	Unsuitable	Natural	
K14-B	6231	Inactive	Start	Unsuitable	Natural	
K14-B	7088	Inactive	Cavity	Unsuitable	Natural	
K14-B	7088	Active	Cavity	Suitable	Natural	
K14-B	7291	Inactive	Cavity	Suitable	Natural	
K14-B	7376	Active	Cavity	Suitable	Natural	2014

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
K16-A	6668	Active	Cavity	Suitable	Natural	
K16-A	6668	Active	Cavity	Suitable	Natural	
K16-A	4967A	Inactive	Cavity	Suitable	Insert	
K16-A	4967A	Inactive	Cavity	Suitable	Insert	
K16-A	5439	Inactive	Start	Unsuitable	Natural	
K16-A	5439	Inactive	Start	Unsuitable	Natural	
K16-A	5439	Inactive	Cavity	Unsuitable	Natural	
K16-A	5440	Inactive	Cavity	Suitable	Natural	
K16-A	6573A	Active	Cavity	Suitable	Insert	2014
K16-A	6574A	Active	Cavity	Suitable	Insert	2014
K16-B	6669	Inactive	Start	Unsuitable	Natural	
K16-B	6669	Active	Cavity	Suitable	Natural	
K16-B	6669	Inactive	Cavity	Suitable	Natural	
K16-B	2938	Inactive	Cavity	Suitable	Natural	
K16-B	4561A	Active	Cavity	Suitable	Insert	
K16-B	4561A	Active	Cavity	Suitable	Insert	
K16-B	4562A	Active	Cavity	Suitable	Insert	2014
K16-B	5901	Inactive	Cavity	Suitable	Natural	
K16-B	6921	Inactive	Cavity	Suitable	Natural	
K16-B	7241	Inactive	Cavity	Unsuitable	Natural	
K16-B	7242	Inactive	Cavity	Unsuitable	Natural	
K16-B	7368	Active	Cavity	Suitable	Natural	
K16-B	7368	Active	Cavity	Suitable	Natural	
K20-C	4409A	Active	Cavity	Suitable	Insert	
K20-C	4410A	Inactive	Start	Unsuitable	Natural	
K20-C	4410A	Inactive	Cavity	Suitable	Insert	
K20-C	4410A	Inactive	Cavity	Suitable	Insert	
K20-C	4410A	Inactive	Cavity	Unsuitable	Insert	
K20-C	4411A	Inactive	Cavity	Suitable	Insert	
K20-C	4411A	Inactive	Cavity	Unsuitable	Insert	
K20-C	4412A	Active	Cavity	Suitable	Insert	
K20-C	5170	Inactive	Cavity	Suitable	Natural	
K20-C	5170	Inactive	Cavity	Unsuitable	Natural	
K20-C	5730	Inactive	Start	Unsuitable	Natural	
K20-C	5730	Inactive	Cavity	Suitable	Natural	
K20-C	5826A	Active	Cavity	Suitable	Drilled	
K21-A	5900	Active	Cavity	Suitable	Natural	
K21-A	5900	Inactive	Start	Unsuitable	Natural	
K21-A	6078A	Active	Cavity	Suitable	Drilled	2014
K21-A	6080A	Inactive	Cavity	Unsuitable	Insert	
K21-A	6081A	Inactive	Cavity	Suitable	Insert	
K21-A	6082A	Active	Cavity	Suitable	Insert	
K21-A	6082A	Inactive	Cavity	Unsuitable	Insert	
K21-A	7243	Active	Cavity	Suitable	Natural	
K35-C	4400A	Active	Cavity	Suitable	Insert	
K35-C	4400A	Inactive	Start	Unsuitable	Natural	
K35-C	4401A	Inactive	Start	Unsuitable	Natural	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
K35-C	4401A	Inactive	Cavity	Suitable	Insert	
K35-C	4402A	Active	Cavity	Suitable	Insert	
K35-C	4402A	Inactive	Start	Unsuitable	Natural	
K35-C	5213	Inactive	Start	Unsuitable	Natural	
K35-C	5456	Inactive	Cavity	Unsuitable	Natural	
K35-C	4399A	Active	Cavity	Suitable	Insert	
K35-C	4399A	Inactive	Start	Unsuitable	Natural	
K35-C	6224	Inactive	Cavity	Unsuitable	Natural	
K35-C	6224	Active	Cavity	Suitable	Natural	
K35-C	6224	Active	Cavity	Suitable	Natural	
K35-D	5666A	Active	Cavity	Suitable	Insert	
K35-D	5667A	Active	Cavity	Suitable	Insert	
K35-D	5669A	Active	Cavity	Suitable	Drilled	
K35-D	7035	Active	Cavity	Suitable	Natural	2014
L06-A	6672	Inactive	Cavity	Unsuitable	Natural	
L06-A	6672	Inactive	Start	Unsuitable	Natural	
L06-A	5133A	Inactive	Cavity	Unsuitable	Drilled	
L06-A	5134A	Active	Cavity	Suitable	Drilled	
L06-A	5135A	Active	Cavity	Suitable	Insert	
L06-A	5136A	Active	Cavity	Suitable	Insert	2014
L06-A	5771	Inactive	Cavity	Unsuitable	Natural	
L06-A	5771	Inactive	Start	Unsuitable	Natural	
L06-A	5771	Inactive	Start	Unsuitable	Natural	
L06-A	6041A	Inactive	Cavity	Unsuitable	Drilled	
L06-A	6042A	Active	Cavity	Suitable	Drilled	
L06-A	6042A	Active	Cavity	Suitable	Drilled	
L06-A	6132	Inactive	Cavity	Unsuitable	Natural	
L07-A	1947	Inactive	Cavity	Unsuitable	Natural	
L07-A	1947	Inactive	Start	Unsuitable	Natural	
L07-A	1948	Inactive	Cavity	Unsuitable	Natural	
L07-A	1948	Inactive	Cavity	Unsuitable	Natural	
L07-A	1948	Inactive	Cavity	Unsuitable	Natural	
L07-A	1948	Active	Cavity	Unsuitable	Natural	
L07-A	6610	Inactive	Cavity	Unsuitable	Natural	
L07-A	6614	Active	Cavity	Unsuitable	Natural	
L07-A	6917	Active	Cavity	Suitable	Natural	
L07-A	5179	Active	Cavity	Unsuitable	Natural	
L07-A	5249	Inactive	Cavity	Unsuitable	Natural	
L07-A	6137	Active	Cavity	Unsuitable	Natural	
L07-A	6250	Inactive	Cavity	Unsuitable	Natural	
L07-A	2319	Active	Cavity	Suitable	Natural	
L07-A	7089	Inactive	Cavity	Unsuitable	Natural	
L07-A	7342	Active	Cavity	Unsuitable	Natural	2014
M01-A	1808	Inactive	Cavity	Unsuitable	Natural	
M01-A	1808	Inactive	Cavity	Suitable	Natural	
M01-A	1808	Inactive	Cavity	Unsuitable	Natural	
M01-A	1813	Inactive	Start	Unsuitable	Natural	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
M01-A	1813	Inactive	Cavity	Suitable	Natural	
M01-A	1813	Inactive	Cavity	Unsuitable	Natural	
M01-A	2808	Inactive	Cavity	Unsuitable	Natural	
M01-A	2808	Inactive	Cavity	Unsuitable	Natural	
M01-A	4211	Active	Cavity	Suitable	Natural	
M01-A	4316	Inactive	Cavity	Unsuitable	Natural	
M01-A	4345A	Active	Cavity	Unsuitable	Insert	
M01-A	4345A	Inactive	Cavity	Suitable	Insert	
M01-A	4346A	Inactive	Cavity	Unsuitable	Insert	
M01-A	4346A	Inactive	Cavity	Suitable	Insert	
M01-A	5116A	Inactive	Cavity	Unsuitable	Drilled	
M01-A	7016	Inactive	Cavity	Unsuitable	Natural	
M01-A	7016	Active	Cavity	Unsuitable	Natural	
M01-A	7124	Inactive	Cavity	Unsuitable	Natural	
M01-A	7124	Active	Cavity	Suitable	Natural	
M01-A	7124	Active	Cavity	Suitable	Natural	
M01-A	7124	Inactive	Start	Unsuitable	Natural	
M01-A	7146	Active	Cavity	Suitable	Natural	
M01-A	7377	Active	Cavity	Suitable	Natural	2014
M01-A	7444	Active	Cavity	Suitable	Natural	
M02-A	6694	Active	Cavity	Suitable	Natural	2014
M02-A	4376A	Inactive	Cavity	Suitable	Insert	
M02-A	4377A	Inactive	Cavity	Suitable	Insert	
M02-A	5031	Inactive	Cavity	Unsuitable	Natural	
M02-A	5031	Inactive	Cavity	Suitable	Natural	
M02-A	5095	Inactive	Cavity	Suitable	Natural	
M02-A	5095	Inactive	Cavity	Unsuitable	Natural	
M02-A	5661	Inactive	Cavity	Suitable	Natural	
M02-A	7150	Active	Cavity	Suitable	Natural	
M06-C	0606	Inactive	Cavity	Unsuitable	Natural	
M06-C	0606	Inactive	Start	Unsuitable	Natural	
M06-C	0607	Active	Cavity	Suitable	Natural	
M06-C	0607	Inactive	Start	Unsuitable	Natural	
M06-C	1169	Inactive	Cavity	Unsuitable	Natural	
M06-C	1667	Inactive	Cavity	Unsuitable	Natural	
M06-C	1667	Inactive	Start	Unsuitable	Natural	
M06-C	2097	Inactive	Cavity	Unsuitable	Natural	
M06-C	3925	Inactive	Cavity	Unsuitable	Natural	
M06-C	3971	Inactive	Cavity	Unsuitable	Natural	
M06-C	5199	Active	Cavity	Suitable	Natural	2014
M06-C	6946	Active	Cavity	Suitable	Natural	
M06-C	6976	Active	Cavity	Suitable	Natural	
M06-C	7298	Active	Cavity	Unsuitable	Natural	
N03-A	4637A	Active	Cavity	Suitable	Insert	
N03-A	4638A	Inactive	Cavity	Unsuitable	Insert	
N03-A	4640A	Inactive	Cavity	Unsuitable	Insert	
N03-A	5949A	Active	Cavity	Suitable	Insert	2014

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
N03-A	5950A	Active	Cavity	Suitable	Insert	2014
N04-B	1272	Inactive	Start	Unsuitable	Natural	
N04-B	2123	Inactive	Cavity	Suitable	Natural	
N04-B	2124	Inactive	Start	Unsuitable	Natural	
N04-B	2124	Inactive	Cavity	Unsuitable	Natural	
N04-B	2270	Inactive	Start	Unsuitable	Natural	
N04-B	2270	Inactive	Start	Unsuitable	Natural	
N04-B	6642	Active	Cavity	Suitable	Natural	
N04-B	6642	Inactive	Start	Unsuitable	Natural	
N04-B	6642	Inactive	Start	Unsuitable	Natural	
N04-B	6699	Inactive	Cavity	Unsuitable	Natural	
N04-B	6817	Active	Cavity	Suitable	Natural	
N04-B	3540	Inactive	Cavity	Unsuitable	Natural	
N04-B	3540	Inactive	Start	Unsuitable	Natural	
N04-B	4374A	Active	Cavity	Suitable	Insert	
N04-B	4816	Inactive	Cavity	Unsuitable	Natural	
N04-B	5635	Inactive	Start	Unsuitable	Natural	
N04-B	6970	Active	Cavity	Suitable	Natural	
N04-B	7032	Inactive	Start	Unsuitable	Natural	
N04-B	7032	Inactive	Start	Unsuitable	Natural	
N04-B	7032	Active	Cavity	Suitable	Natural	
N04-B	7103	Active	Cavity	Suitable	Natural	2014
N04-B	7321	Active	Cavity	Suitable	Natural	
N04-C	5395	Inactive	Cavity	Suitable	Natural	
N04-C	5395	Inactive	Start	Unsuitable	Natural	
N04-C	5395	Inactive	Start	Unsuitable	Natural	
N04-C	5469	Inactive	Cavity	Unsuitable	Natural	
N04-C	5478	Active	Cavity	Suitable	Natural	
N04-C	5634	Inactive	Start	Unsuitable	Natural	
N04-C	5873	Active	Cavity	Suitable	Natural	2014
N04-C	5873	Inactive	Start	Unsuitable	Natural	
N04-C	6546A	Inactive	Cavity	Unsuitable	Insert	
N04-C	6547A	Inactive	Cavity	Unsuitable	Insert	
N04-C	6517	Active	Cavity	Suitable	Natural	
N04-C	6904	Inactive	Cavity	Suitable	Natural	
N04-C	6904	Active	Cavity	Suitable	Natural	
N04-C	7113	Active	Cavity	Suitable	Natural	2014
N04-C	7113	Active	Start	Unsuitable	Natural	
N04-D	3407A	Inactive	Start	Unsuitable	Natural	
N04-D	3407A	Inactive	Cavity	Suitable	Drilled	
N04-D	3408A	Inactive	Start	Unsuitable	Natural	
N04-D	3519A	Inactive	Cavity	Unsuitable	Insert	
N04-D	3520A	Inactive	Start	Unsuitable	Natural	
N04-D	3520A	Active	Cavity	Suitable	Insert	
N04-D	3520A	Inactive	Cavity	Unsuitable	Insert	
N04-D	4861	Inactive	Start	Unsuitable	Natural	
N04-D	4861	Inactive	Cavity	Unsuitable	Natural	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
N04-D	4861	Inactive	Cavity	Unsuitable	Natural	
N04-D	5196	Inactive	Start	Unsuitable	Natural	
N04-D	7044A	Inactive	Cavity	Unsuitable	Insert	
N04-D	7045A	Inactive	Cavity	Suitable	Insert	
N05-A	2539A	Inactive	Cavity	Unsuitable	Insert	
N05-A	2539A	Active	Cavity	Suitable	Insert	
N05-A	2555A	Inactive	Cavity	Unsuitable	Insert	
N05-A	2556A	Active	Cavity	Suitable	Insert	
N05-A	6730	Active	Cavity	Suitable	Natural	2014
N05-A	4838	Inactive	Cavity	Unsuitable	Natural	
N05-A	7107	Active	Cavity	Suitable	Natural	
O01-A	6734	Inactive	Cavity	Unsuitable	Natural	
O01-A	6734	Inactive	Cavity	Suitable	Natural	
O01-A	6734	Active	Cavity	Unsuitable	Natural	
O01-A	6734	Active	Cavity	Unsuitable	Natural	
O01-A	6734	Active	Cavity	Suitable	Natural	2014
O01-A	3780A	Inactive	Cavity	Unsuitable	Insert	
O01-A	3782A	Inactive	Cavity	Unsuitable	Insert	
O01-A	3783A	Inactive	Cavity	Unsuitable	Insert	
O01-A	7120	Active	Cavity	Suitable	Natural	
O01-A	7120	Active	Cavity	Unsuitable	Natural	
O01-A	7494	Active	Cavity	Suitable	Natural	
O03-A	6874	Inactive	Cavity	Unsuitable	Natural	
O03-A	3446A	Active	Cavity	Suitable	Natural	
O03-A	3446A	Active	Cavity	Suitable	Insert	
O03-A	3703	Active	Cavity	Suitable	Natural	2014
O03-A	3715	Inactive	Cavity	Unsuitable	Natural	
O03-A	4507	Inactive	Start	Unsuitable	Natural	
O03-A	4508	Inactive	Start	Unsuitable	Natural	
O03-A	5788	Inactive	Cavity	Unsuitable	Natural	
O03-A	6157	Inactive	Start	Unsuitable	Natural	
O03-A	6952	Inactive	Start	Unsuitable	Natural	
O03-A	6952	Inactive	Start	Unsuitable	Natural	
O03-A	6952	Active	Cavity	Suitable	Natural	
O03-A	7102	Active	Cavity	Suitable	Natural	
O03-B	4116A	Inactive	Cavity	Unsuitable	Insert	
O03-B	4117A	Inactive	Cavity	Unsuitable	Insert	
O03-B	4119A	Inactive	Cavity	Suitable	Insert	
O03-B	4274A	Active	Cavity	Suitable	Insert	
O03-B	4759A	Inactive	Start	Unsuitable	Natural	
O03-B	4759A	Inactive	Start	Unsuitable	Natural	
O03-B	4759A	Inactive	Start	Unsuitable	Natural	
O03-B	4759A	Inactive	Cavity	Unsuitable	Insert	
O03-B	4759A	Inactive	Start	Unsuitable	Natural	
O03-B	4827	Inactive	Cavity	Unsuitable	Natural	
O03-B	4827	Inactive	Cavity	Suitable	Natural	
O03-B	4862	Inactive	Cavity	Unsuitable	Natural	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
O03-B	4862	Active	Cavity	Suitable	Natural	2014
O03-B	4862	Inactive	Start	Unsuitable	Natural	
O03-B	4862	Inactive	Start	Unsuitable	Natural	
O03-B	5234	Inactive	Start	Unsuitable	Natural	
O03-B	5234	Inactive	Start	Unsuitable	Natural	
O03-B	5237	Inactive	Start	Unsuitable	Natural	
O04-A	2343	Inactive	Cavity	Unsuitable	Natural	
O04-A	2343	Inactive	Cavity	Unsuitable	Natural	
O04-A	2343	Inactive	Cavity	Unsuitable	Natural	
O04-A	2344	Inactive	Cavity	Unsuitable	Natural	
O04-A	2510	Inactive	Cavity	Unsuitable	Natural	
O04-A	2888	Inactive	Start	Suitable	Natural	
O04-A	4105	Inactive	Start	Unsuitable	Natural	
O04-A	4105	Inactive	Cavity	Unsuitable	Natural	
O04-A	4105	Inactive	Start	Unsuitable	Natural	
O04-A	4762A	Active	Cavity	Suitable	Insert	
O04-A	4763A	Active	Cavity	Suitable	Insert	
O04-A	3812	Inactive	Cavity	Suitable	Natural	
O04-A	3812	Active	Cavity	Suitable	Natural	
O04-A	3812	Inactive	Cavity	Unsuitable	Natural	
O04-A	2511	Active	Cavity	Suitable	Natural	2014
O04-A	2511	Inactive	Cavity	Unsuitable	Natural	
O04-A	2511	Inactive	Start	Unsuitable	Natural	
O04-A	2511	Inactive	Start	Unsuitable	Natural	
O04-B	6211	Inactive	Cavity	Unsuitable	Natural	
O04-B	6212	Inactive	Cavity	Suitable	Natural	
O04-B	6223	Active	Cavity	Suitable	Natural	2014
O04-B	6223	Active	Cavity	Suitable	Natural	
O04-B	6558A	Inactive	Cavity	Unsuitable	Insert	
O04-B	6558A	Inactive	Start	Unsuitable	Natural	
O04-B	7289	Active	Cavity	Suitable	Natural	
O04-B	7327	Active	Cavity	Suitable	Natural	
O05-A	2310	Inactive	Cavity	Suitable	Natural	
O05-A	2810	Active	Cavity	Suitable	Natural	
O05-A	2810	Inactive	Start	Unsuitable	Natural	
O05-A	2811	Inactive	Cavity	Unsuitable	Natural	
O05-A	3262	Inactive	Cavity	Suitable	Natural	
O05-A	3262	Inactive	Cavity	Unsuitable	Natural	
O05-A	3801A	Active	Cavity	Suitable	Insert	
O05-A	3802A	Active	Cavity	Unsuitable	Insert	
O05-A	3928	Inactive	Cavity	Unsuitable	Natural	
O05-A	3928	Inactive	Cavity	Unsuitable	Natural	
O05-A	5448	Active	Cavity	Suitable	Natural	
O05-A	5449	Inactive	Start	Unsuitable	Natural	
O05-A	5449	Inactive	Cavity	Unsuitable	Natural	
O05-A	6530	Active	Cavity	Suitable	Natural	
O05-A	6816	Active	Cavity	Suitable	Natural	2014

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
O05-A	7262	Inactive	Cavity	Unsuitable	Natural	
O05-A	7425	Active	Cavity	Suitable	Natural	2014
O05-B	2923	Inactive	Cavity	Unsuitable	Natural	
O05-B	2923	Active	Start	Unsuitable	Natural	
O05-B	4086A	Inactive	Cavity	Unsuitable	Insert	
O05-B	4087A	Inactive	Cavity	Unsuitable	Insert	
O05-B	4779A	Active	Cavity	Suitable	Insert	
O05-B	5427	Inactive	Cavity	Unsuitable	Natural	
O05-B	5636	Inactive	Cavity	Unsuitable	Natural	
O05-B	6531	Inactive	Cavity	Unsuitable	Natural	
O05-B	6560A	Active	Cavity	Suitable	Insert	
O05-B	6561A	Active	Cavity	Suitable	Insert	
O05-B	7329	Active	Cavity	Suitable	Natural	2014
O06-A	3918A	Active	Start	Suitable	Natural	
O06-A	3918A	Active	Cavity	Suitable	Insert	2014
O06-A	3919A	Active	Cavity	Suitable	Insert	
O06-A	3920A	Active	Cavity	Suitable	Insert	
O06-A	3921A	Inactive	Cavity	Unsuitable	Insert	
O06-B	1996	Inactive	Start	Unsuitable	Natural	
O06-B	3615A	Inactive	Cavity	Unsuitable	Insert	
O06-B	3616A	Inactive	Cavity	Suitable	Insert	
O06-B	4372A	Inactive	Cavity	Suitable	Insert	
O06-B	4372A	Inactive	Cavity	Unsuitable	Insert	
O06-B	5555	Active	Cavity	Suitable	Natural	
O06-B	5555	Inactive	Cavity	Unsuitable	Natural	
O06-B	5554	Inactive	Cavity	Unsuitable	Natural	
O06-B	5554	Inactive	Cavity	Unsuitable	Natural	
O06-B	5637	Active	Cavity	Suitable	Natural	2014
O06-B	5638	Active	Cavity	Suitable	Natural	
O06-B	5638	Active	Cavity	Suitable	Natural	
O06-B	5638	Inactive	Cavity	Unsuitable	Natural	
O06-B	5639	Active	Cavity	Suitable	Natural	
O06-B	6144	Active	Cavity	Suitable	Natural	
O06-B	6883	Active	Cavity	Suitable	Natural	
O06-B	7116	Inactive	Cavity	Suitable	Natural	
O06-B	7116	Inactive	Cavity	Suitable	Natural	
O06-C	0785	Inactive	Cavity	Unsuitable	Natural	
O06-C	0785	Inactive	Cavity	Unsuitable	Natural	
O06-C	0785	Inactive	Cavity	Suitable	Natural	
O06-C	0785	Inactive	Cavity	Unsuitable	Natural	
O06-C	6910	Active	Cavity	Suitable	Natural	
O06-C	3530	Inactive	Cavity	Suitable	Natural	
O06-C	3530	Inactive	Cavity	Unsuitable	Natural	
O06-C	3530	Inactive	Cavity	Unsuitable	Natural	
O06-C	3614A	Inactive	Cavity	Suitable	Insert	
O06-C	3614A	Inactive	Cavity	Suitable	Insert	
O06-C	4021	Inactive	Cavity	Unsuitable	Natural	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
O06-C	4021	Inactive	Cavity	Suitable	Natural	
O06-C	5948A	Active	Cavity	Suitable	Insert	
O06-C	6222	Active	Cavity	Suitable	Natural	2014
O06-C	6222	Active	Cavity	Suitable	Natural	
O06-D	0509	Inactive	Cavity	Suitable	Natural	
O06-D	0509	Inactive	Cavity	Unsuitable	Natural	
O06-D	0509	Inactive	Cavity	Unsuitable	Natural	
O06-D	0509	Inactive	Cavity	Unsuitable	Natural	
O06-D	0509	Inactive	Cavity	Unsuitable	Natural	
O06-D	2004	Inactive	Start	Unsuitable	Natural	
O06-D	2004	Inactive	Cavity	Unsuitable	Natural	
O06-D	2004	Inactive	Cavity	Unsuitable	Natural	
O06-D	6652	Active	Cavity	Suitable	Natural	
O06-D	6652	Active	Cavity	Suitable	Natural	
O06-D	3731	Active	Cavity	Suitable	Natural	
O06-D	3731	Inactive	Cavity	Unsuitable	Natural	
O06-D	4262	Inactive	Cavity	Suitable	Natural	
O06-D	4396A	Active	Cavity	Suitable	Insert	
O06-D	5157	Inactive	Cavity	Unsuitable	Natural	
O06-D	5528	Inactive	Cavity	Unsuitable	Natural	
O06-D	6057	Inactive	Cavity	Unsuitable	Natural	
O06-D	6058	Active	Cavity	Suitable	Natural	
O06-D	6145	Inactive	Cavity	Suitable	Natural	
O06-D	7309	Active	Cavity	Suitable	Natural	
O06-D	7309	Active	Cavity	Unsuitable	Natural	
O06-D	7426	Active	Cavity	Suitable	Natural	2014
O06-E	3621A	Inactive	Cavity	Suitable	Insert	
O06-E	4024	Inactive	Start	Unsuitable	Natural	
O06-E	4024	Inactive	Start	Unsuitable	Natural	
O06-E	4024	Inactive	Start	Unsuitable	Natural	
O06-E	4155	Active	Cavity	Suitable	Natural	2014
O06-E	4156	Inactive	Cavity	Unsuitable	Natural	
O06-E	4156	Active	Cavity	Unsuitable	Natural	
O06-E	4156	Inactive	Cavity	Unsuitable	Natural	
O06-E	4156	Inactive	Cavity	Unsuitable	Natural	
O06-E	4156	Active	Cavity	Suitable	Natural	
O06-E	5105A	Inactive	Cavity	Unsuitable	Drilled	
O06-E	6221	Inactive	Cavity	Unsuitable	Natural	
O06-E	7234	Active	Cavity	Suitable	Natural	
O06-E	7308	Active	Cavity	Suitable	Natural	2014
O06-E	7308	Active	Cavity	Suitable	Natural	
O06-E	7497	Active	Cavity	Suitable	Natural	
O07-A	2145	Inactive	Start	Unsuitable	Natural	
O07-A	6653	Inactive	Cavity	Unsuitable	Natural	
O07-A	3120A	Active	Cavity	Suitable	Insert	
O07-A	3121A	Inactive	Cavity	Unsuitable	Insert	
O07-A	3122A	Active	Cavity	Suitable	Insert	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
O07-A	3122A	Inactive	Start	Unsuitable	Natural	
O07-A	3123A	Inactive	Cavity	Unsuitable	Insert	
O07-A	5026	Inactive	Cavity	Unsuitable	Natural	
O07-A	5026	Inactive	Cavity	Suitable	Natural	
O07-A	5027	Inactive	Cavity	Suitable	Natural	
O07-A	5176	Inactive	Cavity	Unsuitable	Natural	
O07-A	5176	Inactive	Start	Unsuitable	Natural	
O07-A	5177	Inactive	Cavity	Unsuitable	Natural	
O07-A	5177	Inactive	Start	Unsuitable	Natural	
O07-A	5198	Inactive	Start	Unsuitable	Natural	
O07-A	5198	Inactive	Cavity	Unsuitable	Natural	
O07-A	5530	Inactive	Cavity	Unsuitable	Natural	
O07-A	5683	Inactive	Cavity	Unsuitable	Natural	
O07-A	6548A	Inactive	Cavity	Unsuitable	Insert	
O07-A	6519	Inactive	Cavity	Unsuitable	Natural	
O07-A	7288	Active	Cavity	Suitable	Natural	2014
O07-C	6696	Inactive	Cavity	Unsuitable	Natural	
O07-C	3205A	Inactive	Cavity	Suitable	Insert	
O07-C	3206A	Inactive	Cavity	Suitable	Insert	
O07-C	3206A	Inactive	Start	Unsuitable	Natural	
O07-C	3206A	Inactive	Start	Unsuitable	Natural	
O07-C	3207A	Inactive	Cavity	Suitable	Insert	
O07-C	3208A	Inactive	Cavity	Unsuitable	Insert	
O07-C	5002A	Inactive	Cavity	Suitable	Insert	
O07-C	5250	Inactive	Cavity	Unsuitable	Natural	
O07-C	3209A	Inactive	Start	Unsuitable	Natural	
O07-C	2314	Inactive	Start	Unsuitable	Natural	
O07-C	2314	Inactive	Start	Unsuitable	Natural	
O07-C	5684	Active	Cavity	Unsuitable	Natural	
O07-C	7098	Inactive	Cavity	Suitable	Natural	
O07-C	7098	Inactive	Cavity	Unsuitable	Natural	
O07-C	7240	Active	Cavity	Suitable	Natural	2014
O07-C	7273	Active	Cavity	Suitable	Natural	
O07-C	7273	Inactive	Start	Unsuitable	Natural	
O07-C	7365	Active	Cavity	Suitable	Natural	
O07-C	7365	Active	Cavity	Suitable	Natural	
O10-A	2588A	Active	Cavity	Suitable	Insert	
O10-A	2679A	Active	Cavity	Suitable	Insert	
O10-A	6645	Active	Cavity	Unsuitable	Natural	
O10-A	3617A	Inactive	Cavity	Unsuitable	Insert	
O10-A	3620A	Active	Cavity	Suitable	Insert	
O10-A	4524	Inactive	Cavity	Unsuitable	Natural	
O10-A	4524	Inactive	Cavity	Unsuitable	Natural	
O10-A	4525A	Active	Cavity	Suitable	Insert	
O10-A	5446	Inactive	Cavity	Unsuitable	Natural	
O10-A	5556	Inactive	Cavity	Unsuitable	Natural	
O10-A	5752	Inactive	Cavity	Unsuitable	Natural	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
O10-A	6024	Inactive	Cavity	Unsuitable	Natural	
O10-A	6882	Active	Cavity	Suitable	Natural	2014
O10-A	7502	Active	Cavity	Suitable	Natural	
O10-B	3825A	Inactive	Cavity	Suitable	Insert	
O10-B	3826A	Inactive	Cavity	Unsuitable	Insert	
O10-B	3826A	Inactive	Cavity	Suitable	Insert	
O10-B	5570	Inactive	Start	Unsuitable	Natural	
O10-B	5571	Inactive	Cavity	Unsuitable	Natural	
O11-B	6616	Active	Cavity	Suitable	Natural	
O11-B	3163A	Inactive	Cavity	Suitable	Insert	
O11-B	3165A	Inactive	Cavity	Suitable	Insert	
O11-B	4189	Inactive	Cavity	Unsuitable	Natural	
O11-B	5751	Active	Cavity	Unsuitable	Natural	
O11-B	5768	Inactive	Start	Unsuitable	Natural	
O11-B	6026	Inactive	Cavity	Unsuitable	Natural	
O11-B	7121	Inactive	Cavity	Suitable	Natural	
O11-B	7178	Active	Cavity	Suitable	Natural	2014
O11-B	7346	Active	Cavity	Suitable	Natural	
O12-A	0223	Inactive	Cavity	Unsuitable	Natural	
O12-A	0223	Inactive	Cavity	Unsuitable	Natural	
O12-A	6654	Active	Cavity	Suitable	Natural	
O12-A	3532	Inactive	Cavity	Unsuitable	Natural	
O12-A	4228	Inactive	Start	Unsuitable	Natural	
O12-A	4228	Inactive	Start	Unsuitable	Natural	
O12-A	4228	Inactive	Cavity	Unsuitable	Natural	
O12-A	4506	Active	Cavity	Suitable	Natural	
O12-A	5426	Inactive	Cavity	Unsuitable	Natural	
O12-A	5425	Inactive	Cavity	Unsuitable	Natural	
O12-A	5425	Inactive	Start	Unsuitable	Natural	
O12-A	5769	Active	Cavity	Suitable	Natural	2014
O12-A	5769	Active	Cavity	Suitable	Natural	
O12-A	6201	Inactive	Start	Unsuitable	Natural	
O12-A	6201	Active	Cavity	Suitable	Natural	
O12-A	6201	Inactive	Cavity	Unsuitable	Natural	
O12-A	7258	Active	Cavity	Suitable	Natural	
O12-A	7320	Active	Cavity	Suitable	Natural	2014
O14-A	3456A	Inactive	Cavity	Unsuitable	Insert	
O14-A	3456A	Active	Cavity	Suitable	Insert	
O14-A	3456A	Inactive	Cavity	Suitable	Insert	
O14-A	4966A	Active	Cavity	Suitable	Insert	
O14-A	5098	Inactive	Cavity	Unsuitable	Natural	
O14-A	5381	Inactive	Cavity	Unsuitable	Natural	
O14-A	5381	Inactive	Cavity	Unsuitable	Natural	
O14-A	5381	Inactive	Start	Unsuitable	Natural	
O14-A	5381	Inactive	Cavity	Suitable	Natural	
O14-A	5381	Inactive	Cavity	Suitable	Natural	
O14-A	6565A	Active	Cavity	Suitable	Insert	2014

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
O14-A	6566A	Active	Cavity	Suitable	Insert	
O14-A	6568A	Active	Cavity	Suitable	Insert	
O14-A	7310	Active	Cavity	Suitable	Natural	
O14-B	3915A	Active	Cavity	Suitable	Insert	
O14-B	3915A	Active	Cavity	Unsuitable	Insert	
O14-B	3916A	Active	Cavity	Unsuitable	Insert	
O14-B	3917A	Active	Cavity	Suitable	Insert	
O14-B	7049A	Active	Cavity	Suitable	Insert	
O14-B	7176	Active	Cavity	Suitable	Natural	
O14-B	7488	Active	Cavity	Suitable	Natural	
O15-A	1741	Inactive	Cavity	Unsuitable	Natural	
O15-A	1741	Inactive	Cavity	Unsuitable	Natural	
O15-A	4030	Inactive	Cavity	Unsuitable	Natural	
O15-A	5106A	Active	Cavity	Suitable	Drilled	
O15-A	5107A	Active	Cavity	Unsuitable	Drilled	
O15-A	5520A	Active	Cavity	Suitable	Drilled	
O15-A	5790	Inactive	Start	Unsuitable	Natural	
O15-A	5790	Active	Cavity	Suitable	Natural	
O15-A	6028	Inactive	Cavity	Unsuitable	Natural	
O15-A	6532	Inactive	Start	Unsuitable	Natural	
O15-A	6569A	Inactive	Cavity	Suitable	Insert	
O15-A	6570A	Inactive	Cavity	Unsuitable	Insert	
O15-A	6906	Active	Cavity	Suitable	Natural	2014
O15-B	0115	Inactive	Cavity	Unsuitable	Natural	
O15-B	2337	Inactive	Start	Unsuitable	Natural	
O15-B	2337	Inactive	Cavity	Unsuitable	Natural	
O15-B	2337	Inactive	Start	Unsuitable	Natural	
O15-B	6736A	Active	Cavity	Suitable	Insert	
O15-B	6737A	Inactive	Cavity	Suitable	Insert	
O15-B	3488	Active	Cavity	Suitable	Natural	
O15-B	3943	Active	Cavity	Suitable	Natural	2014
O15-B	3943	Active	Cavity	Unsuitable	Natural	
O15-B	3943	Inactive	Start	Unsuitable	Natural	
O15-B	3943	Active	Cavity	Suitable	Natural	
O15-B	5078	Inactive	Start	Unsuitable	Natural	
O15-C	0768	Inactive	Cavity	Suitable	Natural	
O15-C	0768	Inactive	Cavity	Unsuitable	Natural	
O15-C	0768	Active	Start	Unsuitable	Natural	
O15-C	1193	Inactive	Cavity	Unsuitable	Natural	
O15-C	2793A	Inactive	Cavity	Unsuitable	Insert	
O15-C	2794A	Active	Cavity	Suitable	Insert	
O15-C	2797A	Inactive	Start	Unsuitable	Natural	
O15-C	3644	Inactive	Start	Unsuitable	Natural	
O15-C	7383	Active	Cavity	Suitable	Natural	2014
O16-A	6213	Inactive	Cavity	Unsuitable	Natural	
O16-A	6213	Active	Cavity	Suitable	Natural	
O16-A	6213	Inactive	Start	Unsuitable	Natural	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
O16-A	6562A	Active	Cavity	Suitable	Insert	
O16-A	6563A	Active	Cavity	Suitable	Insert	
O16-A	6564A	Active	Cavity	Suitable	Insert	2014
O17-B	6909	Active	Cavity	Suitable	Natural	
O17-B	6909	Inactive	Cavity	Unsuitable	Natural	
O17-B	3445A	Inactive	Start	Unsuitable	Natural	
O17-B	3445A	Inactive	Start	Unsuitable	Natural	
O17-B	3445A	Active	Cavity	Suitable	Insert	
O17-B	3445A	Inactive	Cavity	Suitable	Insert	
O17-B	3789	Inactive	Start	Unsuitable	Natural	
O17-B	4768A	Active	Cavity	Suitable	Insert	
O17-B	4769A	Inactive	Cavity	Suitable	Insert	
O17-B	4769A	Inactive	Cavity	Suitable	Insert	
O17-B	5750	Inactive	Cavity	Unsuitable	Natural	
O17-B	5810	Inactive	Start	Unsuitable	Natural	
O17-B	5810	Inactive	Cavity	Suitable	Natural	
O17-B	5810	Inactive	Cavity	Unsuitable	Natural	
O17-B	5810	Inactive	Start	Unsuitable	Natural	
O17-B	6210	Inactive	Cavity	Unsuitable	Natural	
O17-B	7099	Active	Start	Unsuitable	Natural	
O17-B	7099	Active	Cavity	Unsuitable	Natural	
O17-B	7099	Inactive	Cavity	Unsuitable	Natural	
O17-B	7115	Active	Cavity	Suitable	Natural	2014
O17-B	7369	Active	Cavity	Suitable	Natural	
O17-B	7369	Active	Cavity	Suitable	Natural	
O17-B	7495	Active	Cavity	Suitable	Natural	
O17-B	7495	Active	Start	Unsuitable	Natural	
O17-B	7496	Active	Cavity	Unsuitable	Natural	
O17-B	7496	Active	Cavity	Suitable	Natural	
O18-A	3095A	Inactive	Start	Unsuitable	Natural	
O18-A	3095A	Inactive	Cavity	Unsuitable	Insert	
O18-A	3096A	Inactive	Cavity	Unsuitable	Insert	
O18-A	3096A	Active	Cavity	Unsuitable	Insert	
O18-A	3096A	Active	Cavity	Suitable	Insert	
O18-A	3098A	Active	Cavity	Suitable	Insert	
O18-A	3099A	Inactive	Cavity	Suitable	Insert	
O18-A	3099A	Inactive	Cavity	Suitable	Insert	
O18-A	3232	Inactive	Start	Unsuitable	Natural	
O18-A	3938	Inactive	Cavity	Unsuitable	Natural	
O18-A	3938	Inactive	Cavity	Unsuitable	Natural	
O18-A	3938	Inactive	Cavity	Unsuitable	Natural	
O18-A	3938	Inactive	Cavity	Unsuitable	Natural	
O18-A	4836	Inactive	Cavity	Unsuitable	Natural	
O18-A	4836	Inactive	Cavity	Unsuitable	Natural	
O18-A	5627	Inactive	Cavity	Unsuitable	Natural	
O18-A	6905	Active	Cavity	Suitable	Natural	
O18-A	6905	Inactive	Cavity	Unsuitable	Natural	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
O18-A	7025	Active	Cavity	Suitable	Natural	2014
O18-A	7025	Active	Cavity	Suitable	Natural	
O18-A	7114	Active	Cavity	Suitable	Natural	
O18-A	7114	Active	Cavity	Suitable	Natural	
O18-A	7114	Active	Cavity	Suitable	Natural	
O18-A	7117	Active	Cavity	Suitable	Natural	
O19-A	1617	Inactive	Cavity	Unsuitable	Natural	
O19-A	1617	Active	Cavity	Suitable	Natural	2014
O19-A	1617	Inactive	Cavity	Unsuitable	Natural	
O19-A	6710A	Inactive	Cavity	Suitable	Insert	
O19-A	6711A	Active	Cavity	Suitable	Insert	
O19-A	6712A	Inactive	Cavity	Unsuitable	Insert	
O19-B	6263A	Inactive	Cavity	Unsuitable	Insert	
O19-B	6264A	Inactive	Cavity	Unsuitable	Insert	
O19-B	6265A	Active	Cavity	Suitable	Insert	
O19-B	6266A	Active	Cavity	Suitable	Insert	
O21-A	6732	Inactive	Cavity	Unsuitable	Natural	
O21-A	4391A	Inactive	Cavity	Unsuitable	Insert	
O21-A	4392A	Inactive	Cavity	Unsuitable	Insert	
O21-A	4392A	Inactive	Cavity	Unsuitable	Natural	
O21-A	4393A	Active	Cavity	Suitable	Insert	2014
O21-A	4394A	Active	Cavity	Suitable	Insert	
O21-B	4074A	Inactive	Start	Unsuitable	Natural	
O21-B	4074A	Inactive	Cavity	Unsuitable	Insert	
O21-B	4075A	Active	Cavity	Suitable	Insert	
O21-B	4076A	Active	Cavity	Suitable	Insert	
O21-B	4077A	Inactive	Cavity	Unsuitable	Insert	
O21-B	5021	Inactive	Cavity	Suitable	Natural	
O21-B	5059	Inactive	Start	Unsuitable	Natural	
O21-B	5059	Inactive	Start	Unsuitable	Natural	
O21-B	5629	Active	Cavity	Suitable	Natural	
O21-B	7177	Active	Cavity	Suitable	Natural	2014
O21-B	7177	Active	Cavity	Suitable	Natural	
O24-A	1289	Inactive	Cavity	Unsuitable	Natural	
O24-A	1289	Inactive	Start	Unsuitable	Natural	
O24-A	2974	Inactive	Cavity	Unsuitable	Natural	
O24-A	2974	Inactive	Cavity	Unsuitable	Natural	
O24-A	2974	Inactive	Start	Unsuitable	Natural	
O24-A	4595	Inactive	Start	Unsuitable	Natural	
O24-A	4595	Inactive	Cavity	Unsuitable	Natural	
O24-A	4717A	Active	Cavity	Suitable	Insert	
O24-A	6203	Inactive	Start	Unsuitable	Natural	
O24-A	6204	Active	Cavity	Suitable	Natural	
O24-A	6205	Active	Cavity	Suitable	Natural	2014
O24-B	0819	Inactive	Start	Unsuitable	Natural	
O24-B	0819	Inactive	Start	Unsuitable	Natural	
O24-B	2422	Inactive	Cavity	Unsuitable	Natural	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
O24-B	4753A	Active	Cavity	Suitable	Insert	
O24-B	4754A	Inactive	Cavity	Unsuitable	Insert	
O24-B	5512	Inactive	Start	Unsuitable	Natural	
O24-B	5519A	Active	Cavity	Suitable	Drilled	
O24-B	6617	Active	Cavity	Unsuitable	Natural	
O24-B	7270	Active	Cavity	Unsuitable	Natural	
O24-C	2111	Inactive	Cavity	Unsuitable	Natural	
O24-C	2111	Inactive	Cavity	Unsuitable	Natural	
O24-C	2111	Inactive	Cavity	Unsuitable	Natural	
O24-C	2558A	Active	Cavity	Suitable	Insert	2014
O24-C	2559A	Inactive	Cavity	Unsuitable	Insert	
O24-C	2560A	Inactive	Cavity	Unsuitable	Insert	
O24-C	3316A	Inactive	Start	Unsuitable	Natural	
O24-C	3316A	Active	Cavity	Suitable	Natural	
O24-C	4032	Inactive	Cavity	Unsuitable	Natural	
O24-C	4032	Inactive	Start	Unsuitable	Natural	
O24-C	4032	Inactive	Start	Unsuitable	Natural	
O24-C	4596	Inactive	Cavity	Suitable	Natural	
O24-C	4702	Inactive	Cavity	Unsuitable	Natural	
O24-C	5633	Inactive	Start	Unsuitable	Natural	
O24-C	5633	Active	Cavity	Suitable	Natural	
O24-C	7478	Active	Cavity	Suitable	Natural	
O24-D	4927	Inactive	Cavity	Suitable	Natural	
O24-D	4927	Inactive	Cavity	Unsuitable	Natural	
O24-D	4927	Inactive	Start	Unsuitable	Natural	
O24-D	4957	Inactive	Start	Unsuitable	Natural	
O24-D	5061	Inactive	Cavity	Unsuitable	Natural	
O24-D	5501	Inactive	Cavity	Unsuitable	Natural	
O24-D	5760	Inactive	Start	Unsuitable	Natural	
O24-D	5760	Active	Cavity	Suitable	Natural	
O24-D	6552A	Active	Cavity	Suitable	Insert	
O24-D	6553A	Active	Cavity	Suitable	Insert	2014
O24-D	6554A	Active	Cavity	Suitable	Insert	
O24-D	6555A	Active	Cavity	Suitable	Insert	
O24-D	7359	Inactive	Cavity	Suitable	Natural	
O25-A	2242	Inactive	Cavity	Unsuitable	Natural	
O25-A	2244	Inactive	Cavity	Unsuitable	Natural	
O25-A	2244	Inactive	Start	Unsuitable	Natural	
O25-A	2508	Inactive	Cavity	Unsuitable	Natural	
O25-A	2508	Inactive	Start	Unsuitable	Natural	
O25-A	2590A	Inactive	Cavity	Unsuitable	Insert	
O25-A	2591A	Inactive	Cavity	Unsuitable	Insert	
O25-A	2608A	Active	Cavity	Suitable	Insert	
O25-A	4573	Active	Start	Unsuitable	Natural	
O25-A	6514	Active	Cavity	Suitable	Natural	2014
O25-A	6514	Inactive	Start	Unsuitable	Natural	
O25-A	6515	Inactive	Cavity	Suitable	Natural	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
O25-A	6543A	Inactive	Cavity	Suitable	Insert	
O25-B	6680	Inactive	Start	Unsuitable	Natural	
O25-B	6646	Active	Cavity	Suitable	Natural	
O25-B	6646	Active	Cavity	Unsuitable	Natural	
O25-B	4756A	Inactive	Cavity	Unsuitable	Insert	
O25-B	4757A	Inactive	Cavity	Unsuitable	Insert	
O25-B	4758A	Inactive	Start	Unsuitable	Natural	
O25-B	4758A	Inactive	Cavity	Unsuitable	Insert	
O25-B	5759A	Inactive	Cavity	Unsuitable	Insert	
O25-B	7042A	Active	Cavity	Suitable	Insert	2014
O25-B	7043A	Active	Cavity	Suitable	Insert	
O26-A	1744	Inactive	Start	Unsuitable	Natural	
O26-A	6842	Active	Cavity	Suitable	Natural	2014
O26-A	3436A	Inactive	Cavity	Unsuitable	Insert	
O26-A	3437A	Inactive	Cavity	Unsuitable	Insert	
O26-A	5005A	Inactive	Cavity	Unsuitable	Drilled	
O26-A	7030	Active	Cavity	Suitable	Natural	
O26-A	7384	Active	Cavity	Suitable	Natural	
O26-A	7385	Active	Cavity	Suitable	Natural	
O26-B	5498A	Inactive	Cavity	Suitable	Insert	
O26-B	5499A	Active	Cavity	Suitable	Insert	
O26-B	5671	Inactive	Cavity	Suitable	Natural	
O26-B	6073	Inactive	Start	Unsuitable	Natural	
O26-B	6073	Active	Cavity	Suitable	Natural	2014
O26-B	7170	Active	Cavity	Unsuitable	Natural	
O28-A	6875	Inactive	Cavity	Unsuitable	Natural	
O28-A	6875	Active	Cavity	Unsuitable	Natural	
O28-A	3377	Inactive	Start	Unsuitable	Natural	
O28-A	3377	Inactive	Cavity	Unsuitable	Natural	
O28-A	4034	Inactive	Start	Unsuitable	Natural	
O28-A	4461	Inactive	Cavity	Suitable	Natural	
O28-A	4461	Inactive	Cavity	Unsuitable	Natural	
O28-A	4461	Inactive	Start	Unsuitable	Natural	
O28-A	4885	Inactive	Cavity	Unsuitable	Natural	
O28-A	4892	Inactive	Start	Unsuitable	Natural	
O28-A	4892	Inactive	Cavity	Suitable	Natural	
O28-A	5143	Inactive	Cavity	Unsuitable	Natural	
O28-A	5257	Active	Cavity	Suitable	Natural	
O28-A	5257	Inactive	Cavity	Unsuitable	Natural	
O28-A	5397	Inactive	Cavity	Unsuitable	Natural	
O28-A	5507	Inactive	Start	Unsuitable	Natural	
O28-A	5507	Inactive	Cavity	Unsuitable	Natural	
O28-A	2247	Inactive	Cavity	Unsuitable	Natural	
O28-A	2247	Inactive	Cavity	Unsuitable	Natural	
O28-A	6059	Inactive	Cavity	Suitable	Natural	
O28-A	6070	Active	Cavity	Suitable	Natural	
O28-A	6540	Active	Cavity	Unsuitable	Natural	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
O28-A	7251	Active	Cavity	Suitable	Natural	
O28-A	7490	Active	Cavity	Suitable	Natural	
O28-B	0770	Inactive	Start	Unsuitable	Natural	
O28-B	0770	Inactive	Cavity	Unsuitable	Natural	
O28-B	0770	Inactive	Cavity	Unsuitable	Natural	
O28-B	2250	Inactive	Cavity	Unsuitable	Natural	
O28-B	2250	Inactive	Start	Unsuitable	Natural	
O28-B	2250	Inactive	Cavity	Suitable	Natural	
O28-B	2262	Active	Cavity	Suitable	Natural	
O28-B	2262	Inactive	Start	Unsuitable	Natural	
O28-B	2262	Active	Cavity	Suitable	Natural	
O28-B	2263	Inactive	Cavity	Suitable	Natural	
O28-B	4913	Inactive	Start	Unsuitable	Natural	
O28-B	6544A	Active	Cavity	Suitable	Insert	
O28-B	6544A	Active	Cavity	Suitable	Natural	
O28-B	6545A	Active	Cavity	Suitable	Insert	2014
O30-A	4421A	Active	Cavity	Suitable	Insert	
O30-A	4422A	Inactive	Cavity	Unsuitable	Insert	
O30-A	4423A	Inactive	Cavity	Unsuitable	Insert	
O30-A	4424A	Inactive	Cavity	Suitable	Insert	
O30-A	5770	Active	Cavity	Unsuitable	Natural	
O30-A	5892	Inactive	Cavity	Unsuitable	Natural	
O30-A	6962	Active	Cavity	Suitable	Natural	2014
O33-A	7204A	Inactive	Cavity	Suitable	Insert	
O33-A	7204A	Inactive	Cavity	Suitable	Insert	
O33-A	7205A	Inactive	Cavity	Suitable	Insert	
O33-A	7205A	Inactive	Cavity	Suitable	Insert	
O33-A	7206A	Inactive	Cavity	Suitable	Insert	
O33-A	7206A	Inactive	Cavity	Suitable	Insert	
O33-A	7207A	Inactive	Cavity	Suitable	Insert	
O33-A	7207A	Inactive	Cavity	Suitable	Insert	
O34-A	6825	Active	Cavity	Suitable	Natural	
O34-A	3140A	Inactive	Cavity	Suitable	Insert	
O34-A	3140A	Inactive	Start	Unsuitable	Natural	
O34-A	3141A	Inactive	Start	Unsuitable	Natural	
O34-A	3141A	Inactive	Cavity	Unsuitable	Insert	
O34-A	4973A	Inactive	Cavity	Suitable	Insert	
O34-A	4974A	Inactive	Cavity	Suitable	Insert	
O34-A	5099	Active	Cavity	Unsuitable	Natural	
O34-A	5099	Active	Cavity	Suitable	Natural	
O34-A	5060	Inactive	Cavity	Suitable	Natural	
O34-A	3139A	Inactive	Cavity	Unsuitable	Insert	
O34-A	0672	Inactive	Start	Unsuitable	Natural	
O34-A	6034	Active	Cavity	Suitable	Natural	
O34-A	7069	Inactive	Cavity	Unsuitable	Natural	
O34-A	7125	Active	Cavity	Suitable	Natural	2014
Q03-A	0379	Inactive	Start	Unsuitable	Natural	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
Q03-A	0379	Inactive	Cavity	Unsuitable	Natural	
Q03-A	0379	Inactive	Cavity	Unsuitable	Natural	
Q03-A	0379	Inactive	Cavity	Unsuitable	Natural	
Q03-A	6899	Active	Cavity	Suitable	Natural	
Q03-A	6900	Active	Cavity	Suitable	Natural	
Q03-A	6901	Inactive	Cavity	Suitable	Natural	
Q03-A	4222	Inactive	Cavity	Suitable	Natural	
Q03-A	4257	Active	Cavity	Suitable	Natural	
Q03-A	4843	Active	Cavity	Suitable	Natural	2014
Q03-A	5244	Inactive	Cavity	Unsuitable	Natural	
Q03-A	5244	Inactive	Start	Unsuitable	Natural	
Q03-A	5670	Active	Cavity	Unsuitable	Natural	
Q03-A	5766	Inactive	Start	Unsuitable	Natural	
Q03-A	6501	Inactive	Cavity	Unsuitable	Natural	
Q03-A	6501	Inactive	Start	Unsuitable	Natural	
Q03-A	6501	Inactive	Cavity	Unsuitable	Natural	
Q03-A	7465	Active	Cavity	Suitable	Natural	
Q03-C	6844	Active	Cavity	Suitable	Natural	
Q03-C	4050A	Inactive	Cavity	Suitable	Insert	
Q03-C	4051A	Inactive	Cavity	Unsuitable	Insert	
Q03-C	4052A	Active	Cavity	Suitable	Insert	2014
Q03-C	5052	Active	Cavity	Suitable	Natural	
Q03-C	5450	Active	Cavity	Suitable	Natural	
R01-A	4661A	Inactive	Cavity	Suitable	Insert	
R01-A	4661A	Inactive	Cavity	Unsuitable	Insert	
R01-A	4662A	Inactive	Cavity	Unsuitable	Insert	
R01-A	4681	Inactive	Cavity	Unsuitable	Natural	
R01-A	4681	Active	Cavity	Suitable	Natural	
R01-A	4682	Inactive	Cavity	Unsuitable	Natural	
R01-A	4682	Inactive	Cavity	Unsuitable	Natural	
R01-A	4975A	Active	Cavity	Suitable	Insert	
R01-A	4976A	Inactive	Cavity	Unsuitable	Insert	
R01-A	4976A	Active	Cavity	Suitable	Insert	
R01-A	5740	Inactive	Cavity	Unsuitable	Natural	
R01-A	5846	Inactive	Cavity	Suitable	Natural	
R01-A	6941	Active	Cavity	Suitable	Natural	2014
R01-B	2654A	Inactive	Cavity	Suitable	Insert	
R01-B	2654A	Inactive	Cavity	Unsuitable	Insert	
R01-B	2657A	Inactive	Cavity	Suitable	Insert	
R01-B	6833	Active	Start	Unsuitable	Natural	
R01-B	6833	Active	Cavity	Suitable	Natural	
R01-B	3902A	Inactive	Cavity	Unsuitable	Insert	
R01-B	4912	Inactive	Cavity	Unsuitable	Natural	
R01-B	5867	Inactive	Cavity	Unsuitable	Natural	
R01-B	6044A	Active	Cavity	Suitable	Drilled	
R01-B	6043A	Inactive	Cavity	Unsuitable	Drilled	
R01-B	6043A	Active	Cavity	Suitable	Insert	2014

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
R01-B	6147	Inactive	Cavity	Suitable	Natural	
R01-B	6147	Inactive	Cavity	Unsuitable	Natural	
R01-B	6148	Inactive	Cavity	Unsuitable	Natural	
R01-B	7508	Active	Cavity	Suitable	Natural	
R03-A	4413A	Active	Cavity	Suitable	Insert	
R03-A	4413A	Inactive	Cavity	Suitable	Insert	
R03-A	4414A	Active	Cavity	Suitable	Insert	
R03-A	4414A	Inactive	Cavity	Unsuitable	Insert	
R03-A	4415A	Active	Cavity	Suitable	Insert	
R03-A	4415A	Inactive	Cavity	Suitable	Insert	
R03-A	4416A	Active	Cavity	Suitable	Insert	
R03-A	5055	Inactive	Cavity	Suitable	Natural	
R03-A	5466	Inactive	Cavity	Unsuitable	Natural	
R03-A	5466	Inactive	Cavity	Unsuitable	Natural	
R03-A	6879	Inactive	Cavity	Suitable	Natural	
R03-A	6879	Inactive	Cavity	Unsuitable	Natural	
R03-A	6977	Inactive	Cavity	Unsuitable	Natural	
R03-A	7341	Active	Cavity	Suitable	Natural	
R03-A	7462	Active	Cavity	Suitable	Natural	2014
S02-A	4129A	Active	Cavity	Suitable	Insert	
S02-A	4131A	Inactive	Start	Unsuitable	Natural	
S02-A	4131A	Inactive	Cavity	Suitable	Insert	
S02-A	4131A	Inactive	Cavity	Suitable	Insert	
S02-A	4272A	Inactive	Cavity	Unsuitable	Drilled	
S02-A	5430	Inactive	Cavity	Suitable	Natural	
S02-A	5430	Inactive	Cavity	Suitable	Natural	
S02-A	5430	Inactive	Cavity	Suitable	Natural	
S02-A	5840A	Inactive	Cavity	Suitable	Drilled	
S02-A	5840A	Inactive	Cavity	Unsuitable	Drilled	
S02-A	5837A	Inactive	Cavity	Unsuitable	Drilled	
S02-A	5838A	Active	Cavity	Suitable	Drilled	
S02-A	5839A	Active	Cavity	Unsuitable	Drilled	
S02-A	5839A	Inactive	Cavity	Suitable	Drilled	
S02-A	6580	Inactive	Cavity	Suitable	Natural	
S02-A	6580	Active	Cavity	Suitable	Natural	
S02-A	6878	Active	Cavity	Suitable	Natural	2014
S02-B	2534A	Active	Cavity	Suitable	Insert	
S02-B	2634A	Inactive	Cavity	Suitable	Insert	
S02-B	2635A	Inactive	Cavity	Unsuitable	Insert	
S02-B	4921	Inactive	Cavity	Unsuitable	Natural	
S02-B	4921	Inactive	Cavity	Unsuitable	Natural	
S02-B	5067	Inactive	Cavity	Suitable	Natural	
S02-B	5067	Inactive	Cavity	Unsuitable	Natural	
S02-B	5663	Inactive	Cavity	Suitable	Natural	
S02-B	5735	Inactive	Cavity	Unsuitable	Natural	
S02-B	6207	Active	Cavity	Suitable	Natural	
S02-B	7149	Active	Cavity	Suitable	Natural	2014

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
S04-A	6876	Active	Cavity	Suitable	Natural	2014
S04-A	5053	Active	Cavity	Suitable	Natural	
S04-A	6103A	Inactive	Cavity	Suitable	Insert	
S04-A	6103A	Active	Cavity	Suitable	Insert	
S04-A	6104A	Inactive	Cavity	Unsuitable	Insert	
S04-A	6104A	Inactive	Cavity	Suitable	Insert	
S04-A	6541A	Active	Cavity	Suitable	Insert	
S04-A	6542A	Inactive	Cavity	Unsuitable	Insert	
S04-A	6542A	Active	Cavity	Suitable	Insert	
S04-B	5416A	Inactive	Cavity	Suitable	Insert	
S04-B	6047A	Inactive	Cavity	Unsuitable	Drilled	
S04-B	6047A	Inactive	Cavity	Unsuitable	Drilled	
S04-B	6116A	Active	Cavity	Suitable	Insert	
S04-B	6117A	Active	Cavity	Suitable	Insert	
S04-B	6171	Inactive	Cavity	Unsuitable	Natural	
S04-B	6174	Active	Cavity	Suitable	Natural	
S04-B	6174	Inactive	Cavity	Unsuitable	Natural	
S04-B	7236	Active	Cavity	Suitable	Natural	2014
SHC-A	4929A	Inactive	Cavity	Suitable	Insert	
SHC-A	4932A	Inactive	Cavity	Unsuitable	Drilled	
SHC-A	7040A	Inactive	Cavity	Suitable	Insert	
SHC-A	7041A	Inactive	Cavity	Suitable	Insert	
SHC-B	3397A	Inactive	Cavity	Unsuitable	Drilled	
SHC-B	3398A	Inactive	Cavity	Unsuitable	Drilled	
SHC-B	4084A	Inactive	Cavity	Suitable	Insert	
SHC-B	4085A	Inactive	Cavity	Unsuitable	Insert	
SHC-B	4668	Inactive	Cavity	Suitable	Natural	
SHC-B	5180	Inactive	Cavity	Unsuitable	Natural	
SHC-B	5236	Inactive	Cavity	Unsuitable	Natural	
T04-A	6798A	Inactive	Start	Unsuitable	Natural	
T04-A	6798A	Inactive	Cavity	Suitable	Insert	
T04-A	6799A	Inactive	Cavity	Suitable	Insert	
T04-A	6847A	Active	Cavity	Suitable	Insert	
T04-A	6848A	Inactive	Cavity	Unsuitable	Insert	
T04-A	3187A	Inactive	Cavity	Suitable	Insert	
T04-A	3188A	Inactive	Cavity	Unsuitable	Insert	
T04-A	3189A	Inactive	Cavity	Suitable	Insert	
T04-A	3192A	Inactive	Cavity	Suitable	Insert	
T04-A	7154	Active	Cavity	Suitable	Natural	2014
T05-B	6831	Active	Cavity	Suitable	Natural	2014
T05-B	6831	Active	Cavity	Suitable	Natural	
T05-B	4443A	Inactive	Cavity	Suitable	Insert	
T05-B	4444A	Inactive	Cavity	Suitable	Insert	
T05-B	4445A	Inactive	Cavity	Unsuitable	Insert	
T05-B	4446A	Inactive	Cavity	Unsuitable	Insert	
T05-B	4787	Inactive	Cavity	Unsuitable	Natural	
T05-B	4787	Inactive	Cavity	Unsuitable	Natural	

Appendix D (continued). Red-cockaded woodpecker (RCW) cavity trees and cavity data within clusters impacted by the proposed Enhanced Training action, Fort Benning, Georgia.

Compartment-Cluster	Tag Number	Activity	Stage	Condition	Cavity Type	Nest Tree History
T05-B	4787	Inactive	Start	Unsuitable	Natural	
T05-B	4787	Inactive	Cavity	Unsuitable	Natural	
T05-B	4787	Inactive	Cavity	Unsuitable	Natural	
T05-B	5075	Inactive	Cavity	Suitable	Natural	
T05-B	5712	Inactive	Cavity	Unsuitable	Natural	
T05-B	5894	Inactive	Cavity	Unsuitable	Natural	
T05-B	7145	Active	Cavity	Suitable	Natural	
T06-A	2685A	Inactive	Cavity	Unsuitable	Insert	
T06-A	2685A	Inactive	Start	Unsuitable	Natural	
T06-A	2686A	Inactive	Cavity	Unsuitable	Insert	
T06-A	2688A	Inactive	Cavity	Unsuitable	Insert	
T06-A	6830	Active	Cavity	Suitable	Natural	2014
T06-A	5511	Active	Cavity	Suitable	Natural	
T06-A	5691	Inactive	Cavity	Unsuitable	Natural	
T06-A	5913	Inactive	Cavity	Suitable	Natural	
T06-A	6549A	Active	Cavity	Suitable	Insert	
T06-A	6550A	Inactive	Cavity	Suitable	Insert	
T06-A	6551A	Inactive	Cavity	Unsuitable	Insert	
T06-A	6518	Inactive	Cavity	Unsuitable	Natural	
T06-A	7259	Active	Cavity	Suitable	Natural	
T06-B	6671	Inactive	Cavity	Unsuitable	Natural	
T06-B	5497A	Inactive	Cavity	Unsuitable	Drilled	
T06-B	5494A	Inactive	Cavity	Unsuitable	Drilled	
T06-B	5496A	Inactive	Cavity	Suitable	Insert	
T06-B	5496A	Inactive	Cavity	Unsuitable	Insert	
T06-B	5495A	Active	Cavity	Suitable	Drilled	
T06-B	5961A	Inactive	Cavity	Suitable	Insert	
T06-B	5962A	Inactive	Cavity	Unsuitable	Insert	
T06-B	6169	Inactive	Cavity	Suitable	Natural	
T06-B	6169	Active	Cavity	Suitable	Natural	2014
T06-B	6234	Active	Cavity	Suitable	Natural	2014
T06-B	6234	Active	Cavity	Suitable	Natural	

APPENDIX E

RED-COCKADED WOODPECKER (RCW) FORAGING HABITAT ANALYSIS TABLES FOR THE MANAGED STABILITY STANDARD (MSS) AND RECOVERY STANDARD (RS)

Appendix E. Table 1. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **A02-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig. Habitat	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
A0218	19.39	55	25	15.90	4.20	4.40	3.20	14.50	30.00	33.20	6.80	6.50	1.70	6.80	46.30	4	17.0	3	1	19.39	643.75				
A0219	9.23	55	25	3.70	1.50	7.10	6.20	17.40	26.20	32.40	6.40	6.70	1.10	6.10	42.30	7	22.0	3	1			9.23	299.05		
A0225	40.59	66	10	15.90	5.50	10.90	8.00	15.70	26.00	34.00	46.00	11.30	1.50	10.50	63.50	2	10.0	3	1					40.59	1,380.06
A0226	10.70	22	21P	280.10	70.00	4.70	2.70	5.30	9.10	11.80	0.00	0.00	0.00	0.00	81.80	1	25.0	3	1					10.70	126.26
A0231	17.08	47	31	26.20	10.00	36.70	27.10	30.00	41.40	68.50	10.80	3.40	1.90	5.00	87.10	5	22.0	3	1					17.08	1,169.98
A0232	14.16	59	25	27.40	8.50	19.50	15.50	21.10	34.00	49.50	15.80	4.70	3.00	8.00	71.00	2	26.0	3	1					14.16	700.92
A0234	1.05	22	31P	207.50	70.00	72.50	47.50	8.20	12.50	60.00	13.00	2.00	1.90	3.80	137.60	1	10.0	3	1					1.05	63.00
A0311	15.64	59	25	22.80	7.50	21.10	16.00	32.00	47.50	63.50	0.00	0.60	0.50	1.50	72.50	1	28.0	3	1	15.64	993.14				
A0312	12.88	59	26	24.80	9.00	21.80	15.50	16.80	25.00	40.50	3.50	0.70	0.30	1.00	51.50	1	28.0	3	1	12.88	521.64				
A0320	12.58	60	25	19.30	6.20	30.00	23.10	17.80	28.50	51.60	6.90	3.00	2.60	6.10	66.20	1	39.0	3	1	12.58	649.13				
A0327	26.68	20	21P	109.70	27.00	8.00	6.00	2.90	5.00	11.00	0.00	0.00	0.60	1.00	39.00	1	18.0	3	1					26.68	293.48
A0333	5.83	44	26	39.70	12.00	16.20	12.00	18.30	28.00	40.00	1.40	2.60	2.90	6.00	58.50	1	25.0	3	1					5.83	233.20
	185.81																			**60.49**	**2,807.66**	**9.23**	**299.05**	**116.09**	**3,966.90**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
	Acres	BA	Acres	BA	Acres	BA
	60.49	2,807.66	9.23	299.05	116.09	3,966.90
	Suitable and Potentially Suitable					
	Acres		BA			
	69.72		3,106.71			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	185.81		7,073.61			

Appendix E. Table 2. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **A02-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
A0218	19.39	55	25	15.90	4.20	4.40	3.20	14.50	30.00	33.20	6.80	6.50	1.70	6.80	46.30	4	17.0	30	3	1					19.39	643.75
A0219	9.23	55	25	3.70	1.50	7.10	6.20	17.40	26.20	32.40	6.40	6.70	1.10	6.10	42.30	7	22.0	24	3	1					9.23	299.05
A0225	40.59	66	10	15.90	5.50	10.90	8.00	15.70	26.00	34.00	46.00	11.30	1.50	10.50	63.50	2	10.0	32	3	1					40.59	1,380.06
A0226	10.70	22	21P	280.10	70.00	4.70	2.70	5.30	9.10	11.80	0.00	0.00	0.00	0.00	81.80	1	25.0	0	3	1					10.70	126.26
A0231	17.08	47	31	26.20	10.00	36.70	27.10	30.00	41.40	68.50	10.80	3.40	1.90	5.00	87.10	5	22.0	7	3	1					17.08	1,169.98
A0232	14.16	59	25	27.40	8.50	19.50	15.50	21.10	34.00	49.50	15.80	4.70	3.00	8.00	71.00	2	26.0	16	3	1					14.16	700.92
A0234	1.05	22	31P	207.50	70.00	72.50	47.50	8.20	12.50	60.00	13.00	2.00	1.90	3.80	137.60	1	10.0	5	3	1					1.05	63.00
A0311	15.64	59	25	22.80	7.50	21.10	16.00	32.00	47.50	63.50	0.00	0.60	0.50	1.50	72.50	1	28.0	2	3	1					15.64	993.14
A0312	12.88	59	26	24.80	9.00	21.80	15.50	16.80	25.00	40.50	3.50	0.70	0.30	1.00	51.50	1	28.0	3	3	1					12.88	521.64
A0320	12.58	60	25	19.30	6.20	30.00	23.10	17.80	28.50	51.60	6.90	3.00	2.60	6.10	66.20	1	39.0	10	3	1					12.58	649.13
A0327	26.68	20	21P	109.70	27.00	8.00	6.00	2.90	5.00	11.00	0.00	0.00	0.60	1.00	39.00	1	18.0	5	3	1					26.68	293.48
A0333	5.83	44	26	39.70	12.00	16.20	12.00	18.30	28.00	40.00	1.40	2.60	2.90	6.00	58.50	1	25.0	14	3	1					5.83	233.20
	185.81																				**0.00**	**0.00**	**0.00**	**0.00**	**185.81**	**7,073.61**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**0.00**	**0.00**	**185.81**	**7,073.61**

Suitable and Potentially Suitable

Acres	BA
0.00	**0.00**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
185.81	**7,073.61**

Appendix E. Table 3. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **A10-D**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in.	Stems 4-10 in.	Stems 10-14 in.	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
A1004	36.19	63	26	28.50	7.50	20.90	15.00	25.40	38.00	53.00	6.90	3.70	0.70	4.00	66.00	1	21.0	3	1	36.19	1,918.07				
A1007	17.22	86	21	34.80	11.50	18.70	13.50	18.50	29.50	43.00	0.00	1.30	0.00	1.00	55.50	1	23.0	3	1	17.22	740.46				
A1104	6.56	63	31	3.90	1.40	9.60	8.60	17.70	28.60	37.20	0.00	0.00	0.50	1.40	40.00	2	26.0	3	1	6.56	244.03				
A1109	3.62	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.62	0.00
A1111	0.37	86	26	28.70	9.00	21.10	14.00	16.30	27.00	41.00	0.00	1.00	0.60	1.50	51.50	1	36.0	3	1	0.37	15.17				
HCC34	11.37	89	26	17.10	5.00	13.90	10.50	23.20	32.50	43.00	1.20	0.90	0.80	2.00	50.50	1	15.0	3	1	11.37	488.91				
HCC40	4.10	63	26	31.20	7.00	8.10	6.00	10.60	19.00	25.00	3.70	0.00	0.00	0.00	33.50	7	28.0	3	1					4.10	102.50
HCC49	9.15	63	25	2.80	1.10	7.50	5.80	14.00	21.60	27.40	3.70	6.00	2.30	8.90	39.00	9	20.0	3	1					9.15	250.71
HCC57	7.10	87	26	36.40	10.00	11.90	8.40	13.70	24.70	33.10	0.00	0.00	0.40	0.50	43.60	1	18.0	3	1	7.10	235.01				
	95.68																			**78.81**	**3641.65**	**0.00**	**0.00**	**16.87**	**353.21**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines ≥14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
A1109					3.62	0.00
A1111	0.37	15.17				
HCC57	7.10	235.01				
TOTALS	**7.47**	**250.18**	**0.00**	**0.00**	**3.62**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
71.34	**3,391.47**	**0.00**	**0.00**	**13.25**	**353.21**

Suitable and Potentially Suitable	
Acres	BA
71.34	**3,391.47**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
84.59	**3,744.68**

Appendix E. Table 4. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **A10-D**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
A1004	36.19	63	26	28.50	7.50	20.90	15.00	25.40	38.00	53.00	6.90	3.70	0.70	4.00	66.00	1	21.0	9	3	1			36.19	1,918.07		
A1007	17.22	86	21	34.80	11.50	18.70	13.50	18.50	29.50	43.00	0.00	1.30	0.00	1.00	55.50	1	23.0	3	3	1			17.22	740.46		
A1104	6.56	63	31	3.90	1.40	9.60	8.60	17.70	28.60	37.20	0.00	0.00	0.50	1.40	40.00	2	26.0	2	3	1					6.56	244.03
A1109	3.62	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.62	0.00
A1111	0.37	86	26	28.70	9.00	21.10	14.00	16.30	27.00	41.00	0.00	1.00	0.60	1.50	51.50	1	36.0	4	3	1					0.37	15.17
HCC34	11.37	89	26	17.10	5.00	13.90	10.50	23.20	32.50	43.00	1.20	0.90	0.80	2.00	50.50	1	15.0	4	3	1			11.37	488.91		
HCC40	4.10	63	26	31.20	7.00	8.10	6.00	10.60	19.00	25.00	3.70	0.00	0.00	0.00	33.50	7	28.0	0	3	1					4.10	102.50
HCC49	9.15	63	25	2.80	1.10	7.50	5.80	14.00	21.60	27.40	3.70	6.00	2.30	8.90	39.00	9	20.0	28	3	1					9.15	250.71
HCC57	7.10	87	26	36.40	10.00	11.90	8.40	13.70	24.70	33.10	0.00	0.00	0.40	0.50	43.60	1	18.0	2	3	1					7.10	235.01
	95.68																				**0.00**	**0.00**	**64.78**	**3,147.44**	**30.90**	**847.42**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
A1109					3.62	0.00
A1111					0.37	15.17
HCC57					7.10	235.01
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**11.09**	**250.18**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**64.78**	**3,147.44**	**19.81**	**597.24**

Suitable and Potentially Suitable

Acres	BA
64.78	**3,147.44**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
84.59	**3,744.68**

Appendix E. Table 5. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **A11-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in.	Stems 4-10 in.	Stems 10-14 in.	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
A1109	5.12	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.12	0.00
A1111	91.16	86	26	28.70	9.00	21.10	14.00	16.30	27.00	41.00	0.00	1.00	0.60	1.50	51.50	1	36.0	3	1	91.16	3,737.56				
A1304	0.06	59	31	0.00	0.00	22.20	16.30	18.00	30.00	46.30	0.00	0.00	0.70	1.30	47.60	1	21.0	3	1	0.06	2.78				
HCC57	8.45	87	26	36.40	10.00	11.90	8.40	13.70	24.70	33.10	0.00	0.00	0.40	0.50	43.60	1	18.0	3	1	8.45	279.70				
HCC58	7.93	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					7.93	0.00
HCC59	0.77	90	26	20.40	6.50	7.40	5.00	17.80	34.50	39.50	2.30	0.00	0.00	0.00	47.00	1	40.0	3	1	0.77	30.42				
HCC69	3.57	90	25	20.90	4.00	2.20	2.00	16.90	36.00	38.00	8.30	1.30	0.90	2.50	47.50	1	28.0	3	1	3.57	135.66				
	117.06																			**104.01**	**4,186.12**	**0.00**	**0.00**	**13.05**	**0.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
104.01	**4,186.12**	**0.00**	**0.00**	**13.05**	**0.00**

Suitable and Potentially Suitable

Acres	BA
104.01	**4,186.12**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
117.06	**4,186.12**

Appendix E. Table 6. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **A11-A**, Fort Benning Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
A1109	5.12	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.12	0.00
A1111	91.16	86	26	28.70	9.00	21.10	14.00	16.30	27.00	41.00	0.00	1.00	0.60	1.50	51.50	1	36.0	4	3	1					91.16	3,737.56
A1304	0.06	59	31	0.00	0.00	22.20	16.30	18.00	30.00	46.30	0.00	0.00	0.70	1.30	47.60	1	21.0	2	3	1					0.06	2.78
HCC57	8.45	87	26	36.40	10.00	11.90	8.40	13.70	24.70	33.10	0.00	0.00	0.40	0.50	43.60	1	18.0	2	3	1					8.45	279.70
HCC58	7.93	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					7.93	0.00
HCC59	0.77	90	26	20.40	6.50	7.40	5.00	17.80	34.50	39.50	2.30	0.00	0.00	0.00	47.00	1	40.0	0	3	1					0.77	30.42
HCC69	3.57	90	25	20.90	4.00	2.20	2.00	16.90	36.00	38.00	8.30	1.30	0.90	2.50	47.50	1	28.0	10	3	1					3.57	135.66
	117.06																				**0.00**	**0.00**	**0.00**	**0.00**	**117.06**	**4,186.12**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**0.00**	**0.00**	**117.06**	**4186.12**

Suitable and Potentially Suitable	
Acres	BA
0.00	**0.00**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
117.06	**4,186.12**

Appendix E. Table 7. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **A11-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability							
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential		Minimally Managed Pine-	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA	Acres	BA
A1111	110.60	86	26	28.70	9.00	21.10	14.00	16.30	27.00	41.00	0.00	1.00	0.60	1.50	51.50	1	36.0	3	1	110.60	4,534.60						
A1301	9.53	101	26	26.40	6.00	3.90	2.50	17.80	32.50	35.00	1.10	0.00	0.00	0.00	41.50	1	24.0	3	1	9.53	333.55						
A1305	0.97	97	26	36.40	8.60	9.20	6.40	13.60	23.60	30.00	1.70	2.30	1.90	4.30	43.60	5	21.0	3	1	0.97	29.10						
A2001	17.33	86	PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2							17.33	0.00
	138.43																			**121.10**	**4,897.25**	**0.00**	**0.00**	**0.00**	**0.00**	**17.33**	**0.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
26 = Mixed Pine - Longleaf Pine
PINE = A20 Dudded Impact Area, no data taken

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential		Minimally Managed Pine	
		Acres	BA	Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential		Minimally Managed Pine	
	Acres	BA	Acres	BA	Acres	BA	Acres	BA
	121.10	**4,897.25**	**0.00**	**0.00**	**0.00**	**0.00**	**17.33**	**0.00**
	Suitable and Potentially Suitable							
	Acres		BA					
	121.10		**4,897.25**					
	Total Manageable Potentially Contiguous Pine Habitat							
	Acres		BA					
	138.43		**4,897.25**					

Appendix E. Table 8. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **A11-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability							
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential		Minimally Managed Pine-Dominated	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA	Acres	BA
A1111	110.60	86	26	28.70	9.00	21.10	14.00	16.30	27.00	41.00	0.00	1.00	0.60	1.50	51.50	1	36.0	4	3	1					110.60	4,534.60		
A1301	9.53	101	26	26.40	6.00	3.90	2.50	17.80	32.50	35.00	1.10	0.00	0.00	0.00	41.50	1	24.0	0	3	1					9.53	333.55		
A1305	0.97	97	26	36.40	8.60	9.20	6.40	13.60	23.60	30.00	1.70	2.30	1.90	4.30	43.60	5	21.0	16	3	1					0.97	29.10		
A2001	17.33	86	PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2							17.33	0.00
	138.43																				**0.00**	**0.00**	**0.00**	**0.00**	**121.10**	**4,897.25**	**17.33**	**0.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
26 = Mixed Pine - Longleaf Pine
PINE = A20 Dudded Impact Area, no data taken

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential		Minimally Managed Pine	
	Acres	BA	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**17.33**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential		Minimally Managed Pine	
Acres	BA	Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**0.00**	**0.00**	**121.10**	**4,897.25**	**17.33**	**0.00**

Suitable and Potentially Suitable	
Acres	BA
0.00	**0.00**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
138.43	**4,897.25**

Appendix E. Table 9. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **A11-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability							
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential		Minimally Managed Pine-Dominated	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA	Acres	BA
A1111	34.18	86	26	28.70	9.00	21.10	14.00	16.30	27.00	41.00	0.00	1.00	0.60	1.50	51.50	1	36.0	3	1	34.18	1,401.38						
A2001	92.39	86	PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2							92.39	0.00
	126.57																			**34.18**	**1,401.38**	**0.00**	**0.00**	**0.00**	**0.00**	**92.39**	**0.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
26 = Mixed Pine - Longleaf Pine
PINE = A20 Dudded Impact Area, no data taken

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat

Temporarily noncontiguous (temp. noncontig.) suitable or sotentially suitable habitat. These stands were tallied with future potential habitat.

	Stand	Project Name	Suitable		Potentially Suitable		Future Potential		Minimally	
			Acres	BA	Acres	BA	Acres	BA	Acres	BA
PROJECT REMOVALS	A2001	Coolidge Range beaten area							9.97	0.00
		PROJECT TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**9.97**	**0.00**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential		Minimally Managed Pine	
		Acres	BA	Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential		Minimally Managed Pine	
	Acres	BA	Acres	BA	Acres	BA	Acres	BA
	34.18	**1,401.38**	**0.00**	**0.00**	**0.00**	**0.00**	**82.42**	**0.00**

Suitable and Potentially Suitable	
Acres	BA
34.18	**1,401.38**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
116.60	**1,401.38**

Appendix E. Table 10. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **A11-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability							
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential		Minimally Managed Pine-Dominated	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA	Acres	BA
A1111	34.18	86	26	28.70	9.00	21.10	14.00	16.30	27.00	41.00	0.00	1.00	0.60	1.50	51.50	1	36.0	4	3	1					34.18	1,401.38		
A2001	92.39	86	PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2							92.39	0.00
	126.57																				**0.00**	**0.00**	**0.00**	**0.00**	**34.18**	**1,401.38**	**92.39**	**0.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
26 = Mixed Pine - Longleaf Pine
PINE = A20 Dudded Impact Area, no data taken

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat

			Suitable		Potentially Suitable		Future Potential		Minimally Managed	
PROJECT REMOVALS	**Stand**	**Project Name**	Acres	BA	Acres	BA	Acres	BA	Acres	BA
	A2001	Coolidge Range beaten area							9.97	0.00
		PROJECT TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**9.97**	**0.00**

		Suitable		Potentially Suitable		Future Potential		Minimally Managed Pine	
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	**Stand**	Acres	BA	Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

	Suitable		Potentially Suitable		Future Potential		Minimally Managed Pine	
	Acres	BA	Acres	BA	Acres	BA	Acres	BA
BASELINE TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**34.18**	**1,401.38**	**82.42**	**0.00**

Suitable and Potentially Suitable	
Acres	BA
0.00	**0.00**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
116.60	**1,401.38**

Appendix E. Table 11. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **A13-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in.	Stems	Stems	Stems	BA						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA	4-10 in.	10-14 in.	≥14 in. dbh	≥10 in. dbh						Acres	BA	Acres	BA	Acres	BA
A1201	2.50	56	25	37.60	10.00	28.30	19.50	13.40	21.00	40.50	14.40	5.30	1.80	7.50	62.00	1	32.0	0	0	2.50	101.25				
A1204	18.69	75	10	12.50	4.00	9.40	7.50	9.40	15.00	22.50	31.20	11.50	4.00	13.50	50.50	5	26.0	0	0					18.69	420.53
A1301	2.80	101	26	26.40	6.00	3.90	2.50	17.80	32.50	35.00	1.10	0.00	0.00	0.00	41.50	1	24.0	3	1	2.80	98.00				
A1305	13.38	97	26	36.40	8.60	9.20	6.40	13.60	23.60	30.00	1.70	2.30	1.90	4.30	43.60	5	21.0	3	1	13.38	401.40				
A1306	15.66	65	26	32.10	7.50	17.00	11.90	17.90	25.60	37.50	14.10	6.70	3.40	10.00	58.80	2	31.0	3	1			15.66	587.25		
A1307	18.66	97	26	7.50	2.10	6.30	5.30	18.50	31.10	36.40	1.20	0.90	1.20	2.10	41.10	4	23.0	3	1	18.66	679.22				
A1308	2.61	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.61	0.00
A1310	13.25	97	26	2.10	0.80	6.30	4.60	19.60	31.50	36.10	21.10	4.30	4.80	10.00	50.70	1	32.0	3	1			13.25	478.33		
A1311	24.53	65	26	19.30	5.60	10.30	7.80	17.00	28.90	36.70	0.00	0.00	0.00	0.00	42.30	1	34.0	3	1	24.53	900.25				
A1312	8.06	65	31	27.40	7.10	3.70	2.90	12.90	21.40	24.30	11.60	15.50	2.20	12.90	48.60	4	13.0	3	1					8.06	195.86
A1313	3.67	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.67	0.00
A1317	4.43	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					4.43	0.00
A1420	7.09	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					7.09	0.00
A1421	1.75	60	25U	16.90	5.00	17.30	12.50	9.30	13.00	25.50	5.20	0.00	0.90	1.50	33.50	2	44.0	3	1					1.75	44.63
A2001	7.03	86	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					7.03	0.00
	144.11																			**61.87**	**2,180.12**	**28.91**	**1,065.58**	**53.33**	**661.02**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted
ND = No data taken

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
A1420					7.09	0.00
A1421					1.75	44.63
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**8.84**	**44.63**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
61.87	**2,180.12**	**28.91**	**1,065.58**	**44.49**	**616.39**

Suitable and Potentially Suitable

Acres	BA
90.78	**3,245.70**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
135.27	**3,862.09**

Appendix E. Table 12. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **A13-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
A1201	2.50	56	25	37.60	10.00	28.30	19.50	13.40	21.00	40.50	14.40	5.30	1.80	7.50	62.00	1	32.0	15	0	0					2.50	101.25
A1204	18.69	75	10	12.50	4.00	9.40	7.50	9.40	15.00	22.50	31.20	11.50	4.00	13.50	50.50	5	26.0	45	0	0					18.69	420.53
A1301	2.80	101	26	26.40	6.00	3.90	2.50	17.80	32.50	35.00	1.10	0.00	0.00	0.00	41.50	1	24.0	0	3	1					2.80	98.00
A1305	13.38	97	26	36.40	8.60	9.20	6.40	13.60	23.60	30.00	1.70	2.30	1.90	4.30	43.60	5	21.0	16	3	1					13.38	401.40
A1306	15.66	65	26	32.10	7.50	17.00	11.90	17.90	25.60	37.50	14.10	6.70	3.40	10.00	58.80	2	31.0	22	3	1					15.66	587.25
A1307	18.66	97	26	7.50	2.10	6.30	5.30	18.50	31.10	36.40	1.20	0.90	1.20	2.10	41.10	4	23.0	8	3	1					18.66	679.22
A1308	2.61	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.61	0.00
A1310	13.25	97	26	2.10	0.80	6.30	4.60	19.60	31.50	36.10	21.10	4.30	4.80	10.00	50.70	1	32.0	26	3	1					13.25	478.33
A1311	24.53	65	26	19.30	5.60	10.30	7.80	17.00	28.90	36.70	0.00	0.00	0.00	0.00	42.30	1	34.0	0	3	1					24.53	900.25
A1312	8.06	65	31	27.40	7.10	3.70	2.90	12.90	21.40	24.30	11.60	15.50	2.20	12.90	48.60	4	13.0	52	3	1					8.06	195.86
A1313	3.67	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.67	0.00
A1317	4.43	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.43	0.00
A1420	7.09	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					7.09	0.00
A1421	1.75	60	25U	16.90	5.00	17.30	12.50	9.30	13.00	25.50	5.20	0.00	0.90	1.50	33.50	2	44.0	3	3	1					1.75	44.63
A2001	7.03	86	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					7.03	0.00
	144.11																				**0.00**	**0.00**	**0.00**	**0.00**	**144.11**	**3,906.72**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted
ND = No data taken

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
A1420					7.09	0.00
A1421					1.75	44.63
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**8.84**	**44.63**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**0.00**	**0.00**	**135.27**	**3,862.09**

Suitable and Potentially Suitable	
Acres	BA
0.00	**0.00**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
135.27	**3,862.09**

Appendix E. Table 13. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **A13-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
A1111	22.92	86	26	28.70	9.00	21.10	14.00	16.30	27.00	41.00	0.00	1.00	0.60	1.50	51.50	1	36.0	3	1	22.92	939.72				
A1301	38.27	101	26	26.40	6.00	3.90	2.50	17.80	32.50	35.00	1.10	0.00	0.00	0.00	41.50	1	24.0	3	1	38.27	1,339.45				
A1302	28.24	59	25	29.80	8.00	18.90	13.50	12.50	20.00	33.50	2.40	2.20	2.20	6.00	48.50	3	46.0	3	1	28.24	946.04				
A1304	7.70	59	31	0.00	0.00	22.20	16.30	18.00	30.00	46.30	0.00	0.00	0.70	1.30	47.60	1	21.0	3	1	7.70	356.51				
A1411	3.64	98	26	29.30	8.00	8.40	5.00	18.70	33.50	38.50	0.00	0.00	0.00	0.00	46.50	1	32.0	3	1	3.64	140.14				
Q0114	15.66	64	31	26.90	8.00	31.70	23.50	12.80	17.50	41.00	7.00	0.60	0.00	0.50	52.00	2	30.0	3	1	15.66	642.06				
Q0118	1.86	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.86	0.00
Q0119	2.39	64	13	0.00	0.00	14.30	10.00	11.40	15.00	25.00	10.60	21.80	3.50	20.00	50.00	8	50.0	3	1					2.39	59.75
Q0125	2.05	61	25	13.70	3.80	11.00	8.50	18.40	26.20	34.70	0.00	0.00	1.20	2.30	40.80	1	22.0	3	1	2.05	71.14				
	122.73																			**118.48**	**4,435.06**	**0.00**	**0.00**	**4.25**	**59.75**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
118.48	**4,435.06**	**0.00**	**0.00**	**4.25**	**59.75**

Suitable and Potentially Suitable	
Acres	BA
118.48	**4,435.06**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
122.73	**4,494.81**

Appendix E. Table 14. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **A13-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre						Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
A1111	22.92	86	26	28.70	9.00	21.10	14.00	16.30	27.00	41.00	0.00	1.00	0.60	1.50	51.50	1	36.0	4	3	1					22.92	939.72
A1301	38.27	101	26	26.40	6.00	3.90	2.50	17.80	32.50	35.00	1.10	0.00	0.00	0.00	41.50	1	24.0	0	3	1					38.27	1,339.45
A1302	28.24	59	25	29.80	8.00	18.90	13.50	12.50	20.00	33.50	2.40	2.20	2.20	6.00	48.50	3	46.0	12	3	1					28.24	946.04
A1304	7.70	59	31	0.00	0.00	22.20	16.30	18.00	30.00	46.30	0.00	0.00	0.70	1.30	47.60	1	21.0	2	3	1					7.70	356.51
A1411	3.64	98	26	29.30	8.00	8.40	5.00	18.70	33.50	38.50	0.00	0.00	0.00	0.00	46.50	1	32.0	0	3	1					3.64	140.14
Q0114	15.66	64	31	26.90	8.00	31.70	23.50	12.80	17.50	41.00	7.00	0.60	0.00	0.50	52.00	2	30.0	1	3	1					15.66	642.06
Q0118	1.86	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.86	0.00
Q0119	2.39	64	13	0.00	0.00	14.30	10.00	11.40	15.00	25.00	10.60	21.80	3.50	20.00	50.00	8	50.0	50	3	1					2.39	59.75
Q0125	2.05	61	25	13.70	3.80	11.00	8.50	18.40	26.20	34.70	0.00	0.00	1.20	2.30	40.80	1	22.0	4	3	1					2.05	71.14
	122.73																				**0.00**	**0.00**	**0.00**	**0.00**	**122.73**	**4,494.81**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

POST-PROJECT TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	0.00	0.00	122.73	4,494.81

Suitable and Potentially Suitable	
Acres	BA
0.00	0.00

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
122.73	4,494.81

Appendix E. Table 15. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **A14-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
A1411	3.84	98	26	29.30	8.00	8.40	5.00	18.70	33.50	38.50	0.00	0.00	0.00	0.00	46.50	1	32.0	3	1	3.84	147.84				
A1423	0.19	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.19	0.00
A1424	79.90	106	26	17.80	4.20	6.50	4.20	15.60	27.90	32.10	2.10	0.00	0.00	0.00	36.80	1	37.0	3	1	79.90	2,564.79				
A1505	8.07	100	13	0.00	0.00	0.00	0.00	16.90	44.40	44.40	16.30	9.30	5.50	16.70	65.50	7	11.0	0	0			8.07	358.31		
B1002	6.02	111	25	150.00	41.50	32.00	20.50	5.70	8.50	29.00	13.10	3.10	0.70	3.50	77.00	1	23.0	3	1					6.02	174.58
B1003	0.07	91	13	15.30	2.90	1.60	1.40	15.50	35.70	37.10	47.40	6.20	9.20	18.60	72.90	7	3.0	3	1			0.07	2.60		
Q0342	5.75	66	31	34.60	8.90	26.00	18.90	24.70	42.20	61.10	3.00	3.20	0.40	3.30	74.40	1	30.0	3	1	5.75	351.33				
Q0349	8.44	58	25	0.00	0.00	22.30	16.00	25.00	46.00	62.00	0.00	0.00	0.00	0.00	62.00	1	30.0	3	1	8.44	523.28				
Q0351	2.77	62	25	41.10	11.50	31.20	21.50	5.80	9.50	31.00	16.60	0.70	0.80	1.50	48.00	2	30.0	3	1	2.77	85.87				
Q0357	4.00	39	31	65.90	15.00	31.10	25.00	13.30	22.50	47.50	29.50	0.00	0.00	0.00	72.50	5	18.0	3	1	4.00	190.00				
Q0359	6.93	62	25	22.60	7.10	26.90	18.60	10.10	15.70	34.30	6.00	2.00	1.60	4.30	47.10	1	29.0	3	1	6.93	237.70				
Q0360	1.12	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.12	0.00
Q0362	0.61	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.61	0.00
Q0363	8.68	58	25	0.00	0.00	4.30	3.30	20.90	40.00	43.30	14.00	4.60	6.10	13.30	61.60	8	13.0	3	1			8.68	375.84		
Q0369	6.61	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.61	0.00
	143.00																			**111.63**	**4,100.81**	**16.75**	**734.15**	**8.53**	**0.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
S = Seed tree cut

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

Pine habitat not managed for red-cockaded woodpeckers and not counted towards foraging habitat totals.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
A1505			8.07	358.31		
TOTALS	**0.00**	**0.00**	**8.07**	**358.31**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
111.63	**4100.81**	**8.68**	**375.84**	**8.53**	**0.00**

Suitable and Potentially Suitable

Acres	BA
120.31	**4,476.65**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
128.84	**4,476.65**

Appendix E. Table 16. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **A14-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
A1411	3.84	98	26	29.30	8.00	8.40	5.00	18.70	33.50	38.50	0.00	0.00	0.00	0.00	46.50	1	32.0	0.0	3	1					3.84	147.84
A1423	0.19	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0.0	3	1					0.19	0.00
A1424	79.90	106	26	17.80	4.20	6.50	4.20	15.60	27.90	32.10	2.10	0.00	0.00	0.00	36.80	1	37.0	0.0	3	1					79.90	2,564.79
A1505	8.07	100	13	0.00	0.00	0.00	0.00	16.90	44.40	44.40	16.30	9.30	5.50	16.70	65.50	7	11.0	46.7	0	0					8.07	358.31
B1002	6.02	111	25	150.00	41.50	32.00	20.50	5.70	8.50	29.00	13.10	3.10	0.70	3.50	77.00	1	23.0	9.2	3	1					6.02	174.58
B1003	0.07	91	13	15.30	2.90	1.60	1.40	15.50	35.70	37.10	47.40	6.20	9.20	18.60	72.90	7	3.0	47.4	3	1					0.07	2.60
Q0342	5.75	66	31	34.60	8.90	26.00	18.90	24.70	42.20	61.10	3.00	3.20	0.40	3.30	74.40	1	30.0	6.6	3	1			5.75	351.33		
Q0349	8.44	58	25	0.00	0.00	22.30	16.00	25.00	46.00	62.00	0.00	0.00	0.00	0.00	62.00	1	30.0	0.0	3	1					8.44	523.28
Q0351	2.77	62	25	41.10	11.50	31.20	21.50	5.80	9.50	31.00	16.60	0.70	0.80	1.50	48.00	2	30.0	3.9	3	1					2.77	85.87
Q0357	4.00	39	31	65.90	15.00	31.10	25.00	13.30	22.50	47.50	29.50	0.00	0.00	0.00	72.50	5	18.0	0.0	3	1					4.00	190.00
Q0359	6.93	62	25	22.60	7.10	26.90	18.60	10.10	15.70	34.30	6.00	2.00	1.60	4.30	47.10	1	29.0	8.9	3	1					6.93	237.70
Q0360	1.12	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0.0	3	1					1.12	0.00
Q0362	0.61	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0.0	3	1					0.61	0.00
Q0363	8.68	58	25	0.00	0.00	4.30	3.30	20.90	40.00	43.30	14.00	4.60	6.10	13.30	61.60	8	13.0	29.8	3	1					8.68	375.84
Q0369	6.61	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0.0	3	1					6.61	0.00
	143.00																				**0.00**	**0.00**	**5.75**	**351.33**	**131.16**	**4,483.63**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing seasoı
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
S = Seed tree cut

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Pine habitat not managed for red-cockaded woodpeckers and not counted towards foraging habitat totals.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
A1505					8.07	358.31
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**8.07**	**358.31**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**5.75**	**351.33**	**123.09**	**4,125.32**

Suitable and Potentially Suitable

Acres	BA
5.75	**351.33**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
128.84	**4,476.65**

Appendix E. Table 17. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **BB01-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
A0803	1.14	63.00	26	30.90	8.00	30.20	22.00	17.90	24.00	46.00	5.40	1.30	0.20	1.50	57.00	1.00	14.00	3	2	1.14	52.44				
BB0104	4.30	56	26	104.50	32.50	61.30	40.00	18.80	22.50	62.50	0.00	0.00	0.00	0.00	95.00	7	10.0	3	2			4.30	268.75		
BB0109	5.11	51	25U	16.30	4.50	20.30	15.50	10.10	14.50	30.00	2.70	3.60	0.80	4.50	39.50	1	16.0	3	2	5.11	153.30				
BB0110	18.23	39	25U	29.50	8.00	29.30	21.00	9.10	11.50	32.50	0.00	0.70	0.10	1.00	41.50	1	22.0	3	2	18.23	592.48				
BB0116	16.85	56	26U	3.50	0.60	7.50	5.60	25.20	46.90	52.50	7.10	4.90	4.40	10.10	65.70	1	10.0	3	2			16.85	884.63		
BB0117	15.04	56	25U	17.90	5.90	14.00	10.60	14.80	20.60	31.20	4.40	0.70	0.70	2.40	41.30	1	16.0	3	2	15.04	469.25				
BB0118	7.38	39	26U	75.60	20.00	34.10	24.40	15.40	23.30	47.70	3.40	0.00	1.50	2.20	71.00	1	12.0	3	2			7.38	352.03		
BB0119	2.43	39	21	167.40	55.00	23.50	15.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00	70.00	1	25.0	3	2					2.43	36.45
BB0122	2.81	50	10U	2.90	1.00	6.30	5.00	18.30	37.50	42.50	45.60	17.90	6.10	22.50	79.50	7	16.0	3	2			2.81	119.43		
BB0123	12.17	56	26	25.30	7.50	22.50	16.50	10.50	14.00	30.50	9.90	2.60	1.90	5.00	46.00	1	29.0	3	2	12.17	371.19				
BB0124	24.17	56	26	5.10	2.00	11.80	9.00	18.00	25.50	34.50	1.30	1.90	1.20	3.50	40.50	1	13.0	3	2	24.17	833.87				
BB0125	11.72	56	26	39.50	10.50	28.80	20.00	15.10	22.50	42.50	1.10	0.00	0.00	0.00	53.50	1	35.0	3	2	11.72	498.10				
BB0128	0.11	54	26	22.90	6.70	19.50	13.30	6.50	10.00	23.30	0.00	4.20	0.00	3.30	33.30	1	20.0	3	2					0.11	2.56
BB0132	1.27	54	25	46.20	10.00	12.20	10.00	14.70	20.00	30.00	0.00	0.00	0.00	0.00	40.00	1	45.0	3	2	1.27	38.10				
BB1106	12.98	73	31	55.00	16.90	27.20	19.40	18.00	23.80	43.20	0.00	0.00	0.50	0.60	60.70	1	31.0	3	1	12.98	560.74				
BB1107	0.89	59	09	3.10	1.00	11.60	7.50	20.50	41.00	48.50	66.30	23.10	4.20	21.00	88.00	7	10.0	3	1			0.89	43.17		
BB1116	3.16	73	26	37.00	13.30	63.40	43.30	5.60	6.70	50.00	0.00	0.00	2.00	3.30	66.60	2	23.0	3	1	3.16	158.00				
BB1117	8.76	73	26	50.70	17.50	36.20	25.00	6.20	7.50	32.50	9.10	0.00	0.00	0.00	52.50	5	26.0	3	1	8.76	284.70				
BB1119	1.13	64	25	20.10	5.50	23.40	16.50	12.40	17.50	34.00	2.50	1.30	0.40	2.00	42.50	3	14.0	3	1	1.13	38.42				
BB1134	0.08	50	25	0.00	0.00	32.70	25.60	32.80	45.60	71.20	0.00	0.00	0.00	0.00	71.20	2	26.0	3	1	0.08	5.70				
	148.59																			**114.96**	**4,056.29**	**32.23**	**1,668.01**	**2.54**	**39.01**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
9 = White Pine - Cove Hardwood
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	BB1134	0.08	5.70				
	TOTALS	**0.08**	**5.70**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	114.88	**4,050.59**	**32.23**	**1,668.01**	**2.54**	**39.01**
	Suitable and Potentially Suitable					
	Acres		BA			
	147.11		**5,718.60**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	149.65		**5,757.61**			

Appendix E. Table 18. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **BB01-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
A0803	1.14	63.00	26	30.90	8.00	30.20	22.00	17.90	24.00	46.00	5.40	1.30	0.20	1.50	57.00	1.00	14.00	3	3	2					1.14	52.44
BB0104	4.30	56	26	104.50	32.50	61.30	40.00	18.80	22.50	62.50	0.00	0.00	0.00	0.00	95.00	7	10.0	0	3	2					4.30	268.75
BB0109	5.11	51	25U	16.30	4.50	20.30	15.50	10.10	14.50	30.00	2.70	3.60	0.80	4.50	39.50	1	16.0	13	3	2					5.11	153.30
BB0110	18.23	39	25U	29.50	8.00	29.30	21.00	9.10	11.50	32.50	0.00	0.70	0.10	1.00	41.50	1	22.0	2	3	2					18.23	592.48
BB0116	16.85	56	26U	3.50	0.60	7.50	5.60	25.20	46.90	52.50	7.10	4.90	4.40	10.10	65.70	1	10.0	22	3	2					16.85	884.63
BB0117	15.04	56	25U	17.90	5.90	14.00	10.60	14.80	20.60	31.20	4.40	0.70	0.70	2.40	41.30	1	16.0	5	3	2					15.04	469.25
BB0118	7.38	39	26U	75.60	20.00	34.10	24.40	15.40	23.30	47.70	3.40	0.00	1.50	2.20	71.00	1	12.0	3	3	2					7.38	352.03
BB0119	2.43	39	21	167.40	55.00	23.50	15.00	0.00	0.00	15.00	0.00	0.00	0.00	0.00	70.00	1	25.0	0	3	2					2.43	36.45
BB0122	2.81	50	10U	2.90	1.00	6.30	5.00	18.30	37.50	42.50	45.60	17.90	6.10	22.50	79.50	7	16.0	49	3	2					2.81	119.43
BB0123	12.17	56	26	25.30	7.50	22.50	16.50	10.50	14.00	30.50	9.90	2.60	1.90	5.00	46.00	1	29.0	12	3	2					12.17	371.19
BB0124	24.17	56	26	5.10	2.00	11.80	9.00	18.00	25.50	34.50	1.30	1.90	1.20	3.50	40.50	1	13.0	9	3	2					24.17	833.87
BB0125	11.72	56	26	39.50	10.50	28.80	20.00	15.10	22.50	42.50	1.10	0.00	0.00	0.00	53.50	1	35.0	0	3	2					11.72	498.10
BB0128	0.11	54	26	22.90	6.70	19.50	13.30	6.50	10.00	23.30	0.00	4.20	0.00	3.30	33.30	1	20.0	14	3	2					0.11	2.56
BB0132	1.27	54	25	46.20	10.00	12.20	10.00	14.70	20.00	30.00	0.00	0.00	0.00	0.00	40.00	1	45.0	0	3	2					1.27	38.10
BB1106	12.98	73	31	55.00	16.90	27.20	19.40	18.00	23.80	43.20	0.00	0.00	0.50	0.60	60.70	1	31.0	1	3	1			12.98	560.74		
BB1107	0.89	59	09	3.10	1.00	11.60	7.50	20.50	41.00	48.50	66.30	23.10	4.20	21.00	88.00	7	10.0	46	3	1					0.89	43.17
BB1116	3.16	73	26	37.00	13.30	63.40	43.30	5.60	6.70	50.00	0.00	0.00	2.00	3.30	66.60	2	23.0	3	3	1					3.16	158.00
BB1117	8.76	73	26	50.70	17.50	36.20	25.00	6.20	7.50	32.50	9.10	0.00	0.00	0.00	52.50	5	26.0	0	3	1					8.76	284.70
BB1119	1.13	64	25	20.10	5.50	23.40	16.50	12.40	17.50	34.00	2.50	1.30	0.40	2.00	42.50	3	14.0	5	3	1					1.13	38.42
BB1134	0.08	50	25	0.00	0.00	32.70	25.60	32.80	45.60	71.20	0.00	0.00	0.00	0.00	71.20	2	26.0	0	3	1					0.08	5.70
	148.59																				**0.00**	**0.00**	**12.98**	**560.74**	**136.75**	**5,202.57**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
9 = White Pine - Cove Hardwood
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
BB1134					0.08	5.70
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.08**	**5.70**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**12.98**	**560.74**	**136.67**	**5,196.87**

Suitable and Potentially Suitable

Acres	BA
12.98	**560.74**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
149.65	**5,757.61**

Appendix E. Table 19. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **BB01-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
A0604	9.29	62	10	14.80	4.00	13.10	9.50	10.00	14.50	24.00	27.70	13.40	5.50	20.50	58.00	5	20.0	3	1					9.29	222.96
A0606	4.30	52	26	122.50	27.50	23.00	17.00	10.20	14.00	31.00	0.00	0.00	0.40	0.50	59.00	1	30.0	3	1			4.30	133.30		
A0702	25.84	63	26	30.90	8.00	30.20	22.00	17.90	24.00	46.00	5.40	1.30	0.20	1.50	57.00	1	14.0	3	2	25.84	1,188.64				
A0704	1.16	60	26	24.50	6.00	29.50	21.50	12.50	20.00	41.50	8.70	0.00	1.80	4.00	54.00	5	24.0	3	1	1.16	48.14				
A0705	15.84	63	26	30.90	8.00	30.20	22.00	17.90	24.00	46.00	5.40	1.30	0.20	1.50	57.00	1	14.0	3	2	15.84	728.64				
A0801	22.08	63	26	30.90	8.00	30.20	22.00	17.90	24.00	46.00	5.40	1.30	0.20	1.50	57.00	1	14.0	3	2	22.08	1,015.68				
A0802	14.24	63	26	30.90	8.00	30.20	22.00	17.90	24.00	46.00	5.40	1.30	0.20	1.50	57.00	1	14.0	3	2	14.24	655.04				
A0803	1.78	63	26	30.90	8.00	30.20	22.00	17.90	24.00	46.00	5.40	1.30	0.20	1.50	57.00	1	14.0	3	2	1.78	81.88				
BB0116	0.20	56	26U	3.50	0.60	7.50	5.60	25.20	46.90	52.50	7.10	4.90	4.40	10.10	65.70	1	10.0	3	2			0.20	10.50		
BB0122	5.29	50	10U	2.90	1.00	6.30	5.00	18.30	37.50	42.50	45.60	17.90	6.10	22.50	79.50	7	16.0	3	2			5.29	224.83		
BB0123	4.50	56	26	25.30	7.50	22.50	16.50	10.50	14.00	30.50	9.90	2.60	1.90	5.00	46.00	1	29.0	3	2	4.50	137.25				
BB0124	9.07	56	26	5.10	2.00	11.80	9.00	18.00	25.50	34.50	1.30	1.90	1.20	3.50	40.50	1	13.0	3	2	9.07	312.92				
BB0127	38.33	50	25U	19.40	6.50	13.40	9.00	20.50	28.50	37.50	0.00	0.70	0.10	1.00	45.00	1	14.0	3	2	38.33	1,437.38				
BB0128	3.64	54	26	22.90	6.70	19.50	13.30	6.50	10.00	23.30	0.00	4.20	0.00	3.30	33.30	1	20.0	3	2					3.64	84.81
BB0130	8.11	54	25U	21.30	6.70	21.40	15.60	11.60	16.70	32.30	0.00	0.00	0.00	0.00	39.00	1	17.0	3	2	8.11	261.95				
BB0132	0.62	54	25	46.20	10.00	12.20	10.00	14.70	20.00	30.00	0.00	0.00	0.00	0.00	40.00	1	45.0	3	2	0.62	18.60				
BB0135	14.46	56	26U	1.40	0.60	4.30	3.10	14.10	22.50	25.60	0.00	0.00	2.30	4.40	30.60	1	14.0	3	2					14.46	370.18
BB0136	2.03	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					2.03	0.00
BB0137	3.11	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					3.11	0.00
	183.89																			**141.57**	**5,886.12**	**9.79**	**368.63**	**32.53**	**677.95**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	141.57	**5,886.12**	**9.79**	**368.63**	**32.53**	**677.95**

Suitable and Potentially Suitable	
Acres	BA
151.36	**6,254.75**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
183.89	**6,932.70**

Appendix E. Table 20. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **BB01-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
A0604	9.29	62	10	14.80	4.00	13.10	9.50	10.00	14.50	24.00	27.70	13.40	5.50	20.50	58.00	5	20.0	45	3	1					9.29	222.96
A0606	4.30	52	26	122.50	27.50	23.00	17.00	10.20	14.00	31.00	0.00	0.00	0.40	0.50	59.00	1	30.0	1	3	1					4.30	133.30
A0702	25.84	63	26	30.90	8.00	30.20	22.00	17.90	24.00	46.00	5.40	1.30	0.20	1.50	57.00	1	14.0	3	3	2					25.84	1,188.64
A0704	1.16	60	26	24.50	6.00	29.50	21.50	12.50	20.00	41.50	8.70	0.00	1.80	4.00	54.00	5	24.0	4	3	1					1.16	48.14
A0705	15.84	63	26	30.90	8.00	30.20	22.00	17.90	24.00	46.00	5.40	1.30	0.20	1.50	57.00	1	14.0	3	3	2					15.84	728.64
A0801	22.08	63	26	30.90	8.00	30.20	22.00	17.90	24.00	46.00	5.40	1.30	0.20	1.50	57.00	1	14.0	3	3	2					22.08	1,015.68
A0802	14.24	63	26	30.90	8.00	30.20	22.00	17.90	24.00	46.00	5.40	1.30	0.20	1.50	57.00	1	14.0	3	3	2					14.24	655.04
A0803	1.78	63	26	30.90	8.00	30.20	22.00	17.90	24.00	46.00	5.40	1.30	0.20	1.50	57.00	1	14.0	3	3	2					1.78	81.88
BB0116	0.20	56	26U	3.50	0.60	7.50	5.60	25.20	46.90	52.50	7.10	4.90	4.40	10.10	65.70	1	10.0	22	3	2					0.20	10.50
BB0122	5.29	50	10U	2.90	1.00	6.30	5.00	18.30	37.50	42.50	45.60	17.90	6.10	22.50	79.50	7	16.0	49	3	2					5.29	224.83
BB0123	4.50	56	26	25.30	7.50	22.50	16.50	10.50	14.00	30.50	9.90	2.60	1.90	5.00	46.00	1	29.0	12	3	2					4.50	137.25
BB0124	9.07	56	26	5.10	2.00	11.80	9.00	18.00	25.50	34.50	1.30	1.90	1.20	3.50	40.50	1	13.0	9	3	2					9.07	312.92
BB0127	38.33	50	25U	19.40	6.50	13.40	9.00	20.50	28.50	37.50	0.00	0.70	0.10	1.00	45.00	1	14.0	2	3	2					38.33	1,437.38
BB0128	3.64	54	26	22.90	6.70	19.50	13.30	6.50	10.00	23.30	0.00	4.20	0.00	3.30	33.30	1	20.0	14	3	2					3.64	84.81
BB0130	8.11	54	25U	21.30	6.70	21.40	15.60	11.60	16.70	32.30	0.00	0.00	0.00	0.00	39.00	1	17.0	0	3	2					8.11	261.95
BB0132	0.62	54	25	46.20	10.00	12.20	10.00	14.70	20.00	30.00	0.00	0.00	0.00	0.00	40.00	1	45.0	0	3	2					0.62	18.60
BB0135	14.46	56	26U	1.40	0.60	4.30	3.10	14.10	22.50	25.60	0.00	0.00	2.30	4.40	30.60	1	14.0	11	3	2					14.46	370.18
BB0136	2.03	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					2.03	0.00
BB0137	3.11	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					3.11	0.00
	183.89																				**0.00**	**0.00**	**0.00**	**0.00**	**183.89**	**6,932.70**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	0.00	0.00	183.89	6932.70
	Suitable and Potentially Suitable					
	Acres		BA			
	0.00		0.00			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	183.89		6,932.70			

Appendix E. Table 21. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **BB08-A,** Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
BB0805	0.30	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.30	0.00
BB0808	8.40	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					8.40	0.00
BB0810	14.30	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					14.30	0.00
BB0811	14.90	26	31P	65.60	25.00	40.00	25.00	3.50	4.00	29.00	2.20	0.00	0.00	0.00	55.00	9	26.0	3	1					14.90	432.10
BB0814	2.50	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.50	0.00
BB0817	21.30	95	26	25.30	6.50	11.00	8.50	13.80	21.50	30.00	0.00	0.00	0.00	0.00	36.50	4	11.0	3	2	21.30	639.00				
BB0818	9.00	85	10	28.00	7.80	11.70	7.80	20.10	33.30	41.10	24.60	9.70	4.70	13.40	69.00	9	13.0	3	1			9.00	369.90		
BB0820	10.20	0	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					10.20	0.00
BB0821	9.20	95	26U	2.30	1.10	3.90	3.30	17.50	28.90	32.20	7.60	0.00	1.80	3.30	39.90	4	30.0	3	2	9.20	296.24				
BB0822	5.10	95	26U	30.50	7.00	19.50	14.50	14.90	20.50	35.00	0.00	0.00	0.00	0.00	42.00	1	10.0	3	2	5.10	178.50				
BB0823	5.30	70	26	28.40	10.00	5.40	5.00	10.00	15.00	20.00	5.20	0.00	1.20	3.30	35.00	5	15.0	3	1					5.30	106.00
BB0827	3.40	70	31	0.00	0.00	12.70	10.00	27.40	33.30	43.30	0.00	0.00	0.00	0.00	43.30	6	10.0	3	2			3.40	147.22		
BB0927	4.10	70	13	14.30	5.00	16.00	10.00	7.40	10.00	20.00	17.80	2.80	0.00	2.50	35.00	5	12.0	3	2					4.10	82.00
BB0930	1.80	68	31	0.00	0.00	0.00	0.00	33.40	60.00	60.00	0.00	0.00	0.00	0.00	60.00	6	0.0	3	2			1.80	108.00		
BB0931	10.10	95	26	30.80	7.90	21.50	15.00	6.30	9.30	24.30	18.90	1.90	0.50	2.10	38.60	1	22.0	3	2					10.10	245.43
BB0933	6.20	72	26	113.60	28.30	22.50	16.70	13.10	18.30	35.00	0.00	11.00	2.50	11.60	74.90	5	20.0	3	2			6.20	217.00		
BB0936	4.30	9	21P	14.40	5.00	16.20	10.50	0.90	1.00	11.50	0.00	0.00	0.00	0.00	16.50	1	40.0	3	2					4.30	49.45
BB0937	3.10	68	31	47.70	15.00	38.80	30.00	10.80	15.00	45.00	0.00	0.00	0.00	0.00	60.00	5	18.0	3	2	3.10	139.50				
BB1011	1.60	67	26	42.80	14.70	14.60	10.00	7.60	10.70	20.70	0.00	0.00	0.00	0.00	35.40	2	22.0	3	1					1.60	33.12
BB1024	3.50	74	26	10.70	4.00	30.10	22.00	25.40	39.00	61.00	11.70	3.70	2.00	5.00	73.50	6	24.0	3	1			3.50	213.50		
BB1025	2.20	55	25	46.70	17.30	43.40	27.30	5.40	8.00	35.30	10.50	0.00	0.50	0.70	56.60	5	26.0	3	1	2.20	77.66				
BB1046	2.70	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.70	0.00
BB1101	1.60	67	26U	20.70	4.30	14.50	11.40	11.00	17.10	28.50	25.50	6.60	1.40	5.70	45.60	1	31.0	3	1					1.60	45.60
BB1105	4.30	64	31	119.70	27.50	33.10	25.00	11.30	20.00	45.00	5.20	13.50	6.40	15.00	90.00	1	8.0	3	1					4.30	193.50
BB1110	0.20	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.20	0.00
BB1111	3.60	67	26	42.80	14.70	14.60	10.00	7.60	10.70	20.70	0.00	0.00	0.00	0.00	35.40	2	22.0	3	1					3.60	74.52
BB1119	4.60	64	25	20.10	5.50	23.40	16.50	12.40	17.50	34.00	2.50	1.30	0.40	2.00	42.50	3	14.0	3	1					4.60	156.40
P0108	25.40	4	21P	1.90	0.70	0.90	0.70	12.90	20.70	21.40	0.00	0.00	0.00	0.00	22.10	1	4.0	3	2					25.40	543.56
P0109	2.20	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					2.20	0.00
P0110	0.00	0	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					0.00	0.00
P0112	4.30	26	31P	208.70	56.00	7.40	4.00	0.00	0.00	4.00	0.00	0.00	0.00	0.00	60.00	5	14.0	3	2					4.30	17.20
P0113	6.40	26	31P	208.70	56.00	7.40	4.00	0.00	0.00	4.00	0.00	0.00	0.00	0.00	60.00	5	14.0	3	2					6.40	25.60
	196.10																			**40.90**	**1,330.90**	**23.90**	**1,055.62**	**131.30**	**2,004.48**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
	Acres	BA	Acres	BA	Acres	BA
BB0805					0.30	0.00
BB0808					8.40	0.00
BB0814					2.50	0.00
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**11.20**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
Acres	BA	Acres	BA	Acres	BA
40.90	**1,330.90**	**23.90**	**1,055.62**	**120.10**	**2,004.48**

Suitable and Potentially Suitable

Acres	BA
64.80	**2,386.52**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
184.90	**4,391.00**

Appendix E. Table 22. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **BB08-A,** Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
BB0805	0.30	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.30	0.00
BB0808	8.40	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					8.40	0.00
BB0810	14.30	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					14.30	0.00
BB0811	14.90	26	31P	65.60	25.00	40.00	25.00	3.50	4.00	29.00	2.20	0.00	0.00	0.00	55.00	9	26.0	0	3	1					14.90	432.10
BB0814	2.50	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.50	0.00
BB0817	21.30	95	26	25.30	6.50	11.00	8.50	13.80	21.50	30.00	0.00	0.00	0.00	0.00	36.50	4	11.0	0	3	2					21.30	639.00
BB0818	9.00	85	10	28.00	7.80	11.70	7.80	20.10	33.30	41.10	24.60	9.70	4.70	13.40	69.00	9	13.0	31	3	1			9.00	369.90		
BB0820	10.20	0	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					10.20	0.00
BB0821	9.20	95	26U	2.30	1.10	3.90	3.30	17.50	28.90	32.20	7.60	0.00	1.80	3.30	39.90	4	30.0	8	3	2					9.20	296.24
BB0822	5.10	95	26U	30.50	7.00	19.50	14.50	14.90	20.50	35.00	0.00	0.00	0.00	0.00	42.00	1	10.0	0	3	2					5.10	178.50
BB0823	5.30	70	26	28.40	10.00	5.40	5.00	10.00	15.00	20.00	5.20	0.00	1.20	3.30	35.00	5	15.0	7	3	1					5.30	106.00
BB0827	3.40	70	31	0.00	0.00	12.70	10.00	27.40	33.30	43.30	0.00	0.00	0.00	0.00	43.30	6	10.0	0	3	2			3.40	147.22		
BB0927	4.10	70	13	14.30	5.00	16.00	10.00	7.40	10.00	20.00	17.80	2.80	0.00	2.50	35.00	5	12.0	11	3	2					4.10	82.00
BB0930	1.80	68	31	0.00	0.00	0.00	0.00	33.40	60.00	60.00	0.00	0.00	0.00	0.00	60.00	6	0.0	0	3	2			1.80	108.00		
BB0931	10.10	95	26	30.80	7.90	21.50	15.00	6.30	9.30	24.30	18.90	1.90	0.50	2.10	38.60	1	22.0	8	3	2					10.10	245.43
BB0933	6.20	72	26	113.60	28.30	22.50	16.70	13.10	18.30	35.00	0.00	11.00	2.50	11.60	74.90	5	20.0	27	3	2					6.20	217.00
BB0936	4.30	9	21P	14.40	5.00	16.20	10.50	0.90	1.00	11.50	0.00	0.00	0.00	0.00	16.50	1	40.0	0	3	2					4.30	49.45
BB0937	3.10	68	31	47.70	15.00	38.80	30.00	10.80	15.00	45.00	0.00	0.00	0.00	0.00	60.00	5	18.0	0	3	2					3.10	139.50
BB1011	1.60	67	26	42.80	14.70	14.60	10.00	7.60	10.70	20.70	0.00	0.00	0.00	0.00	35.40	2	22.0	0	3	1					1.60	33.12
BB1024	3.50	74	26	10.70	4.00	30.10	22.00	25.40	39.00	61.00	11.70	3.70	2.00	5.00	73.50	6	24.0	9	3	1			3.50	213.50		
BB1025	2.20	55	25	46.70	17.30	43.40	27.30	5.40	8.00	35.30	10.50	0.00	0.50	0.70	56.60	5	26.0	1	3	1					2.20	77.66
BB1046	2.70	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.70	0.00
BB1101	1.60	67	26U	20.70	4.30	14.50	11.40	11.00	17.10	28.50	25.50	6.60	1.40	5.70	45.60	1	31.0	24	3	1					1.60	45.60
BB1105	4.30	64	31	119.70	27.50	33.10	25.00	11.30	20.00	45.00	5.20	13.50	6.40	15.00	90.00	1	8.0	31	3	1					4.30	193.50
BB1110	0.20	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.20	0.00
BB1111	3.60	67	26	42.80	14.70	14.60	10.00	7.60	10.70	20.70	0.00	0.00	0.00	0.00	35.40	2	22.0	0	3	1					3.60	74.52
BB1119	4.60	64	25	20.10	5.50	23.40	16.50	12.40	17.50	34.00	2.50	1.30	0.40	2.00	42.50	3	14.0	5	3	1					4.60	156.40
P0108	25.40	4	21P	1.90	0.70	0.90	0.70	12.90	20.70	21.40	0.00	0.00	0.00	0.00	22.10	1	4.0	0	3	2					25.40	543.56
P0109	2.20	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					2.20	0.00
P0110	0.00	0	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					0.00	0.00
P0112	4.30	26	31P	208.70	56.00	7.40	4.00	0.00	0.00	4.00	0.00	0.00	0.00	0.00	60.00	5	14.0	0	3	2					4.30	17.20
P0113	6.40	26	31P	208.70	56.00	7.40	4.00	0.00	0.00	4.00	0.00	0.00	0.00	0.00	60.00	5	14.0	0	3	2					6.40	25.60
	196.10																				**0.00**	**0.00**	**17.70**	**838.62**	**178.40**	**3,552.38**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
BB0805					0.30	0.00
BB0808					8.40	0.00
BB0814					2.50	0.00
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**11.20**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**17.70**	**838.62**	**167.20**	**3,552.38**

Suitable and Potentially Suitable	
Acres	BA
17.70	**838.62**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
184.90	**4,391.00**

Appendix E. Table 23. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **C01-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
C0101	0.10	89	26U	3.00	0.50	8.20	5.80	18.30	34.20	40.00	0.00	0.00	0.00	0.00	40.50	1	41.0	0	0	0.10	4.00				
C0102	33.23	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0					33.23	0.00
C0110	18.79	30	31	87.20	24.40	18.50	11.10	10.40	17.80	28.90	5.30	0.00	0.00	0.00	54.40	4	22.0	3	1					18.79	543.03
C0111	3.63	89	26	3.00	0.50	8.20	5.80	18.30	34.20	40.00	0.00	0.00	0.00	0.00	40.50	1	41.0	3	1	3.63	145.20				
C0113	6.34	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.34	0.00
C0114	0.08	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.08	0.00
C0116	9.01	86	26	15.80	5.50	6.40	5.00	16.60	30.50	35.50	0.00	0.00	0.00	0.00	41.00	1	44.0	3	1	9.01	319.86				
C0117	8.58	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					8.58	0.00
C0205	3.33	78	26U	4.20	1.50	9.00	6.00	17.50	31.00	37.00	0.00	0.00	0.00	0.00	38.50	1	25.0	3	1	3.33	123.21				
C0224	2.33	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.33	0.00
HCC65	2.81	58	25	9.80	3.80	18.80	15.00	14.20	22.50	37.50	20.10	5.70	3.10	7.60	53.90	1	14.0	3	1	2.81	105.38				
HCC76	7.22	79	26U	21.30	5.50	7.50	5.50	13.90	21.50	27.00	0.00	0.60	1.00	2.00	34.50	1	2.0	3	1					7.22	194.94
HCC78	16.28	100	25U	1.20	0.50	9.00	6.50	10.40	14.50	21.00	0.00	0.00	0.40	0.50	22.00	1	4.0	3	1					16.28	341.88
S0406	10.59	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					10.59	0.00
	122.32																			**18.88**	**697.65**	**0.00**	**0.00**	**103.44**	**1,079.85**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
HCC65	2.81	105.38				
HCC76					7.22	194.94
HCC78					16.28	341.88
TOTALS	**2.81**	**105.38**	**0.00**	**0.00**	**23.50**	**536.82**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
16.07	**592.27**	**0.00**	**0.00**	**79.94**	**543.03**

Suitable and Potentially Suitable

Acres	BA
16.07	**592.27**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
96.01	**1,135.30**

Appendix E. Table 24. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **C01-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
C0101	0.10	89	26U	3.00	0.50	8.20	5.80	18.30	34.20	40.00	0.00	0.00	0.00	0.00	40.50	1	41.0	0.0	0	0	0.10	4.00				
C0102	33.23	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0.0	0	0					33.23	0.00
C0110	18.79	30	31	87.20	24.40	18.50	11.10	10.40	17.80	28.90	5.30	0.00	0.00	0.00	54.40	4	22.0	0.0	3	1					18.79	543.03
C0111	3.63	89	26	3.00	0.50	8.20	5.80	18.30	34.20	40.00	0.00	0.00	0.00	0.00	40.50	1	41.0	0.0	3	1	3.63	145.20				
C0113	6.34	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0.0	3	1					6.34	0.00
C0114	0.08	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0.0	3	1					0.08	0.00
C0116	9.01	86	26	15.80	5.50	6.40	5.00	16.60	30.50	35.50	0.00	0.00	0.00	0.00	41.00	1	44.0	0.0	3	1					9.01	319.86
C0117	8.58	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0.0	3	1					8.58	0.00
C0205	3.33	78	26U	4.20	1.50	9.00	6.00	17.50	31.00	37.00	0.00	0.00	0.00	0.00	38.50	1	25.0	0.0	3	1					3.33	123.21
C0224	2.33	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0.0	3	1					2.33	0.00
HCC65	2.81	58	25	9.80	3.80	18.80	15.00	14.20	22.50	37.50	20.10	5.70	3.10	7.60	53.90	1	14.0	21.1	3	1					2.81	105.38
HCC76	7.22	79	26U	21.30	5.50	7.50	5.50	13.90	21.50	27.00	0.00	0.60	1.00	2.00	34.50	1	2.0	7.0	3	1					7.22	194.94
HCC78	16.28	100	25U	1.20	0.50	9.00	6.50	10.40	14.50	21.00	0.00	0.00	0.40	0.50	22.00	1	4.0	2.0	3	1					16.28	341.88
S0406	10.59	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0.0	3	1					10.59	0.00
	122.32																				**3.73**	**149.20**	**0.00**	**0.00**	**118.59**	**1,628.30**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
HCC65					2.81	105.38
HCC76					7.22	194.94
HCC78					16.28	341.88
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**26.31**	**642.20**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
3.73	**149.20**	**0.00**	**0.00**	**92.28**	**986.10**

Suitable and Potentially Suitable

Acres	BA
3.73	**149.20**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
96.01	**1,135.30**

Appendix E. Table 25. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **C02-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
C0108	0.11	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.11	0.00
C0205	1.67	78	26U	4.20	1.50	9.00	6.00	17.50	31.00	37.00	0.00	0.00	0.00	0.00	38.50	1	25.0	3	1	1.67	61.79				
C0207	48.09	84	26	28.80	8.50	18.50	13.00	18.20	28.50	41.50	3.20	4.30	2.10	6.50	57.50	2	25.0	3	1	48.09	1995.74				
C0208	0.09	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0					0.09	0.00
C0221	0.02	84	26	1.60	0.50	4.80	3.70	16.20	27.40	31.10	1.40	0.00	0.50	0.50	32.60	2	30.0	3	1	0.02	0.62				
C0222	4.54	84	26	2.40	1.00	7.10	6.00	28.10	44.00	50.00	0.00	2.20	2.00	5.50	56.50	1	28.0	3	1	4.54	227.00				
R0462	5.48	4	21P	2.70	0.60	3.90	3.10	8.20	13.80	16.90	0.00	0.00	0.00	0.00	17.50	1	24.0	3	1					5.48	92.61
	60.00																			**54.32**	**2,285.15**	**0.00**	**0.00**	**5.68**	**92.61**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
C0205	1.67	61.79				
R0462					5.48	92.61
TOTALS	**1.67**	**61.79**	**0.00**	**0.00**	**5.48**	**92.61**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
52.65	**2,223.36**	**0.00**	**0.00**	**0.20**	**0.00**

Suitable and Potentially Suitable	
Acres	BA
52.65	**2,223.36**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
52.85	**2,223.36**

Appendix E. Table 26. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **C02-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
C0108	0.11	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.11	0.00
C0205	1.67	78	26U	4.20	1.50	9.00	6.00	17.50	31.00	37.00	0.00	0.00	0.00	0.00	38.50	1	25.0	0	3	1					1.67	61.79
C0207	48.09	84	26	28.80	8.50	18.50	13.00	18.20	28.50	41.50	3.20	4.30	2.10	6.50	57.50	2	25.0	15	3	1			48.09	1,995.74		
C0208	0.09	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0	0					0.09	0.00
C0221	0.02	84	26	1.60	0.50	4.80	3.70	16.20	27.40	31.10	1.40	0.00	0.50	0.50	32.60	2	30.0	2	3	1					0.02	0.62
C0222	4.54	84	26	2.40	1.00	7.10	6.00	28.10	44.00	50.00	0.00	2.20	2.00	5.50	56.50	1	28.0	11	3	1			4.54	227.00		
R0462	5.48	4	21P	2.70	0.60	3.90	3.10	8.20	13.80	16.90	0.00	0.00	0.00	0.00	17.50	1	24.0	0	3	1					5.48	92.61
	60.00																				**0.00**	**0.00**	**52.63**	**2,222.74**	**7.37**	**155.02**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
C0205					1.67	61.79
R0462					5.48	92.61
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**7.15**	**154.40**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**52.63**	**2,222.74**	**0.22**	**0.62**

Suitable and Potentially Suitable	
Acres	BA
52.63	**2,222.74**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
52.85	**2,223.36**

Appendix E. Table 27. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **C02-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
C0101	0.74	89	26U	3.00	0.50	8.20	5.80	18.30	34.20	40.00	0.00	0.00	0.00	0.00	40.50	1	41.0	0	0	0.74	29.60				
C0108	8.10	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					8.10	0.00
C0112	1.15	89	10	11.60	4.10	11.30	8.20	7.50	13.50	21.70	23.10	16.90	2.50	17.70	51.10	5	18.0	3	1					1.15	24.96
C0205	42.91	78	26U	4.20	1.50	9.00	6.00	17.50	31.00	37.00	0.00	0.00	0.00	0.00	38.50	1	25.0	3	1	42.91	1,587.67				
C0207	2.54	84	26	28.80	8.50	18.50	13.00	18.20	28.50	41.50	3.20	4.30	2.10	6.50	57.50	2	25.0	3	1	2.54	105.41				
C0208	10.46	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0					10.46	0.00
C0221	15.24	84	26	1.60	0.50	4.80	3.70	16.20	27.40	31.10	1.40	0.00	0.50	0.50	32.60	2	30.0	3	1	15.24	473.96				
C0222	0.65	84	26	2.40	1.00	7.10	6.00	28.10	44.00	50.00	0.00	2.20	2.00	5.50	56.50	1	28.0	3	1	0.65	32.50				
C0224	8.88	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					8.88	0.00
R0460	0.70	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.70	0.00
R0461	0.21	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.21	0.00
R0462	6.10	4	21P	2.70	0.60	3.90	3.10	8.20	13.80	16.90	0.00	0.00	0.00	0.00	17.50	1	24.0	3	1					6.10	103.09
S0301	13.06	75	31U	3.30	0.50	18.30	14.00	14.70	21.00	35.00	0.00	0.00	0.30	0.50	36.00	1	30.0	3	1	13.06	457.10				
S0302	0.76	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.76	0.00
S0309	0.43	64	26	11.00	3.00	12.10	9.00	17.00	30.00	39.00	3.10	0.80	2.20	4.50	47.50	4	18.0	3	1	0.43	16.77				
S0310	12.96	75	31	3.30	0.50	18.30	14.00	14.70	21.00	35.00	0.00	0.00	0.30	0.50	36.00	1	30.0	3	1	12.96	453.60				
S0311	0.16	5	26U	21.10	6.00	30.70	19.00	8.20	14.50	33.50	0.00	0.00	0.00	0.00	39.50	1	26.0	3	1					0.16	5.36
	125.05																			**88.53**	**3,156.61**	**0.00**	**0.00**	**36.52**	**133.41**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
C0101	0.74	29.60				
C0112					1.15	24.96
TOTALS	**0.74**	**29.60**	**0.00**	**0.00**	**1.15**	**24.96**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
87.79	**3,127.01**	**0.00**	**0.00**	**35.37**	**108.45**

Suitable and Potentially Suitable

Acres	BA
87.79	**3,127.01**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
123.16	**3,235.46**

Appendix E. Table 28. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **C02-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
C0101	0.74	89	26U	3.00	0.50	8.20	5.80	18.30	34.20	40.00	0.00	0.00	0.00	0.00	40.50	1	41.0	0	0	0	0.74	29.60				
C0108	8.10	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					8.10	0.00
C0112	1.15	89	10	11.60	4.10	11.30	8.20	7.50	13.50	21.70	23.10	16.90	2.50	17.70	51.10	5	18.0	51	3	1					1.15	24.96
C0205	42.91	78	26U	4.20	1.50	9.00	6.00	17.50	31.00	37.00	0.00	0.00	0.00	0.00	38.50	1	25.0	0	3	1					42.91	1,587.67
C0207	2.54	84	26	28.80	8.50	18.50	13.00	18.20	28.50	41.50	3.20	4.30	2.10	6.50	57.50	2	25.0	15	3	1			2.54	105.41		
C0208	10.46	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0	0					10.46	0.00
C0221	15.24	84	26	1.60	0.50	4.80	3.70	16.20	27.40	31.10	1.40	0.00	0.50	0.50	32.60	2	30.0	2	3	1					15.24	473.96
C0222	0.65	84	26	2.40	1.00	7.10	6.00	28.10	44.00	50.00	0.00	2.20	2.00	5.50	56.50	1	28.0	11	3	1			0.65	32.50		
C0224	8.88	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					8.88	0.00
R0460	0.70	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.70	0.00
R0461	0.21	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.21	0.00
R0462	6.10	4	21P	2.70	0.60	3.90	3.10	8.20	13.80	16.90	0.00	0.00	0.00	0.00	17.50	1	24.0	0	3	1					6.10	103.09
S0301	13.06	75	31U	3.30	0.50	18.30	14.00	14.70	21.00	35.00	0.00	0.00	0.30	0.50	36.00	1	30.0	1	3	1					13.06	457.10
S0302	0.76	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.76	0.00
S0309	0.43	64	26	11.00	3.00	12.10	9.00	17.00	30.00	39.00	3.10	0.80	2.20	4.50	47.50	4	18.0	9	3	1					0.43	16.77
S0310	12.96	75	31	3.30	0.50	18.30	14.00	14.70	21.00	35.00	0.00	0.00	0.30	0.50	36.00	1	30.0	1	3	1					12.96	453.60
S0311	0.16	5	26U	21.10	6.00	30.70	19.00	8.20	14.50	33.50	0.00	0.00	0.00	0.00	39.50	1	26.0	0	3	1					0.16	5.36
	125.05																				**0.74**	**29.60**	**3.19**	**137.91**	**121.12**	**3,122.51**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
C0101	0.74	29.60				
C0112					1.15	24.96
TOTALS	**0.74**	**29.60**	**0.00**	**0.00**	**1.15**	**24.96**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**3.19**	**137.91**	**119.97**	**3,097.55**

Suitable and Potentially Suitable

Acres	BA
3.19	**137.91**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
123.16	**3,235.46**

Appendix E. Table 29. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D03-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability							
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential		Minimally Managed Pine-Dominated	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA	Acres	BA
D0204	11.53	65	31	31.70	10.80	22.60	15.40	6.80	9.20	24.60	4.00	0.90	0.00	0.80	37.70	4	17.0	3	1					11.53	283.64		
D0215	4.04	59	25	43.10	10.60	20.10	14.10	8.00	11.80	25.90	1.50	1.00	0.90	1.80	38.90	1	30.0	3	1					4.04	104.64		
D0219	4.38	54	26	39.80	10.00	15.40	10.50	12.60	21.50	32.00	7.50	3.10	1.20	3.50	48.00	1	25.0	3	1	4.38	140.16						
D0223	2.36	12	PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0							2.36	0.00
D0224	1.43	12	PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0							1.43	0.00
D0225	2.63	12	PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0							2.63	0.00
D0226	1.46	12	PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0							1.46	0.00
D0227	2.07	27	PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0							2.07	0.00
D0303	13.40	86	26	7.80	3.10	5.20	3.80	10.40	18.50	22.30	3.90	3.00	4.50	8.50	35.40	1	18.0	3	1					13.40	298.82		
D0304	40.12	57	25	36.80	12.50	22.50	16.50	17.10	24.50	41.00	12.10	2.90	2.00	5.00	63.00	1	20.0	3	2	40.12	1,644.92						
D0308	17.84	53	25	36.00	10.50	19.20	13.50	15.80	24.50	38.00	22.10	2.10	1.00	3.00	57.00	4	22.0	3	1	17.84	677.92						
D0310	26.83	56	26	39.30	10.00	27.00	19.50	20.00	31.50	51.00	15.30	5.70	2.10	6.50	72.50	1	16.0	3	1	26.83	1,368.33						
D0313	19.71	56	10	58.60	14.00	16.50	11.00	4.10	5.00	16.00	11.90	11.80	3.30	12.50	47.00	7	20.0	3	1					19.71	315.36		
D0316	8.33	91	26	9.60	3.80	13.10	10.00	32.30	56.30	66.30	0.00	0.00	0.00	0.00	70.10	2	12.0	3	1	8.33	552.28						
D0317	2.83	26	25	52.70	13.30	10.80	6.70	0.00	0.00	6.70	0.00	0.00	0.00	0.00	20.00	1	30.0	3	1					2.83	18.96		
D0323	51.96	91	26	14.40	4.00	16.30	12.00	14.80	25.00	37.00	4.90	3.70	0.80	4.00	46.50	1	36.0	3	1	51.96	1,922.52						
D0326	11.21	59	21	20.10	6.30	29.00	22.10	14.40	19.50	41.60	1.40	2.20	1.40	3.20	51.60	1	22.0	3	1	11.21	466.34						
D0328	10.97	56	26	39.30	10.00	27.00	19.50	20.00	31.50	51.00	15.30	5.70	2.10	6.50	72.50	1	16.0	3	1	10.97	559.47						
D0329	7.10	86	26	53.00	11.40	1.90	1.40	4.20	10.00	11.40	0.00	0.00	0.00	0.00	22.80	1	9.0	3	1					7.10	80.94		
D0330	5.41	12	PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0							5.41	0.00
D0331	4.02	12	PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0							4.02	0.00
D0801	38.72	59	26	28.90	6.50	14.40	10.00	21.40	31.00	41.00	1.40	5.70	3.30	8.00	56.00	1	28.0	3	1	38.72	1,587.52						
D0802	3.77	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.77	0.00		
D0803	0.83	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.83	0.00		
DMPRC65	2.37	57	25	36.80	12.50	22.50	16.50	17.10	24.50	41.00	12.10	2.90	2.00	5.00	63.00	1	20.0	3	2	2.37	97.17						
	295.32																			**212.73**	**9,016.63**	**0.00**	**0.00**	**63.21**	**1,102.36**	**19.38**	**0.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
PINE = A20 Dudded Impact Area, no data taken

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines ≥14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA	Minimally Managed Acres	Minimally Managed BA
PROJECT REMOVALS	D0219	Scout Leaders Course - Heavy Maneuver (PN 69743)	1.74	55.68						
	D0223								2.36	0.00
	D0224								1.43	0.00
	D0226								1.46	0.00
	D0227								2.07	0.00
	D0323		23.22	859.14						
	D0330								5.41	0.00
	D0801		23.66	970.06						
	D0802						2.24	0.00		
		PROJECT TOTALS	**48.62**	**1,884.88**	**0.00**	**0.00**	**2.24**	**0.00**	**12.73**	**0.00**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA	Minimally Managed Acres	Minimally Managed BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT									
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA	Minimally Managed Acres	Minimally Managed BA
	164.11	**7131.75**	**0.00**	**0.00**	**60.97**	**1,102.36**	**6.65**	**0.00**

BASELINE TOTALS

Suitable and Potentially Suitable	
Acres	BA
164.11	**7,131.75**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
231.73	**8,234.11**

Appendix E. Table 30. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D03-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability							
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential		Minimally Managed Pine-Dominated	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA	Acres	BA
D0204	11.53	65	31	31.70	10.80	22.60	15.40	6.80	9.20	24.60	4.00	0.90	0.00	0.80	37.70	4	17.0	3	3	1					11.53	283.64		
D0215	4.04	59	25	43.10	10.60	20.10	14.10	8.00	11.80	25.90	1.50	1.00	0.90	1.80	38.90	1	30.0	6	3	1					4.04	104.64		
D0219	4.38	54	26	39.80	10.00	15.40	10.50	12.60	21.50	32.00	7.50	3.10	1.20	3.50	48.00	1	25.0	13	3	1					4.38	140.16		
D0223	2.36	12	PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0	0							2.36	0.00
D0224	1.43	12	PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0	0							1.43	0.00
D0225	2.63	12	PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0	0							2.63	0.00
D0226	1.46	12	PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0	0							1.46	0.00
D0227	2.07	27	PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0	0							2.07	0.00
D0303	13.40	86	26	7.80	3.10	5.20	3.80	10.40	18.50	22.30	3.90	3.00	4.50	8.50	35.40	1	18.0	32	3	1					13.40	298.82		
D0304	40.12	57	25	36.80	12.50	22.50	16.50	17.10	24.50	41.00	12.10	2.90	2.00	5.00	63.00	1	20.0	11	3	2					40.12	1,644.92		
D0308	17.84	53	25	36.00	10.50	19.20	13.50	15.80	24.50	38.00	22.10	2.10	1.00	3.00	57.00	4	22.0	8	3	1					17.84	677.92		
D0310	26.83	56	26	39.30	10.00	27.00	19.50	20.00	31.50	51.00	15.30	5.70	2.10	6.50	72.50	1	16.0	14	3	1					26.83	1,368.33		
D0313	19.71	56	10	58.60	14.00	16.50	11.00	4.10	5.00	16.00	11.90	11.80	3.30	12.50	47.00	7	20.0	42	3	1					19.71	315.36		
D0316	8.33	91	26	9.60	3.80	13.10	10.00	32.30	56.30	66.30	0.00	0.00	0.00	0.00	70.10	2	12.0	0	3	1			8.33	552.28				
D0317	2.83	26	25	52.70	13.30	10.80	6.70	0.00	0.00	6.70	0.00	0.00	0.00	0.00	20.00	1	30.0	0	3	1					2.83	18.96		
D0323	51.96	91	26	14.40	4.00	16.30	12.00	14.80	25.00	37.00	4.90	3.70	0.80	4.00	46.50	1	36.0	13	3	1					51.96	1,922.52		
D0326	11.21	59	21	20.10	6.30	29.00	22.10	14.40	19.50	41.60	1.40	2.20	1.40	3.20	51.60	1	22.0	8	3	1					11.21	466.34		
D0328	10.97	56	26	39.30	10.00	27.00	19.50	20.00	31.50	51.00	15.30	5.70	2.10	6.50	72.50	1	16.0	14	3	1					10.97	559.47		
D0329	7.10	86	26	53.00	11.40	1.90	1.40	4.20	10.00	11.40	0.00	0.00	0.00	0.00	22.80	1	9.0	0	3	1					7.10	80.94		
D0330	5.41	12	PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0	0							5.41	0.00
D0331	4.02	12	PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0	0							4.02	0.00
D0801	38.72	59	26	28.90	6.50	14.40	10.00	21.40	31.00	41.00	1.40	5.70	3.30	8.00	56.00	1	28.0	20	3	1					38.72	1,587.52		
D0802	3.77	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.77	0.00		
D0803	0.83	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.83	0.00		
DMPRC65	2.37	57	25	36.80	12.50	22.50	16.50	17.10	24.50	41.00	12.10	2.90	2.00	5.00	63.00	1	20.0	11	3	2					2.37	97.17		
	295.32																				**0.00**	**0.00**	**8.33**	**552.28**	**267.61**	**9,566.71**	**19.38**	**0.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
PINE = A20 Dudded Impact Area, no data taken

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA	Minimally Managed Acres	Minimally Managed BA
PROJECT REMOVALS	D0219	Scout Leaders Course - Heavy Maneuver (PN 69743)					1.74	55.68		
	D0223								2.36	0.00
	D0224								1.43	0.00
	D0226								1.46	0.00
	D0227								2.07	0.00
	D0323						23.22	859.14		
	D0330								5.41	0.00
	D0801						23.66	970.06		
	D0802						2.24	0.00		
	PROJECT TOTALS		**0.00**	**0.00**	**0.00**	**0.00**	**50.86**	**1,884.88**	**12.73**	**0.00**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA	Minimally Managed Acres	Minimally Managed BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT									
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA	Minimally Managed Acres	Minimally Managed BA
BASELINE TOTALS	**0.00**	**0.00**	**8.33**	**552.28**	**216.75**	**7,681.83**	**6.65**	**0.00**

Suitable and Potentially Suitable	
Acres	BA
8.33	**552.28**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
231.73	**8,234.11**

Appendix E. Table 31. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D06-B,** Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D0503	16.05	82	25	9.70	3.50	13.80	11.00	20.90	31.00	42.00	0.00	0.00	0.50	1.50	47.00	1	30.0	3	2	16.05	674.10				
D0505	9.42	55	10	11.90	4.00	21.40	15.00	15.30	22.00	37.00	0.00	2.10	8.40	21.00	62.00	5	21.0	3	2			9.42	348.54		
D0510	1.54	55	31	45.20	13.00	41.40	30.00	23.60	32.00	62.00	1.10	0.50	0.00	0.50	76.00	1	31.0	3	2	1.54	95.48				
D0512	17.42	53	21	12.90	3.50	13.70	11.00	15.60	23.00	34.00	0.00	0.60	1.40	2.50	40.00	4	23.0	3	2	17.42	592.28				
D0513	7.35	82	10U	6.80	1.40	9.10	7.10	9.40	14.30	21.40	0.00	0.00	3.00	7.10	29.90	5	26.0	3	2					7.35	157.29
D0514	1.72	53	25	13.30	3.30	15.60	12.20	24.40	38.90	51.10	3.90	0.00	1.60	3.30	58.80	5	31.0	3	2	1.72	87.89				
D0609	29.68	60	26	14.00	4.00	9.80	7.50	23.90	37.00	44.50	1.50	1.90	1.00	3.50	52.50	4	22.0	3	1	29.68	1,320.76				
D0610	31.39	51	26	10.20	2.50	13.40	10.00	20.10	31.50	41.50	0.00	0.70	1.60	4.00	48.00	4	24.0	3	1	31.39	1,302.69				
D0611	25.94	51	26	13.40	4.00	16.20	12.00	17.90	29.00	41.00	4.50	3.10	1.40	5.00	51.50	1	34.0	3	1	25.94	1,063.54				
D0615	34.34	56	31	15.70	4.50	22.30	17.50	18.20	26.50	44.00	4.60	0.80	0.10	1.00	51.00	4	22.0	3	2	34.34	1,510.96				
D0616	12.67	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					12.67	0.00
D0619	16.59	63	25	19.00	5.60	14.20	10.00	23.00	39.40	49.40	0.00	2.80	0.40	3.20	58.20	1	32.0	3	2	16.59	819.55				
D0620	13.52	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					13.52	0.00
F0501	5.12	51	25	5.60	2.50	14.60	11.30	21.90	33.80	45.10	0.00	0.00	0.00	0.00	47.60	6	16.0	3	1			5.12	230.91		
F0502	1.96	59	22P	13.20	5.00	27.10	20.00	23.60	31.00	51.00	0.00	0.00	0.00	0.00	56.00	1	16.0	3	1	1.96	99.96				
F0503	1.39	59	25	11.50	2.70	3.30	1.80	8.50	16.40	18.20	5.00	1.40	2.10	3.60	26.30	6	15.0	3	1					1.39	25.30
K3502	0.12	69	26	24.00	5.80	18.00	13.20	17.00	25.80	39.00	13.40	6.40	2.50	7.90	56.90	1	12.0	3	1	0.12	4.68				
K3504	6.09	58	25	21.30	6.00	18.30	14.00	19.10	27.00	41.00	0.00	0.00	0.00	0.00	47.00	2	44.0	3	1	6.09	249.69				
K3506	0.00	64	26	7.10	1.70	18.50	14.40	16.20	25.60	40.00	5.50	0.00	0.70	1.10	44.50	2	36.0	3	1	0.00	0.00				
K3619	15.49	58	26	22.30	5.90	11.10	8.20	9.80	15.30	23.50	4.90	0.90	0.50	1.80	32.40	1	15.0	3	1					15.49	364.02
K3620	19.03	57	31	19.30	6.00	14.90	11.00	20.80	30.50	41.50	3.10	0.00	0.20	0.50	49.00	1	34.0	3	1	19.03	789.75				
	266.83																			**201.87**	**8,611.33**	**14.54**	**579.45**	**50.42**	**546.61**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Value does not meet Managed Stability Standard requirements.
Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.
Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	D0503	Scout Leaders Course - Heavy Maneuver (PN 69743)	0.18	7.56				
	D0609		5.82	258.99				
	D0610		16.38	679.77				
	D0611		22.13	907.33				
	D0615		34.34	1,510.96				
	D0619		13.75	679.25				
	D0620						13.52	0.00
	F0501				5.12	230.91		
	F0502		1.96	99.96				
	F0503						1.40	25.48
	K3502		0.12	4.68				
	K3504		6.09	249.69				
	K3619						14.89	349.92
	K3620		5.88	244.02				
		PROJECT TOTALS	**106.65**	**4,642.21**	**5.12**	**230.91**	**29.81**	**375.40**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT							
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
BASELINE TOTALS	**95.22**	**3,969.12**	**9.42**	**348.54**	**20.61**	**171.21**

Suitable and Potentially Suitable	
Acres	BA
104.64	**4,317.66**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
125.25	**4,488.87**

Appendix E. Table 32. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D06-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D0503	16.05	82	25	9.70	3.50	13.80	11.00	20.90	31.00	42.00	0.00	0.00	0.50	1.50	47.00	1	30.0	1	3	2			16.05	674.10		
D0505	9.42	55	10	11.90	4.00	21.40	15.00	15.30	22.00	37.00	0.00	2.10	8.40	21.00	62.00	5	21.0	22	3	2					9.42	348.54
D0510	1.54	55	31	45.20	13.00	41.40	30.00	23.60	32.00	62.00	1.10	0.50	0.00	0.50	76.00	1	31.0	1	3	2					1.54	95.48
D0512	17.42	53	21	12.90	3.50	13.70	11.00	15.60	23.00	34.00	0.00	0.60	1.40	2.50	40.00	4	23.0	6	3	2					17.42	592.28
D0513	7.35	82	10U	6.80	1.40	9.10	7.10	9.40	14.30	21.40	0.00	0.00	3.00	7.10	29.90	5	26.0	14	3	2					7.35	157.29
D0514	1.72	53	25	13.30	3.30	15.60	12.20	24.40	38.90	51.10	3.90	0.00	1.60	3.30	58.80	5	31.0	4	3	2					1.72	87.89
D0609	29.68	60	26	14.00	4.00	9.80	7.50	23.90	37.00	44.50	1.50	1.90	1.00	3.50	52.50	4	22.0	8	3	1			29.68	1,320.76		
D0610	31.39	51	26	10.20	2.50	13.40	10.00	20.10	31.50	41.50	0.00	0.70	1.60	4.00	48.00	4	24.0	6	3	1					31.39	1,302.69
D0611	25.94	51	26	13.40	4.00	16.20	12.00	17.90	29.00	41.00	4.50	3.10	1.40	5.00	51.50	1	34.0	12	3	1					25.94	1,063.54
D0615	34.34	56	31	15.70	4.50	22.30	17.50	18.20	26.50	44.00	4.60	0.80	0.10	1.00	51.00	4	22.0	2	3	2					34.34	1,510.96
D0616	12.67	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					12.67	0.00
D0619	16.59	63	25	19.00	5.60	14.20	10.00	23.00	39.40	49.40	0.00	2.80	0.40	3.20	58.20	1	32.0	8	3	2			16.59	819.55		
D0620	13.52	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					13.52	0.00
F0501	5.12	51	25	5.60	2.50	14.60	11.30	21.90	33.80	45.10	0.00	0.00	0.00	0.00	47.60	6	16.0	0	3	1					5.12	230.91
F0502	1.96	59	22P	13.20	5.00	27.10	20.00	23.60	31.00	51.00	0.00	0.00	0.00	0.00	56.00	1	16.0	0	3	1					1.96	99.96
F0503	1.39	59	25	11.50	2.70	3.30	1.80	8.50	16.40	18.20	5.00	1.40	2.10	3.60	26.30	6	15.0	23	3	1					1.39	25.30
K3502	0.12	69	26	24.00	5.80	18.00	13.20	17.00	25.80	39.00	13.40	6.40	2.50	7.90	56.90	1	12.0	20	3	1					0.12	4.68
K3504	6.09	58	25	21.30	6.00	18.30	14.00	19.10	27.00	41.00	0.00	0.00	0.00	0.00	47.00	2	44.0	0	3	1					6.09	249.69
K3506	0.00	64	26	7.10	1.70	18.50	14.40	16.20	25.60	40.00	5.50	0.00	0.70	1.10	44.50	2	36.0	2	3	1					0.00	0.00
K3619	15.49	58	26	22.30	5.90	11.10	8.20	9.80	15.30	23.50	4.90	0.90	0.50	1.80	32.40	1	15.0	6	3	1					15.49	364.02
K3620	19.03	57	31	19.30	6.00	14.90	11.00	20.80	30.50	41.50	3.10	0.00	0.20	0.50	49.00	1	34.0	1	3	1					19.03	789.75
	266.83																				**0.00**	**0.00**	**62.32**	**2,814.41**	**204.51**	**6,922.98**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	D0503	Scout Leaders Course - Heavy Maneuver (PN 69743)			0.18	7.56		
	D0609				5.82	258.99		
	D0610						16.38	679.77
	D0611						22.13	907.33
	D0615						34.34	1510.96
	D0619				13.75	679.25		
	D0620						13.52	0.00
	F0501						5.12	230.91
	F0502						1.96	99.96
	F0503						1.40	25.48
	K3502						0.12	4.68
	K3504						6.09	249.69
	K3619						14.89	349.92
	K3620						5.88	244.02
		PROJECT TOTALS	**0.00**	**0.00**	**19.75**	**945.80**	**121.83**	**4,302.72**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
	0.00	**0.00**	**42.57**	**1,868.61**	**82.68**	**2,620.26**

Suitable and Potentially Suitable	
Acres	BA
42.57	**1,868.61**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
125.25	**4,488.87**

Appendix E. Table 33. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D07-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D0611	16.12	51	26	13.40	4.00	16.20	12.00	17.90	29.00	41.00	4.50	3.10	1.40	5.00	51.50	1	34.0	3	1	16.12	660.92				
D0708	3.32	59	11	8.30	2.00	4.20	3.00	9.80	18.50	21.50	77.90	19.10	6.70	23.50	67.50	7	7.0	3	1					3.32	71.38
D0712	82.17	66	26	2.50	1.00	10.70	8.00	17.10	28.00	36.00	1.20	0.60	1.20	2.50	40.00	1	36.0	3	1	82.17	2,958.12				
D0713	21.49	65	25	18.20	4.50	33.20	24.00	19.70	27.50	51.50	2.30	3.50	0.90	4.00	61.00	1	35.0	3	1	21.49	1,106.74				
D0714	34.51	58	26	12.00	2.50	1.30	1.00	12.20	21.00	22.00	2.50	1.50	0.80	3.00	28.00	2	32.0	3	1					34.51	759.22
D1604	2.97	90	10	16.40	4.00	4.40	3.50	18.90	42.00	45.50	44.00	9.60	3.70	12.00	72.00	6	4.0	3	1			2.97	135.14		
D1605	3.96	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.96	0.00
D1644	0.17	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.17	0.00
	164.71																			**119.78**	**4,725.78**	**2.97**	**135.14**	**41.96**	**830.60**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
11 = Eastern Red Cedar - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PROJECT REMOVALS

Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
D0611	Scout Leaders Course - Heavy Maneuver (PN 69743)	11.51	471.91				
D0712		6.33	227.88				
D0713		13.92	716.88				
D0714						26.01	572.22
D1604				0.08	3.64		
D1605						0.74	0.00
PROJECT TOTALS		**31.76**	**1,416.67**	**0.08**	**3.64**	**26.75**	**572.22**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
D1604			2.89	131.50		
D1605					3.22	0.00
D1644					0.17	0.00
TOTALS	**0.00**	**0.00**	**2.89**	**131.50**	**3.39**	**0.00**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
88.02	**3,309.11**	**0.00**	**0.00**	**11.82**	**258.38**

Suitable and Potentially Suitable	
Acres	BA
88.02	**3,309.11**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
99.84	**3,567.49**

Appendix E. Table 34. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D07-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
D0611	16.12	51	26	13.40	4.00	16.20	12.00	17.90	29.00	41.00	4.50	3.10	1.40	5.00	51.50	1	34.0	12	3	1					16.12	660.92
D0708	3.32	59	11	8.30	2.00	4.20	3.00	9.80	18.50	21.50	77.90	19.10	6.70	23.50	67.50	7	7.0	65	3	1					3.32	71.38
D0712	82.17	66	26	2.50	1.00	10.70	8.00	17.10	28.00	36.00	1.20	0.60	1.20	2.50	40.00	1	36.0	6	3	1					82.17	2,958.12
D0713	21.49	65	25	18.20	4.50	33.20	24.00	19.70	27.50	51.50	2.30	3.50	0.90	4.00	61.00	1	35.0	8	3	1			21.49	1,106.74		
D0714	34.51	58	26	12.00	2.50	1.30	1.00	12.20	21.00	22.00	2.50	1.50	0.80	3.00	28.00	2	32.0	15	3	1					34.51	759.22
D1604	2.97	90	10	16.40	4.00	4.40	3.50	18.90	42.00	45.50	44.00	9.60	3.70	12.00	72.00	6	4.0	36	3	1			2.97	135.14		
D1605	3.96	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.96	0.00
D1644	0.17	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.17	0.00
	164.71																				**0.00**	**0.00**	**24.46**	**1,241.88**	**140.25**	**4,449.64**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
11 = Eastern Red Cedar - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	D0611	Scout Leaders Course - Heavy Maneuver (PN 69743)					11.51	471.91
	D0712						6.33	227.88
	D0713				13.92	716.88		
	D0714						26.01	572.22
	D1604				0.08	3.64		
	D1605						0.74	0.00
		PROJECT TOTALS	**0.00**	**0.00**	**14.00**	**720.52**	**44.59**	**1,272.01**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	D1604			2.89	131.495		
	D1605					3.22	0.00
	D1644					0.17	0.00
	TOTALS	**0.00**	**0.00**	**2.89**	**131.50**	**3.39**	**0.00**

BASELINE TOTALS	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
	0.00	**0.00**	**7.57**	**389.86**	**92.27**	**3,177.63**

Suitable and Potentially Suitable	
Acres	BA
7.57	**389.86**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
99.84	**3,567.49**

Appendix E. Table 35. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D09-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential & Temporarily Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D0912	0.26	86	26	29.40	7.50	12.80	8.50	25.30	37.00	45.50	0.00	0.60	3.80	6.00	59.00	1	31.0	3	1	0.26	11.83				
D0914	6.34	76	26	24.60	6.50	6.10	4.50	18.80	29.00	33.50	7.10	5.60	2.10	6.50	48.00	6	17.0	3	1			6.34	212.39		
D0915	10.60	70	25	24.20	6.50	7.60	5.00	25.30	37.50	42.50	3.10	0.70	0.60	1.50	51.50	1	48.0	3	1	10.60	450.50				
D0916	8.93	16	10	88.30	18.00	10.90	7.00	3.90	7.00	14.00	4.60	0.00	1.70	6.00	39.00	1	22.0	3	1					8.93	125.02
D0918	58.02	74	26	6.60	1.60	10.30	7.90	18.80	27.40	35.30	3.80	2.70	1.50	3.70	41.70	4	37.0	3	1	58.02	2048.11				
D1105	2.42	63	26	13.70	4.00	5.70	4.00	14.40	24.00	28.00	8.10	6.30	2.50	8.00	42.50	1	40.0	3	1					2.42	67.76
D1111	6.68	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.68	0.00
D1221	4.31	28	25	42.60	12.20	19.00	12.20	8.60	11.10	23.30	2.80	6.30	0.40	5.50	42.10	5	26.0	3	1					4.31	100.42
D1222	12.34	37	25	129.00	36.20	23.00	15.40	4.80	6.90	22.30	11.50	5.60	2.90	10.00	71.60	8	28.0	3	1					12.34	275.18
D1223	36.89	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					36.89	0.00
D1224	10.97	52	10	37.70	10.90	25.70	17.30	12.30	15.50	32.80	19.10	9.00	1.80	10.00	59.20	1	33.0	3	1					10.97	359.82
D1225	19.74	28	25	122.10	31.00	11.70	7.50	6.00	7.50	15.00	5.80	1.80	0.40	2.00	49.50	2	32.0	3	1					19.74	296.10
D1229	3.51	88	25	18.90	5.50	8.40	6.00	10.00	18.00	24.00	14.80	1.30	1.10	3.50	37.50	8	34.0	3	1					3.51	84.24
D1230	1.89	85	25	79.40	23.00	18.60	12.00	8.00	11.00	23.00	14.50	1.50	3.00	7.00	58.00	3	28.0	3	1					1.89	43.47
D1411	7.66	63	25	67.00	19.00	6.90	4.50	8.90	13.00	17.50	18.90	2.40	4.00	8.00	49.50	7	23.0	3	1					7.66	134.05
D1432	0.10	62	10	73.20	20.60	11.70	7.80	4.90	8.90	16.70	5.70	5.40	3.50	8.90	48.40	6	26.0	3	1					0.10	1.67
	190.66																			**68.88**	**2,510.44**	**6.34**	**212.39**	**115.44**	**1,487.73**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	D0916	Scout Leaders Course - Heavy Maneuver (PN 69743)	0.11	3.88			0.41	5.74
	D0918							
	D1105						0.59	16.52
	D1111						0.46	0.00
	D1225						0.24	3.60
	D1229						0.11	2.64
	D1411						2.35	41.13
		PROJECT TOTALS	**0.11**	**3.88**	**0.00**	**0.00**	**4.16**	**69.63**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT							
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
BASELINE TOTALS	**68.77**	**2,506.56**	**6.34**	**212.39**	**111.28**	**1,418.10**

Suitable and Potentially Suitable	
Acres	BA
75.11	**2,718.95**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
186.39	**4,137.05**

Appendix E. Table 36. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D09-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D0912	0.26	86	26	29.40	7.50	12.80	8.50	25.30	37.00	45.50	0.00	0.60	3.80	6.00	59.00	1	31.0	10	3	1			0.26	11.83		
D0914	6.34	76	26	24.60	6.50	6.10	4.50	18.80	29.00	33.50	7.10	5.60	2.10	6.50	48.00	6	17.0	24	3	1					6.34	212.39
D0915	10.60	70	25	24.20	6.50	7.60	5.00	25.30	37.50	42.50	3.10	0.70	0.60	1.50	51.50	1	48.0	4	3	1			10.60	450.50		
D0916	8.93	16	10	88.30	18.00	10.90	7.00	3.90	7.00	14.00	4.60	0.00	1.70	6.00	39.00	1	22.0	10	3	1					8.93	125.02
D0918	58.02	74	26	6.60	1.60	10.30	7.90	18.80	27.40	35.30	3.80	2.70	1.50	3.70	41.70	4	37.0	13	3	1					58.02	2,048.11
D1105	2.42	63	26	13.70	4.00	5.70	4.00	14.40	24.00	28.00	8.10	6.30	2.50	8.00	42.50	1	40.0	30	3	1					2.42	67.76
D1111	6.68	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.68	0.00
D1221	4.31	28	25	42.60	12.20	19.00	12.20	8.60	11.10	23.30	2.80	6.30	0.40	5.50	42.10	5	26.0	20	3	1					4.31	100.42
D1222	12.34	37	25	129.00	36.20	23.00	15.40	4.80	6.90	22.30	11.50	5.60	2.90	10.00	71.60	8	28.0	23	3	1					12.34	275.18
D1223	36.89	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					36.89	0.00
D1224	10.97	52	10	37.70	10.90	25.70	17.30	12.30	15.50	32.80	19.10	9.00	1.80	10.00	59.20	1	33.0	22	3	1					10.97	359.82
D1225	19.74	28	25	122.10	31.00	11.70	7.50	6.00	7.50	15.00	5.80	1.80	0.40	2.00	49.50	2	32.0	11	3	1					19.74	296.10
D1229	3.51	88	25	18.90	5.50	8.40	6.00	10.00	18.00	24.00	14.80	1.30	1.10	3.50	37.50	8	34.0	12	3	1					3.51	84.24
D1230	1.89	85	25	79.40	23.00	18.60	12.00	8.00	11.00	23.00	14.50	1.50	3.00	7.00	58.00	3	28.0	14	3	1					1.89	43.47
D1411	7.66	63	25	67.00	19.00	6.90	4.50	8.90	13.00	17.50	18.90	2.40	4.00	8.00	49.50	7	23.0	29	3	1					7.66	134.05
D1432	0.10	62	10	73.20	20.60	11.70	7.80	4.90	8.90	16.70	5.70	5.40	3.50	8.90	48.40	6	26.0	35	3	1					0.10	1.67
	190.66																				**0.00**	**0.00**	**10.86**	**462.33**	**179.80**	**3,748.23**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	D0916	Scout Leaders Course - Heavy Maneuver (PN 69743)					0.41	5.74
	D0918						0.11	3.88
	D1105						0.59	16.52
	D1111						0.46	0.00
	D1225						0.24	3.60
	D1229						0.11	2.64
	D1411						2.35	41.13
		PROJECT TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**4.27**	**73.51**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
	0.00	**0.00**	**10.86**	**462.33**	**175.53**	**3,674.72**

Suitable and Potentially Suitable	
Acres	BA
10.86	**462.33**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
186.39	**4,137.05**

Appendix E. Table 37. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D09-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D0912	39.22	86	26	29.40	7.50	12.80	8.50	25.30	37.00	45.50	0.00	0.60	3.80	6.00	59.00	1	31.0	3	1	39.22	1,784.51				
D0914	0.37	76	26	24.60	6.50	6.10	4.50	18.80	29.00	33.50	7.10	5.60	2.10	6.50	48.00	6	17.0	3	1			0.37	12.40		
D0915	6.47	70	25	24.20	6.50	7.60	5.00	25.30	37.50	42.50	3.10	0.70	0.60	1.50	51.50	1	48.0	3	1	6.47	274.98				
D0916	1.46	16	10	88.30	18.00	10.90	7.00	3.90	7.00	14.00	4.60	0.00	1.70	6.00	39.00	1	22.0	3	1					1.46	20.44
D0918	5.07	74	26	6.60	1.60	10.30	7.90	18.80	27.40	35.30	3.80	2.70	1.50	3.70	41.70	4	37.0	3	1	5.07	178.97				
D1038	3.14	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.14	0.00
D1040	13.27	60	26	41.10	9.20	5.70	4.60	11.20	17.70	22.30	2.00	1.10	1.80	3.10	35.40	3	47.0	3	1					13.27	295.92
D1041	0.09	63	26	3.60	1.70	13.70	11.70	10.40	18.30	30.00	11.00	5.50	0.60	5.00	40.00	2	32.0	3	1	0.09	2.70				
D1105	10.39	63	26	13.70	4.00	5.70	4.00	14.40	24.00	28.00	8.10	6.30	2.50	8.00	42.50	1	40.0	3	1					10.39	290.92
D1111	2.17	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.17	0.00
	81.65																			**50.85**	**2,241.16**	**0.37**	**12.40**	**30.43**	**607.28**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PROJECT REMOVALS

Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
D0912 D1040	Scout Leaders Course - Heavy Maneuver (PN 69743)	0.32	14.56			0.26	5.80
	PROJECT TOTALS	**0.32**	**14.56**	**0.00**	**0.00**	**0.26**	**5.80**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
50.53	**2,226.60**	**0.37**	**12.40**	**30.17**	**601.48**

Suitable and Potentially Suitable	
Acres	BA
50.90	**2,239.00**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
81.07	**2,840.48**

Appendix E. Table 38. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D09-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D0912	39.22	86	26	29.40	7.50	12.80	8.50	25.30	37.00	45.50	0.00	0.60	3.80	6.00	59.00	1	31.0	10	3	1			39.22	1784.51		
D0914	0.37	76	26	24.60	6.50	6.10	4.50	18.80	29.00	33.50	7.10	5.60	2.10	6.50	48.00	6	17.0	24	3	1					0.37	12.40
D0915	6.47	70	25	24.20	6.50	7.60	5.00	25.30	37.50	42.50	3.10	0.70	0.60	1.50	51.50	1	48.0	4	3	1			6.47	274.98		
D0916	1.46	16	10	88.30	18.00	10.90	7.00	3.90	7.00	14.00	4.60	0.00	1.70	6.00	39.00	1	22.0	10	3	1					1.46	20.44
D0918	5.07	74	26	6.60	1.60	10.30	7.90	18.80	27.40	35.30	3.80	2.70	1.50	3.70	41.70	4	37.0	13	3	1					5.07	178.97
D1038	3.14	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.14	0.00
D1040	13.27	60	26	41.10	9.20	5.70	4.60	11.20	17.70	22.30	2.00	1.10	1.80	3.10	35.40	3	47.0	15	3	1					13.27	295.92
D1041	0.09	63	26	3.60	1.70	13.70	11.70	10.40	18.30	30.00	11.00	5.50	0.60	5.00	40.00	2	32.0	20	3	1					0.09	2.70
D1105	10.39	63	26	13.70	4.00	5.70	4.00	14.40	24.00	28.00	8.10	6.30	2.50	8.00	42.50	1	40.0	30	3	1					10.39	290.92
D1111	2.17	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.17	0.00
	81.65																				**0.00**	**0.00**	**45.69**	**2,059.49**	**35.96**	**801.35**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PROJECT REMOVALS

Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
D0912	Scout Leaders Course - Heavy Maneuver (PN 69743)			0.32	14.56		
D1040						0.26	5.80
PROJECT TOTALS		**0.00**	**0.00**	**0.32**	**14.56**	**0.26**	**5.80**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
0.00	**0.00**	**45.37**	**2,044.93**	**35.70**	**795.55**

Suitable and Potentially Suitable

Acres	BA
45.37	**2,044.93**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
81.07	**2,840.48**

Appendix E. Table 39. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D09-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D0902	0.57	68	26	27.80	7.50	26.30	20.00	14.50	22.00	42.00	3.80	3.90	0.90	4.00	55.00	2	29.0	3	1	0.57	23.94				
D0904	6.94	68	26	32.50	11.00	31.90	21.00	16.40	22.00	43.00	12.20	1.60	0.00	1.00	58.00	2	29.0	3	1	6.94	298.42				
D0905	2.08	68	26	80.70	16.00	8.20	6.00	2.70	5.00	11.00	2.70	0.00	0.00	0.00	28.00	7	24.0	3	1					2.08	22.88
D0906	23.60	69	26	15.00	4.00	15.10	10.50	21.80	31.50	42.00	8.90	3.10	1.70	4.50	53.00	1	32.0	3	1	23.60	991.20				
D0907	19.27	69	26	37.60	11.10	24.80	17.90	16.10	23.70	41.60	4.00	4.30	0.10	3.10	57.40	4	21.0	3	1	19.27	801.63				
D0909	29.60	76	26	19.30	4.50	5.10	3.50	14.60	24.00	27.50	6.30	2.50	4.40	8.00	42.00	1	37.0	3	1					29.60	814.00
D0910	1.99	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.99	0.00
D0911	12.77	68	26	96.90	24.60	26.30	17.70	7.00	10.00	27.70	11.40	4.40	0.30	3.90	60.00	4	14.0	3	1					12.77	353.73
D0912	20.62	86	26	29.40	7.50	12.80	8.50	25.30	37.00	45.50	0.00	0.60	3.80	6.00	59.00	1	31.0	3	1	20.62	938.21				
D0914	17.54	76	26	24.60	6.50	6.10	4.50	18.80	29.00	33.50	7.10	5.60	2.10	6.50	48.00	6	17.0	3	1			17.54	587.59		
D0915	8.70	70	25	24.20	6.50	7.60	5.00	25.30	37.50	42.50	3.10	0.70	0.60	1.50	51.50	1	48.0	3	1	8.70	369.75				
D1023	1.65	56	26	92.20	25.00	10.70	6.70	5.20	6.70	13.40	0.00	1.80	1.10	3.40	41.80	6	30.0	3	1					1.65	22.11
D1037	10.60	69	26	20.00	4.50	14.30	10.90	9.60	17.30	28.20	0.00	2.20	0.30	2.70	35.40	2	29.0	3	1					10.60	298.92
D1038	23.23	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					23.23	0.00
D1041	5.53	63	26	3.60	1.70	13.70	11.70	10.40	18.30	30.00	11.00	5.50	0.60	5.00	40.00	2	32.0	3	1	5.53	165.90				
D1411	8.38	63	25	67.00	19.00	6.90	4.50	8.90	13.00	17.50	18.90	2.40	4.00	8.00	49.50	7	23.0	3	1					8.38	146.65
D1413	12.00	63	26	49.40	14.00	20.30	14.50	9.00	13.50	28.00	4.10	0.80	3.40	5.50	49.00	4	22.0	3	1					12.00	336.00
D1418	0.42	11	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.42	0.00
	205.49																			**85.23**	**3,589.05**	**17.54**	**587.59**	**102.72**	**1,994.29**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation
ND = No data taken

Value does not meet Managed Stability requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	D0902	Scout Leaders Course - Heavy Maneuver (PN 69743)	0.57	23.94				
	D0904		5.60	240.80				
	D0905						2.08	22.88
	D0906		1.72	72.24				
	D0907		9.09	378.14				
	D0909						28.90	794.75
	D0911						12.65	350.41
	D0912		3.14	142.87				
	D0914				12.24	410.04		
	D0915		4.21	178.93				
	D1023						0.15	2.01
	D1037		0.95	26.79				
	D1041		1.71	51.30				
	D1411						1.00	17.50
	D1413						9.91	277.48
		PROJECT TOTALS	**26.99**	**1,115.01**	**12.24**	**410.04**	**54.69**	**1,465.03**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT							
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
BASELINE TOTALS	**58.24**	**2,474.04**	**5.30**	**177.55**	**48.03**	**529.26**

Suitable and Potentially Suitable	
Acres	BA
63.54	**2,651.59**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
111.57	**3,180.85**

Appendix E. Table 40. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D09-C,** Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
D0902	0.57	68	26	27.80	7.50	26.30	20.00	14.50	22.00	42.00	3.80	3.90	0.90	4.00	55.00	2	29.0	11	3	1					0.57	23.94
D0904	6.94	68	26	32.50	11.00	31.90	21.00	16.40	22.00	43.00	12.20	1.60	0.00	1.00	58.00	2	29.0	3	3	1					6.94	298.42
D0905	2.08	68	26	80.70	16.00	8.20	6.00	2.70	5.00	11.00	2.70	0.00	0.00	0.00	28.00	7	24.0	0	3	1					2.08	22.88
D0906	23.60	69	26	15.00	4.00	15.10	10.50	21.80	31.50	42.00	8.90	3.10	1.70	4.50	53.00	1	32.0	12	3	1			23.60	991.20		
D0907	19.27	69	26	37.60	11.10	24.80	17.90	16.10	23.70	41.60	4.00	4.30	0.10	3.10	57.40	4	21.0	10	3	1					19.27	801.63
D0909	29.60	76	26	19.30	4.50	5.10	3.50	14.60	24.00	27.50	6.30	2.50	4.40	8.00	42.00	1	37.0	26	3	1					29.60	814.00
D0910	1.99	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.99	0.00
D0911	12.77	68	26	96.90	24.60	26.30	17.70	7.00	10.00	27.70	11.40	4.40	0.30	3.90	60.00	4	14.0	12	3	1					12.77	353.73
D0912	20.62	86	26	29.40	7.50	12.80	8.50	25.30	37.00	45.50	0.00	0.60	3.80	6.00	59.00	1	31.0	10	3	1			20.62	938.21		
D0914	17.54	76	26	24.60	6.50	6.10	4.50	18.80	29.00	33.50	7.10	5.60	2.10	6.50	48.00	6	17.0	24	3	1					17.54	587.59
D0915	8.70	70	25	24.20	6.50	7.60	5.00	25.30	37.50	42.50	3.10	0.70	0.60	1.50	51.50	1	48.0	4	3	1			8.70	369.75		
D1023	1.65	56	26	92.20	25.00	10.70	6.70	5.20	6.70	13.40	0.00	1.80	1.10	3.40	41.80	6	30.0	15	3	1					1.65	22.11
D1037	10.60	69	26	20.00	4.50	14.30	10.90	9.60	17.30	28.20	0.00	2.20	0.30	2.70	35.40	2	29.0	9	3	1					10.60	298.92
D1038	23.23	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					23.23	0.00
D1041	5.53	63	26	3.60	1.70	13.70	11.70	10.40	18.30	30.00	11.00	5.50	0.60	5.00	40.00	2	32.0	20	3	1					5.53	165.90
D1411	8.38	63	25	67.00	19.00	6.90	4.50	8.90	13.00	17.50	18.90	2.40	4.00	8.00	49.50	7	23.0	29	3	1					8.38	146.65
D1413	12.00	63	26	49.40	14.00	20.30	14.50	9.00	13.50	28.00	4.10	0.80	3.40	5.50	49.00	4	22.0	13	3	1					12.00	336.00
D1418	0.42	11	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.42	0.00
	205.49																				**0.00**	**0.00**	**52.92**	**2,299.16**	**152.57**	**3,871.77**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation
ND = No data taken

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PROJECT REMOVALS

Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
D0902	Scout Leaders Course - Heavy Maneuver (PN 69743)					0.57	23.94
D0904						5.60	240.80
D0905						2.08	22.88
D0906				1.72	72.24		
D0907						9.09	378.14
D0909						28.90	794.75
D0911						12.65	350.41
D0912				3.14	142.87		
D0914						12.24	410.04
D0915				4.21	178.93		
D1023						0.15	2.01
D1037						0.95	26.79
D1041						1.71	51.30
D1411						1.00	17.50
D1413						9.91	277.48
	PROJECT TOTALS	**0.00**	**0.00**	**9.07**	**394.04**	**84.85**	**2,596.04**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
0.00	**0.00**	**43.85**	**1,905.12**	**67.72**	**1,275.73**

Suitable and Potentially Suitable	
Acres	BA
43.85	**1,905.12**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
111.57	**3,180.85**

Appendix E. Table 41. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D11-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D1102	27.11	94	26	27.30	7.50	17.90	13.50	25.60	38.00	51.50	9.70	3.80	2.60	6.50	69.00	5	23.0	3	1	27.11	1,396.17				
D1108	31.20	84	26	14.00	4.50	8.50	6.00	29.80	51.50	57.50	3.10	0.60	1.70	3.50	66.50	2	21.0	3	1	31.20	1,794.00				
D1109	15.69	97	26	11.40	2.80	10.80	6.70	15.50	23.90	30.60	4.90	0.60	1.60	2.80	37.90	2	26.0	3	1	15.69	480.11				
D1110	27.81	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					27.81	0.00
D1112	14.66	75	25U	16.30	4.00	9.20	7.00	19.10	29.50	36.50	5.20	2.20	2.20	5.50	48.00	1	40.0	3	1	14.66	535.09				
D1114	3.58	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.58	0.00
D1115	12.96	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					12.96	0.00
D1116	1.02	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.02	0.00
E0606	3.01	82	26	32.20	9.00	27.50	19.50	9.70	15.00	34.50	2.50	1.40	2.30	5.00	49.50	2	27.0	3	1	3.01	103.85				
E0709	0.73	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.73	0.00
E0713	2.19	85	25	12.90	3.90	11.20	9.40	14.20	21.70	31.10	7.60	8.50	3.80	11.70	48.90	5	27.0	3	1			2.19	68.11		
	139.96																			**91.67**	**4,309.22**	**2.19**	**68.11**	**46.10**	**0.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	D1008	Scout Leaders Course - Heavy Maneuver (PN 69743)	0.01	0.58				
	D1112		0.09	3.29				
	D1114						0.01	0.00
		PROJECT TOTALS	**0.10**	**3.87**	**0.00**	**0.00**	**0.01**	**0.00**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT							
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
	91.57	**4,305.35**	**2.19**	**68.11**	**46.09**	**0.00**

BASELINE TOTALS	Suitable and Potentially Suitable	
	Acres	BA
	93.76	**4,373.46**

	Total Manageable Potentially Contiguous Pine Habitat	
	Acres	BA
	139.85	**4,373.46**

Appendix E. Table 42. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D11-A, Fort Benning,** Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D1102	27.11	94	26	27.30	7.50	17.90	13.50	25.60	38.00	51.50	9.70	3.80	2.60	6.50	69.00	5	23.0	13	3	1			27.11	1,396.17		
D1108	31.20	84	26	14.00	4.50	8.50	6.00	29.80	51.50	57.50	3.10	0.60	1.70	3.50	66.50	2	21.0	6	3	1			31.20	1,794.00		
D1109	15.69	97	26	11.40	2.80	10.80	6.70	15.50	23.90	30.60	4.90	0.60	1.60	2.80	37.90	2	26.0	8	3	1					15.69	480.11
D1110	27.81	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					27.81	0.00
D1112	14.66	75	25U	16.30	4.00	9.20	7.00	19.10	29.50	36.50	5.20	2.20	2.20	5.50	48.00	1	40.0	13	3	1					14.66	535.09
D1114	3.58	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.58	0.00
D1115	12.96	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					12.96	0.00
D1116	1.02	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.02	0.00
E0606	3.01	82	26	32.20	9.00	27.50	19.50	9.70	15.00	34.50	2.50	1.40	2.30	5.00	49.50	2	27.0	9	3	1					3.01	103.85
E0709	0.73	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.73	0.00
E0713	2.19	85	25	12.90	3.90	11.20	9.40	14.20	21.70	31.10	7.60	8.50	3.80	11.70	48.90	5	27.0	33	3	1					2.19	68.11
	139.96																				**0.00**	**0.00**	**58.31**	**3,190.17**	**81.65**	**1,187.16**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PROJECT REMOVALS

Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
D1008	Scout Leaders Course - Heavy Maneuver (PN 69743)			0.01	0.58		
D1112						0.09	3.29
D1114						0.01	0.00
PROJECT TOTALS		**0.00**	**0.00**	**0.01**	**0.58**	**0.10**	**3.29**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
0.00	**0.00**	**58.30**	**3,189.59**	**81.55**	**1,183.87**

Suitable and Potentially Suitable	
Acres	BA
58.30	**3,189.59**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
139.85	**4,373.46**

Appendix E. Table 43. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D11-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D0142	1.49	52	25	11.60	3.50	17.60	13.00	15.20	22.00	35.00	5.50	4.90	1.10	5.00	45.50	5	22.0	3	1	1.49	52.15				
D0144	5.18	67	31U	10.70	3.00	17.60	13.00	11.90	17.00	30.00	0.00	0.00	0.00	0.00	33.00	1	26.0	3	1	5.18	155.40				
D1102	10.87	94	26	27.30	7.50	17.90	13.50	25.60	38.00	51.50	9.70	3.80	2.60	6.50	69.00	5	23.0	3	1	10.87	559.81				
D1106	14.50	94	26	31.70	8.70	17.50	12.70	5.50	7.30	20.00	23.20	9.20	0.70	6.60	44.00	5	27.0	3	1					14.50	290.00
D1107	22.26	84	26	14.00	4.50	8.50	6.00	29.80	51.50	57.50	3.10	0.60	1.70	3.50	66.50	2	21.0	3	1	22.26	1,279.95				
D1108	9.17	84	26	14.00	4.50	8.50	6.00	29.80	51.50	57.50	3.10	0.60	1.70	3.50	66.50	2	21.0	3	1	9.17	527.28				
E0602	16.31	82	26	41.30	9.00	10.30	8.00	18.50	30.50	38.50	0.00	0.00	0.30	0.50	48.00	1	20.0	3	1	16.31	627.94				
E0603	30.74	61	25	21.70	6.10	26.90	19.40	14.00	20.60	40.00	4.70	2.50	3.90	7.80	55.60	2	28.0	3	1	30.74	1,229.60				
E0606	15.37	82	26	32.20	9.00	27.50	19.50	9.70	15.00	34.50	2.50	1.40	2.30	5.00	49.50	2	27.0	3	1	15.37	530.27				
E0713	0.10	85	25	12.90	3.90	11.20	9.40	14.20	21.70	31.10	7.60	8.50	3.80	11.70	48.90	5	27.0	3	1			0.10	3.11		
E0736	0.09	18	21P	25.30	5.00	14.70	10.00	8.50	15.00	25.00	18.70	6.00	4.30	12.00	46.50	2	41.0	3	1					0.09	2.25
	126.08																			**111.39**	**4,962.40**	**0.10**	**3.11**	**14.59**	**292.25**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These

PROJECT REMOVALS

Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
D1107	Scout Leaders Course - Heavy Maneuver (PN 69743)	0.02	1.15				
D1108		0.03	1.73				
E0602		0.05	1.93				
E0603		0.06	2.40				
E0606		0.04	1.38				
PROJECT TOTALS		**0.20**	**8.59**	**0.00**	**0.00**	**0.00**	**0.00**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
111.19	**4,953.81**	**0.10**	**3.11**	**14.59**	**292.25**

Suitable and Potentially Suitable

Acres	BA
111.29	**4,956.92**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
125.88	**5,249.17**

Appendix E. Table 44. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D11-B, Fort Benning,** Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre						Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D0142	1.49	52	25	11.60	3.50	17.60	13.00	15.20	22.00	35.00	5.50	4.90	1.10	5.00	45.50	5	22.0	15	3	1					1.49	52.15
D0144	5.18	67	31U	10.70	3.00	17.60	13.00	11.90	17.00	30.00	0.00	0.00	0.00	0.00	33.00	1	26.0	0	3	1					5.18	155.40
D1102	10.87	94	26	27.30	7.50	17.90	13.50	25.60	38.00	51.50	9.70	3.80	2.60	6.50	69.00	5	23.0	13	3	1			10.87	559.81		
D1106	14.50	94	26	31.70	8.70	17.50	12.70	5.50	7.30	20.00	23.20	9.20	0.70	6.60	44.00	5	27.0	30	3	1					14.50	290.00
D1107	22.26	84	26	14.00	4.50	8.50	6.00	29.80	51.50	57.50	3.10	0.60	1.70	3.50	66.50	2	21.0	6	3	1			22.26	1,279.95		
D1108	9.17	84	26	14.00	4.50	8.50	6.00	29.80	51.50	57.50	3.10	0.60	1.70	3.50	66.50	2	21.0	6	3	1			9.17	527.28		
E0602	16.31	82	26	41.30	9.00	10.30	8.00	18.50	30.50	38.50	0.00	0.00	0.30	0.50	48.00	1	20.0	1	3	1					16.31	627.94
E0603	30.74	61	25	21.70	6.10	26.90	19.40	14.00	20.60	40.00	4.70	2.50	3.90	7.80	55.60	2	28.0	14	3	1					30.74	1,229.60
E0606	15.37	82	26	32.20	9.00	27.50	19.50	9.70	15.00	34.50	2.50	1.40	2.30	5.00	49.50	2	27.0	9	3	1					15.37	530.27
E0713	0.10	85	25	12.90	3.90	11.20	9.40	14.20	21.70	31.10	7.60	8.50	3.80	11.70	48.90	5	27.0	33	3	1					0.10	3.11
E0736	0.09	18	21P	25.30	5.00	14.70	10.00	8.50	15.00	25.00	18.70	6.00	4.30	12.00	46.50	2	41.0	31	3	1					0.09	2.25
	126.08																				**0.00**	**0.00**	**42.30**	**2,367.04**	**83.78**	**2,890.72**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PROJECT REMOVALS

Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
D1107	Scout Leaders Course - Heavy Maneuver (PN 69743)			0.02	1.15		
D1108				0.03	1.73		
E0602						0.05	1.93
E0603						0.06	2.40
E0606						0.04	1.38
	TOTALS	**0.00**	**0.00**	**0.05**	**2.88**	**0.15**	**5.71**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
0.00	**0.00**	**42.25**	**2,364.16**	**83.63**	**2,885.01**

Suitable and Potentially Suitable	
Acres	BA
42.25	**2,364.16**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
125.88	**5,249.17**

Appendix E. Table 45. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D12-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D1109	0.66	97	26	11.40	2.80	10.80	6.70	15.50	23.90	30.60	4.90	0.60	1.60	2.80	37.90	2	26.0	3	1	0.66	20.20				
D1111	12.64	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					12.64	0.00
D1114	0.90	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.90	0.00
D1219	5.18	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.18	0.00
D1220	11.07	99	26	54.10	15.50	14.30	9.10	7.10	12.70	21.80	10.40	0.00	1.60	1.80	41.80	2	30.0	3	1					11.07	241.33
D1222	0.70	37	25	129.00	36.20	23.00	15.40	4.80	6.90	22.30	11.50	5.60	2.90	10.00	71.60	8	28.0	3	1					0.70	15.61
D1223	0.40	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.40	0.00
D1226	9.91	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					9.91	0.00
D1228	12.63	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					12.63	0.00
D1229	43.23	88	25	18.90	5.50	8.40	6.00	10.00	18.00	24.00	14.80	1.30	1.10	3.50	37.50	8	34.0	3	1					43.23	1,037.52
D1230	8.22	85	25	79.40	23.00	18.60	12.00	8.00	11.00	23.00	14.50	1.50	3.00	7.00	58.00	3	28.0	3	1					8.22	189.06
D1233	2.22	79	25	7.10	1.50	9.30	7.70	18.10	34.60	42.30	2.00	4.10	4.90	11.50	56.10	6	36.0	3	1			2.22	93.91		
D1304	3.68	61	31U	28.10	7.00	18.00	14.00	12.90	18.50	32.50	4.50	4.00	1.60	5.00	46.00	5	22.0	3	1	3.68	119.60				
D1306	1.48	19	31	172.70	35.00	4.90	3.30	0.50	1.70	5.00	0.00	0.00	1.10	1.70	41.70	4	12.0	3	1					1.48	7.40
	112.92																			**4.34**	**139.80**	**2.22**	**93.91**	**106.36**	**1,490.92**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PROJECT REMOVALS

Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
D1111	Scout Leaders Course - Heavy Maneuver (PN 69743)					0.67	0.00
D1114						0.61	0.00
D1219						1.14	0.00
D1226						0.31	0.00
D1228						1.45	0.00
D1229						0.28	6.72
D1304		3.60	117.00				
D1306						0.32	1.60
PROJECT TOTALS		**3.60**	**117.00**	**0.00**	**0.00**	**4.78**	**8.32**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
D1219					4.04	0.00
D1226					9.60	0.00
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**13.64**	**0.00**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
0.74	**22.80**	**2.22**	**93.91**	**87.94**	**1,482.60**

Suitable and Potentially Suitable

Acres	BA
2.96	**116.71**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
90.90	**1,599.31**

Appendix E. Table 46. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D12-A, Fort Benning,** Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
D1109	0.66	97	26	11.40	2.80	10.80	6.70	15.50	23.90	30.60	4.90	0.60	1.60	2.80	37.90	2	26.0	8	3	1					0.66	20.20
D1111	12.64	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					12.64	0.00
D1114	0.90	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.90	0.00
D1219	5.18	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.18	0.00
D1220	11.07	99	26	54.10	15.50	14.30	9.10	7.10	12.70	21.80	10.40	0.00	1.60	1.80	41.80	2	30.0	7	3	1					11.07	241.33
D1222	0.70	37	25	129.00	36.20	23.00	15.40	4.80	6.90	22.30	11.50	5.60	2.90	10.00	71.60	8	28.0	23	3	1					0.70	15.61
D1223	0.40	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.40	0.00
D1226	9.91	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					9.91	0.00
D1228	12.63	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					12.63	0.00
D1229	43.23	88	25	18.90	5.50	8.40	6.00	10.00	18.00	24.00	14.80	1.30	1.10	3.50	37.50	8	34.0	12	3	1					43.23	1,037.52
D1230	8.22	85	25	79.40	23.00	18.60	12.00	8.00	11.00	23.00	14.50	1.50	3.00	7.00	58.00	3	28.0	14	3	1					8.22	189.06
D1233	2.22	79	25	7.10	1.50	9.30	7.70	18.10	34.60	42.30	2.00	4.10	4.90	11.50	56.10	6	36.0	25	3	1			2.22	93.91		
D1304	3.68	61	31U	28.10	7.00	18.00	14.00	12.90	18.50	32.50	4.50	4.00	1.60	5.00	46.00	5	22.0	15	3	1					3.68	119.60
D1306	1.48	19	31	172.70	35.00	4.90	3.30	0.50	1.70	5.00	0.00	0.00	1.10	1.70	41.70	4	12.0	17	3	1					1.48	7.40
	112.92																				**0.00**	**0.00**	**2.22**	**93.91**	**110.70**	**1,630.72**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PROJECT REMOVALS

Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
D1111						0.67	0.00
D1114						0.61	0.00
D1219						1.14	0.00
D1226	Scout Leaders Course - Heavy Maneuver (PN 69743)					0.31	0.00
D1228						1.45	0.00
D1229						0.28	6.72
D1304						3.60	117.00
D1306						0.32	1.60
PROJECT TOTALS		**0.00**	**0.00**	**0.00**	**0.00**	**8.38**	**125.32**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
D1219					4.04	0.00
D1226					9.60	0.00
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**13.64**	**0.00**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
0.00	**0.00**	**2.22**	**93.91**	**88.68**	**1,505.40**

Suitable and Potentially Suitable	
Acres	BA
2.22	**93.91**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
90.90	**1,599.31**

Appendix E. Table 47. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D13-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D1221	3.52	28	25	42.60	12.20	19.00	12.20	8.60	11.10	23.30	2.80	6.30	0.40	5.50	42.10	5	26.0	3	1					3.52	82.02
D1223	0.30	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.30	0.00
D1233	10.86	79	25	7.10	1.50	9.30	7.70	18.10	34.60	42.30	2.00	4.10	4.90	11.50	56.10	6	36.0	3	1			10.86	459.38		
D1235	19.69	60	10	23.20	6.00	21.20	14.50	7.90	11.50	26.00	4.60	4.30	6.10	12.00	45.50	5	20.0	3	1					19.69	511.94
D1236	2.66	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.66	0.00
D1238	15.16	63	25	1.20	0.50	6.00	4.20	14.50	21.60	25.80	2.90	2.60	1.20	3.70	31.10	2	20.0	3	1					15.16	391.13
D1304	0.69	61	31U	28.10	7.00	18.00	14.00	12.90	18.50	32.50	4.50	4.00	1.60	5.00	46.00	5	22.0	3	1	0.69	22.43				
D1306	0.08	19	31	172.70	35.00	4.90	3.30	0.50	1.70	5.00	0.00	0.00	1.10	1.70	41.70	4	12.0	3	1					0.08	0.40
D1308	23.11	77	25	12.90	3.50	10.20	7.50	15.40	28.00	35.50	9.90	2.70	2.40	5.50	47.00	2	30.0	3	1	23.11	820.41				
D1310	18.71	70	25	2.20	0.50	5.60	4.20	21.00	32.60	36.80	2.20	3.90	2.20	6.90	45.30	4	29.0	3	1	18.71	688.53				
D1312	9.59	26	25	93.00	22.70	21.10	13.60	7.20	10.90	24.50	26.50	3.20	0.60	2.70	57.20	4	26.0	3	1					9.59	234.96
D1317	35.54	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					35.54	0.00
D1318	5.24	19	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.24	0.00
D1319	21.12	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					21.12	0.00
D1320	85.55	69	25	21.40	6.50	7.40	5.50	14.40	25.00	30.50	10.50	0.70	1.80	3.50	43.00	4	34.0	3	1	85.55	2,609.28				
D1322	2.36	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.36	0.00
D1432	2.27	62	10	73.20	20.60	11.70	7.80	4.90	8.90	16.70	5.70	5.40	3.50	8.90	48.40	6	26.0	3	1					2.27	37.91
D1441	5.24	59	25	26.20	6.90	9.80	6.90	14.40	21.50	28.40	8.70	1.10	3.40	7.00	45.40	5	22.0	3	1					5.24	148.82
D1701	9.93	19	21P	356.80	92.00	18.50	12.00	0.00	0.00	12.00	0.00	0.00	1.50	2.00	106.00	7	3.0	3	1					9.93	119.16
D1703	5.97	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.97	0.00
D1704	1.73	48	25	68.40	18.50	16.00	11.50	4.50	5.50	17.00	2.50	0.00	0.40	1.00	37.50	1	35.0	3	1					1.73	29.41
D1705	1.72	86	25	13.00	4.00	7.20	6.00	8.10	12.00	18.00	0.00	0.00	3.20	4.00	26.00	2	24.0	3	1					1.72	30.96
D1706	0.40	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.40	0.00
D1710	9.56	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					9.56	0.00
	291.00																			**128.06**	**4,140.65**	**10.86**	**459.38**	**152.08**	**1,586.71**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	D1233	Scout Leaders Course - Heavy Maneuver (PN 69743)			0.02	0.85		
	D1235						0.22	5.72
	D1238						0.03	0.77
	D1308		0.06	2.13				
	D1441						0.09	2.56
		PROJECT TOTALS	**0.06**	**2.13**	**0.02**	**0.85**	**0.34**	**9.05**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	D1223					0.30	0.00
	D1304	0.69	22.43				
	D1710					9.56	0.00
	TOTALS	**0.69**	**22.43**	**0.00**	**0.00**	**9.86**	**0.00**

	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
BASELINE TOTALS	**127.31**	**4,116.09**	**10.84**	**458.53**	**141.88**	**1,577.66**

Suitable and Potentially Suitable

Acres	BA
138.15	**4,574.62**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
280.03	**6,152.28**

Appendix E. Table 48. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D13-A,** Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D1221	3.52	28	25	42.60	12.20	19.00	12.20	8.60	11.10	23.30	2.80	6.30	0.40	5.50	42.10	5	26.0	20	3	1					3.52	82.02
D1223	0.30	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.30	0.00
D1233	10.86	79	25	7.10	1.50	9.30	7.70	18.10	34.60	42.30	2.00	4.10	4.90	11.50	56.10	6	36.0	25	3	1			10.86	459.38		
D1235	19.69	60	10	23.20	6.00	21.20	14.50	7.90	11.50	26.00	4.60	4.30	6.10	12.00	45.50	5	20.0	26	3	1					19.69	511.94
D1236	2.66	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.66	0.00
D1238	15.16	63	25	1.20	0.50	6.00	4.20	14.50	21.60	25.80	2.90	2.60	1.20	3.70	31.10	2	20.0	16	3	1					15.16	391.13
D1304	0.69	61	31U	28.10	7.00	18.00	14.00	12.90	18.50	32.50	4.50	4.00	1.60	5.00	46.00	5	22.0	15	3	1					0.69	22.43
D1306	0.08	19	31	172.70	35.00	4.90	3.30	0.50	1.70	5.00	0.00	0.00	1.10	1.70	41.70	4	12.0	17	3	1					0.08	0.40
D1308	23.11	77	25	12.90	3.50	10.20	7.50	15.40	28.00	35.50	9.90	2.70	2.40	5.50	47.00	2	30.0	17	3	1					23.11	820.41
D1310	18.71	70	25	2.20	0.50	5.60	4.20	21.00	32.60	36.80	2.20	3.90	2.20	6.90	45.30	4	29.0	19	3	1					18.71	688.53
D1312	9.59	26	25	93.00	22.70	21.10	13.60	7.20	10.90	24.50	26.50	3.20	0.60	2.70	57.20	4	26.0	12	3	1					9.59	234.96
D1317	35.54	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					35.54	0.00
D1318	5.24	19	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.24	0.00
D1319	21.12	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					21.12	0.00
D1320	85.55	69	25	21.40	6.50	7.40	5.50	14.40	25.00	30.50	10.50	0.70	1.80	3.50	43.00	4	34.0	10	3	1					85.55	2,609.28
D1322	2.36	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.36	0.00
D1432	2.27	62	10	73.20	20.60	11.70	7.80	4.90	8.90	16.70	5.70	5.40	3.50	8.90	48.40	6	26.0	35	3	1					2.27	37.91
D1441	5.24	59	25	26.20	6.90	9.80	6.90	14.40	21.50	28.40	8.70	1.10	3.40	7.00	45.40	5	22.0	16	3	1					5.24	148.82
D1701	9.93	19	21P	356.80	92.00	18.50	12.00	0.00	0.00	12.00	0.00	0.00	1.50	2.00	106.00	7	3.0	8	3	1					9.93	119.16
D1703	5.97	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.97	0.00
D1704	1.73	48	25	68.40	18.50	16.00	11.50	4.50	5.50	17.00	2.50	0.00	0.40	1.00	37.50	1	35.0	2	3	1					1.73	29.41
D1705	1.72	86	25	13.00	4.00	7.20	6.00	8.10	12.00	18.00	0.00	0.00	3.20	4.00	26.00	2	24.0	17	3	1					1.72	30.96
D1706	0.40	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.40	0.00
D1710	9.56	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					9.56	0.00
	291.00																				**0.00**	**0.00**	**10.86**	**459.38**	**280.14**	**5,727.36**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PROJECT REMOVALS

Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
D1233	Scout Leaders Course - Heavy Maneuver (PN 69743)			0.02	0.85		
D1235						0.22	5.72
D1238						0.03	0.77
D1308						0.06	2.13
D1441						0.09	2.56
PROJECT TOTALS		**0.00**	**0.00**	**0.02**	**0.85**	**0.40**	**11.18**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
D1223					0.30	0.00
D1304					0.69	22.43
D1710					9.56	0.00
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**10.55**	**22.43**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
0.00	**0.00**	**10.84**	**458.53**	**269.19**	**5,693.75**

Suitable and Potentially Suitable

Acres	BA
10.84	**458.53**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
280.03	**6,152.28**

Appendix E. Table 49. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D14-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D0816	2.41	53	26	43.80	11.50	27.80	18.50	17.00	26.00	44.50	2.50	0.00	4.20	5.50	62.00	1	26.0	3	1	2.41	107.25				
D1411	3.63	63	25	67.00	19.00	6.90	4.50	8.90	13.00	17.50	18.90	2.40	4.00	8.00	49.50	7	23.0	3	1					3.63	63.53
D1413	15.84	63	26	49.40	14.00	20.30	14.50	9.00	13.50	28.00	4.10	0.80	3.40	5.50	49.00	4	22.0	3	1					15.84	443.52
D1414	10.70	77	26	27.80	6.40	12.50	9.10	6.20	10.00	19.10	0.00	3.00	2.70	7.20	32.70	5	14.0	3	1					10.70	204.37
D1416	8.28	53	26	55.40	15.00	10.40	7.00	18.40	31.50	38.50	4.20	0.00	0.00	0.00	54.50	4	24.0	3	1	8.28	318.78				
D1417	7.92	70	10	61.80	16.50	7.50	5.00	9.30	14.00	19.00	7.90	5.40	2.50	8.00	46.00	6	30.0	3	1					7.92	150.48
D1418	3.90	11	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.90	0.00
D1419	20.13	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					20.13	0.00
D1421	0.73	57	26	16.10	4.00	15.50	10.50	26.30	38.00	48.50	2.20	0.00	0.90	1.50	54.50	6	30.0	3	1			0.73	35.41		
D1424	18.46	42	25	63.10	19.40	26.10	18.30	12.00	15.60	33.90	5.30	1.70	0.70	2.20	57.20	3	32.0	3	1	18.46	625.79				
D1425	7.46	20	31P	390.50	90.00	13.30	10.00	1.40	1.40	11.40	17.80	3.40	0.90	4.30	110.00	6	23.0	3	1					7.46	85.04
D1426	19.07	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					19.07	0.00
D1427	30.29	83	26	19.70	5.00	18.10	13.00	23.30	35.00	48.00	6.10	2.40	2.80	5.50	60.00	6	30.0	3	1			30.29	1453.92		
D1428	21.42	49	26	49.90	12.00	21.60	14.50	15.60	25.50	40.00	9.90	1.40	1.80	4.00	58.50	2	32.0	3	1	21.42	856.80				
D1429	26.36	70	25	26.00	7.00	10.80	7.00	17.40	33.00	40.00	18.10	4.20	3.50	8.00	59.50	6	32.0	3	1			26.36	1054.40		
D1431	3.64	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.64	0.00
D1432	4.43	62	10	73.20	20.60	11.70	7.80	4.90	8.90	16.70	5.70	5.40	3.50	8.90	48.40	6	26.0	3	1					4.43	73.98
D1434	7.06	70	26	58.10	13.00	13.20	9.00	7.90	11.00	20.00	12.70	3.70	2.30	6.00	42.50	8	30.0	3	1					7.06	141.20
D1435	10.20	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					10.20	0.00
D1439	1.29	11	21P	24.60	6.00	10.90	8.50	3.10	4.50	13.00	0.00	1.40	0.00	1.00	20.00	6	48.0	3	1					1.29	16.77
D1447	1.01	70	26	40.30	10.00	6.40	5.00	8.50	13.30	18.30	0.00	0.00	0.00	0.00	28.30	8	33.0	3	1					1.01	18.48
	224.23																			**50.57**	**1,908.62**	**57.38**	**2,543.73**	**116.28**	**1,197.37**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
ND = No data taken

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	D0816	Scout Leaders Course - Heavy Maneuver (PN 69743)	1.16	51.62				
	D1413						0.19	5.32
	D1414						0.04	0.76
	D1432						0.14	2.34
	PROJECT TOTALS		**1.16**	**51.62**	**0.00**	**0.00**	**0.37**	**8.42**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	D1421			0.73	35.41		
	TOTALS	**0.00**	**0.00**	**0.73**	**35.41**	**0.00**	**0.00**

	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
BASELINE TOTALS	**49.41**	**1,857.00**	**56.65**	**2,508.32**	**115.91**	**1,188.95**

Suitable and Potentially Suitable	
Acres	BA
106.06	**4,365.32**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
221.97	**5,554.27**

Appendix E. Table 50. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D14-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D0816	2.41	53	26	43.80	11.50	27.80	18.50	17.00	26.00	44.50	2.50	0.00	4.20	5.50	62.00	1	26.0	9	3	1					2.41	107.25
D1411	3.63	63	25	67.00	19.00	6.90	4.50	8.90	13.00	17.50	18.90	2.40	4.00	8.00	49.50	7	23.0	29	3	1					3.63	63.53
D1413	15.84	63	26	49.40	14.00	20.30	14.50	9.00	13.50	28.00	4.10	0.80	3.40	5.50	49.00	4	22.0	13	3	1					15.84	443.52
D1414	10.70	77	26	27.80	6.40	12.50	9.10	6.20	10.00	19.10	0.00	3.00	2.70	7.20	32.70	5	14.0	23	3	1					10.70	204.37
D1416	8.28	53	26	55.40	15.00	10.40	7.00	18.40	31.50	38.50	4.20	0.00	0.00	0.00	54.50	4	24.0	0	3	1					8.28	318.78
D1417	7.92	70	10	61.80	16.50	7.50	5.00	9.30	14.00	19.00	7.90	5.40	2.50	8.00	46.00	6	30.0	32	3	1					7.92	150.48
D1418	3.90	11	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.90	0.00
D1419	20.13	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					20.13	0.00
D1421	0.73	57	26	16.10	4.00	15.50	10.50	26.30	38.00	48.50	2.20	0.00	0.90	1.50	54.50	6	30.0	2	3	1					0.73	35.41
D1424	18.46	42	25	63.10	19.40	26.10	18.30	12.00	15.60	33.90	5.30	1.70	0.70	2.20	57.20	3	32.0	6	3	1					18.46	625.79
D1425	7.46	20	31P	390.50	90.00	13.30	10.00	1.40	1.40	11.40	17.80	3.40	0.90	4.30	110.00	6	23.0	23	3	1					7.46	85.04
D1426	19.07	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					19.07	0.00
D1427	30.29	83	26	19.70	5.00	18.10	13.00	23.30	35.00	48.00	6.10	2.40	2.80	5.50	60.00	6	30.0	11	3	1			30.29	1453.92		
D1428	21.42	49	26	49.90	12.00	21.60	14.50	15.60	25.50	40.00	9.90	1.40	1.80	4.00	58.50	2	32.0	8	3	1					21.42	856.80
D1429	26.36	70	25	26.00	7.00	10.80	7.00	17.40	33.00	40.00	18.10	4.20	3.50	8.00	59.50	6	32.0	21	3	1					26.36	1,054.40
D1431	3.64	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.64	0.00
D1432	4.43	62	10	73.20	20.60	11.70	7.80	4.90	8.90	16.70	5.70	5.40	3.50	8.90	48.40	6	26.0	35	3	1					4.43	73.98
D1434	7.06	70	26	58.10	13.00	13.20	9.00	7.90	11.00	20.00	12.70	3.70	2.30	6.00	42.50	8	30.0	22	3	1					7.06	141.20
D1435	10.20	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					10.20	0.00
D1439	1.29	11	21P	24.60	6.00	10.90	8.50	3.10	4.50	13.00	0.00	1.40	0.00	1.00	20.00	6	48.0	9	3	1					1.29	16.77
D1447	1.01	70	26	40.30	10.00	6.40	5.00	8.50	13.30	18.30	0.00	0.00	0.00	0.00	28.30	8	33.0	0	3	1					1.01	18.48
	224.23																				**0.00**	**0.00**	**30.29**	**1,453.92**	**193.94**	**4,195.80**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
ND = No data taken

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	D0816	Scout Leaders Course - Heavy Maneuver (PN 69743)					1.16	51.62
	D1413						0.19	5.32
	D1414						0.04	0.76
	D1432						0.14	2.34
		PROJECT TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**1.53**	**60.04**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	D1421					0.73	35.41
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.73**	**35.41**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
0.00	**0.00**	**30.29**	**1,453.92**	**191.68**	**4,100.35**

Suitable and Potentially Suitable	
Acres	BA
30.29	**1,453.92**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
221.97	**5,554.27**

Appendix E. Table 51. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D14-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D1225	0.98	28	25	122.10	31.00	11.70	7.50	6.00	7.50	15.00	5.80	1.80	0.40	2.00	49.50	2	32.0	3	1					0.98	14.70
D1238	1.33	63	25	1.20	0.50	6.00	4.20	14.50	21.60	25.80	2.90	2.60	1.20	3.70	31.10	2	20.0	3	1					1.33	34.31
D1312	1.16	26	25	93.00	22.70	21.10	13.60	7.20	10.90	24.50	26.50	3.20	0.60	2.70	57.20	4	26.0	3	1					1.16	28.42
D1430	3.52	80	26U	23.00	6.00	1.00	0.50	12.10	23.50	24.00	6.30	2.60	4.20	10.50	42.50	2	30.0	3	1					3.52	84.48
D1432	10.48	62	10	73.20	20.60	11.70	7.80	4.90	8.90	16.70	5.70	5.40	3.50	8.90	48.40	6	26.0	3	1					10.48	175.02
D1433	3.08	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.08	0.00
D1434	13.60	70	26	58.10	13.00	13.20	9.00	7.90	11.00	20.00	12.70	3.70	2.30	6.00	42.50	8	30.0	3	1					13.60	272.00
D1435	0.42	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.42	0.00
D1438	6.77	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.77	0.00
D1439	21.61	11	21P	24.60	6.00	10.90	8.50	3.10	4.50	13.00	0.00	1.40	0.00	1.00	20.00	6	48.0	3	1					21.61	280.93
D1441	7.56	59	25	26.20	6.90	9.80	6.90	14.40	21.50	28.40	8.70	1.10	3.40	7.00	45.40	5	22.0	3	1					7.56	214.70
D1442	6.49	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.49	0.00
D1443	13.89	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					13.89	0.00
D1444	12.97	70	32U	107.80	26.00	17.40	12.00	8.10	12.00	24.00	0.00	0.00	0.00	0.00	50.00	1	30.0	3	1					12.97	311.28
D1447	5.37	70	26	40.30	10.00	6.40	5.00	8.50	13.30	18.30	0.00	0.00	0.00	0.00	28.30	8	33.0	3	1					5.37	98.27
D1509	0.12	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.12	0.00
D1514	13.50	100	25U	25.40	6.00	5.30	4.00	15.00	25.00	29.00	6.60	5.60	1.50	6.50	43.50	2	40.0	3	1					13.50	391.50
D1518	21.37	73	25	29.20	6.00	7.70	5.50	8.30	13.00	18.50	13.40	3.30	0.90	3.50	32.00	6	26.0	3	1					21.37	395.35
D1522	3.40	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.40	0.00
D1523	23.29	52	25	59.30	17.00	20.70	14.50	9.70	13.50	28.00	23.70	5.80	0.70	5.50	58.00	2	29.0	3	1					23.29	652.12
D1524	2.54	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.54	0.00
D1526	2.41	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.41	0.00
D1529	3.06	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.06	0.00
D1531	1.36	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.36	0.00
D1533	3.04	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.04	0.00
D1534	9.38	43	25	56.40	13.00	7.60	5.00	4.50	5.50	10.50	31.30	2.70	4.20	9.00	40.50	1	24.0	3	1					9.38	98.49
D1704	2.78	48	25	68.40	18.50	16.00	11.50	4.50	5.50	17.00	2.50	0.00	0.40	1.00	37.50	1	35.0	3	1					2.78	47.26
	195.48																			**0.00**	**0.00**	**0.00**	**0.00**	**195.48**	**3,098.83**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
32 = Shortleaf Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	D1430	Scout Leaders Course - Heavy Maneuver (PN 69743)					0.84	20.16
	D1444						0.15	3.60
	D1509						0.11	0.00
	D1514						0.21	6.09
	D1533						0.05	0.00
		PROJECT TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**1.36**	**29.85**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	D1225					0.98	14.70
	D1238					1.33	34.31
	D1432					10.48	175.02
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**12.79**	**224.03**

	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
BASELINE TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**181.33**	**2,844.95**

Suitable and Potentially Suitable	
Acres	BA
0.00	**0.00**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
181.33	**2,844.95**

Appendix E. Table 52. Red-cockaded woodpecker foraging habitat totals and habitat removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D14-B,** Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D1225	0.98	28	25	122.10	31.00	11.70	7.50	6.00	7.50	15.00	5.80	1.80	0.40	2.00	49.50	2	32.0	11	3	1					0.98	14.70
D1238	1.33	63	25	1.20	0.50	6.00	4.20	14.50	21.60	25.80	2.90	2.60	1.20	3.70	31.10	2	20.0	16	3	1					1.33	34.31
D1312	1.16	26	25	93.00	22.70	21.10	13.60	7.20	10.90	24.50	26.50	3.20	0.60	2.70	57.20	4	26.0	12	3	1					1.16	28.42
D1430	3.52	80	26U	23.00	6.00	1.00	0.50	12.10	23.50	24.00	6.30	2.60	4.20	10.50	42.50	2	30.0	34	3	1					3.52	84.48
D1432	10.48	62	10	73.20	20.60	11.70	7.80	4.90	8.90	16.70	5.70	5.40	3.50	8.90	48.40	6	26.0	35	3	1					10.48	175.02
D1433	3.08	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.08	0.00
D1434	13.60	70	26	58.10	13.00	13.20	9.00	7.90	11.00	20.00	12.70	3.70	2.30	6.00	42.50	8	30.0	22	3	1					13.60	272.00
D1435	0.42	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.42	0.00
D1438	6.77	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.77	0.00
D1439	21.61	11	21P	24.60	6.00	10.90	8.50	3.10	4.50	13.00	0.00	1.40	0.00	1.00	20.00	6	48.0	9	3	1					21.61	280.93
D1441	7.56	59	25	26.20	6.90	9.80	6.90	14.40	21.50	28.40	8.70	1.10	3.40	7.00	45.40	5	22.0	16	3	1					7.56	214.70
D1442	6.49	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.49	0.00
D1443	13.89	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					13.89	0.00
D1444	12.97	70	32U	107.80	26.00	17.40	12.00	8.10	12.00	24.00	0.00	0.00	0.00	0.00	50.00	1	30.0	0	3	1					12.97	311.28
D1447	5.37	70	26	40.30	10.00	6.40	5.00	8.50	13.30	18.30	0.00	0.00	0.00	0.00	28.30	8	33.0	0	3	1					5.37	98.27
D1509	0.12	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.12	0.00
D1514	13.50	100	25U	25.40	6.00	5.30	4.00	15.00	25.00	29.00	6.60	5.60	1.50	6.50	43.50	2	40.0	26	3	1					13.50	391.50
D1518	21.37	73	25	29.20	6.00	7.70	5.50	8.30	13.00	18.50	13.40	3.30	0.90	3.50	32.00	6	26.0	21	3	1					21.37	395.35
D1522	3.40	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.40	0.00
D1523	23.29	52	25	59.30	17.00	20.70	14.50	9.70	13.50	28.00	23.70	5.80	0.70	5.50	58.00	2	29.0	18	3	1					23.29	652.12
D1524	2.54	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.54	0.00
D1526	2.41	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.41	0.00
D1529	3.06	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.06	0.00
D1531	1.36	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.36	0.00
D1533	3.04	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.04	0.00
D1534	9.38	43	25	56.40	13.00	7.60	5.00	4.50	5.50	10.50	31.30	2.70	4.20	9.00	40.50	1	24.0	36	3	1					9.38	98.49
D1704	2.78	48	25	68.40	18.50	16.00	11.50	4.50	5.50	17.00	2.50	0.00	0.40	1.00	37.50	1	35.0	2	3	1					2.78	47.26
	195.48																				**0.00**	**0.00**	**0.00**	**0.00**	**195.48**	**3,098.83**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
32 = Shortleaf Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PROJECT REMOVALS

Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
D1430	Scout Leaders Course - Heavy Maneuver (PN 69743)					0.84	20.16
D1444						0.15	3.60
D1509						0.11	0.00
D1514						0.21	6.09
D1533						0.05	0.00
PROJECT TOTALS		**0.00**	**0.00**	**0.00**	**0.00**	**1.36**	**29.85**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
D1225					0.98	14.70
D1238					1.33	34.31
D1432					10.48	175.02
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**12.79**	**224.03**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
0.00	**0.00**	**0.00**	**0.00**	**181.33**	**2,844.95**

Suitable and Potentially Suitable	
Acres	BA
0.00	**0.00**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
181.33	**2,844.95**

Appendix E. Table 53. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D15-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D1417	13.50	70	10	61.80	16.50	7.50	5.00	9.30	14.00	19.00	7.90	5.40	2.50	8.00	46.00	6	30.0	3	1					13.50	256.50
D1421	15.93	57	26	16.10	4.00	15.50	10.50	26.30	38.00	48.50	2.20	0.00	0.90	1.50	54.50	6	30.0	3	1			15.93	772.61		
D1428	8.71	49	26	49.90	12.00	21.60	14.50	15.60	25.50	40.00	9.90	1.40	1.80	4.00	58.50	2	32.0	3	1	8.71	348.40				
D1430	24.65	80	26U	23.00	6.00	1.00	0.50	12.10	23.50	24.00	6.30	2.60	4.20	10.50	42.50	2	30.0	3	1					24.65	591.60
D1435	2.69	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.69	0.00
D1506	26.40	70	25U	7.10	1.50	3.10	2.50	15.60	29.00	31.50	10.80	3.90	3.50	8.50	44.00	1	2.0	3	1	26.40	831.60				
D1509	6.09	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.09	0.00
D1514	2.54	100	25U	25.40	6.00	5.30	4.00	15.00	25.00	29.00	6.60	5.60	1.50	6.50	43.50	2	40.0	3	1					2.54	73.66
D1604	15.62	90	10	16.40	4.00	4.40	3.50	18.90	42.00	45.50	44.00	9.60	3.70	12.00	72.00	6	4.0	3	1			15.62	710.71		
D1605	1.09	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.09	0.00
D1608	4.17	24	31P	442.60	110.00	5.00	2.50	0.00	0.00	2.50	17.20	0.00	0.00	0.00	117.50	1	0.0	3	1					4.17	10.43
D1610	7.44	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					7.44	0.00
D1611	8.92	18	31P	296.20	72.50	4.20	2.50	0.00	0.00	2.50	0.00	0.00	1.40	2.50	77.50	1	1.0	3	1					8.92	22.30
D1613	0.40	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.40	0.00
D1616	12.76	82	26	13.30	4.00	9.80	7.00	10.50	15.50	22.50	14.30	1.70	1.60	4.00	34.00	2	38.0	3	1					12.76	287.10
D1644	0.39	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.39	0.00
D1645	2.81	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.81	0.00
	151.30																			**35.11**	**1,180.00**	**31.55**	**1,483.32**	**87.45**	**1,241.59**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

	Stand	Project Name and Number	Suitable		Potentially Suitable		Future Potential	
			Acres	BA	Acres	BA	Acres	BA
PROJECT REMOVALS	D1430	Scout Leaders Course - Heavy Maneuver (PN 69743)					2.03	48.72
	D1506		0.02	0.63				
	D1509						4.28	0.00
	D1514						0.23	6.67
	D1604				2.32	105.56		
	D1608						4.17	10.43
	D1610						5.39	0.00
	D1611						0.10	0.25
	D1613						0.40	0.00
	D1616						8.21	184.73
	D1644						0.31	0.00
		PROJECT TOTALS	**0.02**	**0.63**	**2.32**	**105.56**	**25.12**	**250.80**

	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	D1604			13.30	605.15		
	TOTALS	**0.00**	**0.00**	**13.30**	**605.15**	**0.00**	**0.00**

	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
BASELINE TOTALS	**35.09**	**1,179.37**	**15.93**	**772.61**	**62.33**	**990.79**

Suitable and Potentially Suitable	
Acres	BA
51.02	**1,951.98**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
113.35	**2,942.77**

Appendix E. Table 54. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D15-A,** Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
D1417	13.50	70	10	61.80	16.50	7.50	5.00	9.30	14.00	19.00	7.90	5.40	2.50	8.00	46.00	6	30.0	32	3	1					13.50	256.50
D1421	15.93	57	26	16.10	4.00	15.50	10.50	26.30	38.00	48.50	2.20	0.00	0.90	1.50	54.50	6	30.0	2	3	1					15.93	772.61
D1428	8.71	49	26	49.90	12.00	21.60	14.50	15.60	25.50	40.00	9.90	1.40	1.80	4.00	58.50	2	32.0	8	3	1					8.71	348.40
D1430	24.65	80	26U	23.00	6.00	1.00	0.50	12.10	23.50	24.00	6.30	2.60	4.20	10.50	42.50	2	30.0	34	3	1					24.65	591.60
D1435	2.69	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.69	0.00
D1506	26.40	70	25U	7.10	1.50	3.10	2.50	15.60	29.00	31.50	10.80	3.90	3.50	8.50	44.00	1	2.0	28	3	1					26.40	831.60
D1509	6.09	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.09	0.00
D1514	2.54	100	25U	25.40	6.00	5.30	4.00	15.00	25.00	29.00	6.60	5.60	1.50	6.50	43.50	2	40.0	26	3	1					2.54	73.66
D1604	15.62	90	10	16.40	4.00	4.40	3.50	18.90	42.00	45.50	44.00	9.60	3.70	12.00	72.00	6	4.0	36	3	1			15.62	710.71		
D1605	1.09	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.09	0.00
D1608	4.17	24	31P	442.60	110.00	5.00	2.50	0.00	0.00	2.50	17.20	0.00	0.00	0.00	117.50	1	0.0	0	3	1					4.17	10.43
D1610	7.44	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					7.44	0.00
D1611	8.92	18	31P	296.20	72.50	4.20	2.50	0.00	0.00	2.50	0.00	0.00	1.40	2.50	77.50	1	1.0	25	3	1					8.92	22.30
D1613	0.40	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.40	0.00
D1616	12.76	82	26	13.30	4.00	9.80	7.00	10.50	15.50	22.50	14.30	1.70	1.60	4.00	34.00	2	38.0	14	3	1					12.76	287.10
D1644	0.39	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.39	0.00
D1645	2.81	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.81	0.00
	154.11																				**0.00**	**0.00**	**15.62**	**710.71**	**138.49**	**3,194.20**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	D1430	Scout Leaders Course - Heavy Maneuver (PN 69743)			2.32	105.56	2.03	48.72
	D1506						0.02	0.63
	D1509						4.28	0.00
	D1514						0.23	6.67
	D1604							
	D1608						4.17	10.43
	D1610						5.39	0.00
	D1611						0.10	0.25
	D1613						0.40	0.00
	D1616						8.21	184.73
	D1644						0.31	0.00
		PROJECT TOTALS	**0.00**	**0.00**	**2.32**	**105.56**	**25.14**	**251.43**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	D1604			13.30	605.15		
	TOTALS	**0.00**	**0.00**	**13.30**	**605.15**	**0.00**	**0.00**

BASELINE TOTALS	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
	0.00	**0.00**	**0.00**	**0.00**	**113.35**	**2,942.77**

Suitable and Potentially Suitable	
Acres	BA
0.00	**0.00**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
113.35	**2,942.77**

Appendix E. Table 55. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D19-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D1717	0.90	25	31P	311.60	98.00	37.60	22.00	0.00	0.00	22.00	9.30	0.00	0.00	0.00	122.00	1	11.0	3	1					0.90	19.80
D1719	5.15	57	10	45.10	13.30	10.90	7.80	5.90	9.40	17.20	10.60	9.20	6.00	15.00	48.80	6	27.0	3	1					5.15	88.58
D1722	1.49	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.49	0.00
D1723	1.24	71	10	33.40	8.50	10.60	8.00	10.50	15.50	23.50	22.40	8.20	7.00	17.50	56.50	7	18.0	3	1					1.24	29.14
D1814	0.17	65	25U	41.90	12.00	0.80	0.50	11.00	20.50	21.00	7.20	1.60	1.30	3.50	39.00	5	21.0	3	1					0.17	3.57
D1815	21.80	65	25	27.80	7.00	3.10	2.00	14.10	24.50	26.50	5.20	1.70	1.60	5.50	40.50	6	16.0	3	1					21.80	577.70
D1816	6.54	22	13	217.80	41.70	8.70	5.00	0.00	0.00	5.00	17.70	10.10	1.20	8.40	58.40	6	8.0	3	1					6.54	32.70
D1817	5.87	22	25	241.10	53.30	7.10	5.00	0.00	0.00	5.00	3.70	0.00	1.50	3.30	63.30	4	13.0	3	1					5.87	29.35
D1902	4.14	19	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					4.14	0.00
D1904	7.04	19	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					7.04	0.00
D1906	7.23	62	10	78.90	20.80	21.60	14.20	6.20	7.50	21.70	29.50	1.60	4.20	6.60	56.60	7	25.0	3	1					7.23	156.89
D1907	11.66	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					11.66	0.00
D1909	30.19	62	25	63.60	16.00	26.50	18.00	13.80	21.00	39.00	31.80	4.50	0.30	3.50	66.00	1	26.0	3	1	30.19	1,177.41				
D1911	2.25	19	10	139.00	30.00	21.30	12.90	4.90	7.10	20.00	9.70	3.50	1.60	5.80	57.20	6	23.0	3	1					2.25	45.00
D1912	9.17	19	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					9.17	0.00
D1914	5.48	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.48	0.00
D1917	9.62	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					9.62	0.00
D1918	30.71	90	25	33.40	9.50	14.10	10.00	17.40	23.50	33.50	8.50	4.80	0.70	4.50	50.50	1	32.0	3	1	30.71	1,028.79				
I0504	0.81	75	10	7.70	3.30	11.10	8.30	19.90	35.00	43.30	20.20	2.40	2.30	6.70	58.30	1	18.0	3	1	0.81	35.07				
I0505	8.78	75	26	23.10	7.50	23.80	17.50	14.00	18.00	35.50	2.70	1.40	0.30	1.50	45.50	1	31.0	3	1	8.78	311.69				
I0512	0.15	67	25	74.90	21.50	24.10	16.00	6.10	8.50	24.50	14.00	0.90	0.00	0.50	50.50	1	20.0	3	1					0.15	3.68
I0602	8.65	47	26	25.10	6.50	6.90	4.50	24.70	42.50	47.00	7.60	1.70	0.90	2.50	59.00	6	34.0	3	1			8.65	406.55		
	179.04																			**70.49**	**2,552.96**	**8.65**	**406.55**	**99.90**	**986.41**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

	Stand	Project Name and Number	Suitable		Potentially Suitable		Future Potential	
			Acres	BA	Acres	BA	Acres	BA
PROJECT REMOVALS	D1814	Scout Leaders Course - Heavy Maneuver (PN 69743)					0.17	3.57
	D1815						17.80	471.70
	D1816						3.96	19.80
	D1817						5.81	29.05
	D1906						7.23	156.89
	D1909		30.19	1,177.41				
	D1917						3.32	0.00
	D1718		0.43	14.41				
	I0504		0.33	14.29				
	I0505		0.72	25.56				
	I0602				1.36	63.92		
		PROJECT TOTALS	**31.67**	**1,231.67**	**1.36**	**63.92**	**38.29**	**681.01**

	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	D1717					0.90	19.80
	D1719					5.15	88.58
	D1722					1.49	0.00
	D1723					1.24	29.14
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**8.78**	**137.52**

	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
BASELINE TOTALS	**38.82**	**1,321.29**	**7.29**	**342.63**	**52.83**	**167.88**

Suitable and Potentially Suitable	
Acres	BA
46.11	**1,663.92**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
98.94	**1,831.80**

Appendix E. Table 56. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **D19-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D1717	0.90	25	31P	311.60	98.00	37.60	22.00	0.00	0.00	22.00	9.30	0.00	0.00	0.00	122.00	1	11.0	0	3	1					0.90	19.80
D1719	5.15	57	10	45.10	13.30	10.90	7.80	5.90	9.40	17.20	10.60	9.20	6.00	15.00	48.80	6	27.0	48	3	1					5.15	88.58
D1722	1.49	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.49	0.00
D1723	1.24	71	10	33.40	8.50	10.60	8.00	10.50	15.50	23.50	22.40	8.20	7.00	17.50	56.50	7	18.0	42	3	1					1.24	29.14
D1814	0.17	65	25U	41.90	12.00	0.80	0.50	11.00	20.50	21.00	7.20	1.60	1.30	3.50	39.00	5	21.0	20	3	1					0.17	3.57
D1815	21.80	65	25	27.80	7.00	3.10	2.00	14.10	24.50	26.50	5.20	1.70	1.60	5.50	40.50	6	16.0	16	3	1					21.80	577.70
D1816	6.54	22	13	217.80	41.70	8.70	5.00	0.00	0.00	5.00	17.70	10.10	1.20	8.40	58.40	6	8.0	57	3	1					6.54	32.70
D1817	5.87	22	25	241.10	53.30	7.10	5.00	0.00	0.00	5.00	3.70	0.00	1.50	3.30	63.30	4	13.0	17	3	1					5.87	29.35
D1902	4.14	19	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.14	0.00
D1904	7.04	19	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					7.04	0.00
D1906	7.23	62	10	78.90	20.80	21.60	14.20	6.20	7.50	21.70	29.50	1.60	4.20	6.60	56.60	7	25.0	17	3	1					7.23	156.89
D1907	11.66	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					11.66	0.00
D1909	30.19	62	25	63.60	16.00	26.50	18.00	13.80	21.00	39.00	31.80	4.50	0.30	3.50	66.00	1	26.0	11	3	1					30.19	1,177.41
D1911	2.25	19	10	139.00	30.00	21.30	12.90	4.90	7.10	20.00	9.70	3.50	1.60	5.80	57.20	6	23.0	16	3	1					2.25	45.00
D1912	9.17	19	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					9.17	0.00
D1914	5.48	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.48	0.00
D1917	9.62	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					9.62	0.00
D1918	30.71	90	25	33.40	9.50	14.10	10.00	17.40	23.50	33.50	8.50	4.80	0.70	4.50	50.50	1	32.0	15	3	1					30.71	1,028.79
I0504	0.81	75	10	7.70	3.30	11.10	8.30	19.90	35.00	43.30	20.20	2.40	2.30	6.70	58.30	1	18.0	13	3	1			0.81	35.07		
I0505	8.78	75	26	23.10	7.50	23.80	17.50	14.00	18.00	35.50	2.70	1.40	0.30	1.50	45.50	1	31.0	4	3	1					8.78	311.69
I0512	0.15	67	25	74.90	21.50	24.10	16.00	6.10	8.50	24.50	14.00	0.90	0.00	0.50	50.50	1	20.0	3	3	1					0.15	3.68
I0602	8.65	47	26	25.10	6.50	6.90	4.50	24.70	42.50	47.00	7.60	1.70	0.90	2.50	59.00	6	34.0	8	3	1					8.65	406.55
	179.04																				**0.00**	**0.00**	**0.81**	**35.07**	**178.23**	**3,910.85**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
10 = White Pine - Upland Hardwood
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	D1814	Scout Leaders Course - Heavy Maneuver (PN 69743)					0.17	3.57
	D1815						17.80	471.70
	D1816						3.96	19.80
	D1817						5.81	29.05
	D1906						7.23	156.89
	D1909						30.19	1,177.41
	D1917						3.32	0.00
	D1718						0.43	14.41
	I0504				0.33	14.29		
	I0505						0.72	25.56
	I0602						1.36	63.92
		PROJECT TOTALS	**0.00**	**0.00**	**0.33**	**14.29**	**70.99**	**1,962.31**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	D1717					0.90	19.80
	D1719					5.15	88.58
	D1722					1.49	0.00
	D1723					1.24	29.14
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**8.78**	**137.52**

	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
BASELINE TOTALS	**0.00**	**0.00**	**0.48**	**20.78**	**98.46**	**1,811.02**

Suitable and Potentially Suitable	
Acres	BA
0.48	**20.78**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
98.94	**1,831.80**

Appendix E. Table 57. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **E06-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D0117	4.55	53	26	9.10	2.60	44.50	32.60	10.80	16.80	49.40	1.50	2.80	1.20	3.20	55.70	6	30.0	3	1			4.55	224.77		
D0125	2.11	52	25U	10.30	3.60	18.10	12.70	21.00	27.30	40.00	9.30	8.30	0.00	5.50	51.80	4	30.0	3	1	2.11	84.40				
D0142	17.30	52	25	11.60	3.50	17.60	13.00	15.20	22.00	35.00	5.50	4.90	1.10	5.00	45.50	5	22.0	3	1	17.30	605.50				
D0144	17.57	67	31U	10.70	3.00	17.60	13.00	11.90	17.00	30.00	0.00	0.00	0.00	0.00	33.00	1	26.0	3	1	17.57	527.10				
D1106	0.03	94	26	31.70	8.70	17.50	12.70	5.50	7.30	20.00	23.20	9.20	0.70	6.60	44.00	5	27.0	3	1					0.03	0.60
D1107	3.94	84	26	14.00	4.50	8.50	6.00	29.80	51.50	57.50	3.10	0.60	1.70	3.50	66.50	2	21.0	3	1	3.94	226.55				
E0503	17.92	25	26	25.60	7.50	30.20	21.50	18.90	26.50	48.00	11.30	3.50	3.10	7.50	67.00	1	28.0	3	1					17.92	860.16
E0504	9.33	25	31P	305.10	73.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	73.00	1	30.0	3	1					9.33	0.00
E0601	4.86	82	26	0.00	0.00	0.00	0.00	39.30	77.50	77.50	0.00	0.00	0.00	0.00	77.50	1	25.0	3	1	4.86	376.65				
E0602	36.57	82	26	41.30	9.00	10.30	8.00	18.50	30.50	38.50	0.00	0.00	0.30	0.50	48.00	1	20.0	3	1	36.57	1407.95				
E0604	8.57	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					8.57	0.00
E0607	1.30	59	26	36.50	12.30	34.20	25.40	11.90	14.60	40.00	0.00	0.00	0.00	0.00	52.30	1	25.0	3	1	1.30	52.00				
T0910	3.75	76	25	8.30	2.50	15.60	12.50	22.00	30.50	43.00	0.00	1.50	3.10	6.00	51.50	5	27.0	3	1	3.75	161.25				
T0911	14.69	-1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					14.69	0.00
T1007	9.44	61	26	31.60	7.50	20.70	14.50	23.80	33.00	47.50	20.80	1.00	3.90	7.50	68.00	1	33.0	3	1	9.44	448.40				
T1020	4.74	74	21	7.00	2.40	14.90	12.40	28.10	42.90	55.30	0.00	0.00	0.20	0.60	58.30	2	31.0	3	1	4.74	262.12				
	156.67																			**101.58**	**4151.92**	**4.55**	**224.77**	**50.54**	**860.76**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
101.58	**4,151.92**	**4.55**	**224.77**	**50.54**	**860.76**

Suitable and Potentially Suitable

Acres	BA
106.13	**4,376.69**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
156.67	**5,237.45**

Appendix E. Table 58. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **E06-A,** Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
D0117	4.55	53	26	9.10	2.60	44.50	32.60	10.80	16.80	49.40	1.50	2.80	1.20	3.20	55.70	6	30.0	7	3	1					4.55	224.77
D0125	2.11	52	25U	10.30	3.60	18.10	12.70	21.00	27.30	40.00	9.30	8.30	0.00	5.50	51.80	4	30.0	18	3	1					2.11	84.40
D0142	17.30	52	25	11.60	3.50	17.60	13.00	15.20	22.00	35.00	5.50	4.90	1.10	5.00	45.50	5	22.0	15	3	1					17.30	605.50
D0144	17.57	67	31U	10.70	3.00	17.60	13.00	11.90	17.00	30.00	0.00	0.00	0.00	0.00	33.00	1	26.0	0	3	1					17.57	527.10
D1106	0.03	94	26	31.70	8.70	17.50	12.70	5.50	7.30	20.00	23.20	9.20	0.70	6.60	44.00	5	27.0	30	3	1					0.03	0.60
D1107	3.94	84	26	14.00	4.50	8.50	6.00	29.80	51.50	57.50	3.10	0.60	1.70	3.50	66.50	2	21.0	6	3	1			3.94	226.55		
E0503	17.92	25	26	25.60	7.50	30.20	21.50	18.90	26.50	48.00	11.30	3.50	3.10	7.50	67.00	1	28.0	12	3	1					17.92	860.16
E0504	9.33	25	31P	305.10	73.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	73.00	1	30.0	0	3	1					9.33	0.00
E0601	4.86	82	26	0.00	0.00	0.00	0.00	39.30	77.50	77.50	0.00	0.00	0.00	0.00	77.50	1	25.0	0	3	1			4.86	376.65		
E0602	36.57	82	26	41.30	9.00	10.30	8.00	18.50	30.50	38.50	0.00	0.00	0.30	0.50	48.00	1	20.0	1	3	1					36.57	1,407.95
E0604	8.57	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					8.57	0.00
E0607	1.30	59	26	36.50	12.30	34.20	25.40	11.90	14.60	40.00	0.00	0.00	0.00	0.00	52.30	1	25.0	0	3	1					1.30	52.00
T0910	3.75	76	25	8.30	2.50	15.60	12.50	22.00	30.50	43.00	0.00	1.50	3.10	6.00	51.50	5	27.0	11	3	1			3.75	161.25		
T0911	14.69	-1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					14.69	0.00
T1007	9.44	61	26	31.60	7.50	20.70	14.50	23.80	33.00	47.50	20.80	1.00	3.90	7.50	68.00	1	33.0	10	3	1			9.44	448.40		
T1020	4.74	74	21	7.00	2.40	14.90	12.40	28.10	42.90	55.30	0.00	0.00	0.20	0.60	58.30	2	31.0	0	3	1			4.74	262.12		
	156.67																				**0.00**	**0.00**	**26.73**	**1,474.97**	**129.94**	**3,762.48**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	26.73	1,474.97	129.94	3,762.48
	Suitable and Potentially Suitable					
	Acres		BA			
	26.73		1,474.97			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	156.67		5,237.45			

Appendix E. Table 59. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **E07-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	**BA ≥10 in. dbh**						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D1116	0.62	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	3	1					0.62	0.00
D1226	0.20	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	3	1					0.20	0.00
E0509	2.37	64	26	13.00	3.00	10.70	8.00	11.40	17.00	25.00	18.30	9.40	4.60	12.50	45.50	1	25.0	3	1					2.37	59.25
E0523	0.33	69	25	18.00	5.00	18.30	12.50	12.30	16.50	29.00	1.10	0.00	1.10	1.50	36.00	1	26.0	3	1					0.33	9.57
E0602	0.02	82	26	41.30	9.00	10.30	8.00	18.50	30.50	38.50	0.00	0.00	0.30	0.50	48.00	1	20.0	3	1	0.02	0.77				
E0603	14.96	61	25	21.70	6.10	26.90	19.40	14.00	20.60	40.00	4.70	2.50	3.90	7.80	55.60	2	28.0	3	1	14.96	598.40				
E0604	0.75	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.75	0.00
E0606	2.06	82	26	32.20	9.00	27.50	19.50	9.70	15.00	34.50	2.50	1.40	2.30	5.00	49.50	2	27.0	3	1	2.06	71.07				
E0607	11.42	59	26	36.50	12.30	34.20	25.40	11.90	14.60	40.00	0.00	0.00	0.00	0.00	52.30	1	25.0	3	1	11.42	456.80				
E0610	17.70	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					17.70	0.00
E0611	10.14	61	26	44.00	14.00	17.10	12.00	17.80	28.00	40.00	4.00	2.70	1.60	4.00	59.00	2	17.0	3	1	10.14	405.60				
E0612	8.18	82	10	17.50	5.00	11.30	8.80	9.30	13.80	22.60	20.80	2.30	8.40	12.60	46.50	2	25.0	3	1					8.18	184.87
E0613	3.94	61	26	48.50	17.50	13.70	7.50	20.20	30.00	37.50	17.10	0.00	6.90	10.00	70.00	2	25.0	3	1			3.94	147.75		
E0701	6.06	85	26	34.60	9.00	22.80	16.00	15.10	22.50	38.50	2.80	0.80	2.40	4.00	52.50	5	31.0	3	1	6.06	233.31				
E0702	13.70	85	26	34.60	9.00	22.80	16.00	15.10	22.50	38.50	2.80	0.80	2.40	4.00	52.50	5	31.0	3	1	13.70	527.45				
E0705	12.11	85	26	34.60	9.00	22.80	16.00	15.10	22.50	38.50	2.80	0.80	2.40	4.00	52.50	5	31.0	3	1	12.11	466.24				
E0709	2.02	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.02	0.00
E0712	2.57	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.57	0.00
E0713	14.43	85	25	12.90	3.90	11.20	9.40	14.20	21.70	31.10	7.60	8.50	3.80	11.70	48.90	5	27.0	3	1			14.43	448.77		
E0714	16.50	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					16.50	0.00
E0716	11.20	25	31P	28.60	10.00	40.00	28.00	27.30	38.00	66.00	2.40	3.00	1.70	5.00	82.00	3	9.0	3	1					11.20	739.20
E0717	0.53	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.53	0.00
E0718	15.09	55	25	28.70	8.50	24.60	17.50	15.70	20.00	37.50	0.00	1.60	0.00	1.00	47.00	1	24.0	3	1	15.09	565.88				
E0719	13.52	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					13.52	0.00
E0721	0.93	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.93	0.00
E0722	3.66	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.66	0.00
E0723	7.14	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					7.14	0.00
E0727	8.97	58	25U	9.90	3.10	10.30	7.70	17.90	28.50	36.20	3.60	5.10	0.80	5.30	45.40	6	32.0	3	1	8.97	324.71				
E0728	12.22	54	13	8.20	2.50	8.10	6.30	16.10	30.00	36.30	34.80	4.20	5.60	15.00	63.20	7	14.0	3	1			12.22	443.59		
E0732	9.11	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					9.11	0.00
E0733	2.26	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.26	0.00
E0736	3.08	18	21P	25.30	5.00	14.70	10.00	8.50	15.00	25.00	18.70	6.00	4.30	12.00	46.50	2	41.0	3	1					3.08	77.00
E0738	42.02	59	25	28.20	6.50	32.80	22.50	13.10	20.00	42.50	4.00	4.80	1.80	7.00	57.00	1	30.0	3	1	42.02	1785.85				
E0739	1.74	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.74	0.00
E0740	0.01	58	10	13.90	5.00	10.30	8.30	20.80	31.70	40.00	21.30	0.00	8.20	13.30	65.00	6	17.0	3	1			0.01	0.40		
E0741	7.94	58	25	13.40	4.50	6.70	5.00	12.70	20.50	25.50	2.20	0.70	1.50	3.00	34.00	1	38.0	3	1					7.94	202.47
	279.50																			**136.55**	**5,436.08**	**30.60**	**1,040.51**	**112.35**	**1,272.36**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PROJECT REMOVALS

Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
D1116						0.06	0.00
D1226						0.10	0.00
E0713	Scout Leaders Course - Heavy Maneuver (PN 69743)			0.54	16.79		
E0716						0.74	48.84
E0717						0.08	0.00
E0738		0.81	34.43				
PROJECT TOTALS		**0.81**	**34.43**	**0.54**	**16.79**	**0.98**	**48.84**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
135.74	**5,401.65**	**30.06**	**1,023.72**	**111.37**	**1,223.52**

Suitable and Potentially Suitable	
Acres	BA
165.80	**6,425.37**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
277.17	**7,648.89**

Appendix E. Table 60. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **E07-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D1116	0.62	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.62	0.00
D1226	0.20	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.20	0.00
E0509	2.37	64	26	13.00	3.00	10.70	8.00	11.40	17.00	25.00	18.30	9.40	4.60	12.50	45.50	1	25.0	39	3	1					2.37	59.25
E0523	0.33	69	25	18.00	5.00	18.30	12.50	12.30	16.50	29.00	1.10	0.00	1.10	1.50	36.00	1	26.0	3	3	1					0.33	9.57
E0602	0.02	82	26	41.30	9.00	10.30	8.00	18.50	30.50	38.50	0.00	0.00	0.30	0.50	48.00	1	20.0	1	3	1					0.02	0.77
E0603	14.96	61	25	21.70	6.10	26.90	19.40	14.00	20.60	40.00	4.70	2.50	3.90	7.80	55.60	2	28.0	14	3	1					14.96	598.40
E0604	0.75	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.75	0.00
E0606	2.06	82	26	32.20	9.00	27.50	19.50	9.70	15.00	34.50	2.50	1.40	2.30	5.00	49.50	2	27.0	9	3	1					2.06	71.07
E0607	11.42	59	26	36.50	12.30	34.20	25.40	11.90	14.60	40.00	0.00	0.00	0.00	0.00	52.30	1	25.0	0	3	1					11.42	456.80
E0610	17.70	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					17.70	0.00
E0611	10.14	61	26	44.00	14.00	17.10	12.00	17.80	28.00	40.00	4.00	2.70	1.60	4.00	59.00	2	17.0	11	3	1					10.14	405.60
E0612	8.18	82	10	17.50	5.00	11.30	8.80	9.30	13.80	22.60	20.80	2.30	8.40	12.60	46.50	2	25.0	34	3	1					8.18	184.87
E0613	3.94	61	26	48.50	17.50	13.70	7.50	20.20	30.00	37.50	17.10	0.00	6.90	10.00	70.00	2	25.0	17	3	1					3.94	147.75
E0701	6.06	85	26	34.60	9.00	22.80	16.00	15.10	22.50	38.50	2.80	0.80	2.40	4.00	52.50	5	31.0	8	3	1					6.06	233.31
E0702	13.70	85	26	34.60	9.00	22.80	16.00	15.10	22.50	38.50	2.80	0.80	2.40	4.00	52.50	5	31.0	8	3	1					13.70	527.45
E0705	12.11	85	26	34.60	9.00	22.80	16.00	15.10	22.50	38.50	2.80	0.80	2.40	4.00	52.50	5	31.0	8	3	1					12.11	466.24
E0709	2.02	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.02	0.00
E0712	2.57	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.57	0.00
E0713	14.43	85	25	12.90	3.90	11.20	9.40	14.20	21.70	31.10	7.60	8.50	3.80	11.70	48.90	5	27.0	33	3	1					14.43	448.77
E0714	16.50	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					16.50	0.00
E0716	11.20	25	31P	28.60	10.00	40.00	28.00	27.30	38.00	66.00	2.40	3.00	1.70	5.00	82.00	3	9.0	7	3	1					11.20	739.20
E0717	0.53	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.53	0.00
E0718	15.09	55	25	28.70	8.50	24.60	17.50	15.70	20.00	37.50	0.00	1.60	0.00	1.00	47.00	1	24.0	4	3	1					15.09	565.88
E0719	13.52	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					13.52	0.00
E0721	0.93	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.93	0.00
E0722	3.66	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.66	0.00
E0723	7.14	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					7.14	0.00
E0727	8.97	58	25U	9.90	3.10	10.30	7.70	17.90	28.50	36.20	3.60	5.10	0.80	5.30	45.40	6	32.0	17	3	1					8.97	324.71
E0728	12.22	54	13	8.20	2.50	8.10	6.30	16.10	30.00	36.30	34.80	4.20	5.60	15.00	63.20	7	14.0	29	3	1					12.22	443.59
E0732	9.11	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					9.11	0.00
E0733	2.26	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.26	0.00
E0736	3.08	18	21P	25.30	5.00	14.70	10.00	8.50	15.00	25.00	18.70	6.00	4.30	12.00	46.50	2	41.0	31	3	1					3.08	77.00
E0738	42.02	59	25	28.20	6.50	32.80	22.50	13.10	20.00	42.50	4.00	4.80	1.80	7.00	57.00	1	30.0	13	3	1					42.02	1785.85
E0739	1.74	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.74	0.00
E0740	0.01	58	10	13.90	5.00	10.30	8.30	20.80	31.70	40.00	21.30	0.00	8.20	13.30	65.00	6	17.0	21	3	1					0.01	0.40
E0741	7.94	58	25	13.40	4.50	6.70	5.00	12.70	20.50	25.50	2.20	0.70	1.50	3.00	34.00	1	38.0	10	3	1					7.94	202.47
	279.50																				**0.00**	**0.00**	**0.00**	**0.00**	**279.50**	**7,748.95**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PROJECT REMOVALS

Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
D1116	Scout Leaders Course - Heavy Maneuver (PN 69743)					0.06	0.00
D1226						0.10	0.00
E0713						0.54	16.79
E0716						0.74	48.84
E0717						0.08	0.00
E0738						0.81	34.43
PROJECT TOTALS		**0.00**	**0.00**	**0.00**	**0.00**	**2.33**	**100.06**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
0.00	**0.00**	**0.00**	**0.00**	**277.17**	**7,648.89**

Suitable and Potentially Suitable	
Acres	BA
0.00	**0.00**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
277.17	**7,648.89**

Appendix E. Table 61. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **F02-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D1626	14.88	73	25	5.70	1.80	4.80	3.50	10.80	15.30	18.80	0.00	1.80	1.50	4.10	24.70	6	39.0	3	1					14.88	279.74
D1631	3.26	22	31P	226.60	56.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.70	6	2.0	3	1					3.26	0.00
D1632	3.16	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.16	0.00
D1638	6.22	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.22	0.00
D1639	19.47	47	25	23.40	6.50	12.90	9.00	6.50	9.00	18.00	4.10	0.60	3.10	5.50	31.00	2	34.0	3	1					19.47	350.46
D1640	24.62	72	25	17.40	4.50	10.30	6.40	3.90	5.50	11.90	11.00	9.50	1.90	9.10	29.10	2	32.0	3	1					24.62	292.98
D1643	2.36	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.36	0.00
D1712	15.84	56	25	61.40	16.00	12.90	8.00	2.40	3.00	11.00	1.80	0.90	0.90	2.00	29.50	4	17.0	3	1					15.84	174.24
D1730	0.00	71	10	33.40	8.50	10.60	8.00	10.50	15.50	23.50	22.40	8.20	7.00	17.50	56.50	7	18.0	3	1					0.00	0.00
F0207	5.39	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.39	0.00
F0210	14.28	73	25	52.30	12.10	5.70	3.60	11.10	16.40	20.00	12.70	6.10	0.20	4.30	41.40	5	16.0	3	1					14.28	285.60
F0211	17.15	81	21	0.00	0.00	6.20	4.70	15.50	25.90	30.60	4.10	1.60	0.30	1.80	33.60	4	18.0	3	1	17.15	524.79				
F0212	5.73	81	26	0.00	0.00	0.00	0.00	19.40	31.70	31.70	15.10	8.10	2.60	10.00	46.70	5	13.0	3	1			5.73	181.64		
F0213	21.22	74	26	27.90	8.00	11.10	7.50	9.10	12.50	20.00	14.80	5.10	1.60	5.50	38.50	4	12.0	3	1					21.22	424.40
F0214	37.34	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					37.34	0.00
F0221	7.59	81	26	10.30	2.50	18.30	13.80	5.50	7.50	21.30	0.00	0.00	0.00	0.00	23.80	4	18.0	3	1					7.59	161.67
F0222	5.65	81	21	9.90	3.30	12.40	10.00	23.30	33.30	43.30	11.30	0.00	2.20	3.30	53.20	5	7.0	3	1	5.65	244.65				
F0232	8.96	66	26	8.90	3.30	26.70	20.80	15.80	25.00	45.80	3.30	4.50	5.60	13.30	63.20	2	8.0	3	1			8.96	410.37		
F0303	0.02	6	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					0.02	0.00
	213.14																			**22.80**	**769.44**	**14.69**	**592.01**	**175.65**	**1,969.09**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.
Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.
Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	D1626	Scout Leaders Course - Heavy Maneuver (PN 69743)					14.88	279.74
	D1631						3.26	0.00
	D1632						3.16	0.00
	D1638						5.71	0.00
	D1639						19.47	350.46
	D1640						24.62	292.98
	D1643						2.36	0.00
	D1712						15.84	174.24
	F0207						5.39	0.00
	F0210						6.89	137.80
	F0211		13.95	426.87				
	F0212				2.21	70.06		
	F0213						21.17	423.40
	F0214						7.32	0.00
	F0221						7.59	161.67
	F0222		0.29	12.56				
		PROJECT TOTALS	**14.24**	**439.43**	**2.21**	**70.06**	**137.66**	**1,820.29**

BASELINE TOTALS	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
	8.56	**330.01**	**12.48**	**521.95**	**37.99**	**148.80**

Suitable and Potentially Suitable	
Acres	BA
21.04	**851.96**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
59.03	**1,000.76**

Appendix E. Table 62. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **F02-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
D1626	14.88	73	25	5.70	1.80	4.80	3.50	10.80	15.30	18.80	0.00	1.80	1.50	4.10	24.70	6	39.0	17	3	1					14.88	279.74
D1631	3.26	22	31P	226.60	56.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	56.70	6	2.0	0	3	1					3.26	0.00
D1632	3.16	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.16	0.00
D1638	6.22	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.22	0.00
D1639	19.47	47	25	23.40	6.50	12.90	9.00	6.50	9.00	18.00	4.10	0.60	3.10	5.50	31.00	2	34.0	16	3	1					19.47	350.46
D1640	24.62	72	25	17.40	4.50	10.30	6.40	3.90	5.50	11.90	11.00	9.50	1.90	9.10	29.10	2	32.0	45	3	1					24.62	292.98
D1643	2.36	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.36	0.00
D1712	15.84	56	25	61.40	16.00	12.90	8.00	2.40	3.00	11.00	1.80	0.90	0.90	2.00	29.50	4	17.0	11	3	1					15.84	174.24
D1730	0.00	71	10	33.40	8.50	10.60	8.00	10.50	15.50	23.50	22.40	8.20	7.00	17.50	56.50	7	18.0	42	3	1					0.00	0.00
F0207	5.39	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.39	0.00
F0210	14.28	73	25	52.30	12.10	5.70	3.60	11.10	16.40	20.00	12.70	6.10	0.20	4.30	41.40	5	16.0	27	3	1					14.28	285.60
F0211	17.15	81	21	0.00	0.00	6.20	4.70	15.50	25.90	30.60	4.10	1.60	0.30	1.80	33.60	4	18.0	8	3	1					17.15	524.79
F0212	5.73	81	26	0.00	0.00	0.00	0.00	19.40	31.70	31.70	15.10	8.10	2.60	10.00	46.70	5	13.0	36	3	1					5.73	181.64
F0213	21.22	74	26	27.90	8.00	11.10	7.50	9.10	12.50	20.00	14.80	5.10	1.60	5.50	38.50	4	12.0	25	3	1					21.22	424.40
F0214	37.34	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					37.34	0.00
F0221	7.59	81	26	10.30	2.50	18.30	13.80	5.50	7.50	21.30	0.00	0.00	0.00	0.00	23.80	4	18.0	0	3	1					7.59	161.67
F0222	5.65	81	21	9.90	3.30	12.40	10.00	23.30	33.30	43.30	11.30	0.00	2.20	3.30	53.20	5	7.0	6	3	1			5.65	244.65		
F0232	8.96	66	26	8.90	3.30	26.70	20.80	15.80	25.00	45.80	3.30	4.50	5.60	13.30	63.20	2	8.0	19	3	1					8.96	410.37
F0303	0.02	6	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.02	0.00
	213.14																				**0.00**	**0.00**	**5.65**	**244.65**	**207.49**	**3,085.89**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	D1626	Scout Leaders Course - Heavy Maneuver (PN 69743)					14.88	279.74
	D1631						3.26	0.00
	D1632						3.16	0.00
	D1638						5.71	0.00
	D1639						19.47	350.46
	D1640						24.62	292.98
	D1643						2.36	0.00
	D1712						15.84	174.24
	F0207						5.39	0.00
	F0210						6.89	137.80
	F0211						13.95	426.87
	F0212						2.21	70.06
	F0213						21.17	423.40
	F0214						7.32	0.00
	F0221						7.59	161.67
	F0222				0.29	12.56		
		PROJECT TOTALS	**0.00**	**0.00**	**0.29**	**12.56**	**153.82**	**2,317.22**

BASELINE TOTALS	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
	0.00	**0.00**	**5.36**	**232.09**	**53.67**	**768.67**

Suitable and Potentially Suitable	
Acres	BA
5.36	**232.09**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
59.03	**1,000.76**

Appendix E. Table 63. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **F05-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
D0611	3.84	51	26	13.40	4.00	16.20	12.00	17.90	29.00	41.00	4.50	3.10	1.40	5.00	51.50	1	34.0	3	1	3.84	157.44				
D0714	19.63	58	26	12.00	2.50	1.30	1.00	12.20	21.00	22.00	2.50	1.50	0.80	3.00	28.00	2	32.0	3	1					19.63	431.86
D1604	0.42	90	10	16.40	4.00	4.40	3.50	18.90	42.00	45.50	44.00	9.60	3.70	12.00	72.00	6	4.0	3	1			0.42	19.11		
D1605	0.43	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.43	0.00
D1644	0.86	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.86	0.00
F0202	2.07	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.07	0.00
F0420	2.58	22	31P	278.10	70.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.00	3	10.0	3	1					2.58	0.00
F0421	5.09	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.09	0.00
F0422	6.88	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.88	0.00
F0423	5.66	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.66	0.00
F0437	0.75	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.75	0.00
F0438	2.65	6	21P	31.90	5.00	0.00	0.00	0.60	1.70	1.70	0.00	0.00	0.00	0.00	6.70	2	52.0	3	1					2.65	4.51
F0442	0.44	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.44	0.00
F0503	5.89	59	25	11.50	2.70	3.30	1.80	8.50	16.40	18.20	5.00	1.40	2.10	3.60	26.30	6	15.0	3	1					5.89	107.20
F0506	20.27	76	26	15.60	3.50	10.90	8.50	23.80	38.00	46.50	3.80	4.10	4.80	12.00	63.00	5	9.0	3	1			20.27	942.56		
F0508	19.44	94	26	12.30	3.20	3.30	2.60	18.80	28.40	31.00	0.00	0.00	0.30	1.10	35.30	5	19.0	3	1	19.44	602.64				
F0509	34.39	73	26	3.60	1.00	7.40	6.00	13.00	23.00	29.00	2.70	2.70	1.40	5.00	36.00	5	15.0	3	1					34.39	997.31
F0511	4.05	6	21P	0.00	0.00	3.80	3.30	5.30	8.30	11.60	0.00	0.00	0.00	0.00	11.60	3	15.0	3	1					4.05	46.98
F0512	20.32	22	31P	68.20	21.00	25.10	17.00	4.80	7.00	24.00	0.00	1.40	0.00	1.00	46.00	1	22.0	3	1					20.32	487.68
F0513	3.10	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.10	0.00
F0514	1.44	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.44	0.00
F0515	1.52	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.52	0.00
F0516	4.02	6	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					4.02	0.00
F0517	2.18	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.18	0.00
F0518	0.09	69	21P	21.00	6.00	7.70	6.00	3.00	4.50	10.50	4.50	0.00	0.00	0.00	18.00	1	36.0	3	1					0.09	0.95
F0521	18.72	94	25	4.00	1.10	1.40	1.10	12.70	22.10	23.20	0.00	2.00	1.40	4.20	28.50	4	12.0	3	1					18.72	434.30
F0536	18.88	6	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					18.88	0.00
F0540	1.97	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.97	0.00
K3509	6.89	68	25	10.30	2.10	16.80	12.60	21.00	32.60	45.20	12.30	4.40	2.30	6.90	57.40	1	15.0	3	1	6.89	311.43				
	214.47																			**30.17**	**1,071.51**	**20.69**	**961.67**	**163.61**	**2,510.79**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.
Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.
Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	D0611	Scout Leaders Course - Heavy Maneuver (PN 69743)	3.84	157.44				
	D0714						19.37	426.14
	D1604				0.42	19.11		
	D1605						0.43	0.00
	D1644						0.86	0.00
	F0202						0.86	0.00
	F0421						2.79	0.00
	F0438						1.02	1.73
	F0503						5.89	107.20
	F0506				19.50	906.75		
	F0508		19.44	602.64				
	F0509						12.28	356.12
	F0511						4.05	46.98
	F0512						6.11	146.64
	F0513						3.05	0.00
	F0514						0.84	0.00
	F0515						1.52	0.00
	F0516						1.69	0.00
	F0521						18.72	434.30
		PROJECT TOTALS	**23.28**	**760.08**	**19.92**	**925.86**	**79.48**	**1,519.11**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	F0202					1.21	0.00
	F0517					2.18	0.00
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**3.39**	**0.00**

	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
BASELINE TOTALS	**6.89**	**311.43**	**0.77**	**35.81**	**80.74**	**991.68**

Suitable and Potentially Suitable	
Acres	BA
7.66	**347.24**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
88.40	**1,338.92**

Appendix E. Table 64. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **F05-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
D0611	3.84	51	26	13.40	4.00	16.20	12.00	17.90	29.00	41.00	4.50	3.10	1.40	5.00	51.50	1	34.0	12	3	1					3.84	157.44
D0714	19.63	58	26	12.00	2.50	1.30	1.00	12.20	21.00	22.00	2.50	1.50	0.80	3.00	28.00	2	32.0	15	3	1					19.63	431.86
D1604	0.42	90	10	16.40	4.00	4.40	3.50	18.90	42.00	45.50	44.00	9.60	3.70	12.00	72.00	6	4.0	36	3	1			0.42	19.11		
D1605	0.43	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.43	0.00
D1644	0.86	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.86	0.00
F0202	2.07	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.07	0.00
F0420	2.58	22	31P	278.10	70.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	70.00	3	10.0	0	3	1					2.58	0.00
F0421	5.09	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.09	0.00
F0422	6.88	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.88	0.00
F0423	5.66	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.66	0.00
F0437	0.75	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.75	0.00
F0438	2.65	6	21P	31.90	5.00	0.00	0.00	0.60	1.70	1.70	0.00	0.00	0.00	0.00	6.70	2	52.0	0	3	1					2.65	4.51
F0442	0.44	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.44	0.00
F0503	5.89	59	25	11.50	2.70	3.30	1.80	8.50	16.40	18.20	5.00	1.40	2.10	3.60	26.30	6	15.0	23	3	1					5.89	107.20
F0506	20.27	76	26	15.60	3.50	10.90	8.50	23.80	38.00	46.50	3.80	4.10	4.80	12.00	63.00	5	9.0	20	3	1			20.27	942.56		
F0508	19.44	94	26	12.30	3.20	3.30	2.60	18.80	28.40	31.00	0.00	0.00	0.30	1.10	35.30	5	19.0	1	3	1					19.44	602.64
F0509	34.39	73	26	3.60	1.00	7.40	6.00	13.00	23.00	29.00	2.70	2.70	1.40	5.00	36.00	5	15.0	17	3	1					34.39	997.31
F0511	4.05	6	21P	0.00	0.00	3.80	3.30	5.30	8.30	11.60	0.00	0.00	0.00	0.00	11.60	3	15.0	0	3	1					4.05	46.98
F0512	20.32	22	31P	68.20	21.00	25.10	17.00	4.80	7.00	24.00	0.00	1.40	0.00	1.00	46.00	1	22.0	4	3	1					20.32	487.68
F0513	3.10	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.10	0.00
F0514	1.44	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.44	0.00
F0515	1.52	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.52	0.00
F0516	4.02	6	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.02	0.00
F0517	2.18	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.18	0.00
F0518	0.09	69	21P	21.00	6.00	7.70	6.00	3.00	4.50	10.50	4.50	0.00	0.00	0.00	18.00	1	36.0	0	3	1					0.09	0.95
F0521	18.72	94	25	4.00	1.10	1.40	1.10	12.70	22.10	23.20	0.00	2.00	1.40	4.20	28.50	4	12.0	19	3	1					18.72	434.30
F0536	18.88	6	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					18.88	0.00
F0540	1.97	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.97	0.00
K3509	6.89	68	25	10.30	2.10	16.80	12.60	21.00	32.60	45.20	12.30	4.40	2.30	6.90	57.40	1	15.0	15	3	1			6.89	311.43		
	214.47																				**0.00**	**0.00**	**27.58**	**1,273.10**	**186.89**	**3,270.87**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	D0611	Scout Leaders Course - Heavy Maneuver (PN 69743)					3.84	157.44
	D0714						19.37	426.14
	D1604						0.42	19.11
	D1605						0.43	0.00
	D1644						0.86	0.00
	F0202						0.86	0.00
	F0421						2.79	0.00
	F0438						1.02	1.73
	F0503						5.89	107.20
	F0506				19.50	906.75		
	F0508						19.44	602.64
	F0509						12.28	356.12
	F0511						4.05	46.98
	F0512						6.11	146.64
	F0513						3.05	0.00
	F0514						0.84	0.00
	F0515						1.52	0.00
	F0516						1.69	0.00
	F0521						18.72	434.30
		PROJECT TOTALS	**0.00**	**0.00**	**19.50**	**906.75**	**103.18**	**2,298.30**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	F0202					1.21	0.00
	F0517					2.18	0.00
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**3.39**	**0.00**

POST-PROJECT TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
0.00	**0.00**	**8.08**	**366.35**	**80.32**	**972.57**

Suitable and Potentially Suitable

Acres	BA
8.08	**366.35**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
88.40	**1,338.92**

Appendix E. Table 65. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **HCC-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
HCC57	38.50	87	26	36.40	10.00	11.90	8.40	13.70	24.70	33.10	0.00	0.00	0.40	0.50	43.60	1	18.0	3	1	38.50	1274.35				
HCC58	4.22	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					4.22	0.00
HCC59	10.54	90	26	20.40	6.50	7.40	5.00	17.80	34.50	39.50	2.30	0.00	0.00	0.00	47.00	1	40.0	3	1	10.54	416.33				
HCC60	1.01	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.01	0.00
HCC61	2.28	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.28	0.00
HCC62	7.83	114	26	70.90	18.00	4.50	3.00	8.90	23.50	26.50	3.10	3.40	0.40	3.00	48.50	1	30.0	3	1					7.83	207.50
HCC63	33.67	87	10	19.70	5.50	7.10	5.50	19.90	37.50	43.00	16.60	6.00	4.70	12.00	64.50	1	16.0	3	1			33.67	1447.81		
HCC68	9.84	15	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					9.84	0.00
HCC69	41.42	90	25	20.90	4.00	2.20	2.00	16.90	36.00	38.00	8.30	1.30	0.90	2.50	47.50	1	28.0	3	1	41.42	1573.96				
HCC70	16.98	93	31	34.20	8.00	8.30	5.00	13.50	29.00	34.00	0.00	0.00	0.40	1.50	43.50	1	47.0	3	1	16.98	577.32				
HCC71	2.93	20	26P	216.00	42.00	6.60	4.00	1.60	2.00	6.00	0.00	0.00	0.00	0.00	48.00	1	27.0	3	1					2.93	17.58
Q0102	5.96	98	31U	3.80	1.70	13.40	10.00	14.30	35.00	45.00	0.00	0.00	0.00	0.00	46.70	4	23.0	3	1	5.96	268.20				
Q0104	6.87	45	31	26.00	8.60	26.30	20.00	26.10	38.60	58.60	10.60	0.00	0.00	0.00	70.10	4	1.0	3	1	6.87	402.58				
Q0106	6.89	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.89	0.00
Q0108	11.37	54	31	12.90	4.50	22.70	17.00	23.90	34.00	51.00	5.30	0.00	0.20	0.50	57.50	1	24.0	3	1	11.37	579.87				
Q0110	2.76	56	31	22.60	3.30	53.20	33.30	24.40	30.00	63.30	0.00	0.00	0.00	0.00	66.60	4	13.0	3	1	2.76	174.71				
Q0114	8.24	64	31	26.90	8.00	31.70	23.50	12.80	17.50	41.00	7.00	0.60	0.00	0.50	52.00	2	30.0	3	1	8.24	337.84				
Q0116	8.38	54	31	6.80	2.50	21.90	16.30	17.50	25.00	41.30	0.00	0.00	0.00	0.00	43.80	4	16.0	3	1	8.38	346.09				
Q0126	2.37	54	31	9.80	2.80	34.70	26.70	17.80	22.80	49.50	0.00	0.00	0.00	0.00	52.30	5	13.0	3	1	2.37	117.32				
Q0129	4.29	56	10	115.00	26.70	19.70	13.30	6.60	8.30	21.60	15.80	10.30	0.00	6.70	58.30	1	20.0	3	1					4.29	92.66
Q0130	0.31	9	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.31	0.00
	226.66																			**153.39**	**6,068.57**	**33.67**	**1,447.81**	**39.60**	**317.74**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted
ND = No data taken

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	153.39	**6,068.57**	**33.67**	**1,447.81**	**39.60**	**317.74**

Suitable and Potentially Suitable	
Acres	BA
187.06	**7,516.38**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
226.66	**7,834.12**

Appendix E. Table 66. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **HCC-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
HCC57	38.50	87	26	36.40	10.00	11.90	8.40	13.70	24.70	33.10	0.00	0.00	0.40	0.50	43.60	1	18.0	2	3	1					38.50	1,274.35
HCC58	4.22	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.22	0.00
HCC59	10.54	90	26	20.40	6.50	7.40	5.00	17.80	34.50	39.50	2.30	0.00	0.00	0.00	47.00	1	40.0	0	3	1					10.54	416.33
HCC60	1.01	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.01	0.00
HCC61	2.28	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.28	0.00
HCC62	7.83	114	26	70.90	18.00	4.50	3.00	8.90	23.50	26.50	3.10	3.40	0.40	3.00	48.50	1	30.0	22	3	1					7.83	207.50
HCC63	33.67	87	10	19.70	5.50	7.10	5.50	19.90	37.50	43.00	16.60	6.00	4.70	12.00	64.50	1	16.0	28	3	1			33.67	1447.81		
HCC68	9.84	15	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					9.84	0.00
HCC69	41.42	90	25	20.90	4.00	2.20	2.00	16.90	36.00	38.00	8.30	1.30	0.90	2.50	47.50	1	28.0	10	3	1					41.42	1,573.96
HCC70	16.98	93	31	34.20	8.00	8.30	5.00	13.50	29.00	34.00	0.00	0.00	0.40	1.50	43.50	1	47.0	2	3	1					16.98	577.32
HCC71	2.93	20	26P	216.00	42.00	6.60	4.00	1.60	2.00	6.00	0.00	0.00	0.00	0.00	48.00	1	27.0	0	3	1					2.93	17.58
Q0102	5.96	98	31U	3.80	1.70	13.40	10.00	14.30	35.00	45.00	0.00	0.00	0.00	0.00	46.70	4	23.0	0	3	1					5.96	268.20
Q0104	6.87	45	31	26.00	8.60	26.30	20.00	26.10	38.60	58.60	10.60	0.00	0.00	0.00	70.10	4	1.0	0	3	1					6.87	402.58
Q0106	6.89	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.89	0.00
Q0108	11.37	54	31	12.90	4.50	22.70	17.00	23.90	34.00	51.00	5.30	0.00	0.20	0.50	57.50	1	24.0	0	3	1					11.37	579.87
Q0110	2.76	56	31	22.60	3.30	53.20	33.30	24.40	30.00	63.30	0.00	0.00	0.00	0.00	66.60	4	13.0	0	3	1					2.76	174.71
Q0114	8.24	64	31	26.90	8.00	31.70	23.50	12.80	17.50	41.00	7.00	0.60	0.00	0.50	52.00	2	30.0	1	3	1					8.24	337.84
Q0116	8.38	54	31	6.80	2.50	21.90	16.30	17.50	25.00	41.30	0.00	0.00	0.00	0.00	43.80	4	16.0	0	3	1					8.38	346.09
Q0126	2.37	54	31	9.80	2.80	34.70	26.70	17.80	22.80	49.50	0.00	0.00	0.00	0.00	52.30	5	13.0	0	3	1					2.37	117.32
Q0129	4.29	56	10	115.00	26.70	19.70	13.30	6.60	8.30	21.60	15.80	10.30	0.00	6.70	58.30	1	20.0	28	3	1					4.29	92.66
Q0130	0.31	9	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.31	0.00
	226.66																				**0.00**	**0.00**	**33.67**	**1,447.81**	**192.99**	**6,386.31**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted
ND = No data taken

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	33.67	1,447.81	192.99	6,386.31
	Suitable and Potentially Suitable					
	Acres		BA			
	33.67		1,447.81			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	226.66		7,834.12			

Appendix E. Table 67. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **HCC-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
HCC33	0.03	3	21P	15.20	5.00	1.60	1.00	5.30	8.00	9.00	2.50	2.80	0.30	2.50	17.50	2	18.0	3	1					0.03	0.27
HCC38	15.35	114	26	31.80	8.50	17.50	12.50	11.70	21.50	34.00	34.10	5.00	1.90	6.50	58.50	2	7.0	3	1	15.35	521.90				
HCC43	17.97	92	26	33.00	8.50	13.10	9.00	14.10	26.50	35.50	0.00	0.00	0.10	0.50	44.50	2	22.0	3	1	17.97	637.94				
HCC44	12.72	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					12.72	0.00
HCC45	8.89	70	31	136.60	30.00	18.90	13.60	11.80	17.30	30.90	0.00	0.00	0.00	0.00	60.90	1	15.0	3	1			8.89	274.70		
HCC46	12.42	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					12.42	0.00
HCC49	1.63	63	25	2.80	1.10	7.50	5.80	14.00	21.60	27.40	3.70	6.00	2.30	8.90	39.00	9	20.0	3	1					1.63	44.66
HCC53	52.97	112	31	105.70	24.70	20.40	14.20	9.00	14.70	28.90	6.40	1.00	0.00	0.50	55.70	1	29.0	3	1					52.97	1530.83
HCC54	23.00	63	26	12.80	4.00	13.00	9.00	17.90	27.50	36.50	10.20	6.80	6.50	15.50	60.00	1	12.0	3	1			23.00	839.50		
HCC57	14.44	87	26	36.40	10.00	11.90	8.40	13.70	24.70	33.10	0.00	0.00	0.40	0.50	43.60	1	18.0	3	1	14.44	477.96				
HCC63	3.96	87	10	19.70	5.50	7.10	5.50	19.90	37.50	43.00	16.60	6.00	4.70	12.00	64.50	1	16.0	3	1			3.96	170.28		
HCC76	1.44	79	26U	21.30	5.50	7.50	5.50	13.90	21.50	27.00	0.00	0.60	1.00	2.00	34.50	1	2.0	3	1					1.44	38.88
HCC94	8.45	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					8.45	0.00
HCC98	9.33	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					9.33	0.00
	182.60																			**47.76**	**1,637.80**	**35.85**	**1,284.48**	**98.99**	**1,614.64**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	47.76	1,637.80	35.85	1,284.48	98.99	1,614.64
	Suitable and Potentially Suitable					
	Acres		BA			
	83.61		2,922.28			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	182.60		4,536.92			

Appendix E. Table 68. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **HCC-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
HCC33	0.03	3	21P	15.20	5.00	1.60	1.00	5.30	8.00	9.00	2.50	2.80	0.30	2.50	17.50	2	18.0	31	3	1					0.03	0.27
HCC38	15.35	114	26	31.80	8.50	17.50	12.50	11.70	21.50	34.00	34.10	5.00	1.90	6.50	58.50	2	7.0	19	3	1					15.35	521.90
HCC43	17.97	92	26	33.00	8.50	13.10	9.00	14.10	26.50	35.50	0.00	0.00	0.10	0.50	44.50	2	22.0	0	3	1					17.97	637.94
HCC44	12.72	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					12.72	0.00
HCC45	8.89	70	31	136.60	30.00	18.90	13.60	11.80	17.30	30.90	0.00	0.00	0.00	0.00	60.90	1	15.0	0	3	1					8.89	274.70
HCC46	12.42	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					12.42	0.00
HCC49	1.63	63	25	2.80	1.10	7.50	5.80	14.00	21.60	27.40	3.70	6.00	2.30	8.90	39.00	9	20.0	28	3	1					1.63	44.66
HCC53	52.97	112	31	105.70	24.70	20.40	14.20	9.00	14.70	28.90	6.40	1.00	0.00	0.50	55.70	1	29.0	3	3	1					52.97	1,530.83
HCC54	23.00	63	26	12.80	4.00	13.00	9.00	17.90	27.50	36.50	10.20	6.80	6.50	15.50	60.00	1	12.0	30	3	1					23.00	839.50
HCC57	14.44	87	26	36.40	10.00	11.90	8.40	13.70	24.70	33.10	0.00	0.00	0.40	0.50	43.60	1	18.0	2	3	1					14.44	477.96
HCC63	3.96	87	10	19.70	5.50	7.10	5.50	19.90	37.50	43.00	16.60	6.00	4.70	12.00	64.50	1	16.0	28	3	1			3.96	170.28		
HCC76	1.44	79	26U	21.30	5.50	7.50	5.50	13.90	21.50	27.00	0.00	0.60	1.00	2.00	34.50	1	2.0	7	3	1					1.44	38.88
HCC94	8.45	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					8.45	0.00
HCC98	9.33	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					9.33	0.00
	182.60																				**0.00**	**0.00**	**3.96**	**170.28**	**178.64**	**4,366.64**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**3.96**	**170.28**	**178.64**	**4,366.64**
	Suitable and Potentially Suitable					
	Acres		BA			
	3.96		**170.28**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	182.60		**4,536.92**			

Appendix E. Table 69. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **HCC-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
A1004	15.18	63	26	28.50	7.50	20.90	15.00	25.40	38.00	53.00	6.90	3.70	0.70	4.00	66.00	1	21.0	3	1	15.18	804.54				
A1025	1.72	56	26	8.30	2.50	16.40	12.50	16.80	28.50	41.00	3.70	2.60	1.60	4.50	49.00	2	34.0	3	1					1.72	70.52
A1026	4.08	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					4.08	0.00
HCC101	16.86	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					16.86	0.00
HCC21	0.76	11	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.76	0.00
HCC27	2.82	79	26	17.50	4.50	14.70	11.00	8.60	11.00	22.00	24.00	3.40	0.30	3.00	35.50	1	14.0	3	1					2.82	62.04
HCC30	3.88	104	26	2.80	1.00	7.60	5.50	14.20	22.50	28.00	1.10	0.00	2.00	3.00	32.50	6	30.0	3	1					3.88	108.64
HCC31	16.47	104	26U	6.40	2.40	2.80	2.40	13.40	22.40	24.80	0.00	0.00	0.00	0.00	27.20	1	17.0	3	1					16.47	408.46
HCC32	8.41	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					8.41	0.00
HCC33	12.57	3	21P	15.20	5.00	1.60	1.00	5.30	8.00	9.00	2.50	2.80	0.30	2.50	17.50	2	18.0	3	1					12.57	113.13
HCC34	28.50	89	26	17.10	5.00	13.90	10.50	23.20	32.50	43.00	1.20	0.90	0.80	2.00	50.50	1	15.0	3	1	28.50	1,225.50				
HCC36	12.75	92	26	27.60	5.50	5.10	3.50	8.80	15.50	19.00	0.00	0.00	0.10	0.50	25.00	9	26.0	3	1					12.75	242.25
HCC38	7.85	114	26	31.80	8.50	17.50	12.50	11.70	21.50	34.00	34.10	5.00	1.90	6.50	58.50	2	7.0	3	1	7.85	266.90				
HCC40	9.73	63	26	31.20	7.00	8.10	6.00	10.60	19.00	25.00	3.70	0.00	0.00	0.00	33.50	7	28.0	3	1					9.73	243.25
HCC43	11.34	92	26	33.00	8.50	13.10	9.00	14.10	26.50	35.50	0.00	0.00	0.10	0.50	44.50	2	22.0	3	1	11.34	402.57				
HCC49	0.64	63	25	2.80	1.10	7.50	5.80	14.00	21.60	27.40	3.70	6.00	2.30	8.90	39.00	9	20.0	3	1					0.64	17.54
	153.56																			**62.87**	**2,699.51**	**0.00**	**0.00**	**90.69**	**1,265.83**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation
U = Underplanted
ND = No data taken

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
HCC21					0.76	0.00
HCC27					2.82	62.04
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**3.58**	**62.04**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
62.87	**2,699.51**	**0.00**	**0.00**	**87.11**	**1,203.79**

Suitable and Potentially Suitable

Acres	BA
62.87	**2,699.51**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
149.98	**3,903.30**

Appendix E. Table 70. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **HCC-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
A1004	15.18	63	26	28.50	7.50	20.90	15.00	25.40	38.00	53.00	6.90	0.70	0.70	4.00	66.00	1	21.0	3	3	1			15.18	804.54		
A1025	1.72	56	26	8.30	2.50	16.40	12.50	16.80	28.50	41.00	3.70	2.60	1.60	4.50	49.00	2	34.0	11	3	1					1.72	70.52
A1026	4.08	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.08	0.00
HCC101	16.86	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					16.86	0.00
HCC21	0.76	11	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.76	0.00
HCC27	2.82	79	26	17.50	4.50	14.70	11.00	8.60	11.00	22.00	24.00	3.40	0.30	3.00	35.50	1	14.0	14	3	1					2.82	62.04
HCC30	3.88	104	26	2.80	1.00	7.60	5.50	14.20	22.50	28.00	1.10	0.00	2.00	3.00	32.50	6	30.0	8	3	1					3.88	108.64
HCC31	16.47	104	26U	6.40	2.40	2.80	2.40	13.40	22.40	24.80	0.00	0.00	0.00	0.00	27.20	1	17.0	0	3	1					16.47	408.46
HCC32	8.41	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					8.41	0.00
HCC33	12.57	3	21P	15.20	5.00	1.60	1.00	5.30	8.00	9.00	2.50	2.80	0.30	2.50	17.50	2	18.0	31	3	1					12.57	113.13
HCC34	28.50	89	26	17.10	5.00	13.90	10.50	23.20	32.50	43.00	1.20	0.90	0.80	2.00	50.50	1	15.0	4	3	1			28.50	1,225.50		
HCC36	12.75	92	26	27.60	5.50	5.10	3.50	8.80	15.50	19.00	0.00	0.00	0.10	0.50	25.00	9	26.0	1	3	1					12.75	242.25
HCC38	7.85	114	26	31.80	8.50	17.50	12.50	11.70	21.50	34.00	34.10	5.00	1.90	6.50	58.50	2	7.0	19	3	1					7.85	266.90
HCC40	9.73	63	26	31.20	7.00	8.10	6.00	10.60	19.00	25.00	3.70	0.00	0.00	0.00	33.50	7	28.0	0	3	1					9.73	243.25
HCC43	11.34	92	26	33.00	8.50	13.10	9.00	14.10	26.50	35.50	0.00	0.00	0.10	0.50	44.50	2	22.0	0	3	1					11.34	402.57
HCC49	0.64	63	25	2.80	1.10	7.50	5.80	14.00	21.60	27.40	3.70	6.00	2.30	8.90	39.00	9	20.0	28	3	1					0.64	17.54
	153.56																				**0.00**	**0.00**	**43.68**	**2,030.04**	**109.88**	**1,935.30**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation
U = Underplanted
ND = No data taken

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	HCC21					0.76	0.00
	HCC27					2.82	62.04
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**3.58**	**62.04**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**43.68**	**2,030.04**	**106.30**	**1,873.26**

Suitable and Potentially Suitable	
Acres	BA
43.68	**2,030.04**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
149.98	**3,903.30**

Appendix E. Table 71. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **HCC-D**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
A0904	15.18	60	25	24.40	8.00	26.30	18.50	13.10	18.00	36.50	5.90	4.20	0.40	3.50	49.50	4	34.0	3	2	15.18	554.07				
A0906	1.84	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.84	0.00
A0907	18.13	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					18.13	0.00
A0908	8.18	60	25	24.40	8.00	26.30	18.50	13.10	18.00	36.50	5.90	4.20	0.40	3.50	49.50	4	34.0	3	2	8.18	298.57				
BB0936	9.69	9	21P	14.40	5.00	16.20	10.50	0.90	1.00	11.50	0.00	0.00	0.00	0.00	16.50	1	40.0	3	2					9.69	111.44
BB0937	0.32	68	31	47.70	15.00	38.80	30.00	10.80	15.00	45.00	0.00	0.00	0.00	0.00	60.00	5	18.0	3	2					0.32	14.40
BB0939	20.03	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					20.03	0.00
BB1025	0.04	55	25	46.70	17.30	43.40	27.30	5.40	8.00	35.30	10.50	0.00	0.50	0.70	56.60	5	26.0	3	1	0.04	1.41				
BB1039	2.42	74	21	3.70	1.50	12.60	9.20	12.90	20.00	29.20	0.00	0.00	0.40	0.80	31.50	2	23.0	3	1					2.42	70.66
BB1042	1.18	65	26	18.20	5.30	21.40	15.30	13.30	18.90	34.20	0.00	1.30	0.00	1.10	40.60	2	19.0	3	1	1.18	40.36				
BB1043	0.41	65	22P	50.90	20.00	69.30	50.00	11.80	13.30	63.30	0.00	0.00	0.00	0.00	83.30	1	30.0	3	1			0.41	25.95		
HCC06	0.72	75	26	5.90	1.50	5.70	4.50	9.30	16.00	20.50	0.00	0.50	0.60	2.00	24.00	8	14.0	3	1					0.72	14.76
HCC10	58.77	83	26U	14.70	4.00	12.50	9.50	10.90	16.50	26.00	7.60	0.00	0.00	0.00	32.00	1	10.0	3	1					58.77	1528.02
HCC108	0.90	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.90	0.00
HCC109	1.12	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.12	0.00
HCC11	2.93	14	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.93	0.00
HCC12	4.79	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					4.79	0.00
HCC28	30.55	83	26	14.70	4.00	12.50	9.50	10.90	16.50	26.00	7.60	0.00	0.00	0.00	32.00	1	10.0	3	1					30.55	794.30
	177.20																			**24.58**	**894.41**	**0.41**	**25.95**	**152.21**	**2,533.58**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
21 = Longleaf Pine
22 = Slash Pine
25 = Mixed Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted
ND = No data taken

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Value does not meet Managed StabilityStandard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	HCC06					0.72	14.76
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.72**	**14.76**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	24.58	**894.41**	**0.41**	**25.95**	**151.49**	**2,518.82**

Suitable and Potentially Suitable	
Acres	BA
24.99	**920.36**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
176.48	**3,439.18**

Appendix E. Table 72. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **HCC-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
A0904	15.18	60	25	24.40	8.00	26.30	18.50	13.10	18.00	36.50	5.90	4.20	0.40	3.50	49.50	4	34.0	10	3	2					15.18	554.07
A0906	1.84	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.84	0.00
A0907	18.13	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					18.13	0.00
A0908	8.18	60	25	24.40	8.00	26.30	18.50	13.10	18.00	36.50	5.90	4.20	0.40	3.50	49.50	4	34.0	10	3	2					8.18	298.57
BB0936	9.69	9	21P	14.40	5.00	16.20	10.50	0.90	1.00	11.50	0.00	0.00	0.00	0.00	16.50	1	40.0	0	3	2					9.69	111.44
BB0937	0.32	68	31	47.70	15.00	38.80	30.00	10.80	15.00	45.00	0.00	0.00	0.00	0.00	60.00	5	18.0	0	3	2					0.32	14.40
BB0939	20.03	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					20.03	0.00
BB1025	0.04	55	25	46.70	17.30	43.40	27.30	5.40	8.00	35.30	10.50	0.00	0.50	0.70	56.60	5	26.0	1	3	1					0.04	1.41
BB1039	2.42	74	21	3.70	1.50	12.60	9.20	12.90	20.00	29.20	0.00	0.00	0.40	0.80	31.50	2	23.0	2	3	1					2.42	70.66
BB1042	1.18	65	26	18.20	5.30	21.40	15.30	13.30	18.90	34.20	0.00	1.30	0.00	1.10	40.60	2	19.0	4	3	1					1.18	40.36
BB1043	0.41	65	22P	50.90	20.00	69.30	50.00	11.80	13.30	63.30	0.00	0.00	0.00	0.00	83.30	1	30.0	0	3	1					0.41	25.95
HCC06	0.72	75	26	5.90	1.50	5.70	4.50	9.30	16.00	20.50	0.00	0.50	0.60	2.00	24.00	8	14.0	7	3	1					0.72	14.76
HCC10	58.77	83	26U	14.70	4.00	12.50	9.50	10.90	16.50	26.00	7.60	0.00	0.00	0.00	32.00	1	10.0	0	3	1					58.77	1,528.02
HCC108	0.90	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.90	0.00
HCC109	1.12	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.12	0.00
HCC11	2.93	14	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.93	0.00
HCC12	4.79	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.79	0.00
HCC28	30.55	83	26	14.70	4.00	12.50	9.50	10.90	16.50	26.00	7.60	0.00	0.00	0.00	32.00	1	10.0	0	3	1					30.55	794.30
	177.20																				**0.00**	**0.00**	**0.00**	**0.00**	**177.20**	**3,453.94**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
21 = Longleaf Pine
22 = Slash Pine
25 = Mixed Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted
ND = No data taken

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	HCC06					0.72	14.76
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.72**	**14.76**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**0.00**	**0.00**	**176.48**	**3,439.18**
	Suitable and Potentially Suitable					
	Acres		BA			
	0.00		**0.00**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	176.48		**3,439.18**			

Appendix E. Table 73. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **J03-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
J0115	2.21	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.21	0.00
J0116	0.01	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.01	0.00
J0118	26.50	46	25U	14.80	3.50	18.40	12.50	11.30	17.50	30.00	9.00	3.20	1.40	5.00	40.50	4	26.0	3	1	26.50	795.00				
J0119	2.44	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.44	0.00
J0211	12.55	134	26	4.30	0.70	0.00	0.00	19.10	41.40	41.40	0.00	2.30	3.10	7.10	49.20	2	14.0	3	1	12.55	519.57				
J0212	27.28	92	21	8.80	2.50	18.90	14.50	15.40	25.00	39.50	0.00	0.00	1.40	3.00	45.00	1	23.0	3	1	27.28	1077.56				
J0228	3.15	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.15	0.00
J0230	18.51	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					18.51	0.00
J0304	9.54	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					9.54	0.00
J0311	1.46	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.46	0.00
J0313	10.83	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					10.83	0.00
J0314	22.89	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					22.89	0.00
J0315	5.94	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.94	0.00
J0319	6.38	8	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.38	0.00
J0320	16.35	0	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					16.35	0.00
J0321	4.93	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					4.93	0.00
J0322	27.31	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					27.31	0.00
J0327	8.36	68	26	19.00	6.50	16.80	13.00	18.30	32.00	45.00	1.10	4.50	2.20	7.00	59.00	2	26.0	3	1	8.36	376.20				
J0419	2.53	95	26	0.00	0.00	25.10	20.00	33.20	56.70	76.70	0.00	0.00	3.10	6.70	83.40	5	23.0	3	1					2.53	194.05
J0420	11.62	8	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					11.62	0.00
J0424	0.49	52	25	73.30	22.70	38.70	24.00	14.60	20.70	44.70	0.00	1.10	1.60	4.00	71.40	1	31.0	3	1					0.49	21.90
J0429	0.33	52	25	63.10	15.40	59.20	38.50	8.20	10.00	48.50	4.00	2.10	2.50	5.30	70.70	4	30.0	3	1	0.33	16.01				
	221.61																			**75.02**	**2,784.34**	**0.00**	**0.00**	**146.59**	**215.95**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	75.02	2,784.34	0.00	0.00	146.59	215.95

Suitable and Potentially Suitable	
Acres	BA
75.02	2,784.34

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
221.61	3,000.29

Appendix E. Table 74. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **J03-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
J0115	2.21	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.21	0.00
J0116	0.01	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.01	0.00
J0118	26.50	46	25U	14.80	3.50	18.40	12.50	11.30	17.50	30.00	9.00	3.20	1.40	5.00	40.50	4	26.0	13	3	1					26.50	795.00
J0119	2.44	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.44	0.00
J0211	12.55	134	26	4.30	0.70	0.00	0.00	19.10	41.40	41.40	0.00	2.30	3.10	7.10	49.20	2	14.0	22	3	1			12.55	519.57		
J0212	27.28	92	21	8.80	2.50	18.90	14.50	15.40	25.00	39.50	0.00	0.00	1.40	3.00	45.00	1	23.0	4	3	1					27.28	1,077.56
J0228	3.15	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.15	0.00
J0230	18.51	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					18.51	0.00
J0304	9.54	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					9.54	0.00
J0311	1.46	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.46	0.00
J0313	10.83	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					10.83	0.00
J0314	22.89	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					22.89	0.00
J0315	5.94	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.94	0.00
J0319	6.38	8	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.38	0.00
J0320	16.35	0	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					16.35	0.00
J0321	4.93	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.93	0.00
J0322	27.31	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					27.31	0.00
J0327	8.36	68	26	19.00	6.50	16.80	13.00	18.30	32.00	45.00	1.10	4.50	2.20	7.00	59.00	2	26.0	16	3	1			8.36	376.20		
J0419	2.53	95	26	0.00	0.00	25.10	20.00	33.20	56.70	76.70	0.00	0.00	3.10	6.70	83.40	5	23.0	5	3	1			2.53	194.05		
J0420	11.62	8	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					11.62	0.00
J0424	0.49	52	25	73.30	22.70	38.70	24.00	14.60	20.70	44.70	0.00	1.10	1.60	4.00	71.40	1	31.0	5	3	1					0.49	21.90
J0429	0.33	52	25	63.10	15.40	59.20	38.50	8.20	10.00	48.50	4.00	2.10	2.50	5.30	70.70	4	30.0	6	3	1					0.33	16.01
	221.61																				**0.00**	**0.00**	**23.44**	**1,089.82**	**198.17**	**1,910.47**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	23.44	1,089.82	198.17	1,910.47

Suitable and Potentially Suitable	
Acres	BA
23.44	1,089.82

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
221.61	3,000.29

Appendix E. Table 75. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **J04-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
J0320	0.28	0	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					0.28	0.00
J0323	9.16	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					9.16	0.00
J0324	8.23	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					8.23	0.00
J0326	1.27	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					1.27	0.00
J0408	14.81	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					14.81	0.00
J0409	3.27	97	26U	14.50	4.00	5.20	4.00	13.60	22.00	26.00	12.10	3.70	1.70	4.00	36.00	1	28.0	0	0					3.27	85.02
J0410	2.63	102	25	69.30	18.90	32.80	23.30	14.60	21.10	44.40	2.50	0.00	2.00	2.20	66.60	5	23.0	3	1	2.63	116.77				
J0412	48.93	95	26	15.10	4.50	4.00	3.50	17.30	32.00	35.50	7.10	7.00	2.40	8.00	50.00	4	18.0	3	1	48.93	1737.02				
J0417	4.01	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					4.01	0.00
J0418	11.97	101	26	45.40	12.30	25.50	17.70	13.60	22.30	40.00	3.40	4.40	3.80	8.50	62.30	5	11.0	3	1	11.97	478.80				
J0420	19.72	8	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					19.72	0.00
J0421	11.02	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					11.02	0.00
J0422	2.18	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.18	0.00
J0424	0.05	52	25	73.30	22.70	38.70	24.00	14.60	20.70	44.70	0.00	1.10	1.60	4.00	71.40	1	31.0	3	1			0.05	2.24		
J0426	5.62	102	10	40.70	10.50	17.70	11.00	6.30	9.00	20.00	54.50	9.90	2.80	10.50	55.00	1	20.0	3	1					5.62	112.40
J0508	1.36	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.36	0.00
J0509	2.58	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.58	0.00
J0515	0.38	8	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.38	0.00
	147.47																			**63.53**	**2,332.59**	**0.05**	**2.24**	**83.89**	**197.42**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	63.53	**2,332.59**	**0.05**	**2.24**	**83.89**	**197.42**
	Suitable and Potentially Suitable					
	Acres		BA			
	63.58		**2,334.83**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	147.47		**2,532.25**			

Appendix E. Table 76. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **J04-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
J0320	0.28	0	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					0.28	0.00
J0323	9.16	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					9.16	0.00
J0324	8.23	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					8.23	0.00
J0326	1.27	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					1.27	0.00
J0408	14.81	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					14.81	0.00
J0409	3.27	97	26U	14.50	4.00	5.20	4.00	13.60	22.00	26.00	12.10	3.70	1.70	4.00	36.00	1	28.0	22	0	0					3.27	85.02
J0410	2.63	102	25	69.30	18.90	32.80	23.30	14.60	21.10	44.40	2.50	0.00	2.00	2.20	66.60	5	23.0	4	3	1					2.63	116.77
J0412	48.93	95	26	15.10	4.50	4.00	3.50	17.30	32.00	35.50	7.10	7.00	2.40	8.00	50.00	4	18.0	31	3	1					48.93	1,737.02
J0417	4.01	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.01	0.00
J0418	11.97	101	26	45.40	12.30	25.50	17.70	13.60	22.30	40.00	3.40	4.40	3.80	8.50	62.30	5	11.0	17	3	1					11.97	478.80
J0420	19.72	8	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					19.72	0.00
J0421	11.02	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					11.02	0.00
J0422	2.18	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.18	0.00
J0424	0.05	52	25	73.30	22.70	38.70	24.00	14.60	20.70	44.70	0.00	1.10	1.60	4.00	71.40	1	31.0	5	3	1					0.05	2.24
J0426	5.62	102	10	40.70	10.50	17.70	11.00	6.30	9.00	20.00	54.50	9.90	2.80	10.50	55.00	1	20.0	35	3	1					5.62	112.40
J0508	1.36	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.36	0.00
J0509	2.58	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.58	0.00
J0515	0.38	8	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.38	0.00
	147.47																				**0.00**	**0.00**	**0.00**	**0.00**	**147.47**	**2,532.25**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	0.00	0.00	147.47	2,532.25
	Suitable and Potentially Suitable					
	Acres		BA			
	0.00		0.00			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	147.47		2,532.25			

Appendix E. Table 77. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **K04-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
K0424	1.10	52	13	38.90	11.50	14.90	10.50	9.70	15.50	26.00	36.20	6.70	2.70	8.50	58.00	7	12.0	3	1					1.10	28.60
K0429	21.00	62	26	62.60	15.80	42.80	28.90	12.60	19.50	48.40	0.00	0.00	0.30	0.50	64.70	1	16.0	3	1	21.00	1016.40				
K0434	14.80	131	21	0.00	0.00	6.20	4.00	27.50	51.00	55.00	4.10	0.00	0.60	2.00	58.00	1	22.0	3	1	14.80	814.00				
K0438	7.60	101	31	46.80	10.00	37.00	28.30	14.80	20.00	48.30	0.00	0.00	3.80	6.70	65.00	3	25.0	3	1	7.60	367.08				
K0441	0.87	101	13	76.40	17.50	39.40	27.50	7.30	10.00	37.50	22.50	12.70	2.40	10.00	72.50	7	20.0	3	1			0.87	32.63		
O0103	3.71	79	26	5.90	1.50	7.60	6.00	14.70	21.00	27.00	20.00	2.80	2.00	5.00	38.50	1	28.0	3	1					3.71	100.17
O0110	0.42	101	31	58.40	18.60	12.70	10.00	37.90	57.10	67.10	47.50	11.40	3.40	11.40	111.40	7	0.0	3	1			0.42	28.18		
O0819	10.39	61	26	13.80	3.50	19.80	15.00	15.20	21.00	36.00	8.70	0.00	0.70	1.00	43.50	1	20.0	3	1	10.39	374.04				
O0822	0.05	87	26	59.40	18.30	46.20	32.50	22.00	29.20	61.70	8.10	12.70	1.40	10.90	93.40	5	11.0	3	1			0.05	3.09		
O0823	4.99	61	26	29.60	8.00	28.20	20.70	35.10	51.30	72.00	3.20	6.70	1.50	6.00	87.30	1	16.0	3	1	4.99	359.28				
O0826	8.17	59	26	12.40	4.50	32.00	22.00	15.20	21.50	43.50	10.50	3.40	1.30	4.50	54.50	2	29.0	3	1	8.17	355.40				
O0827	13.23	71	26U	44.10	12.00	27.20	18.00	15.90	21.00	39.00	9.30	0.80	1.20	2.00	55.50	1	39.0	3	1	13.23	515.97				
O0828	12.00	71	26	48.90	12.70	29.80	21.30	21.60	33.30	54.60	0.00	1.30	0.60	1.40	68.70	1	29.0	3	1	12.00	655.20				
	98.33																			**92.18**	**4,457.37**	**1.34**	**63.90**	**4.81**	**128.77**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
K0441			0.87	32.63		
TOTALS	**0.00**	**0.00**	**0.87**	**32.63**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
92.18	**4,457.37**	**0.47**	**31.27**	**4.81**	**128.77**

Suitable and Potentially Suitable	
Acres	BA
92.65	**4,488.64**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
97.46	**4,617.41**

Appendix E. Table 78. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **K04-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
K0424	1.10	52	13	38.90	11.50	14.90	10.50	9.70	15.50	26.00	36.20	6.70	2.70	8.50	58.00	7	12.0	28	3	1					1.10	28.60
K0429	21.00	62	26	62.60	15.80	42.80	28.90	12.60	19.50	48.40	0.00	0.00	0.30	0.50	64.70	1	16.0	1	3	1					21.00	1,016.40
K0434	14.80	131	21	0.00	0.00	6.20	4.00	27.50	51.00	55.00	4.10	0.00	0.60	2.00	58.00	1	22.0	2	3	1			14.80	814.00		
K0438	7.60	101	31	46.80	10.00	37.00	28.30	14.80	20.00	48.30	0.00	0.00	3.80	6.70	65.00	3	25.0	7	3	1					7.60	367.08
K0441	0.87	101	13	76.40	17.50	39.40	27.50	7.30	10.00	37.50	22.50	12.70	2.40	10.00	72.50	7	20.0	24	3	1					0.87	32.63
O0103	3.71	79	26	5.90	1.50	7.60	6.00	14.70	21.00	27.00	20.00	2.80	2.00	5.00	38.50	1	28.0	18	3	1					3.71	100.17
O0110	0.42	101	31	58.40	18.60	12.70	10.00	37.90	57.10	67.10	47.50	11.40	3.40	11.40	111.40	7	0.0	23	3	1			0.42	28.18		
O0819	10.39	61	26	13.80	3.50	19.80	15.00	15.20	21.00	36.00	8.70	0.00	0.70	1.00	43.50	1	20.0	2	3	1					10.39	374.04
O0822	0.05	87	26	59.40	18.30	46.20	32.50	22.00	29.20	61.70	8.10	12.70	1.40	10.90	93.40	5	11.0	17	3	1			0.05	3.09		
O0823	4.99	61	26	29.60	8.00	28.20	20.70	35.10	51.30	72.00	3.20	6.70	1.50	6.00	87.30	1	16.0	11	3	1			4.99	359.28		
O0826	8.17	59	26	12.40	4.50	32.00	22.00	15.20	21.50	43.50	10.50	3.40	1.30	4.50	54.50	2	29.0	9	3	1					8.17	355.40
O0827	13.23	71	26U	44.10	12.00	27.20	18.00	15.90	21.00	39.00	9.30	0.80	1.20	2.00	55.50	1	39.0	4	3	1					13.23	515.97
O0828	12.00	71	26	48.90	12.70	29.80	21.30	21.60	33.30	54.60	0.00	1.30	0.60	1.40	68.70	1	29.0	4	3	1			12.00	655.20		
	98.33																				**0.00**	**0.00**	**32.26**	**1,859.75**	**66.07**	**2,790.29**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	K0441					0.87	32.63
	TOTALS	0.00	0.00	0.00	0.00	0.87	32.63

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	32.26	1,859.75	65.20	2,757.66

Suitable and Potentially Suitable	
Acres	BA
32.26	1,859.75

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
97.46	4,617.41

Appendix E. Table 79. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **K06-A**, Fort Benning, Georgia, using 2014 data

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
K0603	6.05	61	25	34.60	9.00	19.20	13.50	22.40	39.50	53.00	11.40	4.60	3.80	9.00	74.50	1	31.0	3	1	6.05	320.65				
K0606	0.04	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.04	0.00
K0607	15.36	66	26	116.00	32.00	24.20	16.50	10.50	15.50	32.00	7.20	5.70	3.10	8.50	75.50	1	28.0	3	1			15.36	491.52		
K0609	100.28	73	26	21.10	6.50	31.50	22.50	12.60	20.50	43.00	5.40	3.10	0.40	2.50	54.00	1	28.0	3	1	100.28	4,312.04				
K0611	40.25	79	26	50.20	12.00	18.00	13.50	14.40	23.00	36.50	1.90	2.70	1.20	4.00	53.00	2	38.0	3	1	40.25	1,469.13				
K0612	44.26	65	25	115.90	30.00	26.50	19.00	12.80	20.50	39.50	12.50	2.80	0.00	2.00	75.00	1	36.0	3	1			44.26	1,748.27		
K0613	7.02	2	21P	0.00	0.00	1.20	1.00	3.30	5.50	6.50	0.00	0.00	0.00	0.00	6.50	1	30.0	3	1					7.02	45.63
	213.26																			**146.58**	**6,101.82**	**59.62**	**2,239.79**	**7.06**	**45.63**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

			Suitable		Potentially Suitable		Future Potential	
	Stand	Project Name and Number	Acres	BA	Acres	BA	Acres	BA
PROJECT REMOVALS	K0609	Scout Leaders Course - Heavy	15.29	657.47				
	K0613	Maneuver (PN 69743)					7.02	45.63
		PROJECT TOTALS	**15.29**	**657.47**	**0.00**	**0.00**	**7.02**	**45.63**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	131.29	**5,444.35**	**59.62**	**2,239.79**	**0.04**	**0.00**
	Suitable and Potentially Suitable					
	Acres		BA			
	190.91		**7,684.14**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	190.95		**7,684.14**			

Appendix E. Table 80. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **K06-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
K0603	6.05	61	25	34.60	9.00	19.20	13.50	22.40	39.50	53.00	11.40	4.60	3.80	9.00	74.50	1	31.0	17	3	1			6.05	320.65		
K0606	0.04	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.04	0.00
K0607	15.36	66	26	116.00	32.00	24.20	16.50	10.50	15.50	32.00	7.20	5.70	3.10	8.50	75.50	1	28.0	20	3	1					15.36	491.52
K0609	100.28	73	26	21.10	6.50	31.50	22.50	12.60	20.50	43.00	5.40	3.10	0.40	2.50	54.00	1	28.0	7	3	1					100.28	4,312.04
K0611	40.25	79	26	50.20	12.00	18.00	13.50	14.40	23.00	36.50	1.90	2.70	1.20	4.00	53.00	2	38.0	11	3	1					40.25	1,469.13
K0612	44.26	65	25	115.90	30.00	26.50	19.00	12.80	20.50	39.50	12.50	2.80	0.00	2.00	75.00	1	36.0	7	3	1					44.26	1,748.27
K0613	7.02	2	21P	0.00	0.00	1.20	1.00	3.30	5.50	6.50	0.00	0.00	0.00	0.00	6.50	1	30.0	0	3	1					7.02	45.63
	213.26																				**0.00**	**0.00**	**6.05**	**320.65**	**207.21**	**8,066.59**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	K0609	Scout Leaders Course - Heavy Maneuver (PN 69743)					15.29	657.47
	K0613						7.02	45.63
		PROJECT TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**22.31**	**703.10**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT							
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
0.00	**0.00**	**6.05**	**320.65**	**184.90**	**7,363.49**

BASELINE TOTALS

Suitable and Potentially Suitable	
Acres	BA
6.05	**320.65**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
190.95	**7,684.14**

Appendix E. Table 81. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **K07-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
K0709	14.75	51	31	20.20	5.50	20.70	15.00	17.70	25.50	40.50	1.70	0.70	0.80	1.50	48.00	2	36.0	3	1	14.75	597.38				
K0717	4.64	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					4.64	0.00
K0718	22.65	53	31	5.80	2.60	24.80	19.50	28.60	40.00	59.50	3.40	0.60	3.10	4.70	67.90	1	19.0	3	1	22.65	1347.68				
K0720	35.24	63	25	14.30	4.40	24.20	17.20	16.90	25.60	42.80	1.20	0.80	1.70	3.40	51.20	1	22.0	3	1	35.24	1508.27				
K0721	16.27	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					16.27	0.00
K0722	28.86	54	25	16.30	5.50	16.00	12.50	16.40	25.00	37.50	10.10	5.60	2.80	7.50	53.50	5	28.0	3	1	28.86	1082.25				
K0725	8.40	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					8.40	0.00
K0726	61.29	61	10	18.00	6.00	23.80	16.50	13.00	20.00	36.50	17.30	10.90	3.40	13.00	61.50	7	25.0	3	1			61.29	2237.09		
K0728	17.40	52	31	3.60	1.50	17.80	14.50	20.60	31.00	45.50	17.40	8.80	4.40	13.00	65.50	5	22.0	3	1			17.40	791.70		
K0729	3.82	52	25	14.50	5.00	24.40	18.50	26.00	35.00	53.50	12.90	1.40	1.00	2.50	65.50	1	30.0	3	1	3.82	204.37				
O3438	2.23	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.23	0.00
O3463	13.68	76	13	42.90	13.60	19.10	12.10	17.90	27.90	40.00	30.20	8.20	3.00	10.00	72.20	7	17.0	3	1			13.68	547.20		
O3464	3.33	76	10	53.60	14.00	8.40	6.00	12.80	18.00	24.00	40.60	9.80	6.60	16.00	66.50	7	20.0	3	1					3.33	79.92
RUTH03	14.18	45	25	73.10	19.50	32.20	22.50	10.70	14.50	37.00	20.00	5.80	2.80	8.50	70.00	1	9.0	3	1	14.18	524.66				
RUTH05	14.88	48	26	58.90	17.50	38.90	28.00	14.80	20.00	48.00	0.00	0.00	0.90	1.00	66.50	1	39.0	3	1	14.88	714.24				
RUTH06	21.44	48	26	53.80	16.50	26.60	18.00	3.10	5.00	23.00	14.90	1.90	1.30	3.00	46.50	1	20.0	3	1					21.44	493.12
RUTH08	2.03	52	25	0.00	0.00	70.90	55.00	22.10	25.00	80.00	0.00	0.00	0.00	0.00	80.00	1	35.0	3	1	2.03	162.40				
RUTH21	8.37	50	31	100.70	29.50	53.90	36.80	9.90	11.60	48.40	1.90	0.60	0.50	1.00	79.40	1	32.0	3	1			8.37	405.11		
	293.46																			**136.41**	**6,141.25**	**100.74**	**3,981.10**	**56.31**	**573.04**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	136.41	**6,141.25**	**100.74**	**3,981.10**	**56.31**	**573.04**
	Suitable and Potentially Suitable					
	Acres		BA			
	237.15		**10,122.35**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	293.46		**10,695.39**			

Appendix E. Table 82. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **K07-A**, Fort Benning, Georgia, using 2014 data

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
K0709	14.75	51	31	20.20	5.50	20.70	15.00	17.70	25.50	40.50	1.70	0.70	0.80	1.50	48.00	2	36.0	4	3	1					14.75	597.38
K0717	4.64	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.64	0.00
K0718	22.65	53	31	5.80	2.60	24.80	19.50	28.60	40.00	59.50	3.40	0.60	3.10	4.70	67.90	1	19.0	6	3	1					22.65	1,347.68
K0720	35.24	63	25	14.30	4.40	24.20	17.20	16.90	25.60	42.80	1.20	0.80	1.70	3.40	51.20	1	22.0	6	3	1					35.24	1,508.27
K0721	16.27	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					16.27	0.00
K0722	28.86	54	25	16.30	5.50	16.00	12.50	16.40	25.00	37.50	10.10	5.60	2.80	7.50	53.50	5	28.0	21	3	1					28.86	1,082.25
K0725	8.40	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					8.40	0.00
K0726	61.29	61	10	18.00	6.00	23.80	16.50	13.00	20.00	36.50	17.30	10.90	3.40	13.00	61.50	7	25.0	28	3	1					61.29	2,237.09
K0728	17.40	52	31	3.60	1.50	17.80	14.50	20.60	31.00	45.50	17.40	8.80	4.40	13.00	65.50	5	22.0	26	3	1					17.40	791.70
K0729	3.82	52	25	14.50	5.00	24.40	18.50	26.00	35.00	53.50	12.90	1.40	1.00	2.50	65.50	1	30.0	5	3	1					3.82	204.37
O3438	2.23	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.23	0.00
O3463	13.68	76	13	42.90	13.60	19.10	12.10	17.90	27.90	40.00	30.20	8.20	3.00	10.00	72.20	7	17.0	23	3	1					13.68	547.20
O3464	3.33	76	10	53.60	14.00	8.40	6.00	12.80	18.00	24.00	40.60	9.80	6.60	16.00	66.50	7	20.0	44	3	1					3.33	79.92
RUTH03	14.18	45	25	73.10	19.50	32.20	22.50	10.70	14.50	37.00	20.00	5.80	2.80	8.50	70.00	1	9.0	17	3	1					14.18	524.66
RUTH05	14.88	48	26	58.90	17.50	38.90	28.00	14.80	20.00	48.00	0.00	0.00	0.90	1.00	66.50	1	39.0	2	3	1					14.88	714.24
RUTH06	21.44	48	26	53.80	16.50	26.60	18.00	3.10	5.00	23.00	14.90	1.90	1.30	3.00	46.50	1	20.0	10	3	1					21.44	493.12
RUTH08	2.03	52	25	0.00	0.00	70.90	55.00	22.10	25.00	80.00	0.00	0.00	0.00	0.00	80.00	1	35.0	0	3	1					2.03	162.40
RUTH21	8.37	50	31	100.70	29.50	53.90	36.80	9.90	11.60	48.40	1.90	0.60	0.50	1.00	79.40	1	32.0	2	3	1					8.37	405.11
	293.46																				**0.00**	**0.00**	**0.00**	**0.00**	**293.46**	**10,695.39**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	0.00	0.00	293.46	10,695.39
	Suitable and Potentially Suitable					
	Acres		BA			
	0.00		0.00			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	293.46		10,695.39			

Appendix E. Table 83. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **K14-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
K1416	1.60	74	26	22.50	5.00	10.10	7.50	20.70	30.00	37.50	3.10	3.90	0.00	2.50	45.80	4	28.0	3	1	1.60	60.00				
K1417	4.35	74	21	0.00	0.00	22.90	17.10	33.20	48.60	65.70	0.00	0.00	2.60	2.90	68.60	2	24.0	3	1	4.35	285.80				
K1418	4.14	74	26	10.60	3.30	22.50	17.20	22.30	35.00	52.20	2.40	2.90	2.20	5.00	61.60	1	36.0	3	1	4.14	216.11				
K1419	62.52	91	21	13.10	4.50	14.10	10.00	24.60	37.00	47.00	10.30	3.30	1.50	4.00	59.00	2	30.0	3	1	62.52	2,938.44				
K1613	0.63	79	31	9.80	2.50	12.30	10.00	21.60	32.50	42.50	3.90	3.80	2.50	5.50	51.50	2	40.0	3	1	0.63	26.78				
K1614	21.69	79	31	9.80	2.50	12.30	10.00	21.60	32.50	42.50	3.90	3.80	2.50	5.50	51.50	2	40.0	3	1	21.69	921.83				
K1618	35.54	79	31	9.80	2.50	12.30	10.00	21.60	32.50	42.50	3.90	3.80	2.50	5.50	51.50	2	40.0	3	1	35.54	1,510.45				
	130.47																			**130.47**	**5,959.41**	**0.00**	**0.00**	**0.00**	**0.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine

Value does not meet Managed Stability Standard requirement.s

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
130.47	**5,959.41**	**0.00**	**0.00**	**0.00**	**0.00**

Suitable and Potentially Suitable	
Acres	BA
130.47	**5,959.41**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
130.47	**5,959.41**

Appendix E. Table 84. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **K14-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
K1416	1.60	74	26	22.50	5.00	10.10	7.50	20.70	30.00	37.50	3.10	3.90	0.00	2.50	45.80	4	28.0	11	3	1					1.60	60.00
K1417	4.35	74	21	0.00	0.00	22.90	17.10	33.20	48.60	65.70	0.00	0.00	2.60	2.90	68.60	2	24.0	4	3	1			4.35	285.80		
K1418	4.14	74	26	10.60	3.30	22.50	17.20	22.30	35.00	52.20	2.40	2.90	2.20	5.00	61.60	1	36.0	10	3	1			4.14	216.11		
K1419	62.52	91	21	13.10	4.50	14.10	10.00	24.60	37.00	47.00	10.30	3.30	1.50	4.00	59.00	2	30.0	11	3	1			62.52	2,938.44		
K1613	0.63	79	31	9.80	2.50	12.30	10.00	21.60	32.50	42.50	3.90	3.80	2.50	5.50	51.50	2	40.0	16	3	1	0.63	26.78				
K1614	21.69	79	31	9.80	2.50	12.30	10.00	21.60	32.50	42.50	3.90	3.80	2.50	5.50	51.50	2	40.0	16	3	1	21.69	921.83				
K1618	35.54	79	31	9.80	2.50	12.30	10.00	21.60	32.50	42.50	3.90	3.80	2.50	5.50	51.50	2	40.0	16	3	1	35.54	1,510.45				
	130.47																				**57.86**	**2,459.06**	**71.01**	**3,440.35**	**1.60**	**60.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
57.86	**2,459.06**	**71.01**	**3,440.35**	**1.60**	**60.00**

Suitable and Potentially Suitable	
Acres	BA
128.87	**5,899.41**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
130.47	**5,959.41**

Appendix E. Table 85. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **K16-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre						Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh									Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh					Acres	BA	Acres	BA	Acres	BA
K1419	0.45	91	21	13.10	4.50	14.10	10.00	24.60	37.00	47.00	10.30	3.30	1.50	4.00	59.00	2	30.0	3	1	0.45	21.15				
K1604	26.26	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					26.26	0.00
K1605	3.46	79	31	9.80	2.50	12.30	10.00	21.60	32.50	42.50	3.90	3.80	2.50	5.50	51.50	2	40.0	3	1	3.46	147.05				
K1606	24.51	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					24.51	0.00
K1607	26.71	79	26	18.80	5.50	8.60	6.50	17.40	26.00	32.50	23.00	11.80	1.50	10.00	55.00	2	28.0	3	1			26.71	868.08		
K1608	8.24	79	26	18.80	5.50	8.60	6.50	17.40	26.00	32.50	23.00	11.80	1.50	10.00	55.00	2	28.0	3	1			8.24	267.80		
K1609	3.81	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.81	0.00
K1611	5.58	79	26	18.80	5.50	8.60	6.50	17.40	26.00	32.50	23.00	11.80	1.50	10.00	55.00	2	28.0	3	1			5.58	181.35		
K1613	22.88	79	31	9.80	2.50	12.30	10.00	21.60	32.50	42.50	3.90	3.80	2.50	5.50	51.50	2	40.0	3	1	22.88	972.40				
K1614	14.81	79	31	9.80	2.50	12.30	10.00	21.60	32.50	42.50	3.90	3.80	2.50	5.50	51.50	2	40.0	3	1	14.81	629.43				
	136.71																			**41.60**	**1,770.03**	**40.53**	**1,317.23**	**54.58**	**0.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permane

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
41.60	**1,770.03**	**40.53**	**1,317.23**	**54.58**	**0.00**

Suitable and Potentially Suitable	
Acres	BA
82.13	**3,087.26**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
136.71	**3,087.26**

Appendix E. Table 86. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **K16-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITA TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
K1419	0.45	91	21	13.10	4.50	14.10	10.00	24.60	37.00	47.00	10.30	3.30	1.50	4.00	59.00	2	30.0	11	3	1			0.45	21.15		
K1604	26.26	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					26.26	0.00
K1605	3.46	79	31	9.80	2.50	12.30	10.00	21.60	32.50	42.50	3.90	3.80	2.50	5.50	51.50	2	40.0	16	3	1	3.46	147.05				
K1606	24.51	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					24.51	0.00
K1607	26.71	79	26	18.80	5.50	8.60	6.50	17.40	26.00	32.50	23.00	11.80	1.50	10.00	55.00	2	28.0	34	3	1					26.71	868.08
K1608	8.24	79	26	18.80	5.50	8.60	6.50	17.40	26.00	32.50	23.00	11.80	1.50	10.00	55.00	2	28.0	34	3	1					8.24	267.80
K1609	3.81	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.81	0.00
K1611	5.58	79	26	18.80	5.50	8.60	6.50	17.40	26.00	32.50	23.00	11.80	1.50	10.00	55.00	2	28.0	34	3	1					5.58	181.35
K1613	22.88	79	31	9.80	2.50	12.30	10.00	21.60	32.50	42.50	3.90	3.80	2.50	5.50	51.50	2	40.0	16	3	1	22.88	972.40				
K1614	14.81	79	31	9.80	2.50	12.30	10.00	21.60	32.50	42.50	3.90	3.80	2.50	5.50	51.50	2	40.0	16	3	1	14.81	629.43				
	136.71																				**41.15**	**1,748.88**	**0.45**	**21.15**	**95.11**	**1,317.23**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	41.15	1,748.88	0.45	21.15	95.11	1,317.23

Suitable and Potentially Suitable	
Acres	BA
41.60	1,770.03

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
136.71	3,087.26

Appendix E. Table 87. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **K16-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
K1608	1.63	79	26	18.80	5.50	8.60	6.50	17.40	26.00	32.50	23.00	11.80	1.50	10.00	55.00	2	28.0	3	1			1.63	52.98		
K1609	0.32	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.32	0.00
K1610	18.64	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					18.64	0.00
K1611	13.58	79	26	18.80	5.50	8.60	6.50	17.40	26.00	32.50	23.00	11.80	1.50	10.00	55.00	2	28.0	3	1			13.58	441.35		
K1612	26.11	79	26	13.80	4.00	18.30	14.00	17.00	26.00	40.00	7.30	3.80	1.30	4.50	51.00	1	32.0	3	1	26.11	1,044.40				
K1614	49.27	79	31	9.80	2.50	12.30	10.00	21.60	32.50	42.50	3.90	3.80	2.50	5.50	51.50	2	40.0	3	1	49.27	2,093.98				
K1615	10.03	79	31	9.80	2.50	12.30	10.00	21.60	32.50	42.50	3.90	3.80	2.50	5.50	51.50	2	40.0	3	1	10.03	426.28				
K1616	5.27	79	26	13.80	4.00	18.30	14.00	17.00	26.00	40.00	7.30	3.80	1.30	4.50	51.00	1	32.0	3	1	5.27	210.80				
K1618	0.48	79	31	9.80	2.50	12.30	10.00	21.60	32.50	42.50	3.90	3.80	2.50	5.50	51.50	2	40.0	3	1	0.48	20.40				
K1903	45.45	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					45.45	0.00
K2012	5.09	97	26	28.40	7.50	13.70	9.50	13.20	20.00	29.50	20.70	11.30	0.00	7.50	51.00	5	28.0	3	2					5.09	150.16
K2015	1.81	88	26	19.00	6.00	12.50	9.00	14.90	23.50	32.50	0.00	0.00	0.00	0.00	38.50	1	17.0	3	2	1.81	58.83				
	177.68																			**92.97**	**3,854.69**	**15.21**	**494.33**	**69.50**	**150.16**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
92.97	**3,854.69**	**15.21**	**494.33**	**69.50**	**150.16**

Suitable and Potentially Suitable	
Acres	BA
108.18	**4,349.02**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
177.68	**4,499.18**

Appendix E. Table 88. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **K16-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
K1608	1.63	79	26	18.80	5.50	8.60	6.50	17.40	26.00	32.50	23.00	11.80	1.50	10.00	55.00	2	28.0	34	3	1					1.63	52.98
K1609	0.32	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.32	0.00
K1610	18.64	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					18.64	0.00
K1611	13.58	79	26	18.80	5.50	8.60	6.50	17.40	26.00	32.50	23.00	11.80	1.50	10.00	55.00	2	28.0	34	3	1					13.58	441.35
K1612	26.11	79	26	13.80	4.00	18.30	14.00	17.00	26.00	40.00	7.30	3.80	1.30	4.50	51.00	1	32.0	13	3	1					26.11	1,044.40
K1614	49.27	79	31	9.80	2.50	12.30	10.00	21.60	32.50	42.50	3.90	3.80	2.50	5.50	51.50	2	40.0	16	3	1	49.27	2,093.98				
K1615	10.03	79	31	9.80	2.50	12.30	10.00	21.60	32.50	42.50	3.90	3.80	2.50	5.50	51.50	2	40.0	16	3	1	10.03	426.28				
K1616	5.27	79	26	13.80	4.00	18.30	14.00	17.00	26.00	40.00	7.30	3.80	1.30	4.50	51.00	1	32.0	13	3	1					5.27	210.80
K1618	0.48	79	31	9.80	2.50	12.30	10.00	21.60	32.50	42.50	3.90	3.80	2.50	5.50	51.50	2	40.0	16	3	1	0.48	20.40				
K1903	45.45	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					45.45	0.00
K2012	5.09	97	26	28.40	7.50	13.70	9.50	13.20	20.00	29.50	20.70	11.30	0.00	7.50	51.00	5	28.0	30	3	2					5.09	150.16
K2015	1.81	88	26	19.00	6.00	12.50	9.00	14.90	23.50	32.50	0.00	0.00	0.00	0.00	38.50	1	17.0	0	3	2					1.81	58.83
	177.68																				**59.78**	**2,540.66**	**0.00**	**0.00**	**117.90**	**1,958.52**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	59.78	2,540.66	0.00	0.00	117.90	1,958.52

Suitable and Potentially Suitable	
Acres	BA
59.78	2,540.66

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
177.68	4,499.18

Appendix E. Table 89. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **K20-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
K1902	4.03	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					4.03	0.00
K1903	44.11	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					44.11	0.00
K1906	13.13	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					13.13	0.00
K1907	6.85	56	26	27.10	7.20	7.50	5.60	18.90	28.90	34.50	21.70	8.50	1.10	7.80	56.70	2	18.0	3	1	6.85	236.33				
K1910	4.16	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					4.16	0.00
K1911	0.26	77	25	61.10	15.50	13.80	9.50	17.00	26.00	35.50	8.90	2.50	0.80	3.00	56.50	1	29.0	3	1					0.26	9.23
K1916	2.77	63	31U	20.50	7.50	28.00	18.80	9.80	12.50	31.30	0.00	0.00	1.50	2.50	41.30	1	38.0	3	1					2.77	86.70
K1917	23.13	56	31	68.80	21.00	25.50	19.00	11.60	18.00	37.00	0.00	0.00	0.00	0.00	58.00	8	18.0	3	2			23.13	855.81		
K1924	13.92	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					13.92	0.00
K1929	55.45	56	26	21.70	5.50	12.80	9.00	16.10	25.00	34.00	12.80	4.70	0.00	3.00	46.50	1	23.0	3	1	55.45	1885.30				
K1934	1.39	77	25	61.10	15.50	13.80	9.50	17.00	26.00	35.50	8.90	2.50	0.80	3.00	56.50	1	29.0	3	1					1.39	49.35
K2005	1.76	56	26	50.00	13.70	22.40	15.80	18.90	28.40	44.20	14.30	2.50	1.40	4.20	66.30	1	30.0	3	2	1.76	77.79				
K2012	9.39	97	26	28.40	7.50	13.70	9.50	13.20	20.00	29.50	20.70	11.30	0.00	7.50	51.00	5	28.0	3	2					9.39	277.01
K2014	47.12	85	26	33.30	9.50	18.80	13.50	21.00	33.50	47.00	26.90	2.90	1.10	3.50	67.00	1	28.0	3	2	47.12	2214.64				
K2017	5.79	56	31	30.50	12.00	37.30	26.00	7.80	10.00	36.00	0.00	0.00	0.00	0.00	48.00	4	24.0	3	2	5.79	208.44				
K2018	0.08	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.08	0.00
	233.34																			**116.97**	**4,622.50**	**23.13**	**855.81**	**93.24**	**422.29**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
116.97	**4,622.50**	**23.13**	**855.81**	**93.24**	**422.29**

Suitable and Potentially Suitable

Acres	BA
140.10	**5,478.31**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
233.34	**5,900.60**

Appendix E. Table 90. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **K20-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
K1902	4.03	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.03	0.00
K1903	44.11	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					44.11	0.00
K1906	13.13	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					13.13	0.00
K1907	6.85	56	26	27.10	7.20	7.50	5.60	18.90	28.90	34.50	21.70	8.50	1.10	7.80	56.70	2	18.0	27	3	1					6.85	236.33
K1910	4.16	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.16	0.00
K1911	0.26	77	25	61.10	15.50	13.80	9.50	17.00	26.00	35.50	8.90	2.50	0.80	3.00	56.50	1	29.0	10	3	1					0.26	9.23
K1916	2.77	63	31U	20.50	7.50	28.00	18.80	9.80	12.50	31.30	0.00	0.00	1.50	2.50	41.30	1	38.0	4	3	1					2.77	86.70
K1917	23.13	56	31	68.80	21.00	25.50	19.00	11.60	18.00	37.00	0.00	0.00	0.00	0.00	58.00	8	18.0	0	3	2					23.13	855.81
K1924	13.92	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					13.92	0.00
K1929	55.45	56	26	21.70	5.50	12.80	9.00	16.10	25.00	34.00	12.80	4.70	0.00	3.00	46.50	1	23.0	14	3	1					55.45	1885.30
K1934	1.39	77	25	61.10	15.50	13.80	9.50	17.00	26.00	35.50	8.90	2.50	0.80	3.00	56.50	1	29.0	10	3	1					1.39	49.35
K2005	1.76	56	26	50.00	13.70	22.40	15.80	18.90	28.40	44.20	14.30	2.50	1.40	4.20	66.30	1	30.0	9	3	2					1.76	77.79
K2012	9.39	97	26	28.40	7.50	13.70	9.50	13.20	20.00	29.50	20.70	11.30	0.00	7.50	51.00	5	28.0	30	3	2					9.39	277.01
K2014	47.12	85	26	33.30	9.50	18.80	13.50	21.00	33.50	47.00	26.90	2.90	1.10	3.50	67.00	1	28.0	9	3	2			47.12	2,214.64		
K2017	5.79	56	31	30.50	12.00	37.30	26.00	7.80	10.00	36.00	0.00	0.00	0.00	0.00	48.00	4	24.0	0	3	2					5.79	208.44
K2018	0.08	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.08	0.00
	233.34																				**0.00**	**0.00**	**47.12**	**2,214.64**	**186.22**	**3,685.96**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	47.12	2,214.64	186.22	3,685.96
	Suitable and Potentially Suitable					
	Acres		BA			
	47.12		2,214.64			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	233.34		5,900.60			

Appendix E. Table 91. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **K21-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
K1902	0.01	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.01	0.00
K1911	31.52	77	25	61.10	15.50	13.80	9.50	17.00	26.00	35.50	8.90	2.50	0.80	3.00	56.50	1	29.0	3	1	31.52	1,118.96				
K1916	5.25	63	31U	20.50	7.50	28.00	18.80	9.80	12.50	31.30	0.00	0.00	1.50	2.50	41.30	1	38.0	3	1	5.25	164.33				
K1918	10.62	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					10.62	0.00
K1923	7.28	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					7.28	0.00
K1924	0.27	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.27	0.00
K1927	10.54	77	25U	61.10	15.50	13.80	9.50	17.00	26.00	35.50	8.90	2.50	0.80	3.00	56.50	1	29.0	3	1	10.54	374.17				
K1934	12.65	77	25	61.10	15.50	13.80	9.50	17.00	26.00	35.50	8.90	2.50	0.80	3.00	56.50	1	29.0	3	1	12.65	449.08				
K1937	5.08	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.08	0.00
K2101	5.10	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.10	0.00
K2103	23.78	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					23.78	0.00
K2104	35.52	1	21P	27.10	8.00	10.30	8.00	4.40	6.00	14.00	0.00	0.00	0.00	0.00	22.00	1	16.0	3	1					35.52	497.28
K2105	9.56	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					9.56	0.00
K2106	0.33	73	10	47.80	12.00	25.20	16.50	5.10	9.00	25.50	42.00	6.80	0.90	5.00	52.00	1	26.0	3	1					0.33	8.42
K2108	22.55	63	25	17.60	5.50	12.50	9.00	16.40	24.50	33.50	0.00	0.70	0.00	0.50	39.50	2	52.0	3	1	22.55	755.43				
K2109	13.65	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					13.65	0.00
K2113	23.65	63	25	44.80	11.50	11.70	7.50	9.30	14.00	21.50	23.60	2.20	1.00	3.00	44.50	5	24.0	3	1					23.65	508.48
K2117	1.34	68	31	20.30	6.40	14.50	10.70	14.90	22.90	33.60	0.00	0.80	0.90	2.10	42.10	1	19.0	3	1	1.34	45.02				
K2119	0.38	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.38	0.00
K2122	5.08	37	31	21.70	6.00	4.00	2.00	9.80	22.00	24.00	0.00	0.00	1.10	2.00	32.00	5	14.0	3	1					5.08	121.92
K2135	1.24	63	25U	44.80	11.50	11.70	7.50	9.30	14.00	21.50	23.60	2.20	1.00	3.00	44.50	5	24.0	3	1					1.24	26.66
K2138	9.01	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					9.01	0.00
K2220	1.21	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					1.21	0.00
	235.62																			**83.85**	**2,906.99**	**0.00**	**0.00**	**151.77**	**1,162.76**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	K2220					1.21	0.00
	TOTALS	0.00	0.00	0.00	0.00	1.21	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	83.85	2,906.99	0.00	0.00	150.56	1,162.76
	Suitable and Potentially Suitable					
	Acres		BA			
	83.85		2,906.99			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	234.41		4,069.75			

Appendix E. Table 92. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **K21-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
K1902	0.01	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.01	0.00
K1911	31.52	77	25	61.10	15.50	13.80	9.50	17.00	26.00	35.50	8.90	2.50	0.80	3.00	56.50	1	29.0	10	3	1					31.52	1,118.96
K1916	5.25	63	31U	20.50	7.50	28.00	18.80	9.80	12.50	31.30	0.00	0.00	1.50	2.50	41.30	1	38.0	4	3	1					5.25	164.33
K1918	10.62	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					10.62	0.00
K1923	7.28	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					7.28	0.00
K1924	0.27	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.27	0.00
K1927	10.54	77	25U	61.10	15.50	13.80	9.50	17.00	26.00	35.50	8.90	2.50	0.80	3.00	56.50	1	29.0	10	3	1					10.54	374.17
K1934	12.65	77	25	61.10	15.50	13.80	9.50	17.00	26.00	35.50	8.90	2.50	0.80	3.00	56.50	1	29.0	10	3	1					12.65	449.08
K1937	5.08	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.08	0.00
K2101	5.10	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.10	0.00
K2103	23.78	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					23.78	0.00
K2104	35.52	1	21P	27.10	8.00	10.30	8.00	4.40	6.00	14.00	0.00	0.00	0.00	0.00	22.00	1	16.0	0	3	1					35.52	497.28
K2105	9.56	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					9.56	0.00
K2106	0.33	73	10	47.80	12.00	25.20	16.50	5.10	9.00	25.50	42.00	6.80	0.90	5.00	52.00	1	26.0	20	3	1					0.33	8.42
K2108	22.55	63	25	17.60	5.50	12.50	9.00	16.40	24.50	33.50	0.00	0.70	0.00	0.50	39.50	2	52.0	2	3	1					22.55	755.43
K2109	13.65	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					13.65	0.00
K2113	23.65	63	25	44.80	11.50	11.70	7.50	9.30	14.00	21.50	23.60	2.20	1.00	3.00	44.50	5	24.0	13	3	1					23.65	508.48
K2117	1.34	68	31	20.30	6.40	14.50	10.70	14.90	22.90	33.60	0.00	0.80	0.90	2.10	42.10	1	19.0	5	3	1					1.34	45.02
K2119	0.38	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.38	0.00
K2122	5.08	37	31	21.70	6.00	4.00	2.00	9.80	22.00	24.00	0.00	0.00	1.10	2.00	32.00	5	14.0	7	3	1					5.08	121.92
K2135	1.24	63	25U	44.80	11.50	11.70	7.50	9.30	14.00	21.50	23.60	2.20	1.00	3.00	44.50	5	24.0	13	3	1					1.24	26.66
K2138	9.01	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					9.01	0.00
K2220	1.21	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					1.21	0.00
	235.62																				**0.00**	**0.00**	**0.00**	**0.00**	**235.62**	**4,069.75**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	K2220					1.21	0.00
	TOTALS	0.00	0.00	0.00	0.00	1.21	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	0.00	0.00	234.41	4,069.75
	Suitable and Potentially Suitable					
	Acres		BA			
	0.00		0.00			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	234.41		4,069.75			

Appendix E. Table 93. Red-cockaded woodpecker foraging habitat totals and habitat removals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **K35-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
K3502	96.22	69	26	24.00	5.80	18.00	13.20	17.00	25.80	39.00	13.40	6.40	2.50	7.90	56.90	1	12.0	3	1	96.22	3,752.58				
K3503	53.47	93	21	17.50	4.50	13.20	10.00	25.80	41.50	51.50	0.00	0.00	0.70	2.00	58.00	1	30.0	3	1	53.47	2,753.71				
K3504	22.36	58	25	21.30	6.00	18.30	14.00	19.10	27.00	41.00	0.00	0.00	0.00	0.00	47.00	2	44.0	3	1	22.36	916.76				
K3506	7.19	64	26	7.10	1.70	18.50	14.40	16.20	25.60	40.00	5.50	0.00	0.70	1.10	44.50	2	36.0	3	1	7.19	287.60				
K3519	67.86	48	26	19.20	6.00	12.50	9.00	8.00	10.00	19.00	10.90	0.80	0.50	1.00	29.50	1	36.0	3	1					67.86	1,289.34
K3520	6.73	57	26	36.30	12.00	31.90	22.00	6.80	9.50	31.50	4.50	0.00	0.00	0.00	45.00	1	29.0	3	1	6.73	212.00				
K3619	31.26	58	26	22.30	5.90	11.10	8.20	9.80	15.30	23.50	4.90	0.90	0.50	1.80	32.40	1	15.0	3	1					31.26	734.61
	285.09																			**185.97**	**7,922.65**	**0.00**	**0.00**	**99.12**	**2,023.95**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PROJECT REMOVALS

Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
K3502	Scout Leaders Course - Heavy Maneuver (PN 69743)	16.42	640.38				
K3504		16.11	660.51				
K3506		0.21	8.40				
K3619						3.96	93.06
PROJECT TOTALS		**32.74**	**1,309.29**	**0.00**	**0.00**	**3.96**	**93.06**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
K3519					67.86	1,289.34
K3520	6.73	212.00				
TOTALS	**6.73**	**212.00**	**0.00**	**0.00**	**67.86**	**1,289.34**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
146.50	**6,401.36**	**0.00**	**0.00**	**27.30**	**641.55**

Suitable and Potentially Suitable

Acres	BA
146.50	**6,401.36**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
173.80	**7,042.91**

Appendix E. Table 94. Red-cockaded woodpecker foraging habitat totals and habitat removals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **K35-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
K3502	96.22	69	26	24.00	5.80	18.00	13.20	17.00	25.80	39.00	13.40	6.40	2.50	7.90	56.90	1	12.0	20	3	1					96.22	3,752.58
K3503	53.47	93	21	17.50	4.50	13.20	10.00	25.80	41.50	51.50	0.00	0.00	0.70	2.00	58.00	1	30.0	2	3	1			53.47	2753.71		
K3504	22.36	58	25	21.30	6.00	18.30	14.00	19.10	27.00	41.00	0.00	0.00	0.00	0.00	47.00	2	44.0	0	3	1					22.36	916.76
K3506	7.19	64	26	7.10	1.70	18.50	14.40	16.20	25.60	40.00	5.50	0.00	0.70	1.10	44.50	2	36.0	2	3	1					7.19	287.60
K3519	67.86	48	26	19.20	6.00	12.50	9.00	8.00	10.00	19.00	10.90	0.80	0.50	1.00	29.50	1	36.0	6	3	1					67.86	1,289.34
K3520	6.73	57	26	36.30	12.00	31.90	22.00	6.80	9.50	31.50	4.50	0.00	0.00	0.00	45.00	1	29.0	0	3	1					6.73	212.00
K3619	31.26	58	26	22.30	5.90	11.10	8.20	9.80	15.30	23.50	4.90	0.90	0.50	1.80	32.40	1	15.0	6	3	1					31.26	734.61
	285.09																				**0.00**	**0.00**	**53.47**	**2,753.71**	**231.62**	**7,192.89**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine

Value does not meet Recovery Standard Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PROJECT REMOVALS

Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
K3502	Scout Leaders Course - Heavy Maneuver (PN 69743)					16.42	640.38
K3504						16.11	660.51
K3506						0.21	8.40
K3619						3.96	93.06
PROJECT TOTALS		**0.00**	**0.00**	**0.00**	**0.00**	**36.70**	**1,402.35**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
K3519					67.86	1289.34
K3520					6.73	212.00
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**74.59**	**1501.34**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
0.00	**0.00**	**53.47**	**2,753.71**	**120.33**	**4,289.20**

Suitable and Potentially Suitable	
Acres	BA
53.47	**2,753.71**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
173.80	**7,042.91**

Appendix E. Table 95. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **K35-D**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
F0501	2.92	51	25	5.60	2.50	14.60	11.30	21.90	33.80	45.10	0.00	0.00	0.00	0.00	47.60	6	16.0	3	1			2.92	131.69		
F0502	7.72	59	22P	13.20	5.00	27.10	20.00	23.60	31.00	51.00	0.00	0.00	0.00	0.00	56.00	1	16.0	3	1	7.72	393.72				
F0503	3.68	59	25	11.50	2.70	3.30	1.80	8.50	16.40	18.20	5.00	1.40	2.10	3.60	26.30	6	15.0	3	1					3.68	66.98
F0509	1.96	73	26	3.60	1.00	7.40	6.00	13.00	23.00	29.00	2.70	2.70	1.40	5.00	36.00	5	15.0	3	1					1.96	56.84
K3503	1.69	93	21	17.50	4.50	13.20	10.00	25.80	41.50	51.50	0.00	0.00	0.70	2.00	58.00	1	30.0	3	1	1.69	87.04				
K3504	3.02	58	25	21.30	6.00	18.30	14.00	19.10	27.00	41.00	0.00	0.00	0.00	0.00	47.00	2	44.0	3	1	3.02	123.82				
K3506	106.65	64	26	7.10	1.70	18.50	14.40	16.20	25.60	40.00	5.50	0.00	0.70	1.10	44.50	2	36.0	3	1	106.65	4,266.00				
K3509	63.22	68	25	10.30	2.10	16.80	12.60	21.00	32.60	45.20	12.30	4.40	2.30	6.90	57.40	1	15.0	3	1	63.22	2,857.54				
K3521	2.44	6	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.44	0.00
	193.30																			**182.30**	**7,728.12**	**2.92**	**131.69**	**8.08**	**123.82**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
22 = Slash Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	F0501	Scout Leaders Course - Heavy Maneuver (PN 69743)			2.92	131.69		
	F0502		7.72	393.72				
	F0503						3.68	66.98
	F0509						1.96	56.84
	K3504		3.02	123.82				
	K3506		45.76	1,830.40				
	K3509		3.52	159.10				
		PROJECT TOTALS	**60.02**	**2,507.04**	**2.92**	**131.69**	**5.64**	**123.82**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT							
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
122.28	**5,221.08**	**0.00**	**0.00**	**2.44**	**0.00**

BASELINE TOTALS

Suitable and Potentially Suitable

Acres	BA
122.28	**5,221.08**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
124.72	**5,221.08**

Appendix E. Table 96. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **K35-D**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
F0501	2.92	51	25	5.60	2.50	14.60	11.30	21.90	33.80	45.10	0.00	0.00	0.00	0.00	47.60	6	16.0	0	3	1					2.92	131.69
F0502	7.72	59	22P	13.20	5.00	27.10	20.00	23.60	31.00	51.00	0.00	0.00	0.00	0.00	56.00	1	16.0	0	3	1					7.72	393.72
F0503	3.68	59	25	11.50	2.70	3.30	1.80	8.50	16.40	18.20	5.00	1.40	2.10	3.60	26.30	6	15.0	23	3	1					3.68	66.98
F0509	1.96	73	26	3.60	1.00	7.40	6.00	13.00	23.00	29.00	2.70	2.70	1.40	5.00	36.00	5	15.0	17	3	1					1.96	56.84
K3503	1.69	93	21	17.50	4.50	13.20	10.00	25.80	41.50	51.50	0.00	0.00	0.70	2.00	58.00	1	30.0	2	3	1			1.69	87.04		
K3504	3.02	58	25	21.30	6.00	18.30	14.00	19.10	27.00	41.00	0.00	0.00	0.00	0.00	47.00	2	44.0	0	3	1					3.02	123.82
K3506	106.65	64	26	7.10	1.70	18.50	14.40	16.20	25.60	40.00	5.50	0.00	0.70	1.10	44.50	2	36.0	2	3	1					106.65	4,266.00
K3509	63.22	68	25	10.30	2.10	16.80	12.60	21.00	32.60	45.20	12.30	4.40	2.30	6.90	57.40	1	15.0	15	3	1			63.22	2,857.54		
K3521	2.44	6	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.44	0.00
	193.30																				**0.00**	**0.00**	**64.91**	**2,944.58**	**128.39**	**5,039.05**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
22 = Slash Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	F0501	Scout Leaders Course - Heavy Maneuver (PN 69743)					2.92	131.69
	F0502						7.72	393.72
	F0503						3.68	66.98
	F0509						1.96	56.84
	K3504						3.02	123.82
	K3506						45.76	1830.40
	K3509				3.52	159.10		
		PROJECT TOTALS	**0.00**	**0.00**	**3.52**	**159.10**	**65.06**	**2,603.45**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT							
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
BASELINE TOTALS	**0.00**	**0.00**	**61.39**	**2,785.48**	**63.33**	**2,435.60**

Suitable and Potentially Suitable

Acres	BA
61.39	**2,785.48**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
124.72	**5,221.08**

Appendix E. Table 97. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **L06-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
L0425	1.01	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.01	0.00
L0504	1.79	67	25	48.50	12.80	33.00	22.20	13.90	20.00	42.20	15.10	0.70	2.00	2.80	62.20	1	34.0	3	1	1.79	75.54				
L0518	23.05	59	26U	9.30	3.30	28.30	18.30	3.60	5.00	23.30	0.00	0.00	0.00	0.00	26.60	1	14.0	3	1					23.05	537.07
L0520	1.01	46	25	53.20	16.00	24.70	17.00	6.90	10.00	27.00	21.50	5.70	2.30	7.00	55.50	2	16.0	3	1					1.01	27.27
L0601	6.80	93	25	37.90	10.00	8.40	7.10	13.70	24.30	31.40	12.30	2.20	2.50	4.30	48.60	5	19.0	3	1	6.80	213.52				
L0602	4.09	93	11	32.60	5.00	6.40	5.00	28.90	52.50	57.50	26.00	4.10	4.00	7.50	80.00	1	18.0	3	1			4.09	235.18		
L0603	4.27	93	31	30.10	7.50	19.50	12.50	19.70	30.00	42.50	0.00	0.00	1.80	2.50	52.50	6	35.0	3	1			4.27	181.48		
L0604	4.97	93	26	19.70	6.30	11.30	7.50	24.40	38.80	46.30	3.80	4.20	0.70	3.80	57.70	1	26.0	3	1	4.97	230.11				
L0605	4.84	93	25	45.30	8.00	31.50	22.00	28.90	42.00	64.00	32.70	7.50	0.00	6.00	88.00	2	28.0	3	1			4.84	309.76		
L0607	16.95	93	26	0.00	0.00	1.10	0.60	14.70	28.20	28.80	2.90	0.00	0.70	1.20	31.20	4	22.0	3	1					16.95	488.16
L0608	9.68	93	21	6.50	2.00	3.60	3.00	13.90	24.00	27.00	0.00	4.70	0.80	6.00	35.00	5	21.0	3	1					9.68	261.36
L0615	11.94	93	26	39.00	8.30	12.10	9.20	21.00	30.00	39.20	7.30	5.00	2.30	6.60	55.80	1	26.0	3	1	11.94	468.05				
L0702	3.79	50	31	0.00	0.00	16.60	12.00	7.70	10.70	22.70	4.20	0.00	0.00	0.00	24.00	1	10.0	3	1					3.79	86.03
L0705	19.51	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					19.51	0.00
L0710	16.36	89	25	7.20	2.50	17.30	13.10	20.90	38.80	51.90	8.00	6.70	1.70	6.90	63.80	8	26.0	3	1			16.36	849.08		
L0715	16.37	89	25U	5.80	2.50	5.80	4.50	13.70	24.00	28.50	0.00	0.00	0.40	0.50	31.50	1	0.0	3	1					16.37	466.55
L0716	5.01	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.01	0.00
L0726	2.00	67	25U	0.00	0.00	6.30	5.30	11.50	19.50	24.80	0.00	0.00	0.00	0.00	24.80	1	8.0	3	1					2.00	49.60
O0106	8.43	56	31	25.00	6.70	10.60	7.20	9.10	14.40	21.60	6.90	0.70	1.60	3.40	33.90	1	36.0	3	1					8.43	182.09
O0108	4.31	56	31	16.20	4.50	8.40	6.00	10.80	17.50	23.50	5.80	1.60	0.30	1.50	31.00	1	28.0	3	1					4.31	101.29
O0238	0.17	56	31	30.60	11.30	57.50	40.00	20.30	26.30	66.30	2.10	1.50	0.00	1.30	79.50	1	36.0	3	1	0.17	11.27				
	166.35																			**25.67**	**998.49**	**29.56**	**1,575.50**	**111.12**	**2,199.42**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
11 = Eastern Red Cedar - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	L0604	4.97	230.11				
	TOTALS	**4.97**	**230.11**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	20.70	**768.38**	**29.56**	**1,575.50**	**111.12**	**2,199.42**

Suitable and Potentially Suitable	
Acres	BA
50.26	**2,343.88**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
161.38	**4,543.30**

Appendix E. Table 98. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **L06-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
L0425	1.01	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.01	0.00
L0504	1.79	67	25	48.50	12.80	33.00	22.20	13.90	20.00	42.20	15.10	0.70	2.00	2.80	62.20	1	34.0	5	3	1					1.79	75.54
L0518	23.05	59	26U	9.30	3.30	28.30	18.30	3.60	5.00	23.30	0.00	0.00	0.00	0.00	26.60	1	14.0	0	3	1					23.05	537.07
L0520	1.01	46	25	53.20	16.00	24.70	17.00	6.90	10.00	27.00	21.50	5.70	2.30	7.00	55.50	2	16.0	20	3	1					1.01	27.27
L0601	6.80	93	25	37.90	10.00	8.40	7.10	13.70	24.30	31.40	12.30	2.20	2.50	4.30	48.60	5	19.0	18	3	1					6.80	213.52
L0602	4.09	93	11	32.60	5.00	6.40	5.00	28.90	52.50	57.50	26.00	4.10	4.00	7.50	80.00	1	18.0	19	3	1			4.09	235.18		
L0603	4.27	93	31	30.10	7.50	19.50	12.50	19.70	30.00	42.50	0.00	0.00	1.80	2.50	52.50	6	35.0	4	3	1			4.27	181.48		
L0604	4.97	93	26	19.70	6.30	11.30	7.50	24.40	38.80	46.30	3.80	4.20	0.70	3.80	57.70	1	26.0	12	3	1			4.97	230.11		
L0605	4.84	93	25	45.30	8.00	31.50	22.00	28.90	42.00	64.00	32.70	7.50	0.00	6.00	88.00	2	28.0	11	3	1			4.84	309.76		
L0607	16.95	93	26	0.00	0.00	1.10	0.60	14.70	28.20	28.80	2.90	0.00	0.70	1.20	31.20	4	22.0	4	3	1					16.95	488.16
L0608	9.68	93	21	6.50	2.00	3.60	3.00	13.90	24.00	27.00	0.00	4.70	0.80	6.00	35.00	5	21.0	24	3	1					9.68	261.36
L0615	11.94	93	26	39.00	8.30	12.10	9.20	21.00	30.00	39.20	7.30	5.00	2.30	6.60	55.80	1	26.0	18	3	1					11.94	468.05
L0702	3.79	50	31	0.00	0.00	16.60	12.00	7.70	10.70	22.70	4.20	0.00	0.00	0.00	24.00	1	10.0	0	3	1					3.79	86.03
L0705	19.51	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					19.51	0.00
L0710	16.36	89	25	7.20	2.50	17.30	13.10	20.90	38.80	51.90	8.00	6.70	1.70	6.90	63.80	8	26.0	18	3	1			16.36	849.08		
L0715	16.37	89	25U	5.80	2.50	5.80	4.50	13.70	24.00	28.50	0.00	0.00	0.40	0.50	31.50	1	0.0	2	3	1					16.37	466.55
L0716	5.01	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.01	0.00
L0726	2.00	67	25U	0.00	0.00	6.30	5.30	11.50	19.50	24.80	0.00	0.00	0.00	0.00	24.80	1	8.0	0	3	1					2.00	49.60
O0106	8.43	56	31	25.00	6.70	10.60	7.20	9.10	14.40	21.60	6.90	0.70	1.60	3.40	33.90	1	36.0	10	3	1					8.43	182.09
O0108	4.31	56	31	16.20	4.50	8.40	6.00	10.80	17.50	23.50	5.80	1.60	0.30	1.50	31.00	1	28.0	9	3	1					4.31	101.29
O0238	0.17	56	31	30.60	11.30	57.50	40.00	20.30	26.30	66.30	2.10	1.50	0.00	1.30	79.50	1	36.0	2	3	1					0.17	11.27
	166.35																				**0.00**	**0.00**	**34.53**	**1,805.61**	**131.82**	**2,967.80**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
11 = Eastern Red Cedar - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	L0604			4.97	230.11		
	TOTALS	**0.00**	**0.00**	**4.97**	**230.11**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**29.56**	**1,575.50**	**131.82**	**2,967.80**

Suitable and Potentially Suitable	
Acres	BA
29.56	**1,575.50**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
161.38	**4,543.30**

Appendix E. Table 99. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **L07-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
K0438	2.34	101	31	46.80	10.00	37.00	28.30	14.80	20.00	48.30	0.00	0.00	3.80	6.70	65.00	3	25.0	3	1	2.34	113.02				
K0441	5.65	101	13	76.40	17.50	39.40	27.50	7.30	10.00	37.50	22.50	12.70	2.40	10.00	72.50	7	20.0	3	1			5.65	211.88		
L0702	6.20	50	31	0.00	0.00	16.60	12.00	7.70	10.70	22.70	4.20	0.00	0.00	0.00	24.00	1	10.0	3	1					6.20	140.74
L0703	6.51	90	31	14.70	4.50	12.20	9.00	13.80	21.00	30.00	1.80	2.00	1.80	3.50	38.50	1	40.0	3	1	6.51	195.30				
L0705	4.85	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					4.85	0.00
L0706	5.55	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.55	0.00
L0707	26.87	90	31U	0.00	0.00	0.00	0.00	23.90	54.00	54.00	0.00	0.00	1.40	4.00	58.00	1	39.0	3	1	26.87	1450.98				
L0710	2.12	89	25	7.20	2.50	17.30	13.10	20.90	38.80	51.90	8.00	6.70	1.70	6.90	63.80	8	26.0	3	1			2.12	110.03		
L0726	5.84	67	25U	0.00	0.00	6.30	5.30	11.50	19.50	24.80	0.00	0.00	0.00	0.00	24.80	1	8.0	3	1					5.84	144.83
L0812	4.30	67	10	16.10	4.50	7.40	5.50	9.50	20.00	25.50	19.80	10.60	5.90	18.00	55.50	5	22.0	3	1					4.30	109.65
L0826	11.16	67	25U	0.00	0.00	6.30	5.30	11.50	19.50	24.80	0.00	0.00	0.00	0.00	24.80	1	8.0	3	1					11.16	276.77
L0827	4.68	67	31U	0.00	0.00	3.70	3.30	17.50	31.70	35.00	0.00	0.00	0.00	0.00	35.00	1	7.0	3	1	4.68	163.80				
L0828	21.55	67	10	16.10	4.50	7.40	5.50	9.50	20.00	25.50	19.80	10.60	5.90	18.00	55.50	5	22.0	3	1					21.55	549.53
O0103	0.35	79	26	5.90	1.50	7.60	6.00	14.70	21.00	27.00	20.00	2.80	2.00	5.00	38.50	1	28.0	3	1					0.35	9.45
O0108	1.49	56	31	16.20	4.50	8.40	6.00	10.80	17.50	23.50	5.80	1.60	0.30	1.50	31.00	1	28.0	3	1					1.49	35.02
O0109	5.93	56	31	16.20	4.50	8.40	6.00	10.80	17.50	23.50	5.80	1.60	0.30	1.50	31.00	1	28.0	3	1					5.93	139.36
O0110	1.45	101	31	58.40	18.60	12.70	10.00	37.90	57.10	67.10	47.50	11.40	3.40	11.40	111.40	7	0.0	3	1			1.45	97.30		
	116.84																			**40.40**	**1,923.10**	**9.22**	**419.21**	**67.22**	**1,405.35**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
40.40	**1,923.10**	**9.22**	**419.21**	**67.22**	**1,405.35**

Suitable and Potentially Suitable

Acres	BA
49.62	**2,342.31**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
116.84	**3,747.66**

Appendix E. Table 100. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **L07-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
K0438	2.34	101	31	46.80	10.00	37.00	28.30	14.80	20.00	48.30	0.00	0.00	3.80	6.70	65.00	3	25.0	7	3	1					2.34	113.02
K0441	5.65	101	13	76.40	17.50	39.40	27.50	7.30	10.00	37.50	22.50	12.70	2.40	10.00	72.50	7	20.0	24	3	1					5.65	211.88
L0702	6.20	50	31	0.00	0.00	16.60	12.00	7.70	10.70	22.70	4.20	0.00	0.00	0.00	24.00	1	10.0	0	3	1					6.20	140.74
L0703	6.51	90	31	14.70	4.50	12.20	9.00	13.80	21.00	30.00	1.80	2.00	1.80	3.50	38.50	1	40.0	13	3	1					6.51	195.30
L0705	4.85	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.85	0.00
L0706	5.55	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.55	0.00
L0707	26.87	90	31U	0.00	0.00	0.00	0.00	23.90	54.00	54.00	0.00	0.00	1.40	4.00	58.00	1	39.0	6	3	1			26.87	1,450.98		
L0710	2.12	89	25	7.20	2.50	17.30	13.10	20.90	38.80	51.90	8.00	6.70	1.70	6.90	63.80	8	26.0	18	3	1			2.12	110.03		
L0726	5.84	67	25U	0.00	0.00	6.30	5.30	11.50	19.50	24.80	0.00	0.00	0.00	0.00	24.80	1	8.0	0	3	1					5.84	144.83
L0812	4.30	67	10	16.10	4.50	7.40	5.50	9.50	20.00	25.50	19.80	10.60	5.90	18.00	55.50	5	22.0	49	3	1					4.30	109.65
L0826	11.16	67	25U	0.00	0.00	6.30	5.30	11.50	19.50	24.80	0.00	0.00	0.00	0.00	24.80	1	8.0	0	3	1					11.16	276.77
L0827	4.68	67	31U	0.00	0.00	3.70	3.30	17.50	31.70	35.00	0.00	0.00	0.00	0.00	35.00	1	7.0	0	3	1					4.68	163.80
L0828	21.55	67	10	16.10	4.50	7.40	5.50	9.50	20.00	25.50	19.80	10.60	5.90	18.00	55.50	5	22.0	49	3	1					21.55	549.53
O0103	0.35	79	26	5.90	1.50	7.60	6.00	14.70	21.00	27.00	20.00	2.80	2.00	5.00	38.50	1	28.0	18	3	1					0.35	9.45
O0108	1.49	56	31	16.20	4.50	8.40	6.00	10.80	17.50	23.50	5.80	1.60	0.30	1.50	31.00	1	28.0	9	3	1					1.49	35.02
O0109	5.93	56	31	16.20	4.50	8.40	6.00	10.80	17.50	23.50	5.80	1.60	0.30	1.50	31.00	1	28.0	9	3	1					5.93	139.36
O0110	1.45	101	31	58.40	18.60	12.70	10.00	37.90	57.10	67.10	47.50	11.40	3.40	11.40	111.40	7	0.0	23	3	1			1.45	97.30		
	116.84																				**0.00**	**0.00**	**30.44**	**1,658.31**	**86.40**	**2,089.35**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	30.44	1,658.31	86.40	2,089.35

Suitable and Potentially Suitable	
Acres	BA
30.44	1,658.31

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
116.84	3,747.66

Appendix E. Table 101. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **M01-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
M0101	11.35	65	26	40.50	11.50	7.40	5.50	14.00	21.00	26.50	21.70	8.10	2.70	10.50	55.00	1	23.0	3	2					11.35	300.78
M0102	44.28	69	26	32.80	9.50	18.30	13.50	19.20	31.50	45.00	19.40	3.10	2.90	5.50	66.50	2	12.0	3	2	44.28	1,992.60				
M0103	0.59	69	25	46.00	13.50	24.60	17.50	16.80	28.00	45.50	14.40	9.30	4.40	12.00	76.00	1	19.0	3	2			0.59	26.85		
M0104	5.70	65	26	40.50	11.50	7.40	5.50	14.00	21.00	26.50	21.70	8.10	2.70	10.50	55.00	1	23.0	3	2					5.70	151.05
M0106	2.51	92	13	31.40	9.50	15.60	10.50	9.80	15.50	26.00	30.90	14.10	5.20	18.50	63.00	1	10.0	3	2					2.51	65.26
M0107	7.42	67	25	60.10	16.20	19.20	13.30	8.90	12.90	26.20	15.90	0.80	0.80	1.90	48.60	2	26.0	3	2					7.42	194.40
M0109	2.11	67	26	29.80	9.00	21.60	16.00	18.70	30.50	46.50	2.90	0.00	0.00	0.00	56.50	2	32.0	3	2	2.11	98.12				
M0112	1.24	67	26	29.80	9.00	21.60	16.00	18.70	30.50	46.50	2.90	0.00	0.00	0.00	56.50	2	32.0	3	2	1.24	57.66				
M06133	0.001	67	26	29.30	7.50	11.40	8.50	10.70	17.50	26.00	14.00	3.10	2.60	6.00	43.50	2	22.0	0	0					0.00	0.00
M06174	1.09	0	21P	5.10	1.40	23.10	17.10	1.30	1.40	18.50	0.00	0.00	0.00	0.00	19.90	1	11.0	0	0					1.09	20.17
M0657	0.17	46	26	27.20	7.10	17.80	12.40	7.00	10.00	22.40	4.90	3.50	0.20	3.00	33.70	1	23.0	0	0					0.17	3.81
O0417	3.31	72	25	82.50	22.50	11.30	9.00	7.70	13.00	22.00	3.70	3.80	0.70	4.00	49.50	1	14.0	3	1					3.31	72.82
O0423	8.64	93	13	11.70	3.50	12.80	9.50	9.80	14.50	24.00	26.80	19.30	3.00	18.00	53.50	7	24.0	3	1					8.64	207.36
O0430	14.75	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					14.75	0.00
O0431	6.24	100	26	62.70	16.50	18.60	12.50	9.30	14.00	26.50	7.30	1.10	2.80	5.50	51.00	4	15.0	3	1					6.24	165.36
	109.40																			**47.63**	**2,148.38**	**0.59**	**26.85**	**61.18**	**1,181.01**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
M0106					2.51	65.26
M0107					7.42	194.40
M0109	2.11	98.12				
M0112	1.24	57.66				
M0657					0.17	3.81
TOTALS	**3.35**	**155.78**	**0.00**	**0.00**	**10.10**	**263.47**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
44.28	**1,992.60**	**0.59**	**26.85**	**51.08**	**917.54**

Suitable and Potentially Suitable

Acres	BA
44.87	**2,019.45**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
95.95	**2,936.99**

Appendix E. Table 102. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **M01-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
M0101	11.35	65	26	40.50	11.50	7.40	5.50	14.00	21.00	26.50	21.70	8.10	2.70	10.50	55.00	1	23.0	34	3	2					11.35	300.78
M0102	44.28	69	26	32.80	9.50	18.30	13.50	19.20	31.50	45.00	19.40	3.10	2.90	5.50	66.50	2	12.0	14	3	2			44.28	1,992.60		
M0103	0.59	69	25	46.00	13.50	24.60	17.50	16.80	28.00	45.50	14.40	9.30	4.40	12.00	76.00	1	19.0	25	3	2					0.59	26.85
M0104	5.70	65	26	40.50	11.50	7.40	5.50	14.00	21.00	26.50	21.70	8.10	2.70	10.50	55.00	1	23.0	34	3	2					5.70	151.05
M0106	2.51	92	13	31.40	9.50	15.60	10.50	9.80	15.50	26.00	30.90	14.10	5.20	18.50	63.00	1	10.0	43	3	2					2.51	65.26
M0107	7.42	67	25	60.10	16.20	19.20	13.30	8.90	12.90	26.20	15.90	0.80	0.80	1.90	48.60	2	26.0	5	3	2					7.42	194.40
M0109	2.11	67	26	29.80	9.00	21.60	16.00	18.70	30.50	46.50	2.90	0.00	0.00	0.00	56.50	2	32.0	0	3	2			2.11	98.12		
M0112	1.24	67	26	29.80	9.00	21.60	16.00	18.70	30.50	46.50	2.90	0.00	0.00	0.00	56.50	2	32.0	0	3	2			1.24	57.66		
M06133	0.00	67	26	29.30	7.50	11.40	8.50	10.70	17.50	26.00	14.00	3.10	2.60	6.00	43.50	2	22.0	21	0	0					0.00	0.00
M06174	1.09	0	21P	5.10	1.40	23.10	17.10	1.30	1.40	18.50	0.00	0.00	0.00	0.00	19.90	1	11.0	0	0	0					1.09	20.17
M0657	0.17	46	26	27.20	7.10	17.80	12.40	7.00	10.00	22.40	4.90	3.50	0.20	3.00	33.70	1	23.0	13	0	0					0.17	3.81
O0417	3.31	72	25	82.50	22.50	11.30	9.00	7.70	13.00	22.00	3.70	3.80	0.70	4.00	49.50	1	14.0	19	3	1					3.31	72.82
O0423	8.64	93	13	11.70	3.50	12.80	9.50	9.80	14.50	24.00	26.80	19.30	3.00	18.00	53.50	7	24.0	50	3	1					8.64	207.36
O0430	14.75	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					14.75	0.00
O0431	6.24	100	26	62.70	16.50	18.60	12.50	9.30	14.00	26.50	7.30	1.10	2.80	5.50	51.00	4	15.0	12	3	1					6.24	165.36
	109.40																				**0.00**	**0.00**	**47.63**	**2,148.38**	**61.77**	**1,207.86**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
M0106					2.51	65.26
M0107					7.42	194.40
M0109			2.11	98.12		
M0112			1.24	57.66		
M0657					0.17	3.81
TOTALS	**0.00**	**0.00**	**3.35**	**155.78**	**10.10**	**263.47**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**44.28**	**1,992.60**	**51.67**	**944.39**

Suitable and Potentially Suitable

Acres	BA
44.28	**1,992.60**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
95.95	**2,936.99**

Appendix E. Table 103. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **M02-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
M0203	3.56	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					3.56	0.00
M0205	1.42	82	13	5.30	1.90	10.50	8.80	20.90	37.50	46.30	48.10	14.80	1.90	14.40	75.10	7	11.0	3	2			1.42	65.75		
M0207	6.77	74	26U	37.20	13.00	23.70	15.50	10.40	16.50	32.00	5.30	2.00	1.80	4.00	50.50	1	32.0	3	2	6.77	216.64				
M0209	102.52	87	21	23.70	6.50	22.60	18.00	16.60	24.50	42.50	2.60	2.00	0.80	2.50	52.50	2	22.0	3	2	102.52	4357.10				
M0210	10.61	0	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					10.61	0.00
M0212	3.02	82	25	16.90	5.00	9.10	7.50	17.70	29.50	37.00	10.40	6.10	1.40	6.50	52.00	3	14.0	3	2	3.02	111.74				
M0214	7.93	-1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					7.93	0.00
M0216	18.99	74	26	37.20	13.00	23.70	15.50	10.40	16.50	32.00	5.30	2.00	1.80	4.00	50.50	1	32.0	3	2	18.99	607.68				
M0663	0.69	60	26	40.80	12.00	12.10	9.00	13.00	16.50	25.50	18.10	2.50	1.20	4.00	46.00	2	29.0	0	0					0.69	17.60
M0666	32.14	60	26	72.50	20.00	21.20	14.50	19.60	28.50	43.00	9.40	1.50	1.60	3.50	69.50	1	16.0	0	0			32.14	1382.02		
	187.65																			**131.30**	**5,293.16**	**33.56**	**1,447.77**	**22.79**	**17.60**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
M0203					3.56	0.00
M0205			1.42	65.75		
M0663					0.69	17.60
TOTALS	**0.00**	**0.00**	**1.42**	**65.75**	**4.25**	**17.60**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
131.30	**5,293.16**	**32.14**	**1,382.02**	**18.54**	**0.00**

Suitable and Potentially Suitable	
Acres	BA
163.44	**6,675.18**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
181.98	**6,675.18**

Appendix E. Table 104. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **M02-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
M0203	3.56	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					3.56	0.00
M0205	1.42	82	13	5.30	1.90	10.50	8.80	20.90	37.50	46.30	48.10	14.80	1.90	14.40	75.10	7	11.0	35	3	2			1.42	65.75		
M0207	6.77	74	26U	37.20	13.00	23.70	15.50	10.40	16.50	32.00	5.30	2.00	1.80	4.00	50.50	1	32.0	10	3	2					6.77	216.64
M0209	102.52	87	21	23.70	6.50	22.60	18.00	16.60	24.50	42.50	2.60	2.00	0.80	2.50	52.50	2	22.0	7	3	2					102.52	4,357.10
M0210	10.61	0	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					10.61	0.00
M0212	3.02	82	25	16.90	5.00	9.10	7.50	17.70	29.50	37.00	10.40	6.10	1.40	6.50	52.00	3	14.0	22	3	2					3.02	111.74
M0214	7.93	-1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					7.93	0.00
M0216	18.99	74	26	37.20	13.00	23.70	15.50	10.40	16.50	32.00	5.30	2.00	1.80	4.00	50.50	1	32.0	10	3	2					18.99	607.68
M0663	0.69	60	26	40.80	12.00	12.10	9.00	13.00	16.50	25.50	18.10	2.50	1.20	4.00	46.00	2	29.0	13	0	0					0.69	17.60
M0666	32.14	60	26	72.50	20.00	21.20	14.50	19.60	28.50	43.00	9.40	1.50	1.60	3.50	69.50	1	16.0	7	0	0			32.14	1,382.02		
	187.65																				**0.00**	**0.00**	**33.56**	**1,447.77**	**154.09**	**5,310.76**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
M0203					3.56	0.00
M0205			1.42	65.75		
M0663					0.69	17.60
TOTALS	**0.00**	**0.00**	**1.42**	**65.75**	**4.25**	**17.60**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**32.14**	**1,382.02**	**149.84**	**5,293.16**

Suitable and Potentially Suitable

Acres	BA
32.14	**1,382.02**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
181.98	**6,675.18**

Appendix E. Table 105. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **M06-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
L0327	10.29	51	25	50.00	15.00	41.80	29.50	16.00	20.50	50.00	39.20	12.00	3.70	12.00	89.50	1	22.0	3	1			10.29	514.50		
L0334	2.87	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.87	0.00
M0212	24.53	82	25	16.90	5.00	9.10	7.50	17.70	29.50	37.00	10.40	6.10	1.40	6.50	52.00	3	14.0	3	2	24.53	907.61				
M0301	3.81	75	31	3.90	1.70	34.30	25.00	18.50	25.00	50.00	0.00	7.40	0.00	6.70	58.40	8	18.0	3	2					3.81	190.50
M0303	4.02	75	31	0.00	0.00	0.00	0.00	21.90	52.00	52.00	0.00	0.00	0.00	0.00	52.00	1	42.0	3	2	4.02	209.04				
M0304	5.74	-1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					5.74	0.00
M0305	14.14	-1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					14.14	0.00
M0314	10.83	75	25	36.90	10.00	8.80	6.40	12.00	17.30	23.70	11.90	0.00	0.00	0.00	37.30	4	22.0	3	2					10.83	256.67
M0316	4.17	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					4.17	0.00
M0319	0.29	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					0.29	0.00
M0663	15.49	60	26	40.80	12.00	12.10	9.00	13.00	16.50	25.50	18.10	2.50	1.20	4.00	46.00	2	29.0	0	0					15.49	395.00
M0666	6.51	60	26	72.50	20.00	21.20	14.50	19.60	28.50	43.00	9.40	1.50	1.60	3.50	69.50	1	16.0	0	0			6.51	279.93		
M0674	9.24	105	26	2.60	1.10	8.90	7.80	26.20	42.20	50.00	0.00	1.20	1.70	3.30	54.40	1	26.0	0	0	9.24	462.00				
	111.93																			**37.79**	**1,578.65**	**16.80**	**794.43**	**57.34**	**842.17**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
L0327			10.29	514.50		
L0334					2.87	0.00
TOTALS	**0.00**	**0.00**	**10.29**	**514.50**	**2.87**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
37.79	**1,578.65**	**6.51**	**279.93**	**54.47**	**842.17**

Suitable and Potentially Suitable

Acres	BA
44.30	**1,858.58**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
98.77	**2,700.75**

Appendix E. Table 106. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **M06-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
L0327	10.29	51	25	50.00	15.00	41.80	29.50	16.00	20.50	50.00	39.20	12.00	3.70	12.00	89.50	1	22.0	21	3	1					10.29	514.50
L0334	2.87	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.87	0.00
M0212	24.53	82	25	16.90	5.00	9.10	7.50	17.70	29.50	37.00	10.40	6.10	1.40	6.50	52.00	3	14.0	22	3	2					24.53	907.61
M0301	3.81	75	31	3.90	1.70	34.30	25.00	18.50	25.00	50.00	0.00	7.40	0.00	6.70	58.40	8	18.0	12	3	2			3.81	190.50		
M0303	4.02	75	31	0.00	0.00	0.00	0.00	21.90	52.00	52.00	0.00	0.00	0.00	0.00	52.00	1	42.0	0	3	2			4.02	209.04		
M0304	5.74	-1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					5.74	0.00
M0305	14.14	-1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					14.14	0.00
M0314	10.83	75	25	36.90	10.00	8.80	6.40	12.00	17.30	23.70	11.90	0.00	0.00	0.00	37.30	4	22.0	0	3	2					10.83	256.67
M0316	4.17	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					4.17	0.00
M0319	0.29	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					0.29	0.00
M0663	15.49	60	26	40.80	12.00	12.10	9.00	13.00	16.50	25.50	18.10	2.50	1.20	4.00	46.00	2	29.0	13	0	0					15.49	395.00
M0666	6.51	60	26	72.50	20.00	21.20	14.50	19.60	28.50	43.00	9.40	1.50	1.60	3.50	69.50	1	16.0	7	0	0			6.51	279.93		
M0674	9.24	105	26	2.60	1.10	8.90	7.80	26.20	42.20	50.00	0.00	1.20	1.70	3.30	54.40	1	26.0	8	0	0			9.24	462.00		
	111.93																				**0.00**	**0.00**	**23.58**	**1,141.47**	**88.35**	**2,073.78**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	L0327					10.29	514.50
	L0334					2.87	0.00
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**13.16**	**514.50**

	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**23.58**	**1,141.47**	**75.19**	**1,559.28**
BASELINE TOTALS	**Suitable and Potentially Suitable**					
	Acres		BA			
	23.58		**1,141.47**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	98.77		**2,700.75**			

Appendix E. Table 107. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **N03-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
M06174	3.04	0	21P	5.10	1.40	23.10	17.10	1.30	1.40	18.50	0.00	0.00	0.00	0.00	19.90	1	11.0	3	1					3.04	56.24
M06186	1.08	67	26	29.30	7.50	11.40	8.50	10.70	17.50	26.00	14.00	3.10	2.60	6.00	43.50	2	22.0	3	1					1.08	28.08
M0629	7.25	71	26	47.60	12.50	18.00	13.30	13.60	20.80	34.10	4.80	0.00	0.30	0.80	49.10	1	29.0	3	1	7.25	247.23				
M0637	9.88	67	26	29.30	7.50	11.40	8.50	10.70	17.50	26.00	14.00	3.10	2.60	6.00	43.50	2	22.0	3	1					9.88	256.88
N0339	2.26	60	25	62.80	17.00	33.20	23.00	21.80	27.50	50.50	10.60	9.30	3.00	10.00	80.50	6	16.0	3	1			2.26	114.13		
N0345	3.31	110	10	84.20	19.30	10.00	7.10	2.90	4.30	11.40	44.20	2.20	1.30	3.50	44.20	8	14.0	3	1					3.31	37.73
N0347	12.02	60	31	88.70	26.70	25.60	20.00	7.30	9.40	29.40	34.10	8.80	1.30	8.90	73.90	8	8.0	3	1					12.02	353.39
N0348	57.36	67	26	69.80	20.50	18.80	14.00	1.50	2.00	16.00	8.90	1.90	0.70	2.50	42.00	8	18.0	3	1					57.36	917.76
N0353	41.49	61	26	28.30	9.00	16.20	12.00	18.80	29.00	41.00	4.90	2.00	1.90	4.50	56.00	1	18.0	3	1	41.49	1,701.09				
N0354	13.73	84	26	21.90	7.10	19.70	15.70	11.60	16.40	32.10	1.50	0.00	0.00	0.00	39.90	2	24.0	3	1	13.73	440.73				
N0355	15.59	84	25	30.00	9.20	20.20	15.00	23.30	32.50	47.50	0.00	0.00	0.60	0.80	57.50	1	26.0	3	1	15.59	740.53				
N0358	0.35	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.35	0.00
N0359	7.07	50	26	115.20	28.60	37.10	25.70	10.20	12.90	38.60	16.60	5.70	2.40	5.80	78.70	4	19.0	3	1			7.07	272.90		
N0360	0.52	55	10	83.40	23.50	25.60	16.00	18.90	24.50	40.50	21.10	6.00	7.10	13.50	84.00	3	17.0	3	1			0.52	21.06		
O0405	2.09	91	10	32.80	11.00	15.70	10.50	3.90	5.00	15.50	34.40	8.00	1.60	7.50	44.00	1	24.0	3	1					2.09	32.40
O0410	5.92	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.92	0.00
O0415	0.32	68	26	2.70	1.00	9.20	7.00	8.20	13.00	20.00	14.30	2.90	1.80	4.50	30.50	1	21.0	3	1					0.32	6.40
O0416	2.54	71	26	35.70	9.00	14.80	10.50	7.30	10.50	21.00	5.10	1.60	1.20	3.50	35.00	7	22.0	3	1					2.54	53.34
O0417	11.44	72	25	82.50	22.50	11.30	9.00	7.70	13.00	22.00	3.70	3.80	0.70	4.00	49.50	1	14.0	3	1					11.44	251.68
O0423	2.02	93	13	11.70	3.50	12.80	9.50	9.80	14.50	24.00	26.80	19.30	3.00	18.00	53.50	7	24.0	3	1					2.02	48.48
	199.28																			**78.06**	**3,129.58**	**9.85**	**408.09**	**111.37**	**2,042.38**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	78.06	**3,129.58**	**9.85**	**408.09**	**111.37**	**2,042.38**
	Suitable and Potentially Suitable					
	Acres		BA			
	87.91		**3,537.67**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	199.28		**5,580.05**			

Appendix E. Table 108. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **N03-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
M06174	3.04	0	21P	5.10	1.40	23.10	17.10	1.30	1.40	18.50	0.00	0.00	0.00	0.00	19.90	1	11.0	0	3	1					3.04	56.24
M06186	1.08	67	26	29.30	7.50	11.40	8.50	10.70	17.50	26.00	14.00	3.10	2.60	6.00	43.50	2	22.0	21	3	1					1.08	28.08
M0629	7.25	71	26	47.60	12.50	18.00	13.30	13.60	20.80	34.10	4.80	0.00	0.30	0.80	49.10	1	29.0	1	3	1					7.25	247.23
M0637	9.88	67	26	29.30	7.50	11.40	8.50	10.70	17.50	26.00	14.00	3.10	2.60	6.00	43.50	2	22.0	21	3	1					9.88	256.88
N0339	2.26	60	25	62.80	17.00	33.20	23.00	21.80	27.50	50.50	10.60	9.30	3.00	10.00	80.50	6	16.0	18	3	1			2.26	114.13		
N0345	3.31	110	10	84.20	19.30	10.00	7.10	2.90	4.30	11.40	44.20	2.20	1.30	3.50	44.20	8	14.0	21	3	1					3.31	37.73
N0347	12.02	60	31	88.70	26.70	25.60	20.00	7.30	9.40	29.40	34.10	8.80	1.30	8.90	73.90	8	8.0	23	3	1					12.02	353.39
N0348	57.36	67	26	69.80	20.50	18.80	14.00	1.50	2.00	16.00	8.90	1.90	0.70	2.50	42.00	8	18.0	11	3	1					57.36	917.76
N0353	41.49	61	26	28.30	9.00	16.20	12.00	18.80	29.00	41.00	4.90	2.00	1.90	4.50	56.00	1	18.0	10	3	1			41.49	1,701.09		
N0354	13.73	84	26	21.90	7.10	19.70	15.70	11.60	16.40	32.10	1.50	0.00	0.00	0.00	39.90	2	24.0	0	3	1					13.73	440.73
N0355	15.59	84	25	30.00	9.20	20.20	15.00	23.30	32.50	47.50	0.00	0.00	0.60	0.80	57.50	1	26.0	1	3	1			15.59	740.53		
N0358	0.35	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.35	0.00
N0359	7.07	50	26	115.20	28.60	37.10	25.70	10.20	12.90	38.60	16.60	5.70	2.40	5.80	78.70	4	19.0	15	3	1					7.07	272.90
N0360	0.52	55	10	83.40	23.50	25.60	16.00	18.90	24.50	40.50	21.10	6.00	7.10	13.50	84.00	3	17.0	23	3	1					0.52	21.06
O0405	2.09	91	10	32.80	11.00	15.70	10.50	3.90	5.00	15.50	34.40	8.00	1.60	7.50	44.00	1	24.0	33	3	1					2.09	32.40
O0410	5.92	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.92	0.00
O0415	0.32	68	26	2.70	1.00	9.20	7.00	8.20	13.00	20.00	14.30	2.90	1.80	4.50	30.50	1	21.0	21	3	1					0.32	6.40
O0416	2.54	71	26	35.70	9.00	14.80	10.50	7.30	10.50	21.00	5.10	1.60	1.20	3.50	35.00	7	22.0	11	3	1					2.54	53.34
O0417	11.44	72	25	82.50	22.50	11.30	9.00	7.70	13.00	22.00	3.70	3.80	0.70	4.00	49.50	1	14.0	19	3	1					11.44	251.68
O0423	2.02	93	13	11.70	3.50	12.80	9.50	9.80	14.50	24.00	26.80	19.30	3.00	18.00	53.50	7	24.0	50	3	1					2.02	48.48
	199.28																				**0.00**	**0.00**	**59.34**	**2,555.75**	**139.94**	**3,024.30**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**59.34**	**2,555.75**	**139.94**	**3,024.30**
	Suitable and Potentially Suitable					
	Acres		BA			
	59.34		**2,555.75**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	199.28		**5,580.05**			

Appendix E. Table 109. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **N04-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
N0401	0.08	116	26	38.60	11.10	14.80	11.10	21.90	34.20	45.30	1.20	4.80	0.00	3.70	60.60	1	32.0	3	2	0.08	3.62				
N0403	8.72	77	31	75.60	24.50	47.20	34.00	13.60	19.50	53.50	8.40	8.00	0.30	6.00	87.00	1	26.0	3	2			8.72	466.52		
N0404	13.72	82	26	2.20	0.50	22.60	16.50	27.40	40.00	56.50	6.80	2.20	0.00	1.50	60.00	1	30.0	3	2	13.72	775.18				
N0405	6.95	49	26	28.20	8.90	24.40	17.80	12.60	18.90	36.70	11.20	2.20	1.40	3.30	52.20	1	26.0	3	2	6.95	255.07				
N0408	6.27	82	21	11.30	3.80	40.10	28.80	34.00	47.50	76.30	0.00	0.00	0.80	1.30	81.40	1	18.0	3	2	6.27	478.40				
N0409	7.91	49	10	3.50	1.50	11.30	7.50	6.40	9.50	17.00	25.60	3.70	0.40	3.00	28.00	1	47.0	3	2					7.91	134.47
N0410	0.75	49	25	49.90	15.60	56.80	33.30	2.90	3.30	36.60	0.00	0.00	0.00	0.00	52.20	1	30.0	3	2	0.75	27.45				
N0414	0.32	52	26	76.00	20.00	35.30	22.50	5.60	8.80	31.30	3.00	8.50	2.10	10.10	62.70	1	19.0	3	2			0.32	10.02		
N0415	26.20	77	26	47.10	14.20	14.60	10.50	19.00	28.90	39.40	28.10	4.60	1.20	4.80	65.20	1	21.0	3	2	26.20	1,032.28				
N0417	4.69	69	26	56.10	13.80	28.50	20.00	3.20	3.80	23.80	16.90	3.70	7.90	12.50	55.10	1	34.0	3	2					4.69	111.62
N0418	1.20	60	26	43.10	11.70	29.20	20.00	16.10	23.30	43.30	5.30	2.20	0.00	1.70	58.40	1	23.0	3	2	1.20	51.96				
N0424	5.03	22	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					5.03	0.00
N0425	18.38	54	26U	27.10	8.00	32.10	24.00	15.50	20.50	44.50	24.90	4.30	3.40	8.00	67.00	1	25.0	3	2	18.38	817.91				
N0426	10.66	51	26	111.60	32.00	49.10	33.00	8.20	10.50	43.50	20.60	6.10	4.40	10.50	92.00	1	21.0	3	2			10.66	463.71		
N0427	2.72	51	22P	22.20	7.00	59.20	39.00	7.70	9.00	48.00	0.00	0.00	0.00	0.00	55.00	1	12.0	3	2	2.72	130.56				
N0437	23.60	54	26	27.10	8.00	32.10	24.00	15.50	20.50	44.50	24.90	4.30	3.40	8.00	67.00	1	25.0	3	2	23.60	1,050.20				
N0506	2.54	79	26	21.40	5.50	24.70	16.50	9.80	16.50	33.00	10.40	0.70	2.40	3.50	45.50	1	28.0	3	1	2.54	83.82				
N0512	14.06	79	10	13.90	4.00	39.60	26.00	15.40	22.50	48.50	44.70	8.10	1.50	8.00	71.00	6	24.0	3	1			14.06	681.91		
N0513	2.88	79	26	7.20	3.30	12.10	10.00	41.80	60.00	70.00	0.00	0.00	0.00	0.00	73.30	4	33.0	3	1	2.88	201.60				
	156.68																			**105.29**	**4,908.05**	**33.76**	**1,622.16**	**17.63**	**246.09**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	105.29	**4,908.05**	**33.76**	**1,622.16**	**17.63**	**246.09**
	Suitable and Potentially Suitable					
	Acres		BA			
	139.05		**6,530.21**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	156.68		**6,776.30**			

Appendix E. Table 110. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **N04-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
N0401	0.08	116	26	38.60	11.10	14.80	11.10	21.90	34.20	45.30	1.20	4.80	0.00	3.70	60.60	1	32.0	12	3	2					0.08	3.62
N0403	8.72	77	31	75.60	24.50	47.20	34.00	13.60	19.50	53.50	8.40	8.00	0.30	6.00	87.00	1	26.0	12	3	2					8.72	466.52
N0404	13.72	82	26	2.20	0.50	22.60	16.50	27.40	40.00	56.50	6.80	2.20	0.00	1.50	60.00	1	30.0	4	3	2			13.72	775.18		
N0405	6.95	49	26	28.20	8.90	24.40	17.80	12.60	18.90	36.70	11.20	2.20	1.40	3.30	52.20	1	26.0	9	3	2					6.95	255.07
N0408	6.27	82	21	11.30	3.80	40.10	28.80	34.00	47.50	76.30	0.00	0.00	0.80	1.30	81.40	1	18.0	1	3	2			6.27	478.40		
N0409	7.91	49	10	3.50	1.50	11.30	7.50	6.40	9.50	17.00	25.60	3.70	0.40	3.00	28.00	1	47.0	19	3	2					7.91	134.47
N0410	0.75	49	25	49.90	15.60	56.80	33.30	2.90	3.30	36.60	0.00	0.00	0.00	0.00	52.20	1	30.0	0	3	2					0.75	27.45
N0414	0.32	52	26	76.00	20.00	35.30	22.50	5.60	8.80	31.30	3.00	8.50	2.10	10.10	62.70	1	19.0	21	3	2					0.32	10.02
N0415	26.20	77	26	47.10	14.20	14.60	10.50	19.00	28.90	39.40	28.10	4.60	1.20	4.80	65.20	1	21.0	15	3	2					26.20	1,032.28
N0417	4.69	69	26	56.10	13.80	28.50	20.00	3.20	3.80	23.80	16.90	3.70	7.90	12.50	55.10	1	34.0	27	3	2					4.69	111.62
N0418	1.20	60	26	43.10	11.70	29.20	20.00	16.10	23.30	43.30	5.30	2.20	0.00	1.70	58.40	1	23.0	5	3	2					1.20	51.96
N0424	5.03	22	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					5.03	0.00
N0425	18.38	54	26U	27.10	8.00	32.10	24.00	15.50	20.50	44.50	24.90	4.30	3.40	8.00	67.00	1	25.0	14	3	2					18.38	817.91
N0426	10.66	51	26	111.60	32.00	49.10	33.00	8.20	10.50	43.50	20.60	6.10	4.40	10.50	92.00	1	21.0	15	3	2					10.66	463.71
N0427	2.72	51	22P	22.20	7.00	59.20	39.00	7.70	9.00	48.00	0.00	0.00	0.00	0.00	55.00	1	12.0	0	3	2					2.72	130.56
N0437	23.60	54	26	27.10	8.00	32.10	24.00	15.50	20.50	44.50	24.90	4.30	3.40	8.00	67.00	1	25.0	14	3	2					23.60	1,050.20
N0506	2.54	79	26	21.40	5.50	24.70	16.50	9.80	16.50	33.00	10.40	0.70	2.40	3.50	45.50	1	28.0	8	3	1					2.54	83.82
N0512	14.06	79	10	13.90	4.00	39.60	26.00	15.40	22.50	48.50	44.70	8.10	1.50	8.00	71.00	6	24.0	15	3	1					14.06	681.91
N0513	2.88	79	26	7.20	3.30	12.10	10.00	41.80	60.00	70.00	0.00	0.00	0.00	0.00	73.30	4	33.0	0	3	1			2.88	201.60		
	156.68																				**0.00**	**0.00**	**22.87**	**1,455.18**	**133.81**	**5,321.12**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**22.87**	**1,455.18**	**133.81**	**5,321.12**
	Suitable and Potentially Suitable					
	Acres		BA			
	22.87		**1,455.18**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	156.68		**6,776.30**			

Appendix E. Table 111. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **N04-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability							
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential		Minimally Managed Pine-Dominated	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA	Acres	BA
N0401	15.84	116	26	38.60	11.10	14.80	11.10	21.90	34.20	45.30	1.20	4.80	0.00	3.70	60.60	1	32.0	3	2	15.84	717.55						
N0403	3.31	77	31	75.60	24.50	47.20	34.00	13.60	19.50	53.50	8.40	8.00	0.30	6.00	87.00	1	26.0	3	2			3.31	177.09				
N0412	11.12	60	26	51.30	14.50	30.20	22.00	13.60	19.50	41.50	11.90	1.90	1.90	4.00	64.50	1	18.0	3	2	11.12	461.48						
N0413	2.50	52	26U	26.40	9.00	25.70	19.00	15.80	22.50	41.50	18.20	3.00	1.10	3.50	58.50	1	36.0	3	2	2.50	103.75						
N0414	8.28	52	26	76.00	20.00	35.30	22.50	5.60	8.80	31.30	3.00	8.50	2.10	10.10	62.70	1	19.0	3	2			8.28	259.16				
N0415	0.39	77	26	47.10	14.20	14.60	10.50	19.00	28.90	39.40	28.10	4.60	1.20	4.80	65.20	1	21.0	3	2	0.39	15.37						
N0421	0.45	63	31	37.10	12.50	28.40	20.00	18.10	29.00	49.00	0.00	8.80	2.50	9.50	71.00	2	20.0	3	2	0.45	22.05						
N0424	0.00	22	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					0.00	0.00		
N0437	3.31	54	26	27.10	8.00	32.10	24.00	15.50	20.50	44.50	24.90	4.30	3.40	8.00	67.00	1	25.0	3	2	3.31	147.30						
N0438	16.85	52	26	26.40	9.00	25.70	19.00	15.80	22.50	41.50	18.20	3.00	1.10	3.50	58.50	1	36.0	3	2	16.85	699.28						
N0440	1.02	0	NM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0							1.02	0.00
N0506	4.83	79	26	21.40	5.50	24.70	16.50	9.80	16.50	33.00	10.40	0.70	2.40	3.50	45.50	1	28.0	3	1	4.83	159.39						
N0507	13.61	79	10	61.30	14.70	35.40	23.50	8.00	14.10	37.60	30.30	11.90	3.00	12.90	72.80	1	22.0	3	1			13.61	511.74				
N0509	14.30	75	25	41.80	10.00	31.00	21.40	10.50	15.00	36.40	23.70	3.40	0.40	2.80	56.30	1	24.0	3	1	14.30	520.52						
N0510	7.82	75	26	8.70	3.80	16.90	12.50	8.20	16.30	28.80	10.60	0.00	0.00	0.00	35.10	2	31.0	3	1					7.82	225.22		
N0511	2.31	75	25	21.00	6.10	13.50	9.40	9.40	15.00	24.40	7.10	1.90	0.40	1.70	34.40	2	37.0	3	1					2.31	56.36		
N0512	5.58	79	10	13.90	4.00	39.60	26.00	15.40	22.50	48.50	44.70	8.10	1.50	8.00	71.00	6	24.0	3	1			5.58	270.63				
N0738	4.54	83	26	0.00	0.00	3.40	3.10	32.10	60.00	63.10	3.50	3.70	1.60	4.60	69.20	2	21.0	3	1	4.54	286.47						
N0741	2.24	75	26	2.60	0.50	5.40	4.00	19.30	36.00	40.00	10.90	5.90	1.90	6.50	50.50	1	24.0	3	1	2.24	89.60						
	118.30																			**76.37**	**3,222.76**	**30.78**	**1,218.62**	**10.13**	**281.58**	**1.02**	**0.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted
NM = Unmanaged pine habitat on edge of of Fort Benning boundary

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential		Minimally	
		Acres	BA	Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential		Minimally	
	Acres	BA	Acres	BA	Acres	BA	Acres	BA
	76.37	**3,222.76**	**30.78**	**1,218.62**	**10.13**	**281.58**	**1.02**	**0.00**
	Suitable and Potentially Suitable							
	Acres		BA					
	107.15		**4,441.38**					
	Total Manageable Potentially Contiguous Pine Habitat							
	Acres		BA					
	118.30		**4,722.96**					

Appendix E. Table 112. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **N04-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability							
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential		Minimally Managed Pine-Dominated	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA	Acres	BA
N0401	15.84	116	26	38.60	11.10	14.80	11.10	21.90	34.20	45.30	1.20	4.80	0.00	3.70	60.60	1	32.0	12	3	2			15.84	717.55				
N0403	3.31	77	31	75.60	24.50	47.20	34.00	13.60	19.50	53.50	8.40	8.00	0.30	6.00	87.00	1	26.0	12	3	2					3.31	177.09		
N0412	11.12	60	26	51.30	14.50	30.20	22.00	13.60	19.50	41.50	11.90	1.90	1.90	4.00	64.50	1	18.0	8	3	2					11.12	461.48		
N0413	2.50	52	26U	26.40	9.00	25.70	19.00	15.80	22.50	41.50	18.20	3.00	1.10	3.50	58.50	1	36.0	9	3	2					2.50	103.75		
N0414	8.28	52	26	76.00	20.00	35.30	22.50	5.60	8.80	31.30	3.00	8.50	2.10	10.10	62.70	1	19.0	21	3	2					8.28	259.16		
N0415	0.39	77	26	47.10	14.20	14.60	10.50	19.00	28.90	39.40	28.10	4.60	1.20	4.80	65.20	1	21.0	15	3	2					0.39	15.37		
N0421	0.45	63	31	37.10	12.50	28.40	20.00	18.10	29.00	49.00	0.00	8.80	2.50	9.50	71.00	2	20.0	20	3	2			0.45	22.05				
N0424	0.00	22	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					0.00	0.00		
N0437	3.31	54	26	27.10	8.00	32.10	24.00	15.50	20.50	44.50	24.90	4.30	3.40	8.00	67.00	1	25.0	14	3	2					3.31	147.30		
N0438	16.85	52	26	26.40	9.00	25.70	19.00	15.80	22.50	41.50	18.20	3.00	1.10	3.50	58.50	1	36.0	9	3	2					16.85	699.28		
N0440	1.02	0	NM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0	0							1.02	0.00
N0506	4.83	79	26	21.40	5.50	24.70	16.50	9.80	16.50	33.00	10.40	0.70	2.40	3.50	45.50	1	28.0	8	3	1					4.83	159.39		
N0507	13.61	79	10	61.30	14.70	35.40	23.50	8.00	14.10	37.60	30.30	11.90	3.00	12.90	72.80	1	22.0	26	3	1					13.61	511.74		
N0509	14.30	75	25	41.80	10.00	31.00	21.40	10.50	15.00	36.40	23.70	3.40	0.40	2.80	56.30	1	24.0	8	3	1					14.30	520.52		
N0510	7.82	75	26	8.70	3.80	16.90	12.50	8.20	16.30	28.80	10.60	0.00	0.00	0.00	35.10	2	31.0	0	3	1					7.82	225.22		
N0511	2.31	75	25	21.00	6.10	13.50	9.40	9.40	15.00	24.40	7.10	1.90	0.40	1.70	34.40	2	37.0	9	3	1					2.31	56.36		
N0512	5.58	79	10	13.90	4.00	39.60	26.00	15.40	22.50	48.50	44.70	8.10	1.50	8.00	71.00	6	24.0	15	3	1					5.58	270.63		
N0738	4.54	83	26	0.00	0.00	3.40	3.10	32.10	60.00	63.10	3.50	3.70	1.60	4.60	69.20	2	21.0	13	3	1			4.54	286.47				
N0741	2.24	75	26	2.60	0.50	5.40	4.00	19.30	36.00	40.00	10.90	5.90	1.90	6.50	50.50	1	24.0	24	3	1			2.24	89.60				
	118.30																				**0.00**	**0.00**	**23.07**	**1,115.67**	**94.21**	**3,607.29**	**1.02**	**0.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted
NM = Unmanaged pine habitat on edge of of Fort Benning boundary

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential		Minimally Managed	
		Acres	BA	Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential		Minimally Managed	
	Acres	BA	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**23.07**	**1,115.67**	**94.21**	**3,607.29**	**1.02**	**0.00**
	Suitable and Potentially Suitable							
	Acres		BA					
	23.07		**1,115.67**					
	Total Manageable Potentially Contiguous Pine Habitat							
	Acres		BA					
	118.30		**4,722.96**					

Appendix E. Table 113. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **N04-D**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
N0336	10.45	76	13	70.60	18.50	17.30	12.00	29.90	41.00	53.00	46.80	10.10	5.40	15.00	100.00	7	16.0	3	2			10.45	553.85		
N0338	10.92	45	25	50.50	17.30	33.90	22.70	12.90	16.40	39.10	8.70	5.50	0.90	5.40	65.40	6	25.0	3	2			10.92	426.97		
N0339	28.04	60	25	62.80	17.00	33.20	23.00	21.80	27.50	50.50	10.60	9.30	3.00	10.00	80.50	6	16.0	3	2			28.04	1,416.02		
N0360	36.53	55	10	83.40	23.50	25.60	16.00	18.90	24.50	40.50	21.10	6.00	7.10	13.50	84.00	3	17.0	3	2			36.53	1,479.47		
N0426	15.18	51	26	111.60	32.00	49.10	33.00	8.20	10.50	43.50	20.60	6.10	4.40	10.50	92.00	1	21.0	3	2			15.18	660.33		
N0427	11.23	51	22P	22.20	7.00	59.20	39.00	7.70	9.00	48.00	0.00	0.00	0.00	0.00	55.00	1	12.0	3	2	11.23	539.04				
N0428	21.59	48	26	102.20	31.00	45.90	32.00	7.70	9.50	41.50	10.90	7.80	5.90	13.00	89.50	5	13.0	3	2			21.59	895.99		
N0429	15.98	101	26	8.30	2.50	7.80	5.50	34.90	58.00	63.50	5.60	2.90	1.00	4.50	72.00	6	12.0	3	2			15.98	1,014.73		
N0430	9.85	56	13	54.90	16.00	33.00	22.50	5.80	8.50	31.00	42.10	11.70	4.00	14.00	73.50	5	12.0	3	2			9.85	305.35		
N0433	9.71	8	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					9.71	0.00
N0434	60.73	57	26	41.70	14.00	31.90	23.00	14.90	22.50	45.50	27.30	5.60	3.00	8.50	76.00	1	12.0	3	1	60.73	2,763.22				
N0435	1.05	30	31	171.40	44.30	18.40	11.40	5.00	7.10	18.50	14.60	2.40	1.40	2.80	68.50	6	14.0	3	1					1.05	19.43
O0511	4.12	90	13	119.60	32.50	15.30	12.50	9.90	15.00	27.50	12.70	2.90	2.70	7.50	70.00	5	18.0	3	1					4.12	113.30
O0512	0.53	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.53	0.00
O0514	1.22	87	26	11.80	4.30	19.10	14.30	18.60	30.00	44.30	0.00	4.00	2.60	5.80	54.40	4	26.0	3	1					1.22	54.05
O0517	6.26	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.26	0.00
O0521	2.53	52	10	124.70	34.70	40.50	27.30	10.90	16.00	43.30	27.50	7.60	6.00	14.00	99.30	2	15.0	3	1			2.53	109.55		
O0524	0.46	46	25	42.30	12.90	19.30	12.90	24.60	34.10	47.00	11.80	2.60	2.50	4.70	68.10	2	23.0	3	1	0.46	21.62				
O1412	0.35	101	22P	43.30	14.50	38.00	24.50	11.10	13.60	38.10	0.00	0.00	0.00	0.00	52.60	1	19.0	3	1	0.35	13.34				
	246.73																			**72.77**	**3,337.22**	**151.07**	**6,862.26**	**22.89**	**186.78**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	72.77	**3,337.22**	**151.07**	**6,862.26**	**22.89**	**186.78**
	Suitable and Potentially Suitable					
	Acres		BA			
	223.84		**10,199.48**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	246.73		**10,386.26**			

Appendix E. Table 114. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **N04-D**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
N0336	10.45	76	13	70.60	18.50	17.30	12.00	29.90	41.00	53.00	46.80	10.10	5.40	15.00	100.00	7	16.0	25	3	2			10.45	553.85		
N0338	10.92	45	25	50.50	17.30	33.90	22.70	12.90	16.40	39.10	8.70	5.50	0.90	5.40	65.40	6	25.0	0	3	2					10.92	426.97
N0339	28.04	60	25	62.80	17.00	33.20	23.00	21.80	27.50	50.50	10.60	9.30	3.00	10.00	80.50	6	16.0	18	3	2			28.04	1,416.02		
N0360	36.53	55	10	83.40	23.50	25.60	16.00	18.90	24.50	40.50	21.10	6.00	7.10	13.50	84.00	3	17.0	23	3	2					36.53	1,479.47
N0426	15.18	51	26	111.60	32.00	49.10	33.00	8.20	10.50	43.50	20.60	6.10	4.40	10.50	92.00	1	21.0	15	3	2					15.18	660.33
N0427	11.23	51	22P	22.20	7.00	59.20	39.00	7.70	9.00	48.00	0.00	0.00	0.00	0.00	55.00	1	12.0	0	3	2					11.23	539.04
N0428	21.59	48	26	102.20	31.00	45.90	32.00	7.70	9.50	41.50	10.90	7.80	5.90	13.00	89.50	5	13.0	20	3	2					21.59	895.99
N0429	15.98	101	26	8.30	2.50	7.80	5.50	34.90	58.00	63.50	5.60	2.90	1.00	4.50	72.00	6	12.0	8	3	2			15.98	1,014.73		
N0430	9.85	56	13	54.90	16.00	33.00	22.50	5.80	8.50	31.00	42.10	11.70	4.00	14.00	73.50	5	12.0	29	3	2					9.85	305.35
N0433	9.71	8	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					9.71	0.00
N0434	60.73	57	26	41.70	14.00	31.90	23.00	14.90	22.50	45.50	27.30	5.60	3.00	8.50	76.00	1	12.0	16	3	1					60.73	2,763.22
N0435	1.05	30	31	171.40	44.30	18.40	11.40	5.00	7.10	18.50	14.60	2.40	1.40	2.80	68.50	6	14.0	14	3	1					1.05	19.43
O0511	4.12	90	13	119.60	32.50	15.30	12.50	9.90	15.00	27.50	12.70	2.90	2.70	7.50	70.00	5	18.0	18	3	1					4.12	113.30
O0512	0.53	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.53	0.00
O0514	1.22	87	26	11.80	4.30	19.10	14.30	18.60	30.00	44.30	0.00	4.00	2.60	5.80	54.40	4	26.0	15	3	1			1.22	54.05		
O0517	6.26	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.26	0.00
O0521	2.53	52	10	124.70	34.70	40.50	27.30	10.90	16.00	43.30	27.50	7.60	6.00	14.00	99.30	2	15.0	21	3	1					2.53	109.55
O0524	0.46	46	25	42.30	12.90	19.30	12.90	24.60	34.10	47.00	11.80	2.60	2.50	4.70	68.10	2	23.0	10	3	1					0.46	21.62
O1412	0.35	101	22P	43.30	14.50	38.00	24.50	11.10	13.60	38.10	0.00	0.00	0.00	0.00	52.60	1	19.0	0	3	1					0.35	13.34
	246.73																				**0.00**	**0.00**	**55.69**	**3,038.65**	**191.04**	**7,347.61**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	55.69	3,038.65	191.04	7,347.61
	Suitable and Potentially Suitable					
	Acres		BA			
	55.69		3,038.65			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	246.73		10,386.26			

Appendix E. Table 115. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **N05-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
N0501	15.07	56	31	9.60	3.00	18.10	13.00	12.10	17.00	30.00	17.00	1.20	0.60	2.00	40.50	4	28.0	3	1	15.07	452.10				
N0503	69.03	98	26	5.50	2.00	18.10	12.00	20.30	30.50	42.50	13.20	1.30	0.30	1.50	50.00	1	30.0	3	1	69.03	2,933.78				
N0504	8.43	38	25	181.70	41.50	16.50	10.80	5.10	7.70	18.50	23.50	0.00	0.00	0.00	63.80	1	21.0	3	1					8.43	155.96
N0506	28.84	79	26	21.40	5.50	24.70	16.50	9.80	16.50	33.00	10.40	0.70	2.40	3.50	45.50	1	28.0	3	1	28.84	951.72				
N0507	3.33	79	10	61.30	14.70	35.40	23.50	8.00	14.10	37.60	30.30	11.90	3.00	12.90	72.80	1	22.0	3	1			3.33	125.21		
N0512	6.79	79	10	13.90	4.00	39.60	26.00	15.40	22.50	48.50	44.70	8.10	1.50	8.00	71.00	6	24.0	3	1			6.79	329.32		
N0514	0.34	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.34	0.00
N0606	3.52	62	26	13.50	5.00	17.10	12.50	21.30	34.50	47.00	0.00	4.90	1.10	5.50	57.50	4	22.0	3	1	3.52	165.44				
N0609	42.90	56	31	9.60	3.00	18.10	13.00	12.10	17.00	30.00	17.00	1.20	0.60	2.00	40.50	4	28.0	3	1	42.90	1,287.00				
N0611	19.10	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					19.10	0.00
N0612	1.63	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.63	0.00
N0613	12.88	41	26	44.10	14.00	18.30	12.00	9.10	12.00	24.00	0.00	0.00	0.00	0.00	38.00	1	26.0	3	1					12.88	309.12
N0614	8.21	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					8.21	0.00
N0725	0.80	91	25	32.40	9.40	14.20	10.00	16.80	25.00	35.00	17.30	2.80	0.00	1.70	51.10	6	26.0	3	1			0.80	28.00		
N0729	3.74	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.74	0.00
N0730	1.40	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.40	0.00
N0737	6.00	51	10	54.30	12.80	13.20	9.40	12.30	23.30	32.70	19.00	7.60	1.50	7.80	60.00	1	18.0	3	1	6.00	196.20				
N0741	1.91	75	26	2.60	0.50	5.40	4.00	19.30	36.00	40.00	10.90	5.90	1.90	6.50	50.50	1	24.0	3	1	1.91	76.40				
O2533	6.35	48	31	55.20	17.80	43.20	30.00	11.80	15.00	45.00	19.10	2.30	1.60	3.90	71.70	2	29.0	3	1	6.35	285.75				
O2552	4.17	45	31	41.70	12.00	26.70	19.00	14.20	19.50	38.50	0.00	0.00	0.40	0.50	51.00	1	42.0	3	1	4.17	160.55				
	244.44																			**177.79**	**6,508.94**	**10.92**	**482.53**	**55.73**	**465.08**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	177.79	**6,508.94**	**10.92**	**482.53**	**55.73**	**465.08**
	Suitable and Potentially Suitable					
	Acres		BA			
	188.71		**6,991.47**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	244.44		**7,456.55**			

Appendix E. Table 116. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **N05-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
N0501	15.07	56	31	9.60	3.00	18.10	13.00	12.10	17.00	30.00	17.00	1.20	0.60	2.00	40.50	4	28.0	6	3	1					15.07	452.10
N0503	69.03	98	26	5.50	2.00	18.10	12.00	20.30	30.50	42.50	13.20	1.30	0.30	1.50	50.00	1	30.0	4	3	1			69.03	2,933.78		
N0504	8.43	38	25	181.70	41.50	16.50	10.80	5.10	7.70	18.50	23.50	0.00	0.00	0.00	63.80	1	21.0	0	3	1					8.43	155.96
N0506	28.84	79	26	21.40	5.50	24.70	16.50	9.80	16.50	33.00	10.40	0.70	2.40	3.50	45.50	1	28.0	8	3	1					28.84	951.72
N0507	3.33	79	10	61.30	14.70	35.40	23.50	8.00	14.10	37.60	30.30	11.90	3.00	12.90	72.80	1	22.0	26	3	1					3.33	125.21
N0512	6.79	79	10	13.90	4.00	39.60	26.00	15.40	22.50	48.50	44.70	8.10	1.50	8.00	71.00	6	24.0	15	3	1					6.79	329.32
N0514	0.34	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.34	0.00
N0606	3.52	62	26	13.50	5.00	17.10	12.50	21.30	34.50	47.00	0.00	4.90	1.10	5.50	57.50	4	22.0	14	3	1			3.52	165.44		
N0609	42.90	56	31	9.60	3.00	18.10	13.00	12.10	17.00	30.00	17.00	1.20	0.60	2.00	40.50	4	28.0	6	3	1					42.90	1,287.00
N0611	19.10	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					19.10	0.00
N0612	1.63	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.63	0.00
N0613	12.88	41	26	44.10	14.00	18.30	12.00	9.10	12.00	24.00	0.00	0.00	0.00	0.00	38.00	1	26.0	0	3	1					12.88	309.12
N0614	8.21	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					8.21	0.00
N0725	0.80	91	25	32.40	9.40	14.20	10.00	16.80	25.00	35.00	17.30	2.80	0.00	1.70	51.10	6	26.0	8	3	1					0.80	28.00
N0729	3.74	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.74	0.00
N0730	1.40	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.40	0.00
N0737	6.00	51	10	54.30	12.80	13.20	9.40	12.30	23.30	32.70	19.00	7.60	1.50	7.80	60.00	1	18.0	26	3	1					6.00	196.20
N0741	1.91	75	26	2.60	0.50	5.40	4.00	19.30	36.00	40.00	10.90	5.90	1.90	6.50	50.50	1	24.0	24	3	1			1.91	76.40		
O2533	6.35	48	31	55.20	17.80	43.20	30.00	11.80	15.00	45.00	19.10	2.30	1.60	3.90	71.70	2	29.0	7	3	1					6.35	285.75
O2552	4.17	45	31	41.70	12.00	26.70	19.00	14.20	19.50	38.50	0.00	0.00	0.40	0.50	51.00	1	42.0	1	3	1					4.17	160.55
	244.44																				**0.00**	**0.00**	**74.46**	**3,175.62**	**169.98**	**4,280.93**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**74.46**	**3,175.62**	**169.98**	**4,280.93**
	Suitable and Potentially Suitable					
	Acres		BA			
	74.46		**3,175.62**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	244.44		**7,456.55**			

Appendix E. Table 117. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O01-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O0101	7.33	56	26	7.60	2.50	8.80	6.50	12.50	19.50	26.00	14.20	5.50	2.50	7.50	40.00	7	22.0	3	1					7.33	190.58
O0102	28.67	24	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					28.67	0.00
O0103	82.65	79	26	5.90	1.50	7.60	6.00	14.70	21.00	27.00	20.00	2.80	2.00	5.00	38.50	1	28.0	3	1					82.65	2,231.55
O0104	8.81	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					8.81	0.00
O0106	0.51	56	31	25.00	6.70	10.60	7.20	9.10	14.40	21.60	6.90	0.70	1.60	3.40	33.90	1	36.0	3	1					0.51	11.02
O0108	1.38	56	31	16.20	4.50	8.40	6.00	10.80	17.50	23.50	5.80	1.60	0.30	1.50	31.00	1	28.0	3	1					1.38	32.43
O0109	0.05	56	31	16.20	4.50	8.40	6.00	10.80	17.50	23.50	5.80	1.60	0.30	1.50	31.00	1	28.0	3	1					0.05	1.18
O0110	4.95	101	31	58.40	18.60	12.70	10.00	37.90	57.10	67.10	47.50	11.40	3.40	11.40	111.40	7	0.0	3	1			4.95	332.15		
O0817	4.31	91	26	8.90	2.50	11.30	8.00	20.70	29.00	37.00	8.90	0.50	2.30	3.50	46.00	2	27.0	3	1	4.31	159.47				
O0822	3.49	87	26	59.40	18.30	46.20	32.50	22.00	29.20	61.70	8.10	12.70	1.40	10.90	93.40	5	11.0	3	1			3.49	215.33		
O0826	30.49	59	26	12.40	4.50	32.00	22.00	15.20	21.50	43.50	10.50	3.40	1.30	4.50	54.50	2	29.0	3	1	30.49	1,326.32				
O0827	9.61	71	26U	44.10	12.00	27.20	18.00	15.90	21.00	39.00	9.30	0.80	1.20	2.00	55.50	1	39.0	3	1	9.61	374.79				
O0828	2.73	71	26	48.90	12.70	29.80	21.30	21.60	33.30	54.60	0.00	1.30	0.60	1.40	68.70	1	29.0	3	1	2.73	149.06				
	184.98																			**47.14**	**2,009.64**	**8.44**	**547.48**	**129.40**	**2,466.76**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
O0108					1.38	32.43
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**1.38**	**32.43**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
47.14	**2,009.64**	**8.44**	**547.48**	**128.02**	**2,434.33**

Suitable and Potentially Suitable

Acres	BA
55.58	**2,557.12**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
183.60	**4,991.45**

Appendix E. Table 118. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O01-A,** Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
O0101	7.33	56	26	7.60	2.50	8.80	6.50	12.50	19.50	26.00	14.20	5.50	2.50	7.50	40.00	7	22.0	27	3	1					7.33	190.58
O0102	28.67	24	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					28.67	0.00
O0103	82.65	79	26	5.90	1.50	7.60	6.00	14.70	21.00	27.00	20.00	2.80	2.00	5.00	38.50	1	28.0	18	3	1					82.65	2,231.55
O0104	8.81	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					8.81	0.00
O0106	0.51	56	31	25.00	6.70	10.60	7.20	9.10	14.40	21.60	6.90	0.70	1.60	3.40	33.90	1	36.0	10	3	1					0.51	11.02
O0108	1.38	56	31	16.20	4.50	8.40	6.00	10.80	17.50	23.50	5.80	1.60	0.30	1.50	31.00	1	28.0	9	3	1					1.38	32.43
O0109	0.05	56	31	16.20	4.50	8.40	6.00	10.80	17.50	23.50	5.80	1.60	0.30	1.50	31.00	1	28.0	9	3	1					0.05	1.18
O0110	4.95	101	31	58.40	18.60	12.70	10.00	37.90	57.10	67.10	47.50	11.40	3.40	11.40	111.40	7	0.0	23	3	1	4.95	332.15				
O0817	4.31	91	26	8.90	2.50	11.30	8.00	20.70	29.00	37.00	8.90	0.50	2.30	3.50	46.00	2	27.0	8	3	1					4.31	159.47
O0822	3.49	87	26	59.40	18.30	46.20	32.50	22.00	29.20	61.70	8.10	12.70	1.40	10.90	93.40	5	11.0	17	3	1	3.49	215.33				
O0826	30.49	59	26	12.40	4.50	32.00	22.00	15.20	21.50	43.50	10.50	3.40	1.30	4.50	54.50	2	29.0	9	3	1					30.49	1,326.32
O0827	9.61	71	26U	44.10	12.00	27.20	18.00	15.90	21.00	39.00	9.30	0.80	1.20	2.00	55.50	1	39.0	4	3	1					9.61	374.79
O0828	2.73	71	26	48.90	12.70	29.80	21.30	21.60	33.30	54.60	0.00	1.30	0.60	1.40	68.70	1	29.0	4	3	1	2.73	149.06				
	177.65																				**0.00**	**0.00**	**11.17**	**696.54**	**173.81**	**4,327.34**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
O0108					1.38	32.43
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**1.38**	**32.43**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**11.17**	**696.54**	**172.43**	**4,294.91**

Suitable and Potentially Suitable

Acres	BA
11.17	**696.54**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
183.60	**4,991.45**

Appendix E. Table 119. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O03-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O0218	0.23	61	25	51.00	15.00	27.60	20.50	8.90	13.00	33.50	18.20	5.60	1.40	6.50	59.00	7	22.0	3	1			0.23	7.71		
O0309	3.51	45	25	20.40	5.50	10.60	7.50	18.30	27.50	35.00	26.20	11.90	1.60	10.50	58.00	1	20.0	3	1			3.51	122.85		
O0310	5.98	45	26U	0.00	0.00	6.20	5.00	13.10	23.30	28.30	0.00	6.10	0.00	3.30	31.60	4	40.0	3	1					5.98	169.23
O0311	8.98	45	26	60.40	13.80	10.50	7.70	9.70	16.20	23.90	1.60	1.50	0.00	0.80	39.30	1	33.0	3	1					8.98	214.62
O0312	15.80	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					15.80	0.00
O0313	21.06	99	31U	0.00	0.00	1.10	1.00	14.80	27.50	28.50	2.50	0.00	0.20	0.50	29.50	1	22.0	3	1					21.06	600.21
O0320	1.16	55	31	38.60	10.50	38.40	28.50	11.60	15.00	43.50	1.60	0.00	0.00	0.00	54.50	2	51.0	3	1	1.16	50.46				
O0321	32.18	52	25	24.30	7.80	14.70	10.60	11.20	17.20	27.80	9.50	2.60	1.10	3.90	42.30	8	13.0	3	1					32.18	894.60
O0322	31.53	90	26	33.70	10.50	11.40	9.00	25.60	43.00	52.00	1.10	3.80	0.70	3.50	66.50	2	28.0	3	1	31.53	1,639.56				
O0329	2.57	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.57	0.00
O0409	0.12	45	25	20.40	5.50	10.60	7.50	18.30	27.50	35.00	26.20	11.90	1.60	10.50	58.00	1	20.0	3	1			0.12	4.20		
O0613	4.10	8	21P	10.30	2.50	1.90	1.50	6.00	10.00	11.50	8.10	2.70	4.70	10.50	27.00	1	14.0	3	1					4.10	47.15
O0617	3.26	28	31P	268.80	76.70	5.80	3.30	0.00	0.00	3.30	0.00	0.00	0.00	0.00	80.00	3	10.0	3	1					3.26	10.76
O0709	0.51	88	25	4.60	1.00	8.00	6.00	22.50	33.00	39.00	6.20	1.40	6.60	10.00	52.00	1	22.0	3	1			0.51	19.89		
	130.99																			**32.69**	**1,690.02**	**4.37**	**154.65**	**93.93**	**1,936.57**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
	Acres	BA	Acres	BA	Acres	BA
O0218			0.23	7.71		
O0613					4.10	47.15
O0617					3.26	10.76
O0709			0.51	19.89		
TOTALS	**0.00**	**0.00**	**0.74**	**27.60**	**7.36**	**57.91**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
Acres	BA	Acres	BA	Acres	BA
32.69	**1,690.02**	**3.63**	**127.05**	**86.57**	**1,878.66**

Suitable and Potentially Suitable	
Acres	BA
36.32	**1,817.07**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
122.89	**3,695.73**

Appendix E. Table 120. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O03-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O0218	0.23	61	25	51.00	15.00	27.60	20.50	8.90	13.00	33.50	18.20	5.60	1.40	6.50	59.00	7	22.0	16	3	1					0.23	7.71
O0309	3.51	45	25	20.40	5.50	10.60	7.50	18.30	27.50	35.00	26.20	11.90	1.60	10.50	58.00	1	20.0	32	3	1					3.51	122.85
O0310	5.98	45	26U	0.00	0.00	6.20	5.00	13.10	23.30	28.30	0.00	6.10	0.00	3.30	31.60	4	40.0	24	3	1					5.98	169.23
O0311	8.98	45	26	60.40	13.80	10.50	7.70	9.70	16.20	23.90	1.60	1.50	0.00	0.80	39.30	1	33.0	7	3	1					8.98	214.62
O0312	15.80	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					15.80	0.00
O0313	21.06	99	31U	0.00	0.00	1.10	1.00	14.80	27.50	28.50	2.50	0.00	0.20	0.50	29.50	1	22.0	1	3	1					21.06	600.21
O0320	1.16	55	31	38.60	10.50	38.40	28.50	11.60	15.00	43.50	1.60	0.00	0.00	0.00	54.50	2	51.0	0	3	1					1.16	50.46
O0321	32.18	52	25	24.30	7.80	14.70	10.60	11.20	17.20	27.80	9.50	2.60	1.10	3.90	42.30	8	13.0	13	3	1					32.18	894.60
O0322	31.53	90	26	33.70	10.50	11.40	9.00	25.60	43.00	52.00	1.10	3.80	0.70	3.50	66.50	2	28.0	11	3	1			31.53	1,639.56		
O0329	2.57	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.57	0.00
O0409	0.12	45	25	20.40	5.50	10.60	7.50	18.30	27.50	35.00	26.20	11.90	1.60	10.50	58.00	1	20.0	32	3	1					0.12	4.20
O0613	4.10	8	21P	10.30	2.50	1.90	1.50	6.00	10.00	11.50	8.10	2.70	4.70	10.50	27.00	1	14.0	48	3	1					4.10	47.15
O0617	3.26	28	31P	268.80	76.70	5.80	3.30	0.00	0.00	3.30	0.00	0.00	0.00	0.00	80.00	3	10.0	0	3	1					3.26	10.76
O0709	0.51	88	25	4.60	1.00	8.00	6.00	22.50	33.00	39.00	6.20	1.40	6.60	10.00	52.00	1	22.0	21	3	1					0.51	19.89
	130.99																				**0.00**	**0.00**	**31.53**	**1,639.56**	**99.46**	**2,141.68**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
O0218					0.23	7.71
O0613					4.10	47.15
O0617					3.26	10.76
O0709					0.51	19.89
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**8.10**	**85.51**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**31.53**	**1,639.56**	**91.36**	**2,056.17**

Suitable and Potentially Suitable	
Acres	BA
31.53	**1,639.56**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
122.89	**3,695.73**

Appendix E. Table 121. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O03-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
M0103	8.80	69	25	46.00	13.50	24.60	17.50	16.80	28.00	45.50	14.40	9.30	4.40	12.00	76.00	1	19.0	3	1			8.80	400.33		
M0106	4.12	92	13	31.40	9.50	15.60	10.50	9.80	15.50	26.00	30.90	14.10	5.20	18.50	63.00	1	10.0	3	1					4.12	107.16
M0111	4.97	92	13	31.40	9.50	15.60	10.50	9.80	15.50	26.00	30.90	14.10	5.20	18.50	63.00	1	10.0	3	1					4.97	129.30
M0202	5.99	61	25	13.70	5.00	40.80	30.00	8.30	11.30	41.30	0.00	1.60	1.20	2.60	48.90	1	29.0	3	1	5.99	247.35				
M0203	22.99	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					22.99	0.00
M0207	22.73	74	26U	37.20	13.00	23.70	15.50	10.40	16.50	32.00	5.30	2.00	1.80	4.00	50.50	1	32.0	3	1	22.73	727.52				
O0320	23.19	55	31	38.60	10.50	38.40	28.50	11.60	15.00	43.50	1.60	0.00	0.00	0.00	54.50	2	51.0	3	1	23.19	1,008.77				
O0321	13.71	52	25	24.30	7.80	14.70	10.60	11.20	17.20	27.80	9.50	2.60	1.10	3.90	42.30	8	13.0	3	1					13.71	381.20
O0325	0.14	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.14	0.00
O0327	9.75	71	31	45.30	12.00	28.40	21.00	25.60	36.50	57.50	4.70	2.00	0.30	1.50	72.50	2	26.0	3	1	9.75	560.41				
O0328	30.01	53	25	27.20	8.40	22.80	16.30	13.70	19.50	35.80	16.80	6.20	1.40	5.80	53.70	1	24.0	3	1	30.01	1,074.26				
O0329	12.57	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					12.57	0.00
O0332	26.68	69	26	18.80	5.50	11.50	8.00	20.20	33.50	41.50	24.90	5.20	2.20	7.00	62.00	2	23.0	3	1	26.68	1,107.17				
O0334	17.39	69	25	10.60	2.80	19.10	14.40	22.30	33.30	47.70	2.60	0.70	1.70	3.40	54.50	1	24.0	3	1	17.39	829.27				
O0335	2.69	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.69	0.00
O0418	3.05	100	21	10.80	3.50	10.90	8.50	18.40	27.00	35.50	10.30	2.30	0.30	2.00	43.50	2	30.0	3	1					3.05	108.11
O0419	7.21	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					7.21	0.00
O0431	6.48	100	26	62.70	16.50	18.60	12.50	9.30	14.00	26.50	7.30	1.10	2.80	5.50	51.00	4	15.0	3	1					6.48	171.70
	222.46																			**135.73**	**5,554.73**	**8.80**	**400.33**	**77.93**	**897.46**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
M0202	5.99	247.35				
M0203					22.99	0.00
M0207	22.73	727.52				
TOTALS	**28.72**	**974.87**	**0.00**	**0.00**	**22.99**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
107.01	**4,579.86**	**8.80**	**400.33**	**54.94**	**897.46**

Suitable and Potentially Suitable

Acres	BA
115.81	**4,980.19**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
170.75	**5,877.66**

Appendix E. Table 122. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O03-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
M0103	8.80	69	25	46.00	13.50	24.60	17.50	16.80	28.00	45.50	14.40	9.30	4.40	12.00	76.00	1	19.0	25	3	1					8.80	400.33
M0106	4.12	92	13	31.40	9.50	15.60	10.50	9.80	15.50	26.00	30.90	14.10	5.20	18.50	63.00	1	10.0	43	3	1					4.12	107.16
M0111	4.97	92	13	31.40	9.50	15.60	10.50	9.80	15.50	26.00	30.90	14.10	5.20	18.50	63.00	1	10.0	43	3	1					4.97	129.30
M0202	5.99	61	25	13.70	5.00	40.80	30.00	8.30	11.30	41.30	0.00	1.60	1.20	2.60	48.90	1	29.0	5	3	1					5.99	247.35
M0203	22.99	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					22.99	0.00
M0207	22.73	74	26U	37.20	13.00	23.70	15.50	10.40	16.50	32.00	5.30	2.00	1.80	4.00	50.50	1	32.0	10	3	1					22.73	727.52
O0320	23.19	55	31	38.60	10.50	38.40	28.50	11.60	15.00	43.50	1.60	0.00	0.00	0.00	54.50	2	51.0	0	3	1					23.19	1,008.77
O0321	13.71	52	25	24.30	7.80	14.70	10.60	11.20	17.20	27.80	9.50	2.60	1.10	3.90	42.30	8	13.0	13	3	1					13.71	381.20
O0325	0.14	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.14	0.00
O0327	9.75	71	31	45.30	12.00	28.40	21.00	25.60	36.50	57.50	4.70	2.00	0.30	1.50	72.50	2	26.0	4	3	1	9.75	560.41				
O0328	30.01	53	25	27.20	8.40	22.80	16.30	13.70	19.50	35.80	16.80	6.20	1.40	5.80	53.70	1	24.0	17	3	1					30.01	1,074.26
O0329	12.57	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					12.57	0.00
O0332	26.68	69	26	18.80	5.50	11.50	8.00	20.20	33.50	41.50	24.90	5.20	2.20	7.00	62.00	2	23.0	19	3	1	26.68	1107.17				
O0334	17.39	69	25	10.60	2.80	19.10	14.40	22.30	33.30	47.70	2.60	0.70	1.70	3.40	54.50	1	24.0	5	3	1	17.39	829.27				
O0335	2.69	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.69	0.00
O0418	3.05	100	21	10.80	3.50	10.90	8.50	18.40	27.00	35.50	10.30	2.30	0.30	2.00	43.50	2	30.0	8	3	1					3.05	108.11
O0419	7.21	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					7.21	0.00
O0431	6.48	100	26	62.70	16.50	18.60	12.50	9.30	14.00	26.50	7.30	1.10	2.80	5.50	51.00	4	15.0	12	3	1					6.48	171.70
	222.46																				**0.00**	**0.00**	**53.81**	**2,496.84**	**168.65**	**4,355.69**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	M0202					5.99	247.35
	M0203					22.99	0.00
	M0207					22.73	727.52
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**51.71**	**974.87**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**53.81**	**2,496.84**	**116.94**	**3,380.82**

Suitable and Potentially Suitable	
Acres	BA
53.81	**2,496.84**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
170.75	**5,877.66**

Appendix E. Table 123. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O04-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
M0102	0.16	69	26	32.80	9.50	18.30	13.50	19.20	31.50	45.00	19.40	3.10	2.90	5.50	66.50	2	12.0	3	1	0.16	7.20				
M0103	1.54	69	25	46.00	13.50	24.60	17.50	16.80	28.00	45.50	14.40	9.30	4.40	12.00	76.00	1	19.0	3	1			1.54	70.07		
O0414	2.25	71	26	35.70	9.00	14.80	10.50	7.30	10.50	21.00	5.10	1.60	1.20	3.50	35.00	7	22.0	3	1					2.25	47.25
O0415	13.53	68	26	2.70	1.00	9.20	7.00	8.20	13.00	20.00	14.30	2.90	1.80	4.50	30.50	1	21.0	3	1					13.53	270.60
O0416	9.74	71	26	35.70	9.00	14.80	10.50	7.30	10.50	21.00	5.10	1.60	1.20	3.50	35.00	7	22.0	3	1					9.74	204.54
O0417	16.80	72	25	82.50	22.50	11.30	9.00	7.70	13.00	22.00	3.70	3.80	0.70	4.00	49.50	1	14.0	3	1					16.80	369.60
O0418	59.84	100	21	10.80	3.50	10.90	8.50	18.40	27.00	35.50	10.30	2.30	0.30	2.00	43.50	2	30.0	3	1	59.84	2,124.32				
O0419	1.17	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.17	0.00
O0423	0.61	93	13	11.70	3.50	12.80	9.50	9.80	14.50	24.00	26.80	19.30	3.00	18.00	53.50	7	24.0	3	1					0.61	14.64
O0431	18.18	100	26	62.70	16.50	18.60	12.50	9.30	14.00	26.50	7.30	1.10	2.80	5.50	51.00	4	15.0	3	1					18.18	481.77
O0437	4.67	71	26	35.70	9.00	14.80	10.50	7.30	10.50	21.00	5.10	1.60	1.20	3.50	35.00	7	22.0	3	1					4.67	98.07
	128.49																			**60.00**	**2,131.52**	**1.54**	**70.07**	**66.95**	**1,486.47**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future PotentiaL	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	60.00	**2,131.52**	**1.54**	**70.07**	**66.95**	**1,486.47**
	Suitable and Potentially Suitable					
	Acres		BA			
	61.54		**2,201.59**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	128.49		**3,688.06**			

Appendix E. Table 124. Red-cockaded woodpecker foraging habitat totals using the Recovery Standard (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster O04-A, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
M0102	0.16	69	26	32.80	9.50	18.30	13.50	19.20	31.50	45.00	19.40	3.10	2.90	5.50	66.50	2	12.0	14	3	1			0.16	7.20		
M0103	1.54	69	25	46.00	13.50	24.60	17.50	16.80	28.00	45.50	14.40	9.30	4.40	12.00	76.00	1	19.0	25	3	1					1.54	70.07
O0414	2.25	71	26	35.70	9.00	14.80	10.50	7.30	10.50	21.00	5.10	1.60	1.20	3.50	35.00	7	22.0	11	3	1					2.25	47.25
O0415	13.53	68	26	2.70	1.00	9.20	7.00	8.20	13.00	20.00	14.30	2.90	1.80	4.50	30.50	1	21.0	21	3	1					13.53	270.60
O0416	9.74	71	26	35.70	9.00	14.80	10.50	7.30	10.50	21.00	5.10	1.60	1.20	3.50	35.00	7	22.0	11	3	1					9.74	204.54
O0417	16.80	72	25	82.50	22.50	11.30	9.00	7.70	13.00	22.00	3.70	3.80	0.70	4.00	49.50	1	14.0	19	3	1					16.80	369.60
O0418	59.84	100	21	10.80	3.50	10.90	8.50	18.40	27.00	35.50	10.30	2.30	0.30	2.00	43.50	2	30.0	8	3	1					59.84	2,124.32
O0419	1.17	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.17	0.00
O0423	0.61	93	13	11.70	3.50	12.80	9.50	9.80	14.50	24.00	26.80	19.30	3.00	18.00	53.50	7	24.0	50	3	1					0.61	14.64
O0431	18.18	100	26	62.70	16.50	18.60	12.50	9.30	14.00	26.50	7.30	1.10	2.80	5.50	51.00	4	15.0	12	3	1					18.18	481.77
O0437	4.67	71	26	35.70	9.00	14.80	10.50	7.30	10.50	21.00	5.10	1.60	1.20	3.50	35.00	7	22.0	11	3	1					4.67	98.07
	128.49																				**0.00**	**0.00**	**0.16**	**7.20**	**128.33**	**3,680.86**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	0.16	7.20	128.33	3,680.86

Suitable and Potentially Suitable	
Acres	BA
0.16	7.20

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
128.49	3,688.06

Appendix E. Table 125. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O04-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O0311	4.49	45	26	60.40	13.80	10.50	7.70	9.70	16.20	23.90	1.60	1.50	0.00	0.80	39.30	1	33.0	3	1					4.49	107.33
O0320	26.77	55	31	38.60	10.50	38.40	28.50	11.60	15.00	43.50	1.60	0.00	0.00	0.00	54.50	2	51.0	3	1	26.77	1,164.50				
O0407	41.77	70	25	15.50	4.00	14.10	10.50	17.80	32.50	43.00	12.50	0.90	1.80	3.50	54.00	1	30.0	3	1	41.77	1,796.15				
O0408	41.69	55	31	18.30	5.30	15.40	11.20	18.00	28.80	40.00	6.00	1.60	0.30	1.80	48.90	1	20.0	3	1	41.69	1,667.48				
O0409	1.61	45	25	20.40	5.50	10.60	7.50	18.30	27.50	35.00	26.20	11.90	1.60	10.50	58.00	1	20.0	3	1			1.61	56.30		
O0414	8.11	71	26	35.70	9.00	14.80	10.50	7.30	10.50	21.00	5.10	1.60	1.20	3.50	35.00	7	22.0	3	1					8.11	170.29
O0415	1.38	68	26	2.70	1.00	9.20	7.00	8.20	13.00	20.00	14.30	2.90	1.80	4.50	30.50	1	21.0	3	1					1.38	27.54
O0418	0.44	100	21	10.80	3.50	10.90	8.50	18.40	27.00	35.50	10.30	2.30	0.30	2.00	43.50	2	30.0	3	1	0.44	15.72				
O0419	12.09	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					12.09	0.00
O0437	36.81	71	26	35.70	9.00	14.80	10.50	7.30	10.50	21.00	5.10	1.60	1.20	3.50	35.00	7	22.0	3	1					36.81	772.96
	175.15																			**110.67**	**4,643.84**	**1.61**	**56.30**	**62.87**	**1,078.11**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
110.67	**4,643.84**	**1.61**	**56.30**	**62.87**	**1,078.11**

Suitable and Potentially Suitable	
Acres	BA
112.28	**4,700.14**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
175.15	**5,778.25**

Appendix E. Table 126. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O04-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O0311	4.49	45	26	60.40	13.80	10.50	7.70	9.70	16.20	23.90	1.60	1.50	0.00	0.80	39.30	1	33.0	7	3	1					4.49	107.33
O0320	26.77	55	31	38.60	10.50	38.40	28.50	11.60	15.00	43.50	1.60	0.00	0.00	0.00	54.50	2	51.0	0	3	1					26.77	1,164.50
O0407	41.77	70	25	15.50	4.00	14.10	10.50	17.80	32.50	43.00	12.50	0.90	1.80	3.50	54.00	1	30.0	8	3	1					41.77	1,796.15
O0408	41.69	55	31	18.30	5.30	15.40	11.20	18.00	28.80	40.00	6.00	1.60	0.30	1.80	48.90	1	20.0	5	3	1					41.69	1,667.48
O0409	1.61	45	25	20.40	5.50	10.60	7.50	18.30	27.50	35.00	26.20	11.90	1.60	10.50	58.00	1	20.0	32	3	1					1.61	56.30
O0414	8.11	71	26	35.70	9.00	14.80	10.50	7.30	10.50	21.00	5.10	1.60	1.20	3.50	35.00	7	22.0	11	3	1					8.11	170.29
O0415	1.38	68	26	2.70	1.00	9.20	7.00	8.20	13.00	20.00	14.30	2.90	1.80	4.50	30.50	1	21.0	21	3	1					1.38	27.54
O0418	0.44	100	21	10.80	3.50	10.90	8.50	18.40	27.00	35.50	10.30	2.30	0.30	2.00	43.50	2	30.0	8	3	1					0.44	15.72
O0419	12.09	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					12.09	0.00
O0437	36.81	71	26	35.70	9.00	14.80	10.50	7.30	10.50	21.00	5.10	1.60	1.20	3.50	35.00	7	22.0	11	3	1					36.81	772.96
	175.15																				**0.00**	**0.00**	**0.00**	**0.00**	**175.15**	**5,778.25**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	0.00	0.00	175.15	5,778.25

Suitable and Potentially Suitable	
Acres	BA
0.00	0.00

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
175.15	5,778.25

Appendix E. Table 127. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O05-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O0402	10.49	87	26	3.60	1.00	6.60	5.00	21.10	31.00	36.00	11.40	3.10	3.10	7.00	47.50	1	20.0	3	1	10.49	377.71				
O0510	2.86	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.86	0.00
O0513	33.97	48	22P	77.90	23.00	61.80	42.00	9.20	12.00	54.00	0.00	0.00	0.00	0.00	77.00	1	29.0	3	1			33.97	1,834.33		
O0514	2.79	87	26	11.80	4.30	19.10	14.30	18.60	30.00	44.30	0.00	4.00	2.60	5.80	54.40	4	26.0	3	1	2.79	123.72				
O0516	15.81	67	25	3.00	0.50	10.70	7.50	20.60	33.50	41.00	0.00	1.60	0.40	2.50	44.00	1	28.0	3	1	15.81	648.33				
O0518	8.17	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					8.17	0.00
O0522	23.83	87	26	5.30	1.50	13.10	10.50	25.20	37.50	48.00	5.90	3.40	0.50	3.50	55.00	1	16.0	3	1	23.83	1,143.98				
O0523	17.90	92	31	13.70	4.70	11.90	7.90	27.40	46.80	54.70	0.00	1.50	0.00	1.10	60.50	1	17.0	3	1	17.90	979.25				
O0526	1.95	89	25	19.80	6.00	17.50	12.70	27.50	39.30	52.00	15.20	4.20	1.70	4.70	68.00	3	21.0	3	1	1.95	101.33				
O0529	2.71	65	13	33.60	11.70	13.20	8.30	24.90	35.00	43.30	31.90	1.90	6.60	11.70	75.00	5	12.0	3	1			2.71	117.39		
O0606	18.92	91	25	14.40	4.20	14.30	10.50	14.00	25.80	36.30	29.00	11.00	6.80	17.90	66.80	2	4.0	3	1			18.92	686.76		
O0610	1.17	81	26	17.80	5.00	9.60	7.00	16.60	28.50	35.50	1.60	4.70	4.10	9.00	50.00	1	15.0	3	1	1.17	41.71				
	140.58																			**73.96**	**3,416.04**	**55.60**	**2,638.49**	**11.03**	**0.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
22 = Slash Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Stamdard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
73.96	**3,416.04**	**55.60**	**2,638.49**	**11.03**	**0.00**

Suitable and Potentially Suitable

Acres	BA
129.56	**6,054.52**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
140.58	**6,054.52**

Appendix E. Table 128. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O05-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
O0402	10.49	87	26	3.60	1.00	6.60	5.00	21.10	31.00	36.00	11.40	3.10	3.10	7.00	47.50	1	20.0	18	3	1					10.49	377.71
O0510	2.86	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.86	0.00
O0513	33.97	48	22P	77.90	23.00	61.80	42.00	9.20	12.00	54.00	0.00	0.00	0.00	0.00	77.00	1	29.0	0	3	1					33.97	1,834.33
O0514	2.79	87	26	11.80	4.30	19.10	14.30	18.60	30.00	44.30	0.00	4.00	2.60	5.80	54.40	4	26.0	15	3	1			2.79	123.72		
O0516	15.81	67	25	3.00	0.50	10.70	7.50	20.60	33.50	41.00	0.00	1.60	0.40	2.50	44.00	1	28.0	6	3	1			15.81	648.33		
O0518	8.17	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					8.17	0.00
O0522	23.83	87	26	5.30	1.50	13.10	10.50	25.20	37.50	48.00	5.90	3.40	0.50	3.50	55.00	1	16.0	9	3	1			23.83	1,143.98		
O0523	17.90	92	31	13.70	4.70	11.90	7.90	27.40	46.80	54.70	0.00	1.50	0.00	1.10	60.50	1	17.0	4	3	1			17.90	979.25		
O0526	1.95	89	25	19.80	6.00	17.50	12.70	27.50	39.30	52.00	15.20	4.20	1.70	4.70	68.00	3	21.0	12	3	1			1.95	101.33		
O0529	2.71	65	13	33.60	11.70	13.20	8.30	24.90	35.00	43.30	31.90	1.90	6.60	11.70	75.00	5	12.0	18	3	1			2.71	117.39		
O0606	18.92	91	25	14.40	4.20	14.30	10.50	14.00	25.80	36.30	29.00	11.00	6.80	17.90	66.80	2	4.0	39	3	1					18.92	686.76
O0610	1.17	81	26	17.80	5.00	9.60	7.00	16.60	28.50	35.50	1.60	4.70	4.10	9.00	50.00	1	15.0	25	3	1					1.17	41.71
	140.58																				**0.00**	**0.00**	**65.00**	**3,114.01**	**75.58**	**2,940.51**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
22 = Slash Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	65.00	3,114.01	75.58	2,940.51

Suitable and Potentially Suitable	
Acres	BA
65.00	3,114.01

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
140.58	6,054.52

Appendix E. Table 129. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O05-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
N0348	17.33	67	26	69.80	20.50	18.80	14.00	1.50	2.00	16.00	8.90	1.90	0.70	2.50	42.00	8	18.0	3	1					17.33	277.28
N0360	21.03	55	10	83.40	23.50	25.60	16.00	18.90	24.50	40.50	21.10	6.00	7.10	13.50	84.00	3	17.0	3	1			21.03	851.72		
O0401	8.85	51	31	47.90	13.20	25.50	17.40	7.10	8.40	25.80	7.80	1.60	0.00	1.10	42.20	1	29.0	3	1			8.85	228.33		
O0402	2.14	87	26	3.60	1.00	6.60	5.00	21.10	31.00	36.00	11.40	3.10	3.10	7.00	47.50	1	20.0	3	1	2.14	77.04				
O0404	10.13	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					10.13	0.00
O0405	23.90	91	10	32.80	11.00	15.70	10.50	3.90	5.00	15.50	34.40	8.00	1.60	7.50	44.00	1	24.0	3	1					23.90	370.45
O0415	2.31	68	26	2.70	1.00	9.20	7.00	8.20	13.00	20.00	14.30	2.90	1.80	4.50	30.50	1	21.0	3	1					2.31	46.20
O0438	5.24	25	21P	436.40	85.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.00	1	13.0	3	1					5.24	0.00
O0439	2.20	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.20	0.00
O0440	4.21	25	31P	216.70	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	4	30.0	3	1					4.21	0.00
O0514	2.28	87	26	11.80	4.30	19.10	14.30	18.60	30.00	44.30	0.00	4.00	2.60	5.80	54.40	4	26.0	3	1	2.28	101.00				
O0517	0.71	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.71	0.00
O0521	12.42	52	10	124.70	34.70	40.50	27.30	10.90	16.00	43.30	27.50	7.60	6.00	14.00	99.30	2	15.0	3	1			12.42	537.79		
O0522	0.70	87	26	5.30	1.50	13.10	10.50	25.20	37.50	48.00	5.90	3.40	0.50	3.50	55.00	1	16.0	3	1	0.70	33.60				
O0524	16.19	46	25	42.30	12.90	19.30	12.90	24.60	34.10	47.00	11.80	2.60	2.50	4.70	68.10	2	23.0	3	1	16.19	760.93				
O0525	14.34	88	26	37.10	9.30	10.70	7.10	17.60	25.70	32.80	2.50	3.40	0.80	3.50	46.30	2	30.0	3	1	14.34	470.35				
O0526	13.14	89	25	19.80	6.00	17.50	12.70	27.50	39.30	52.00	15.20	4.20	1.70	4.70	68.00	3	21.0	3	1	13.14	683.28				
	157.12																			**48.79**	**2,126.20**	**42.30**	**1,617.84**	**66.03**	**693.93**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	O0415					2.31	46.20
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**2.31**	**46.20**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	48.79	**2,126.20**	**42.30**	**1,617.84**	**63.72**	**647.73**

Suitable and Potentially Suitable	
Acres	BA
91.09	**3,744.04**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
154.81	**4,391.77**

Appendix E. Table 130. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O05-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
N0348	17.33	67	26	69.80	20.50	18.80	14.00	1.50	2.00	16.00	8.90	1.90	0.70	2.50	42.00	8	18.0	11	3	1					17.33	277.28
N0360	21.03	55	10	83.40	23.50	25.60	16.00	18.90	24.50	40.50	21.10	6.00	7.10	13.50	84.00	3	17.0	23	3	1					21.03	851.72
O0401	8.85	51	31	47.90	13.20	25.50	17.40	7.10	8.40	25.80	7.80	1.60	0.00	1.10	42.20	1	29.0	5	3	1					8.85	228.33
O0402	2.14	87	26	3.60	1.00	6.60	5.00	21.10	31.00	36.00	11.40	3.10	3.10	7.00	47.50	1	20.0	18	3	1					2.14	77.04
O0404	10.13	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					10.13	0.00
O0405	23.90	91	10	32.80	11.00	15.70	10.50	3.90	5.00	15.50	34.40	8.00	1.60	7.50	44.00	1	24.0	33	3	1					23.90	370.45
O0415	2.31	68	26	2.70	1.00	9.20	7.00	8.20	13.00	20.00	14.30	2.90	1.80	4.50	30.50	1	21.0	21	3	1					2.31	46.20
O0438	5.24	25	21P	436.40	85.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	85.00	1	13.0	0	3	1					5.24	0.00
O0439	2.20	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.20	0.00
O0440	4.21	25	31P	216.70	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	4	30.0	0	3	1					4.21	0.00
O0514	2.28	87	26	11.80	4.30	19.10	14.30	18.60	30.00	44.30	0.00	4.00	2.60	5.80	54.40	4	26.0	15	3	1			2.28	101.00		
O0517	0.71	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.71	0.00
O0521	12.42	52	10	124.70	34.70	40.50	27.30	10.90	16.00	43.30	27.50	7.60	6.00	14.00	99.30	2	15.0	21	3	1					12.42	537.79
O0522	0.70	87	26	5.30	1.50	13.10	10.50	25.20	37.50	48.00	5.90	3.40	0.50	3.50	55.00	1	16.0	9	3	1			0.70	33.60		
O0524	16.19	46	25	42.30	12.90	19.30	12.90	24.60	34.10	47.00	11.80	2.60	2.50	4.70	68.10	2	23.0	10	3	1			16.19	760.93		
O0525	14.34	88	26	37.10	9.30	10.70	7.10	17.60	25.70	32.80	2.50	3.40	0.80	3.50	46.30	2	30.0	13	3	1					14.34	470.35
O0526	13.14	89	25	19.80	6.00	17.50	12.70	27.50	39.30	52.00	15.20	4.20	1.70	4.70	68.00	3	21.0	12	3	1			13.14	683.28		
	157.12																				**0.00**	**0.00**	**32.31**	**1,578.81**	**124.81**	**2,859.16**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	O0415					2.31	46.20
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**2.31**	**46.20**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**32.31**	**1,578.81**	**122.50**	**2,812.96**
	Suitable and Potentially Suitable					
	Acres		BA			
	32.31		**1,578.81**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	154.81		**4,391.77**			

Appendix E. Table 131. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O06-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O0510	9.95	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					9.95	0.00
O0516	6.81	67	25	3.00	0.50	10.70	7.50	20.60	33.50	41.00	0.00	1.60	0.40	2.50	44.00	1	28.0	3	1	6.81	279.21				
O0528	7.38	65	26	16.50	5.70	25.20	17.10	8.30	10.00	27.10	0.00	0.00	2.30	2.90	35.70	1	26.0	3	1					7.38	200.00
O0529	3.09	65	13	33.60	11.70	13.20	8.30	24.90	35.00	43.30	31.90	1.90	6.60	11.70	75.00	5	12.0	3	1	3.09	133.80				
O0601	5.27	56	10	99.80	25.00	21.40	15.00	3.80	5.00	20.00	24.20	9.20	10.10	21.70	75.00	1	10.0	3	1					5.27	105.40
O0603	24.57	76	26	12.20	4.50	26.50	20.00	19.70	28.00	48.00	2.60	2.00	0.40	2.50	56.00	1	36.0	3	1	24.57	1,179.36				
O0604	10.69	86	25	11.60	2.50	5.10	4.00	13.00	21.50	25.50	0.00	2.10	1.90	5.00	33.00	1	31.0	3	1					10.69	272.60
O1304	1.48	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.48	0.00
O1305	1.38	31	31	141.60	36.00	39.20	26.00	2.60	4.00	30.00	3.50	0.00	0.00	0.00	67.00	1	36.0	3	1			1.38	41.40		
O1402	7.00	85	26	5.90	1.50	6.00	5.00	23.50	34.00	39.00	15.20	1.30	3.10	5.00	49.50	2	20.0	3	1	7.00	273.00				
O1407	19.96	65	26	13.30	4.50	13.40	9.50	19.60	26.00	35.50	5.40	0.90	1.80	3.50	45.50	2	30.0	3	1	19.96	708.58				
O1409	2.15	65	26	12.10	4.00	13.20	10.00	16.10	24.50	34.50	0.00	0.50	1.10	2.00	40.50	1	12.0	3	1	2.15	74.18				
O2542	0.84	92	26	10.10	3.00	8.20	6.00	19.80	29.00	35.00	14.40	5.00	3.70	9.50	53.50	7	24.0	3	1			0.84	29.40		
	100.57																			**63.58**	**2,648.13**	**2.22**	**70.80**	**34.77**	**578.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
10 = White Pine - Upland Hardwood
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Value does not meet Managed Stability Standard requirements.
Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.
Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
O0601					5.27	105.40
O1304					1.48	0.00
O1305			1.38	41.40		
O1402	7.00	273.00				
O2542			0.84	29.40		
TOTALS	**7.00**	**273.00**	**2.22**	**70.80**	**6.75**	**105.40**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
56.58	**2,375.13**	**0.00**	**0.00**	**28.02**	**472.60**

Suitable and Potentially Suitable

Acres	BA
56.58	**2,375.13**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
84.60	**2,847.73**

Appendix E. Table 132. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O06-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O0510	9.95	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					9.95	0.00
O0516	6.81	67	25	3.00	0.50	10.70	7.50	20.60	33.50	41.00	0.00	1.60	0.40	2.50	44.00	1	28.0	6	3	1			6.81	279.21		
O0528	7.38	65	26	16.50	5.70	25.20	17.10	8.30	10.00	27.10	0.00	0.00	2.30	2.90	35.70	1	26.0	6	3	1					7.38	200.00
O0529	3.09	65	13	33.60	11.70	13.20	8.30	24.90	35.00	43.30	31.90	1.90	6.60	11.70	75.00	5	12.0	18	3	1			3.09	133.80		
O0601	5.27	56	10	99.80	25.00	21.40	15.00	3.80	5.00	20.00	24.20	9.20	10.10	21.70	75.00	1	10.0	43	3	1					5.27	105.40
O0603	24.57	76	26	12.20	4.50	26.50	20.00	19.70	28.00	48.00	2.60	2.00	0.40	2.50	56.00	1	36.0	5	3	1			24.57	1,179.36		
O0604	10.69	86	25	11.60	2.50	5.10	4.00	13.00	21.50	25.50	0.00	2.10	1.90	5.00	33.00	1	31.0	18	3	1					10.69	272.60
O1304	1.48	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.48	0.00
O1305	1.38	31	31	141.60	36.00	39.20	26.00	2.60	4.00	30.00	3.50	0.00	0.00	0.00	67.00	1	36.0	0	3	1					1.38	41.40
O1402	7.00	85	26	5.90	1.50	6.00	5.00	23.50	34.00	39.00	15.20	1.30	3.10	5.00	49.50	2	20.0	13	3	1					7.00	273.00
O1407	19.96	65	26	13.30	4.50	13.40	9.50	19.60	26.00	35.50	5.40	0.90	1.80	3.50	45.50	2	30.0	8	3	1					19.96	708.58
O1409	2.15	65	26	12.10	4.00	13.20	10.00	16.10	24.50	34.50	0.00	0.50	1.10	2.00	40.50	1	12.0	5	3	1					2.15	74.18
O2542	0.84	92	26	10.10	3.00	8.20	6.00	19.80	29.00	35.00	14.40	5.00	3.70	9.50	53.50	7	24.0	24	3	1					0.84	29.40
	100.57																				**0.00**	**0.00**	**34.47**	**1,592.37**	**66.10**	**1,704.56**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
O0601					5.27	105.40
O1304					1.48	0.00
O1305					1.38	41.40
O1402					7.00	273.00
O2542					0.84	29.40
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**15.97**	**449.20**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**34.47**	**1,592.37**	**50.13**	**1,255.36**

Suitable and Potentially Suitable

Acres	BA
34.47	**1,592.37**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
84.60	**2,847.73**

Appendix E. Table 133. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O06-B**, Fort Benning, Georgia, using 2014 totals.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O0309	6.16	45	25	20.40	5.50	10.60	7.50	18.30	27.50	35.00	26.20	11.90	1.60	10.50	58.00	1	20.0	3	1	6.16	215.60				
O0312	0.50	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.50	0.00
O0408	2.79	55	31	18.30	5.30	15.40	11.20	18.00	28.80	40.00	6.00	1.60	0.30	1.80	48.90	1	20.0	3	1	2.79	111.60				
O0409	14.96	45	25	20.40	5.50	10.60	7.50	18.30	27.50	35.00	26.20	11.90	1.60	10.50	58.00	1	20.0	3	1	14.96	523.60				
O0611	0.41	56	25	15.10	3.00	5.30	4.00	9.50	15.00	19.00	3.10	0.00	0.30	1.00	24.00	1	38.0	3	1					0.41	7.79
O0612	14.46	81	25	21.80	5.50	14.60	10.50	10.70	16.50	27.00	2.30	6.20	2.70	8.00	41.50	1	35.0	3	1					14.46	390.42
O0613	36.45	8	21P	10.30	2.50	1.90	1.50	6.00	10.00	11.50	8.10	2.70	4.70	10.50	27.00	1	14.0	3	1					36.45	419.18
O0614	11.87	83	26	10.30	2.50	1.90	1.50	6.00	10.00	11.50	8.10	2.70	4.70	10.50	27.00	1	14.0	3	1					11.87	136.51
O0615	20.20	69	26	6.40	2.50	10.30	8.50	8.00	12.00	20.50	7.10	4.70	2.90	8.50	33.50	1	14.0	3	1					20.20	414.10
O0617	1.51	28	31P	268.80	76.70	5.80	3.30	0.00	0.00	3.30	0.00	0.00	0.00	0.00	80.00	3	10.0	3	1					1.51	4.98
O1227	19.36	28	31P	192.90	59.00	27.40	19.00	0.00	0.00	19.00	7.60	1.80	0.00	1.00	81.00	6	19.0	3	1					19.36	367.84
O1228	8.53	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					8.53	0.00
	137.20																			**23.91**	**850.80**	**0.00**	**0.00**	**113.29**	**1,740.82**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
O1227					19.36	367.84
O1228					8.53	0.00
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**27.89**	**367.84**

POST-PROJECT TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
23.91	**850.80**	**0.00**	**0.00**	**85.40**	**1,372.98**

Suitable and Potentially Suitable

Acres	BA
23.91	**850.80**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
109.31	**2,223.78**

Appendix E. Table 134. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O06-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O0309	6.16	45	25	20.40	5.50	10.60	7.50	18.30	27.50	35.00	26.20	11.90	1.60	10.50	58.00	1	20.0	32	3	1					6.16	215.60
O0312	0.50	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.50	0.00
O0408	2.79	55	31	18.30	5.30	15.40	11.20	18.00	28.80	40.00	6.00	1.60	0.30	1.80	48.90	1	20.0	5	3	1					2.79	111.60
O0409	14.96	45	25	20.40	5.50	10.60	7.50	18.30	27.50	35.00	26.20	11.90	1.60	10.50	58.00	1	20.0	32	3	1					14.96	523.60
O0611	0.41	56	25	15.10	3.00	5.30	4.00	9.50	15.00	19.00	3.10	0.00	0.30	1.00	24.00	1	38.0	2	3	1					0.41	7.79
O0612	14.46	81	25	21.80	5.50	14.60	10.50	10.70	16.50	27.00	2.30	6.20	2.70	8.00	41.50	1	35.0	26	3	1					14.46	390.42
O0613	36.45	8	21P	10.30	2.50	1.90	1.50	6.00	10.00	11.50	8.10	2.70	4.70	10.50	27.00	1	14.0	48	3	1					36.45	419.18
O0614	11.87	83	26	10.30	2.50	1.90	1.50	6.00	10.00	11.50	8.10	2.70	4.70	10.50	27.00	1	14.0	48	3	1					11.87	136.51
O0615	20.20	69	26	6.40	2.50	10.30	8.50	8.00	12.00	20.50	7.10	4.70	2.90	8.50	33.50	1	14.0	29	3	1					20.20	414.10
O0617	1.51	28	31P	268.80	76.70	5.80	3.30	0.00	0.00	3.30	0.00	0.00	0.00	0.00	80.00	3	10.0	0	3	1					1.51	4.98
O1227	19.36	28	31P	192.90	59.00	27.40	19.00	0.00	0.00	19.00	7.60	1.80	0.00	1.00	81.00	6	19.0	6	3	1					19.36	367.84
O1228	8.53	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					8.53	0.00
	137.20																				**0.00**	**0.00**	**0.00**	**0.00**	**137.20**	**2,591.62**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	O1227					19.36	367.84
	O1228					8.53	0.00
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**27.89**	**367.84**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**0.00**	**0.00**	**109.31**	**2,223.78**

Suitable and Potentially Suitable	
Acres	BA
0.00	**0.00**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
109.31	**2,223.78**

Appendix E. Table 135. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O06-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O0402	13.88	87	26	3.60	1.00	6.60	5.00	21.10	31.00	36.00	11.40	3.10	3.10	7.00	47.50	1	20.0	3	1	13.88	499.72				
O0404	0.52	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.52	0.00
O0407	6.29	70	25	15.50	4.00	14.10	10.50	17.80	32.50	43.00	12.50	0.90	1.80	3.50	54.00	1	30.0	3	1	6.29	270.54				
O0437	4.43	71	26	35.70	9.00	14.80	10.50	7.30	10.50	21.00	5.10	1.60	1.20	3.50	35.00	7	22.0	3	1					4.43	92.99
O0605	0.03	86	26	4.20	1.00	16.20	12.50	15.80	25.50	38.00	10.30	6.70	2.90	9.50	52.50	1	28.0	3	1	0.03	1.11				
O0608	2.29	70	31	35.10	9.00	16.70	12.50	16.80	23.00	35.50	2.50	0.00	0.60	1.00	46.00	1	30.0	3	1	2.29	81.34				
O0610	48.60	81	26	17.80	5.00	9.60	7.00	16.60	28.50	35.50	1.60	4.70	4.10	9.00	50.00	1	15.0	3	1	48.60	1,725.24				
O0611	7.60	56	25	15.10	3.00	5.30	4.00	9.50	15.00	19.00	3.10	0.00	0.30	1.00	24.00	1	38.0	3	1					7.60	144.33
O0612	39.38	81	25	21.80	5.50	14.60	10.50	10.70	16.50	27.00	2.30	6.20	2.70	8.00	41.50	1	35.0	3	1					39.38	1,063.16
O0614	0.23	83	26	10.30	2.50	1.90	1.50	6.00	10.00	11.50	8.10	2.70	4.70	10.50	27.00	1	14.0	3	1					0.23	2.61
	123.24																			**71.09**	**2,577.95**	**0.00**	**0.00**	**52.15**	**1,303.09**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) Suitable or Potentially Suitable habitat. These stands were tallied with Future Potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
71.09	**2,577.95**	**0.00**	**0.00**	**52.15**	**1,303.09**

Suitable and Potentially Suitable	
Acres	BA
71.09	**2,577.95**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
123.24	**3,881.04**

Appendix E. Table 136. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O06-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O0402	13.88	87	26	3.60	1.00	6.60	5.00	21.10	31.00	36.00	11.40	3.10	3.10	7.00	47.50	1	20.0	18	3	1					13.88	499.72
O0404	0.52	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.52	0.00
O0407	6.29	70	25	15.50	4.00	14.10	10.50	17.80	32.50	43.00	12.50	0.90	1.80	3.50	54.00	1	30.0	8	3	1					6.29	270.54
O0437	4.43	71	26	35.70	9.00	14.80	10.50	7.30	10.50	21.00	5.10	1.60	1.20	3.50	35.00	7	22.0	11	3	1					4.43	92.99
O0605	0.03	86	26	4.20	1.00	16.20	12.50	15.80	25.50	38.00	10.30	6.70	2.90	9.50	52.50	1	28.0	23	3	1					0.03	1.11
O0608	2.29	70	31	35.10	9.00	16.70	12.50	16.80	23.00	35.50	2.50	0.00	0.60	1.00	46.00	1	30.0	2	3	1					2.29	81.34
O0610	48.60	81	26	17.80	5.00	9.60	7.00	16.60	28.50	35.50	1.60	4.70	4.10	9.00	50.00	1	15.0	25	3	1					48.60	1,725.24
O0611	7.60	56	25	15.10	3.00	5.30	4.00	9.50	15.00	19.00	3.10	0.00	0.30	1.00	24.00	1	38.0	2	3	1					7.60	144.33
O0612	39.38	81	25	21.80	5.50	14.60	10.50	10.70	16.50	27.00	2.30	6.20	2.70	8.00	41.50	1	35.0	26	3	1					39.38	1,063.16
O0614	0.23	83	26	10.30	2.50	1.90	1.50	6.00	10.00	11.50	8.10	2.70	4.70	10.50	27.00	1	14.0	48	3	1					0.23	2.61
	123.24																				**0.00**	**0.00**	**0.00**	**0.00**	**123.24**	**3,881.04**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	0.00	0.00	123.24	3,881.04

Suitable and Potentially Suitable	
Acres	BA
0.00	0.00

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
123.24	3,881.04

Appendix E. Table 137. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O06-D**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre						Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O0513	0.01	48	22P	77.90	23.00	61.80	42.00	9.20	12.00	54.00	0.00	0.00	0.00	0.00	77.00	1	29.0	3	1			0.01	0.54		
O0516	6.78	67	25	3.00	0.50	10.70	7.50	20.60	33.50	41.00	0.00	1.60	0.40	2.50	44.00	1	28.0	3	1	6.78	277.98				
O0523	0.61	92	31	13.70	4.70	11.90	7.90	27.40	46.80	54.70	0.00	1.50	0.00	1.10	60.50	1	17.0	3	1	0.61	33.37				
O0604	5.18	86	25	11.60	2.50	5.10	4.00	13.00	21.50	25.50	0.00	2.10	1.90	5.00	33.00	1	31.0	3	1					5.18	132.09
O0605	48.94	86	26	4.20	1.00	16.20	12.50	15.80	25.50	38.00	10.30	6.70	2.90	9.50	52.50	1	28.0	3	1	48.94	1,859.72				
O0606	3.42	91	25	14.40	4.20	14.30	10.50	14.00	25.80	36.30	29.00	11.00	6.80	17.90	66.80	2	4.0	3	1			3.42	124.15		
O0610	9.36	81	26	17.80	5.00	9.60	7.00	16.60	28.50	35.50	1.60	4.70	4.10	9.00	50.00	1	15.0	3	1	9.36	332.28				
O0618	12.22	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					12.22	0.00
O1304	3.25	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.25	0.00
	89.77																			**65.69**	**2,503.35**	**3.43**	**124.69**	**20.65**	**132.09**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
22 = Slash Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
O1304					3.25	0.00
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**3.25**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
65.69	**2,503.35**	**3.43**	**124.69**	**17.40**	**132.09**

Suitable and Potentially Suitable	
Acres	BA
69.12	**2,628.04**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
86.52	**2,760.13**

Appendix E. Table 138. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O06-D**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
O0513	0.01	48	22P	77.90	23.00	61.80	42.00	9.20	12.00	54.00	0.00	0.00	0.00	0.00	77.00	1	29.0	0	3	1					0.01	0.54
O0516	6.78	67	25	3.00	0.50	10.70	7.50	20.60	33.50	41.00	0.00	1.60	0.40	2.50	44.00	1	28.0	6	3	1			6.78	277.98		
O0523	0.61	92	31	13.70	4.70	11.90	7.90	27.40	46.80	54.70	0.00	1.50	0.00	1.10	60.50	1	17.0	4	3	1			0.61	33.37		
O0604	5.18	86	25	11.60	2.50	5.10	4.00	13.00	21.50	25.50	0.00	2.10	1.90	5.00	33.00	1	31.0	18	3	1					5.18	132.09
O0605	48.94	86	26	4.20	1.00	16.20	12.50	15.80	25.50	38.00	10.30	6.70	2.90	9.50	52.50	1	28.0	23	3	1					48.94	1,859.72
O0606	3.42	91	25	14.40	4.20	14.30	10.50	14.00	25.80	36.30	29.00	11.00	6.80	17.90	66.80	2	4.0	39	3	1					3.42	124.15
O0610	9.36	81	26	17.80	5.00	9.60	7.00	16.60	28.50	35.50	1.60	4.70	4.10	9.00	50.00	1	15.0	25	3	1					9.36	332.28
O0618	12.22	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					12.22	0.00
O1304	3.25	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.25	0.00
	89.77																				**0.00**	**0.00**	**7.39**	**311.35**	**82.38**	**2,448.78**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
22 = Slash Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	O1304					3.25	0.00
	TOTALS	0.00	0.00	0.00	0.00	3.25	0.00

POST-PROJECT TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**7.39**	**311.35**	**79.13**	**2,448.78**

Suitable and Potentially Suitable	
Acres	BA
7.39	**311.35**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
86.52	**2,760.13**

Appendix E. Table 139. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O06-E**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O0605	2.37	86	26	4.20	1.00	16.20	12.50	15.80	25.50	38.00	10.30	6.70	2.90	9.50	52.50	1	28.0	3	1	2.37	90.06				
O0608	27.25	70	31	35.10	9.00	16.70	12.50	16.80	23.00	35.50	2.50	0.00	0.60	1.00	46.00	1	30.0	3	1	27.25	967.38				
O0614	3.12	83	26	10.30	2.50	1.90	1.50	6.00	10.00	11.50	8.10	2.70	4.70	10.50	27.00	1	14.0	3	1					3.12	35.88
O0618	5.88	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.88	0.00
O1224	6.64	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.64	0.00
O1227	11.84	28	31P	192.90	59.00	27.40	19.00	0.00	0.00	19.00	7.60	1.80	0.00	1.00	81.00	6	19.0	3	1					11.84	224.96
O1308	6.11	80	13	27.80	8.00	17.10	12.00	19.30	36.00	48.00	5.20	18.90	4.90	20.00	78.00	8	12.0	3	1			6.11	293.28		
O1321	3.39	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.39	0.00
O1322	3.12	60	31	38.70	12.00	18.70	14.00	20.80	33.00	47.00	5.20	0.00	0.00	0.00	61.00	1	24.0	3	1	3.12	146.64				
	69.72																			**32.74**	**1,204.08**	**6.11**	**293.28**	**30.87**	**260.84**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.
Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.
Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
O1224					6.64	0.00
O1227					11.84	224.96
O1308			6.11	293.28		
O1321					3.39	0.00
O1322	3.12	146.64				
TOTALS	**3.12**	**146.64**	**6.11**	**293.28**	**21.87**	**224.96**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
29.62	**1,057.44**	**0.00**	**0.00**	**9.00**	**35.88**

Suitable and Potentially Suitable

Acres	BA
29.62	**1,057.44**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
38.62	**1,093.32**

Appendix E. Table 140. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O06-E**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
O0605	2.37	86	26	4.20	1.00	16.20	12.50	15.80	25.50	38.00	10.30	6.70	2.90	9.50	52.50	1	28.0	23	3	1					2.37	90.06
O0608	27.25	70	31	35.10	9.00	16.70	12.50	16.80	23.00	35.50	2.50	0.00	0.60	1.00	46.00	1	30.0	2	3	1					27.25	967.38
O0614	3.12	83	26	10.30	2.50	1.90	1.50	6.00	10.00	11.50	8.10	2.70	4.70	10.50	27.00	1	14.0	48	3	1					3.12	35.88
O0618	5.88	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.88	0.00
O1224	6.64	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.64	0.00
O1227	11.84	28	31P	192.90	59.00	27.40	19.00	0.00	0.00	19.00	7.60	1.80	0.00	1.00	81.00	6	19.0	6	3	1					11.84	224.96
O1308	6.11	80	13	27.80	8.00	17.10	12.00	19.30	36.00	48.00	5.20	18.90	4.90	20.00	78.00	8	12.0	40	3	1			6.11	293.28		
O1321	3.39	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.39	0.00
O1322	3.12	60	31	38.70	12.00	18.70	14.00	20.80	33.00	47.00	5.20	0.00	0.00	0.00	61.00	1	24.0	0	3	1			3.12	146.64		
	69.72																				**0.00**	**0.00**	**9.23**	**439.92**	**60.49**	**1,318.28**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
O1224					6.64	0.00
O1227					11.84	224.96
O1308			6.11	293.28		
O1321					3.39	0.00
O1322			3.12	146.64		
TOTALS	**0.00**	**0.00**	**9.23**	**439.92**	**21.87**	**224.96**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**0.00**	**0.00**	**38.62**	**1,093.32**

Suitable and Potentially Suitable

Acres	BA
0.00	**0.00**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
38.62	**1,093.32**

Appendix E. Table 141. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O07-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O0705	4.03	88	26	66.60	18.50	24.00	18.00	12.50	17.00	35.00	8.50	1.80	0.60	2.50	58.00	1	18.0	3	1	4.03	141.05				
O0708	20.50	88	26	43.40	11.50	15.70	13.50	11.50	16.50	30.00	22.20	5.70	0.50	5.00	52.50	1	20.0	3	1	20.50	615.00				
O0710	2.10	88	26	60.60	18.90	32.80	22.20	22.80	28.90	51.10	27.20	3.70	4.90	10.00	88.90	1	18.0	3	1			2.10	107.31		
O0711	33.27	52	10	62.80	18.50	23.30	15.50	17.40	23.00	38.50	51.60	17.40	8.30	23.00	95.00	7	6.0	3	1			33.27	1,280.90		
O0712	15.77	77	31	88.60	25.30	36.40	24.70	33.20	44.10	68.80	17.40	4.50	5.00	9.40	108.80	1	15.0	3	1			15.77	1,084.98		
O0715	2.42	48	25	92.30	25.60	17.40	12.20	1.00	1.10	13.30	9.20	1.30	0.60	2.20	44.40	9	14.0	3	1					2.42	32.19
O0721	7.65	88	26	16.00	5.00	13.90	10.50	31.20	48.00	58.50	6.90	0.00	0.40	0.50	66.00	1	17.0	3	1	7.65	447.53				
O0723	12.78	77	26	50.60	14.50	19.90	15.50	14.80	20.50	36.00	22.10	7.80	1.90	9.00	65.00	7	10.0	3	1			12.78	460.08		
O1025	11.34	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					11.34	0.00
O1026	3.80	29	31	200.40	57.50	46.10	30.00	3.40	5.00	35.00	37.80	0.00	1.70	2.50	105.00	6	12.0	3	1					3.80	133.00
O1027	0.28	83	26	37.50	11.50	19.70	13.50	12.30	18.00	31.50	2.80	4.00	0.30	3.00	47.00	1	28.0	3	1	0.28	8.82				
	113.94																			**32.46**	**1,212.40**	**63.92**	**2,933.27**	**17.56**	**165.19**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
32.46	**1,212.40**	**63.92**	**2,933.27**	**17.56**	**165.19**

Suitable and Potentially Suitable	
Acres	BA
96.38	**4,145.67**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
113.94	**4,310.86**

Appendix E. Table 142. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O07-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
O0705	4.03	88	26	66.60	18.50	24.00	18.00	12.50	17.00	35.00	8.50	1.80	0.60	2.50	58.00	1	18.0	6	3	1					4.03	141.05
O0708	20.50	88	26	43.40	11.50	15.70	13.50	11.50	16.50	30.00	22.20	5.70	0.50	5.00	52.50	1	20.0	19	3	1					20.50	615.00
O0710	2.10	88	26	60.60	18.90	32.80	22.20	22.80	28.90	51.10	27.20	3.70	4.90	10.00	88.90	1	18.0	13	3	1			2.10	107.31		
O0711	33.27	52	10	62.80	18.50	23.30	15.50	17.40	23.00	38.50	51.60	17.40	8.30	23.00	95.00	7	6.0	39	3	1					33.27	1,280.90
O0712	15.77	77	31	88.60	25.30	36.40	24.70	33.20	44.10	68.80	17.40	4.50	5.00	9.40	108.80	1	15.0	12	3	1			15.77	1,084.98		
O0715	2.42	48	25	92.30	25.60	17.40	12.20	1.00	1.10	13.30	9.20	1.30	0.60	2.20	44.40	9	14.0	9	3	1					2.42	32.19
O0721	7.65	88	26	16.00	5.00	13.90	10.50	31.20	48.00	58.50	6.90	0.00	0.40	0.50	66.00	1	17.0	1	3	1			7.65	447.53		
O0723	12.78	77	26	50.60	14.50	19.90	15.50	14.80	20.50	36.00	22.10	7.80	1.90	9.00	65.00	7	10.0	22	3	1					12.78	460.08
O1025	11.34	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					11.34	0.00
O1026	3.80	29	31	200.40	57.50	46.10	30.00	3.40	5.00	35.00	37.80	0.00	1.70	2.50	105.00	6	12.0	3	3	1					3.80	133.00
O1027	0.28	83	26	37.50	11.50	19.70	13.50	12.30	18.00	31.50	2.80	4.00	0.30	3.00	47.00	1	28.0	12	3	1					0.28	8.82
	113.94																				**0.00**	**0.00**	**25.52**	**1,639.82**	**88.42**	**2,671.04**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**25.52**	**1,639.82**	**88.42**	**2,671.04**

Suitable and Potentially Suitable	
Acres	BA
25.52	**1,639.82**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
113.94	**4,310.86**

Appendix E. Table 143. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O07-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O0101	2.94	56	26	7.60	2.50	8.80	6.50	12.50	19.50	26.00	14.20	5.50	2.50	7.50	40.00	7	22.0	3	1					2.94	76.44
O0102	0.04	24	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.04	0.00
O0103	0.27	79	26	5.90	1.50	7.60	6.00	14.70	21.00	27.00	20.00	2.80	2.00	5.00	38.50	1	28.0	3	1					0.27	7.29
O0228	0.91	68	25	40.40	12.80	25.00	18.30	10.70	16.10	34.40	33.00	3.60	0.30	3.40	57.30	6	18.0	3	1	0.91	31.30				
O0720	48.96	63	26	68.30	17.00	12.20	9.00	5.80	9.50	18.50	8.70	2.40	1.20	3.50	41.00	7	15.0	3	1					48.96	905.76
O0722	0.01	40	31	94.20	26.30	35.10	23.10	3.90	4.40	27.50	2.20	1.80	0.90	2.60	57.00	1	24.0	3	1					0.01	0.28
O0723	49.50	77	26	50.60	14.50	19.90	15.50	14.80	20.50	36.00	22.10	7.80	1.90	9.00	65.00	7	10.0	3	1	49.50	1782.00				
O0811	13.59	91	26	45.90	11.90	7.30	5.00	3.30	5.60	10.60	0.00	0.00	0.00	0.00	22.50	4	22.0	3	1					13.59	144.05
O0812	0.06	57	22P	54.30	17.00	31.00	20.00	9.80	15.00	35.00	22.10	8.30	0.00	5.00	64.00	1	32.0	3	1	0.06	2.10				
O0817	46.58	91	26	8.90	2.50	11.30	8.00	20.70	29.00	37.00	8.90	0.50	2.30	3.50	46.00	2	27.0	3	1	46.58	1723.46				
O0826	13.11	59	26	12.40	4.50	32.00	22.00	15.20	21.50	43.50	10.50	3.40	1.30	4.50	54.50	2	29.0	3	1	13.11	570.29				
	175.97																			**109.25**	**4,077.85**	**0.91**	**31.30**	**65.81**	**1,133.82**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
22 = Slash Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
109.25	**4,077.85**	**0.91**	**31.30**	**65.81**	**1,133.82**

Suitable and Potentially Suitable	
Acres	BA
110.16	**4,109.15**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
175.97	**5,242.97**

Appendix E. Table 144. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O07-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
O0101	2.94	56	26	7.60	2.50	8.80	6.50	12.50	19.50	26.00	14.20	5.50	2.50	7.50	40.00	7	22.0	27	3	1					2.94	76.44
O0102	0.04	24	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.04	0.00
O0103	0.27	79	26	5.90	1.50	7.60	6.00	14.70	21.00	27.00	20.00	2.80	2.00	5.00	38.50	1	28.0	18	3	1					0.27	7.29
O0228	0.91	68	25	40.40	12.80	25.00	18.30	10.70	16.10	34.40	33.00	3.60	0.30	3.40	57.30	6	18.0	10	3	1					0.91	31.30
O0720	48.96	63	26	68.30	17.00	12.20	9.00	5.80	9.50	18.50	8.70	2.40	1.20	3.50	41.00	7	15.0	17	3	1					48.96	905.76
O0722	0.01	40	31	94.20	26.30	35.10	23.10	3.90	4.40	27.50	2.20	1.80	0.90	2.60	57.00	1	24.0	6	3	1					0.01	0.28
O0723	49.50	77	26	50.60	14.50	19.90	15.50	14.80	20.50	36.00	22.10	7.80	1.90	9.00	65.00	7	10.0	22	3	1					49.50	1,782.00
O0811	13.59	91	26	45.90	11.90	7.30	5.00	3.30	5.60	10.60	0.00	0.00	0.00	0.00	22.50	4	22.0	0	3	1					13.59	144.05
O0812	0.06	57	22P	54.30	17.00	31.00	20.00	9.80	15.00	35.00	22.10	8.30	0.00	5.00	64.00	1	32.0	17	3	1					0.06	2.10
O0817	46.58	91	26	8.90	2.50	11.30	8.00	20.70	29.00	37.00	8.90	0.50	2.30	3.50	46.00	2	27.0	8	3	1					46.58	1,723.46
O0826	13.11	59	26	12.40	4.50	32.00	22.00	15.20	21.50	43.50	10.50	3.40	1.30	4.50	54.50	2	29.0	9	3	1					13.11	570.29
	175.97																				**0.00**	**0.00**	**0.00**	**0.00**	**175.97**	**5,242.97**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
22 = Slash Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**0.00**	**0.00**	**175.97**	**5,242.97**

Suitable and Potentially Suitable	
Acres	BA
0.00	**0.00**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
175.97	**5,242.97**

Appendix E. Table 145. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O10-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O0701	12.42	83	31U	24.00	6.70	20.10	13.90	15.60	24.40	38.30	1.40	2.30	0.90	2.80	48.40	1	3.0	3	1	12.42	475.69				
O0708	5.28	88	26	43.40	11.50	15.70	13.50	11.50	16.50	30.00	22.20	5.70	0.50	5.00	52.50	1	20.0	3	1	5.28	158.40				
O0721	1.01	88	26	16.00	5.00	13.90	10.50	31.20	48.00	58.50	6.90	0.00	0.40	0.50	66.00	1	17.0	3	1	1.01	59.09				
O0910	6.27	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.27	0.00
O1010	20.27	60	31U	21.50	6.50	14.10	10.50	26.70	43.00	53.50	1.10	1.50	0.60	2.50	63.00	1	8.0	3	1					20.27	1,084.45
O1011	15.04	68	31	59.80	17.70	13.50	10.80	12.60	20.80	31.60	1.80	1.10	2.30	4.60	54.70	1	20.0	3	1	15.04	475.26				
O1012	3.72	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.72	0.00
O1015	6.57	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.57	0.00
O1017	25.57	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					25.57	0.00
O1018	6.09	29	31P	198.50	45.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.00	2	22.0	3	1					6.09	0.00
O1019	1.23	68	31U	30.00	7.10	14.50	10.00	21.00	31.40	41.40	0.00	0.00	0.00	0.00	48.50	1	13.0	3	1	1.23	50.92				
O1020	43.28	93	26	25.20	7.50	17.90	12.50	14.90	21.00	33.50	0.00	2.70	1.70	4.00	45.00	1	23.0	3	1	43.28	1,449.88				
O1021	13.76	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					13.76	0.00
O1023	16.93	81	31U	43.00	15.00	29.90	19.40	4.30	5.60	25.00	0.00	0.00	0.90	1.10	41.10	1	23.0	3	1					16.93	423.25
O1024	9.87	29	26	35.00	11.60	25.30	16.80	7.40	10.50	27.30	2.80	2.30	0.40	2.10	42.10	1	27.0	3	1					9.87	269.45
O1025	1.66	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.66	0.00
O1026	0.01	29	31	200.40	57.50	46.10	30.00	3.40	5.00	35.00	37.80	0.00	1.70	2.50	105.00	6	12.0	3	1					0.01	0.35
O1027	0.07	83	26	37.50	11.50	19.70	13.50	12.30	18.00	31.50	2.80	4.00	0.30	3.00	47.00	1	28.0	3	1	0.07	2.21				
O1112	1.37	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.37	0.00
O1942	6.56	96	11	22.90	7.50	10.70	7.50	6.60	10.00	17.50	16.30	4.80	4.80	11.00	41.00	7	15.0	3	1					6.56	114.80
O1946	5.81	49	31	10.90	4.70	31.40	22.70	5.30	7.30	30.00	0.00	0.00	0.90	2.00	36.70	5	0.0	3	1					5.81	174.30
	202.79																			**78.33**	**2,671.45**	**0.00**	**0.00**	**124.46**	**2,066.60**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
11 = Eastern Red Cedar - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	78.33	**2,671.45**	**0.00**	**0.00**	**124.46**	**2,066.60**
	Suitable and Potentially Suitable					
	Acres		BA			
	78.33		**2,671.45**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	202.79		**4,738.05**			

Appendix E. Table 146. Red-cockaded woodpecker foraging habitat totals the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O10-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
O0701	12.42	83	31U	24.00	6.70	20.10	13.90	15.60	24.40	38.30	1.40	2.30	0.90	2.80	48.40	1	3.0	8	3	1					12.42	475.69
O0708	5.28	88	26	43.40	11.50	15.70	13.50	11.50	16.50	30.00	22.20	5.70	0.50	5.00	52.50	1	20.0	19	3	1					5.28	158.40
O0721	1.01	88	26	16.00	5.00	13.90	10.50	31.20	48.00	58.50	6.90	0.00	0.40	0.50	66.00	1	17.0	1	3	1			1.01	59.09		
O0910	6.27	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.27	0.00
O1010	20.27	60	31U	21.50	6.50	14.10	10.50	26.70	43.00	53.50	1.10	1.50	0.60	2.50	63.00	1	8.0	5	3	1			20.27	1084.45		
O1011	15.04	68	31	59.80	17.70	13.50	10.80	12.60	20.80	31.60	1.80	1.10	2.30	4.60	54.70	1	20.0	12	3	1					15.04	475.26
O1012	3.72	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.72	0.00
O1015	6.57	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.57	0.00
O1017	25.57	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					25.57	0.00
O1018	6.09	29	31P	198.50	45.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	45.00	2	22.0	0	3	1					6.09	0.00
O1019	1.23	68	31U	30.00	7.10	14.50	10.00	21.00	31.40	41.40	0.00	0.00	0.00	0.00	48.50	1	13.0	0	3	1			1.23	50.92		
O1020	43.28	93	26	25.20	7.50	17.90	12.50	14.90	21.00	33.50	0.00	2.70	1.70	4.00	45.00	1	23.0	12	3	1					43.28	1,449.88
O1021	13.76	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					13.76	0.00
O1023	16.93	81	31U	43.00	15.00	29.90	19.40	4.30	5.60	25.00	0.00	0.00	0.90	1.10	41.10	1	23.0	3	3	1					16.93	423.25
O1024	9.87	29	26	35.00	11.60	25.30	16.80	7.40	10.50	27.30	2.80	2.30	0.40	2.10	42.10	1	27.0	8	3	1					9.87	269.45
O1025	1.66	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.66	0.00
O1026	0.01	29	31	200.40	57.50	46.10	30.00	3.40	5.00	35.00	37.80	0.00	1.70	2.50	105.00	6	12.0	3	3	1					0.01	0.35
O1027	0.07	83	26	37.50	11.50	19.70	13.50	12.30	18.00	31.50	2.80	4.00	0.30	3.00	47.00	1	28.0	12	3	1					0.07	2.21
O1112	1.37	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.37	0.00
O1942	6.56	96	11	22.90	7.50	10.70	7.50	6.60	10.00	17.50	16.30	4.80	4.80	11.00	41.00	7	15.0	36	3	1					6.56	114.80
O1946	5.81	49	31	10.90	4.70	31.40	22.70	5.30	7.30	30.00	0.00	0.00	0.90	2.00	36.70	5	0.0	2	3	1					5.81	174.30
	202.79																				**0.00**	**0.00**	**22.51**	**1,194.46**	**180.28**	**3,543.59**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
11 = Eastern Red Cedar - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	22.51	1,194.46	180.28	3,543.59
	Suitable and Potentially Suitable					
	Acres		BA			
	22.51		1,194.46			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	202.79		4,738.05			

Appendix E. Table 147. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O10-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
CARMOU01	25.50	71	25	38.80	11.60	20.10	14.70	14.40	20.50	35.20	9.10	1.80	1.30	3.20	53.20	1	16.0	0	0	25.50	897.60				
O0712	0.84	77	31	88.60	25.30	36.40	24.70	33.20	44.10	68.80	17.40	4.50	5.00	9.40	108.80	1	15.0	3	1			0.84	57.79		
O0723	1.82	77	26	50.60	14.50	19.90	15.50	14.80	20.50	36.00	22.10	7.80	1.90	9.00	65.00	7	10.0	3	1	1.82	65.52				
O0802	11.54	71	31	31.20	8.30	14.00	11.70	10.40	16.70	28.40	7.00	0.00	1.40	2.50	40.90	6	28.0	3	1					11.54	327.74
O0804	6.73	76	26	15.30	4.00	22.10	16.50	20.60	33.50	50.00	7.40	3.90	3.30	8.00	64.50	5	12.0	3	1	6.73	336.50				
O0811	1.24	91	26	45.90	11.90	7.30	5.00	3.30	5.60	10.60	0.00	0.00	0.00	0.00	22.50	4	22.0	3	1					1.24	13.14
O0812	3.62	57	22P	54.30	17.00	31.00	20.00	9.80	15.00	35.00	22.10	8.30	0.00	5.00	64.00	1	32.0	3	1	3.62	126.70				
O0910	0.06	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.06	0.00
O1023	2.40	81	31U	43.00	15.00	29.90	19.40	4.30	5.60	25.00	0.00	0.00	0.90	1.10	41.10	1	23.0	3	1					2.40	60.00
O1024	4.05	29	26	35.00	11.60	25.30	16.80	7.40	10.50	27.30	2.80	2.30	0.40	2.10	42.10	1	27.0	3	1					4.05	110.57
O1025	1.19	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.19	0.00
O1026	3.73	29	31	200.40	57.50	46.10	30.00	3.40	5.00	35.00	37.80	0.00	1.70	2.50	105.00	6	12.0	3	1					3.73	130.55
O1027	72.69	83	26	37.50	11.50	19.70	13.50	12.30	18.00	31.50	2.80	4.00	0.30	3.00	47.00	1	28.0	3	1	72.69	2,289.74				
O1028	6.22	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.22	0.00
	141.63																			**110.36**	**3,716.06**	**0.84**	**57.79**	**30.43**	**642.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
110.36	**3,716.06**	**0.84**	**57.79**	**30.43**	**642.00**

Suitable and Potentially Suitable

Acres	BA
111.20	**3,773.85**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
141.63	**4,415.85**

Appendix E. Table 148. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O10-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
CARMOU01	25.50	71	25	38.80	11.60	20.10	14.70	14.40	20.50	35.20	9.10	1.80	1.30	3.20	53.20	1	16.0	8	0	0					25.50	897.60
O0712	0.84	77	31	88.60	25.30	36.40	24.70	33.20	44.10	68.80	17.40	4.50	5.00	9.40	108.80	1	15.0	12	3	1			0.84	57.79		
O0723	1.82	77	26	50.60	14.50	19.90	15.50	14.80	20.50	36.00	22.10	7.80	1.90	9.00	65.00	7	10.0	22	3	1					1.82	65.52
O0802	11.54	71	31	31.20	8.30	14.00	11.70	10.40	16.70	28.40	7.00	0.00	1.40	2.50	40.90	6	28.0	5	3	1					11.54	327.74
O0804	6.73	76	26	15.30	4.00	22.10	16.50	20.60	33.50	50.00	7.40	3.90	3.30	8.00	64.50	5	12.0	14	3	1			6.73	336.50		
O0811	1.24	91	26	45.90	11.90	7.30	5.00	3.30	5.60	10.60	0.00	0.00	0.00	0.00	22.50	4	22.0	0	3	1					1.24	13.14
O0812	3.62	57	22P	54.30	17.00	31.00	20.00	9.80	15.00	35.00	22.10	8.30	0.00	5.00	64.00	1	32.0	17	3	1					3.62	126.70
O0910	0.06	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.06	0.00
O1023	2.40	81	31U	43.00	15.00	29.90	19.40	4.30	5.60	25.00	0.00	0.00	0.90	1.10	41.10	1	23.0	3	3	1					2.40	60.00
O1024	4.05	29	26	35.00	11.60	25.30	16.80	7.40	10.50	27.30	2.80	2.30	0.40	2.10	42.10	1	27.0	8	3	1					4.05	110.57
O1025	1.19	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.19	0.00
O1026	3.73	29	31	200.40	57.50	46.10	30.00	3.40	5.00	35.00	37.80	0.00	1.70	2.50	105.00	6	12.0	3	3	1					3.73	130.55
O1027	72.69	83	26	37.50	11.50	19.70	13.50	12.30	18.00	31.50	2.80	4.00	0.30	3.00	47.00	1	28.0	12	3	1					72.69	2,289.74
O1028	6.22	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.22	0.00
	141.63																				**0.00**	**0.00**	**7.57**	**394.29**	**134.06**	**4,021.56**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Value does not meet Recovery Standard requirements

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**7.57**	**394.29**	**134.06**	**4,021.56**

Suitable and Potentially Suitable

Acres	BA
7.57	**394.29**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
141.63	**4,415.85**

Appendix E. Table 149. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O11-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O0701	6.73	83	31U	24.00	6.70	20.10	13.90	15.60	24.40	38.30	1.40	2.30	0.90	2.80	48.40	1	3.0	3	1	6.73	257.76				
O0718	8.80	83	31	24.00	6.70	20.10	13.90	15.60	24.40	38.30	1.40	2.30	0.90	2.80	48.40	1	3.0	3	1	8.80	337.04				
O1010	48.30	60	31U	21.50	6.50	14.10	10.50	26.70	43.00	53.50	1.10	1.50	0.60	2.50	63.00	1	8.0	3	1	48.30	2,584.05				
O1013	4.26	60	31	196.30	62.50	38.80	22.50	0.00	0.00	22.50	0.00	0.00	0.00	0.00	85.00	1	25.0	3	1					4.26	95.85
O1014	6.95	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.95	0.00
O1019	11.38	68	31U	30.00	7.10	14.50	10.00	21.00	31.40	41.40	0.00	0.00	0.00	0.00	48.50	1	13.0	3	1	11.38	471.13				
O1107	2.08	82	26	20.20	7.50	17.40	12.00	16.50	27.50	39.50	8.30	4.00	3.30	7.50	57.00	5	22.0	3	1	2.08	82.16				
O1111	12.29	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					12.29	0.00
O1116	56.12	60	31U	21.50	6.50	14.10	10.50	26.70	43.00	53.50	1.10	1.50	0.60	2.50	63.00	1	8.0	3	1	56.12	3,002.42				
	156.91																			**133.41**	**6,734.56**	**0.00**	**0.00**	**23.50**	**95.85**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

POST-PROJECT TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
133.41	**6,734.56**	**0.00**	**0.00**	**23.50**	**95.85**

Suitable and Potentially Suitable	
Acres	BA
133.41	**6,734.56**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
156.91	**6,830.41**

Appendix E. Table 150. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O11-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre						Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O0701	6.73	83	31U	24.00	6.70	20.10	13.90	15.60	24.40	38.30	1.40	2.30	0.90	2.80	48.40	1	3.0	8	3	1					6.73	257.76
O0718	8.80	83	31	24.00	6.70	20.10	13.90	15.60	24.40	38.30	1.40	2.30	0.90	2.80	48.40	1	3.0	8	3	1					8.80	337.04
O1010	48.30	60	31U	21.50	6.50	14.10	10.50	26.70	43.00	53.50	1.10	1.50	0.60	2.50	63.00	1	8.0	5	3	1			48.30	2,584.05		
O1013	4.26	60	31	196.30	62.50	38.80	22.50	0.00	0.00	22.50	0.00	0.00	0.00	0.00	85.00	1	25.0	0	3	1					4.26	95.85
O1014	6.95	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.95	0.00
O1019	11.38	68	31U	30.00	7.10	14.50	10.00	21.00	31.40	41.40	0.00	0.00	0.00	0.00	48.50	1	13.0	0	3	1			11.38	471.13		
O1107	2.08	82	26	20.20	7.50	17.40	12.00	16.50	27.50	39.50	8.30	4.00	3.30	7.50	57.00	5	22.0	18	3	1					2.08	82.16
O1111	12.29	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					12.29	0.00
O1116	56.12	60	31U	21.50	6.50	14.10	10.50	26.70	43.00	53.50	1.10	1.50	0.60	2.50	63.00	1	8.0	5	3	1			56.12	3,002.42		
	156.91																				**0.00**	**0.00**	**115.80**	**6,057.60**	**41.11**	**772.81**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**115.80**	**6,057.60**	**41.11**	**772.81**

Suitable and Potentially Suitable	
Acres	BA
115.80	**6,057.60**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
156.91	**6,830.41**

Appendix E. Table 151. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O12-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O1208	7.92	66	31	35.30	6.70	22.40	16.70	24.40	35.60	52.30	0.00	0.00	2.70	3.30	62.30	1	30.0	3	1	7.92	414.22				
O1209	9.49	4	21P	0.00	0.00	5.40	5.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	5.00	1	10.0	3	1					9.49	47.45
O1210	11.88	88	26	68.10	16.70	17.30	12.50	24.20	31.70	44.20	13.80	3.50	0.60	3.30	68.40	1	28.0	3	1	11.88	525.10				
O1211	9.04	49	10	37.90	12.00	24.60	17.50	12.40	17.00	34.50	50.20	3.80	0.80	3.50	64.00	1	9.0	3	1	9.04	311.88				
O1219	19.45	104	21	8.30	3.20	23.40	20.00	38.30	59.50	79.50	0.00	0.70	0.00	0.50	83.20	1	24.0	3	1	19.45	1,546.28				
O1220	7.19	28	10	58.00	14.30	17.50	14.30	25.70	40.00	54.30	41.40	8.60	6.30	14.30	92.90	5	6.0	3	1					7.19	390.42
O1230	7.11	88	26	97.60	28.60	16.00	11.40	4.60	5.70	17.10	4.40	3.20	1.30	4.30	51.40	7	14.0	3	1					7.11	121.58
O1231	7.68	28	26	66.40	18.80	21.70	17.50	16.40	23.80	41.30	9.50	5.60	0.00	5.00	67.60	6	18.0	3	1					7.68	317.18
O1232	2.14	86	31	28.00	10.00	24.10	17.50	16.30	22.50	40.00	0.00	0.00	0.00	0.00	50.00	1	20.0	3	1	2.14	85.60				
O1233	14.23	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					14.23	0.00
O1307	3.58	57	31	43.70	14.00	30.70	23.00	10.80	17.00	40.00	0.00	1.10	0.40	2.00	56.00	1	23.0	3	1	3.58	143.20				
O1315	7.18	80	26	41.20	11.70	20.60	15.00	17.50	21.70	36.70	4.10	0.00	0.00	0.00	50.10	1	25.0	3	1	7.18	263.51				
O1321	2.46	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.46	0.00
O1322	11.17	60	31	38.70	12.00	18.70	14.00	20.80	33.00	47.00	5.20	0.00	0.00	0.00	61.00	1	24.0	3	1	11.17	524.99				
O1333	4.58	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					4.58	0.00
O1630	13.74	62	31	10.70	4.00	22.60	16.50	15.70	25.50	42.00	4.80	0.60	1.10	2.50	50.00	5	24.0	3	1	13.74	577.08				
O1631	0.02	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.02	0.00
	138.86																			**86.10**	**4,391.86**	**0.00**	**0.00**	**52.76**	**876.63**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	86.10	4,391.86	0.00	0.00	52.76	876.63
	Suitable and Potentially Suitable					
	Acres		BA			
	86.10		4,391.86			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	138.86		5,268.49			

Appendix E. Table 152. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O12-A,** Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O1208	7.92	66	31	35.30	6.70	22.40	16.70	24.40	35.60	52.30	0.00	0.00	2.70	3.30	62.30	1	30.0	5	3	1			7.92	414.22		
O1209	9.49	4	21P	0.00	0.00	5.40	5.00	0.00	0.00	5.00	0.00	0.00	0.00	0.00	5.00	1	10.0	0	3	1					9.49	47.45
O1210	11.88	88	26	68.10	16.70	17.30	12.50	24.20	31.70	44.20	13.80	3.50	0.60	3.30	68.40	1	28.0	9	3	1			11.88	525.10		
O1211	9.04	49	10	37.90	12.00	24.60	17.50	12.40	17.00	34.50	50.20	3.80	0.80	3.50	64.00	1	9.0	11	3	1					9.04	311.88
O1219	19.45	104	21	8.30	3.20	23.40	20.00	38.30	59.50	79.50	0.00	0.70	0.00	0.50	83.20	1	24.0	1	3	1			19.45	1,546.28		
O1220	7.19	28	10	58.00	14.30	17.50	14.30	25.70	40.00	54.30	41.40	8.60	6.30	14.30	92.90	5	6.0	26	3	1					7.19	390.42
O1230	7.11	88	26	97.60	28.60	16.00	11.40	4.60	5.70	17.10	4.40	3.20	1.30	4.30	51.40	7	14.0	18	3	1					7.11	121.58
O1231	7.68	28	26	66.40	18.80	21.70	17.50	16.40	23.80	41.30	9.50	5.60	0.00	5.00	67.60	6	18.0	13	3	1					7.68	317.18
O1232	2.14	86	31	28.00	10.00	24.10	17.50	16.30	22.50	40.00	0.00	0.00	0.00	0.00	50.00	1	20.0	0	3	1					2.14	85.60
O1233	14.23	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					14.23	0.00
O1307	3.58	57	31	43.70	14.00	30.70	23.00	10.80	17.00	40.00	0.00	1.10	0.40	2.00	56.00	1	23.0	3	3	1					3.58	143.20
O1315	7.18	80	26	41.20	11.70	20.60	15.00	17.50	21.70	36.70	4.10	0.00	0.00	0.00	50.10	1	25.0	0	3	1					7.18	263.51
O1321	2.46	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.46	0.00
O1322	11.17	60	31	38.70	12.00	18.70	14.00	20.80	33.00	47.00	5.20	0.00	0.00	0.00	61.00	1	24.0	0	3	1			11.17	524.99		
O1333	4.58	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.58	0.00
O1630	13.74	62	31	10.70	4.00	22.60	16.50	15.70	25.50	42.00	4.80	0.60	1.10	2.50	50.00	5	24.0	4	3	1					13.74	577.08
O1631	0.02	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.02	0.00
	138.86																				**0.00**	**0.00**	**50.42**	**3,010.59**	**88.44**	**2,257.90**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

FORAGING HABITAT TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	50.42	3,010.59	88.44	2,257.90

Suitable and Potentially Suitable	
Acres	BA
50.42	3,010.59

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
138.86	5,268.49

Appendix E. Table 153. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O14-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
N0405	2.02	49	26	28.20	8.90	24.40	17.80	12.60	18.90	36.70	11.20	2.20	1.40	3.30	52.20	1	26.0	3	2	2.02	74.13				
N0406	8.06	49	22P	97.70	33.80	65.90	43.80	3.10	3.80	47.60	7.40	4.30	1.00	3.80	87.70	1	30.0	3	2			8.06	383.66		
N0407	3.72	49	26	98.20	22.00	3.30	2.00	1.50	2.00	4.00	0.00	0.00	0.00	0.00	26.00	1	18.0	3	2					3.72	14.88
N0410	0.07	49	25	49.90	15.60	56.80	33.30	2.90	3.30	36.60	0.00	0.00	0.00	0.00	52.20	1	30.0	3	2	0.07	2.56				
N0411	0.38	60	25	0.00	0.00	16.50	12.50	25.40	52.50	65.00	6.80	0.00	1.30	2.50	70.00	1	30.0	3	2	0.38	24.70				
N0504	4.93	38	25	181.70	41.50	16.50	10.80	5.10	7.70	18.50	23.50	0.00	0.00	0.00	63.80	1	21.0	3	1					4.93	91.21
N0512	3.51	79	10	13.90	4.00	39.60	26.00	15.40	22.50	48.50	44.70	8.10	1.50	8.00	71.00	6	24.0	3	1			3.51	170.24		
N0514	1.61	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.61	0.00
N0614	0.47	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.47	0.00
O1401	10.61	62	26	18.00	6.30	6.80	5.00	21.20	37.50	42.50	0.00	0.00	0.90	1.30	50.10	1	20.0	3	1	10.61	450.93				
O1403	8.45	45	26	10.30	3.00	16.10	11.00	9.30	15.50	26.50	23.40	5.80	1.30	5.50	42.00	1	24.0	3	1					8.45	223.93
O1404	5.31	48	26	33.70	9.00	19.40	13.50	13.20	20.50	34.00	1.80	0.50	1.10	3.00	46.50	1	26.0	3	1	5.31	180.54				
O1410	12.65	62	26	12.40	3.30	23.60	17.30	28.00	40.70	58.00	6.40	2.00	4.40	8.00	71.30	2	24.0	3	1	12.65	733.70				
O1413	12.66	62	25	28.80	9.20	21.80	15.00	11.80	17.50	32.50	3.80	2.70	3.30	6.70	50.10	4	19.0	3	1	12.66	411.45				
O2533	51.50	48	31	55.20	17.80	43.20	30.00	11.80	15.00	45.00	19.10	2.30	1.60	3.90	71.70	2	29.0	3	1	51.50	2,317.50				
O2534	0.19	25	31	348.30	75.60	1.90	1.10	0.00	0.00	1.10	2.50	0.00	0.00	0.00	77.80	1	29.0	3	1					0.19	0.21
O2540	13.18	48	22P	26.20	9.00	46.40	33.00	10.20	12.00	45.00	5.10	0.60	1.20	2.50	58.00	4	30.0	3	1	13.18	593.10				
O2541	0.17	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.17	0.00
	139.49																			**108.38**	**4,788.61**	**11.57**	**553.90**	**19.54**	**330.23**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
22 = Slash Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	108.38	4,788.61	11.57	553.90	19.54	330.23
	Suitable and Potentially Suitable					
	Acres		BA			
	119.95		5,342.51			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	139.49		5,672.74			

Appendix E. Table 154. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O14-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
N0405	2.02	49	26	28.20	8.90	24.40	17.80	12.60	18.90	36.70	11.20	2.20	1.40	3.30	52.20	1	26.0	9	3	1					2.02	74.13
N0406	8.06	49	22P	97.70	33.80	65.90	43.80	3.10	3.80	47.60	7.40	4.30	1.00	3.80	87.70	1	30.0	7	3	1					8.06	383.66
N0407	3.72	49	26	98.20	22.00	3.30	2.00	1.50	2.00	4.00	0.00	0.00	0.00	0.00	26.00	1	18.0	0	3	1					3.72	14.88
N0410	0.07	49	25	49.90	15.60	56.80	33.30	2.90	3.30	36.60	0.00	0.00	0.00	0.00	52.20	1	30.0	0	3	1					0.07	2.56
N0411	0.38	60	25	0.00	0.00	16.50	12.50	25.40	52.50	65.00	6.80	0.00	1.30	2.50	70.00	1	30.0	3	3	1			0.38	24.70		
N0504	4.93	38	25	181.70	41.50	16.50	10.80	5.10	7.70	18.50	23.50	0.00	0.00	0.00	63.80	1	21.0	0	3	1					4.93	91.21
N0512	3.51	79	10	13.90	4.00	39.60	26.00	15.40	22.50	48.50	44.70	8.10	1.50	8.00	71.00	6	24.0	15	3	1					3.51	170.24
N0514	1.61	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.61	0.00
N0614	0.47	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.47	0.00
O1401	10.61	62	26	18.00	6.30	6.80	5.00	21.20	37.50	42.50	0.00	0.00	0.90	1.30	50.10	1	20.0	3	3	1			10.61	450.93		
O1403	8.45	45	26	10.30	3.00	16.10	11.00	9.30	15.50	26.50	23.40	5.80	1.30	5.50	42.00	1	24.0	22	3	1					8.45	223.93
O1404	5.31	48	26	33.70	9.00	19.40	13.50	13.20	20.50	34.00	1.80	0.50	1.10	3.00	46.50	1	26.0	5	3	1					5.31	180.54
O1410	12.65	62	26	12.40	3.30	23.60	17.30	28.00	40.70	58.00	6.40	2.00	4.40	8.00	71.30	2	24.0	11	3	1			12.65	733.70		
O1413	12.66	62	25	28.80	9.20	21.80	15.00	11.80	17.50	32.50	3.80	2.70	3.30	6.70	50.10	4	19.0	15	3	1					12.66	411.45
O2533	51.50	48	31	55.20	17.80	43.20	30.00	11.80	15.00	45.00	19.10	2.30	1.60	3.90	71.70	2	29.0	7	3	1					51.50	2,317.50
O2534	0.19	25	31	348.30	75.60	1.90	1.10	0.00	0.00	1.10	2.50	0.00	0.00	0.00	77.80	1	29.0	0	3	1					0.19	0.21
O2540	13.18	48	22P	26.20	9.00	46.40	33.00	10.20	12.00	45.00	5.10	0.60	1.20	2.50	58.00	4	30.0	3	3	1					13.18	593.10
O2541	0.17	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.17	0.00
	139.49																				**0.00**	**0.00**	**23.64**	**1,209.33**	**115.85**	**4,463.41**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
22 = Slash Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	23.64	1,209.33	115.85	4,463.41
	Suitable and Potentially Suitable					
	Acres		BA			
	23.64		1,209.33			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	139.49		5,672.74			

Appendix E. Table 155. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O14-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
N0410	7.68	49	25	49.90	15.60	56.80	33.30	2.90	3.30	36.60	0.00	0.00	0.00	0.00	52.20	1	30.0	3	2	7.68	281.09				
N0411	3.75	60	25	0.00	0.00	16.50	12.50	25.40	52.50	65.00	6.80	0.00	1.30	2.50	70.00	1	30.0	3	2	3.75	243.75				
N0417	2.87	69	26	56.10	13.80	28.50	20.00	3.20	3.80	23.80	16.90	3.70	7.90	12.50	55.10	1	34.0	3	2					2.87	68.31
N0418	4.35	60	26	43.10	11.70	29.20	20.00	16.10	23.30	43.30	5.30	2.20	0.00	1.70	58.40	1	23.0	3	2	4.35	188.36				
N0419	11.41	51	22P	36.20	10.00	21.60	14.00	11.40	16.00	30.00	0.00	0.00	0.60	1.00	41.00	1	30.0	3	2	11.41	342.30				
N0427	12.30	51	22P	22.20	7.00	59.20	39.00	7.70	9.00	48.00	0.00	0.00	0.00	0.00	55.00	1	12.0	3	2	12.30	590.40				
N0428	0.07	48	26	102.20	31.00	45.90	32.00	7.70	9.50	41.50	10.90	7.80	5.90	13.00	89.50	5	13.0	3	2			0.07	2.91		
O0510	0.26	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.26	0.00
O0512	0.39	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.39	0.00
O0513	6.22	48	22P	77.90	23.00	61.80	42.00	9.20	12.00	54.00	0.00	0.00	0.00	0.00	77.00	1	29.0	3	1			6.22	335.88		
O0514	1.13	87	26	11.80	4.30	19.10	14.30	18.60	30.00	44.30	0.00	4.00	2.60	5.80	54.40	4	26.0	3	1	1.13	50.06				
O0529	0.11	65	13	33.60	11.70	13.20	8.30	24.90	35.00	43.30	31.90	1.90	6.60	11.70	75.00	5	12.0	3	1			0.11	4.76		
O1403	7.25	45	26	10.30	3.00	16.10	11.00	9.30	15.50	26.50	23.40	5.80	1.30	5.50	42.00	1	24.0	3	1					7.25	192.13
O1404	19.19	48	26	33.70	9.00	19.40	13.50	13.20	20.50	34.00	1.80	0.50	1.10	3.00	46.50	1	26.0	3	1	19.19	652.46				
O1406	26.04	101	26	42.80	12.00	30.20	21.50	17.90	25.50	47.00	0.00	0.80	0.00	0.50	59.50	1	12.0	3	1	26.04	1,223.88				
O1407	3.61	65	26	13.30	4.50	13.40	9.50	19.60	26.00	35.50	5.40	0.90	1.80	3.50	45.50	2	30.0	3	1	3.61	128.16				
O1408	10.82	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					10.82	0.00
O1409	24.69	65	26	12.10	4.00	13.20	10.00	16.10	24.50	34.50	0.00	0.50	1.10	2.00	40.50	1	12.0	3	1	24.69	851.81				
O1410	1.83	62	26	12.40	3.30	23.60	17.30	28.00	40.70	58.00	6.40	2.00	4.40	8.00	71.30	2	24.0	3	1	1.83	106.14				
O1412	10.31	101	22P	43.30	14.50	38.00	24.50	11.10	13.60	38.10	0.00	0.00	0.00	0.00	52.60	1	19.0	3	1	10.31	392.81				
	154.28																			**126.29**	**5,051.22**	**6.40**	**343.55**	**21.59**	**260.44**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
22 = Slash Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentiallysSuitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	126.29	**5,051.22**	**6.40**	**343.55**	**21.59**	**260.44**

Suitable and Potentially Suitable	
Acres	BA
132.69	**5,394.77**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
154.28	**5,655.21**

Appendix E. Table 156. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O14-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
N0410	7.68	49	25	49.90	15.60	56.80	33.30	2.90	3.30	36.60	0.00	0.00	0.00	0.00	52.20	1	30.0	0	3	2					7.68	281.09
N0411	3.75	60	25	0.00	0.00	16.50	12.50	25.40	52.50	65.00	6.80	0.00	1.30	2.50	70.00	1	30.0	3	3	2			3.75	243.75		
N0417	2.87	69	26	56.10	13.80	28.50	20.00	3.20	3.80	23.80	16.90	3.70	7.90	12.50	55.10	1	34.0	27	3	2					2.87	68.31
N0418	4.35	60	26	43.10	11.70	29.20	20.00	16.10	23.30	43.30	5.30	2.20	0.00	1.70	58.40	1	23.0	5	3	2					4.35	188.36
N0419	11.41	51	22P	36.20	10.00	21.60	14.00	11.40	16.00	30.00	0.00	0.00	0.60	1.00	41.00	1	30.0	2	3	2					11.41	342.30
N0427	12.30	51	22P	22.20	7.00	59.20	39.00	7.70	9.00	48.00	0.00	0.00	0.00	0.00	55.00	1	12.0	0	3	2					12.30	590.40
N0428	0.07	48	26	102.20	31.00	45.90	32.00	7.70	9.50	41.50	10.90	7.80	5.90	13.00	89.50	5	13.0	20	3	2					0.07	2.91
O0510	0.26	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.26	0.00
O0512	0.39	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.39	0.00
O0513	6.22	48	22P	77.90	23.00	61.80	42.00	9.20	12.00	54.00	0.00	0.00	0.00	0.00	77.00	1	29.0	0	3	1					6.22	335.88
O0514	1.13	87	26	11.80	4.30	19.10	14.30	18.60	30.00	44.30	0.00	4.00	2.60	5.80	54.40	4	26.0	15	3	1			1.13	50.06		
O0529	0.11	65	13	33.60	11.70	13.20	8.30	24.90	35.00	43.30	31.90	1.90	6.60	11.70	75.00	5	12.0	18	3	1			0.11	4.76		
O1403	7.25	45	26	10.30	3.00	16.10	11.00	9.30	15.50	26.50	23.40	5.80	1.30	5.50	42.00	1	24.0	22	3	1					7.25	192.13
O1404	19.19	48	26	33.70	9.00	19.40	13.50	13.20	20.50	34.00	1.80	0.50	1.10	3.00	46.50	1	26.0	5	3	1					19.19	652.46
O1406	26.04	101	26	42.80	12.00	30.20	21.50	17.90	25.50	47.00	0.00	0.80	0.00	0.50	59.50	1	12.0	2	3	1					26.04	1,223.88
O1407	3.61	65	26	13.30	4.50	13.40	9.50	19.60	26.00	35.50	5.40	0.90	1.80	3.50	45.50	2	30.0	8	3	1					3.61	128.16
O1408	10.82	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					10.82	0.00
O1409	24.69	65	26	12.10	4.00	13.20	10.00	16.10	24.50	34.50	0.00	0.50	1.10	2.00	40.50	1	12.0	5	3	1					24.69	851.81
O1410	1.83	62	26	12.40	3.30	23.60	17.30	28.00	40.70	58.00	6.40	2.00	4.40	8.00	71.30	2	24.0	11	3	1			1.83	106.14		
O1412	10.31	101	22P	43.30	14.50	38.00	24.50	11.10	13.60	38.10	0.00	0.00	0.00	0.00	52.60	1	19.0	0	3	1					10.31	392.81
	154.28																				**0.00**	**0.00**	**6.82**	**404.71**	**147.46**	**5,250.50**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
22 = Slash Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	6.82	404.71	147.46	5,250.50
	Suitable and Potentially Suitable					
	Acres		BA			
	6.82		404.71			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	154.28		5,655.21			

Appendix E. Table 157. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O15-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O1402	28.75	85	26	5.90	1.50	6.00	5.00	23.50	34.00	39.00	15.20	1.30	3.10	5.00	49.50	2	20.0	3	1	28.75	1,121.25				
O1403	19.85	45	26	10.30	3.00	16.10	11.00	9.30	15.50	26.50	23.40	5.80	1.30	5.50	42.00	1	24.0	3	1					19.85	526.03
O1407	3.20	65	26	13.30	4.50	13.40	9.50	19.60	26.00	35.50	5.40	0.90	1.80	3.50	45.50	2	30.0	3	1	3.20	113.60				
O1410	0.11	62	26	12.40	3.30	23.60	17.30	28.00	40.70	58.00	6.40	2.00	4.40	8.00	71.30	2	24.0	3	1	0.11	6.38				
O1554	1.54	46	10	31.80	9.00	19.50	13.00	8.10	12.50	25.50	26.70	5.20	1.90	6.00	47.00	6	19.0	3	1					1.54	39.27
O2515	0.18	45	31	35.00	10.00	39.70	29.40	17.00	24.40	53.80	2.20	3.90	1.00	3.90	68.30	5	20.0	3	1	0.18	9.68				
O2533	7.38	48	31	55.20	17.80	43.20	30.00	11.80	15.00	45.00	19.10	2.30	1.60	3.90	71.70	2	29.0	3	1	7.38	332.10				
O2534	27.74	25	31	348.30	75.60	1.90	1.10	0.00	0.00	1.10	2.50	0.00	0.00	0.00	77.80	1	29.0	3	1					27.74	30.51
O2540	2.51	48	22P	26.20	9.00	46.40	33.00	10.20	12.00	45.00	5.10	0.60	1.20	2.50	58.00	4	30.0	3	1	2.51	112.95				
O2541	4.91	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					4.91	0.00
O2542	25.16	92	26	10.10	3.00	8.20	6.00	19.80	29.00	35.00	14.40	5.00	3.70	9.50	53.50	7	24.0	3	1			25.16	880.60		
O2552	0.83	45	31	41.70	12.00	26.70	19.00	14.20	19.50	38.50	0.00	0.00	0.40	0.50	51.00	1	42.0	3	1	0.83	31.96				
O2554	12.89	46	10	31.80	9.00	19.50	13.00	8.10	12.50	25.50	26.70	5.20	1.90	6.00	47.00	6	19.0	3	1					12.89	328.70
O2625	1.64	46	26	12.40	5.00	31.10	25.00	17.90	25.00	50.00	0.00	0.00	0.00	0.00	55.00	6	10.0	3	1			1.64	82.00		
	136.69																			**42.96**	**1,727.92**	**26.80**	**962.60**	**66.93**	**924.51**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
22 = Slash Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
O1554					1.54	39.27
O2515	0.18	9.68				
O2533	7.38	332.10				
O2534					27.74	30.51
O2552	0.83	31.96				
O2554					12.89	328.70
O2625			1.64	82.00		
TOTALS	**8.39**	**373.74**	**1.64**	**82.00**	**42.17**	**398.48**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
34.57	**1,354.18**	**25.16**	**880.60**	**24.76**	**526.03**

Suitable and Potentially Suitable	
Acres	BA
59.73	**2,234.78**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
84.49	**2,760.81**

Appendix E. Table 158. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O15-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O1402	28.75	85	26	5.90	1.50	6.00	5.00	23.50	34.00	39.00	15.20	1.30	3.10	5.00	49.50	2	20.0	13	3	1					28.75	1,121.25
O1403	19.85	45	26	10.30	3.00	16.10	11.00	9.30	15.50	26.50	23.40	5.80	1.30	5.50	42.00	1	24.0	22	3	1					19.85	526.03
O1407	3.20	65	26	13.30	4.50	13.40	9.50	19.60	26.00	35.50	5.40	0.90	1.80	3.50	45.50	2	30.0	8	3	1					3.20	113.60
O1410	0.11	62	26	12.40	3.30	23.60	17.30	28.00	40.70	58.00	6.40	2.00	4.40	8.00	71.30	2	24.0	11	3	1			0.11	6.38		
O1554	1.54	46	10	31.80	9.00	19.50	13.00	8.10	12.50	25.50	26.70	5.20	1.90	6.00	47.00	6	19.0	20	3	1					1.54	39.27
O2515	0.18	45	31	35.00	10.00	39.70	29.40	17.00	24.40	53.80	2.20	3.90	1.00	3.90	68.30	5	20.0	8	3	1					0.18	9.68
O2533	7.38	48	31	55.20	17.80	43.20	30.00	11.80	15.00	45.00	19.10	2.30	1.60	3.90	71.70	2	29.0	7	3	1					7.38	332.10
O2534	27.74	25	31	348.30	75.60	1.90	1.10	0.00	0.00	1.10	2.50	0.00	0.00	0.00	77.80	1	29.0	0	3	1					27.74	30.51
O2540	2.51	48	22P	26.20	9.00	46.40	33.00	10.20	12.00	45.00	5.10	0.60	1.20	2.50	58.00	4	30.0	3	3	1					2.51	112.95
O2541	4.91	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.91	0.00
O2542	25.16	92	26	10.10	3.00	8.20	6.00	19.80	29.00	35.00	14.40	5.00	3.70	9.50	53.50	7	24.0	24	3	1					25.16	880.60
O2552	0.83	45	31	41.70	12.00	26.70	19.00	14.20	19.50	38.50	0.00	0.00	0.40	0.50	51.00	1	42.0	1	3	1					0.83	31.96
O2554	12.89	46	10	31.80	9.00	19.50	13.00	8.10	12.50	25.50	26.70	5.20	1.90	6.00	47.00	6	19.0	20	3	1					12.89	328.70
O2625	1.64	46	26	12.40	5.00	31.10	25.00	17.90	25.00	50.00	0.00	0.00	0.00	0.00	55.00	6	10.0	0	3	1					1.64	82.00
	136.69																				**0.00**	**0.00**	**0.11**	**6.38**	**136.58**	**3,608.65**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
22 = Slash Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
O1554					1.54	39.27
O2515					0.18	9.68
O2533					7.38	332.10
O2534					27.74	30.51
O2552					0.83	31.96
O2554					12.89	328.70
O2625					1.64	82.00
TOTALS	0.00	0.00	0.00	0.00	52.20	854.22

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**0.11**	**6.38**	**84.38**	**2,754.43**

Suitable and Potentially Suitable

Acres	BA
0.11	**6.38**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
84.49	**2,760.81**

Appendix E. Table 159. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O15-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O1523	5.55	25	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.55	0.00
O1528	26.23	25	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					26.23	0.00
O1529	2.43	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.43	0.00
O1530	24.26	20	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					24.26	0.00
O1531	1.30	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.30	0.00
O1532	19.29	82	26	3.70	1.50	23.00	17.50	23.90	34.50	52.00	2.50	0.90	0.00	0.50	54.50	3	27.0	3	1	19.29	1,003.08				
O1536	16.36	70	26	23.90	6.50	22.40	17.00	16.40	22.50	39.50	3.60	1.40	1.60	3.00	50.00	2	38.0	3	1	16.36	646.22				
O1538	7.65	88	26	14.70	4.50	13.40	10.00	16.80	26.50	36.50	3.70	4.50	0.20	3.50	46.00	2	35.0	3	1	7.65	279.23				
O1555	1.65	51	31	26.60	7.00	19.70	15.50	18.50	25.50	41.00	2.10	1.30	0.50	1.50	50.50	2	32.0	3	1					1.65	67.65
O1626	13.12	17	21P	16.70	4.00	10.80	8.00	3.50	5.00	13.00	10.40	3.70	3.40	8.00	28.00	4	28.0	3	1					13.12	170.56
O2409	16.53	48	26	22.80	7.50	18.00	13.00	6.50	8.50	21.50	2.30	1.60	1.60	3.50	33.50	1	29.0	3	1					16.53	355.40
O2416	2.18	55	25	22.00	7.50	40.50	29.50	16.30	20.00	49.50	1.20	5.30	2.30	7.00	64.50	1	20.0	3	1	2.18	107.91				
O2417	0.62	55	26	26.80	6.50	15.50	11.00	11.60	17.00	28.00	11.70	0.00	1.60	2.00	40.00	5	24.0	3	1					0.62	17.36
O2436	12.42	69	26	22.60	5.20	17.90	12.90	14.20	21.40	34.30	0.00	0.00	0.50	0.50	40.00	1	34.0	3	1	12.42	426.01				
	149.59																			**57.90**	**2,462.45**	**0.00**	**0.00**	**91.69**	**610.97**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

POST-PROJECT TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	57.90	**2,462.45**	**0.00**	**0.00**	**91.69**	**610.97**

Suitable and Potentially Suitable	
Acres	BA
57.90	**2,462.45**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
149.59	**3,073.42**

Appendix E. Table 160. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O15-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
O1523	5.55	25	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.55	0.00
O1528	26.23	25	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					26.23	0.00
O1529	2.43	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.43	0.00
O1530	24.26	20	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					24.26	0.00
O1531	1.30	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.30	0.00
O1532	19.29	82	26	3.70	1.50	23.00	17.50	23.90	34.50	52.00	2.50	0.90	0.00	0.50	54.50	3	27.0	2	3	1			19.29	1,003.08		
O1536	16.36	70	26	23.90	6.50	22.40	17.00	16.40	22.50	39.50	3.60	1.40	1.60	3.00	50.00	2	38.0	7	3	1					16.36	646.22
O1538	7.65	88	26	14.70	4.50	13.40	10.00	16.80	26.50	36.50	3.70	4.50	0.20	3.50	46.00	2	35.0	13	3	1					7.65	279.23
O1555	1.65	51	31	26.60	7.00	19.70	15.50	18.50	25.50	41.00	2.10	1.30	0.50	1.50	50.50	2	32.0	5	3	1					1.65	67.65
O1626	13.12	17	21P	16.70	4.00	10.80	8.00	3.50	5.00	13.00	10.40	3.70	3.40	8.00	28.00	4	28.0	33	3	1					13.12	170.56
O2409	16.53	48	26	22.80	7.50	18.00	13.00	6.50	8.50	21.50	2.30	1.60	1.60	3.50	33.50	1	29.0	12	3	1					16.53	355.40
O2416	2.18	55	25	22.00	7.50	40.50	29.50	16.30	20.00	49.50	1.20	5.30	2.30	7.00	64.50	1	20.0	12	3	1					2.18	107.91
O2417	0.62	55	26	26.80	6.50	15.50	11.00	11.60	17.00	28.00	11.70	0.00	1.60	2.00	40.00	5	24.0	6	3	1					0.62	17.36
O2436	12.42	69	26	22.60	5.20	17.90	12.90	14.20	21.40	34.30	0.00	0.00	0.50	0.50	40.00	1	34.0	2	3	1					12.42	426.01
	149.59																				**0.00**	**0.00**	**19.29**	**1,003.08**	**130.30**	**2,070.34**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	19.29	1,003.08	130.30	2,070.34

Suitable and Potentially Suitable	
Acres	BA
19.29	1,003.08

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
149.59	3,073.42

Appendix E. Table 161. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O15-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O1302	5.93	70	26	36.90	10.00	32.80	25.00	15.30	20.00	45.00	14.30	4.70	5.90	11.60	69.90	2	25.0	3	1			5.93	266.85		
O1303	5.01	58	25	112.10	28.00	60.30	44.00	21.00	26.00	70.00	43.90	7.40	2.00	8.00	114.00	3	14.0	3	1			5.01	350.70		
O1304	6.28	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.28	0.00
O1305	38.89	31	31	141.60	36.00	39.20	26.00	2.60	4.00	30.00	3.50	0.00	0.00	0.00	67.00	1	36.0	3	1			38.89	1,166.70		
O1306	2.87	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.87	0.00
O1307	5.71	57	31	43.70	14.00	30.70	23.00	10.80	17.00	40.00	0.00	1.10	0.40	2.00	56.00	1	23.0	3	1	5.71	228.40				
O1315	0.04	80	26	41.20	11.70	20.60	15.00	17.50	21.70	36.70	4.10	0.00	0.00	0.00	50.10	1	25.0	3	1	0.04	1.47				
O1322	4.22	60	31	38.70	12.00	18.70	14.00	20.80	33.00	47.00	5.20	0.00	0.00	0.00	61.00	1	24.0	3	1	4.22	198.34				
O1528	1.81	25	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.81	0.00
O1529	1.78	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.78	0.00
O1535	53.54	25	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					53.54	0.00
O1536	16.35	70	26	23.90	6.50	22.40	17.00	16.40	22.50	39.50	3.60	1.40	1.60	3.00	50.00	2	38.0	3	1	16.35	645.83				
O1538	13.97	88	26	14.70	4.50	13.40	10.00	16.80	26.50	36.50	3.70	4.50	0.20	3.50	46.00	2	35.0	3	1	13.97	509.91				
O1539	2.44	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.44	0.00
O1543	2.48	25	31P	532.70	115.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	115.00	1	40.0	3	1					2.48	0.00
O1544	10.30	70	26	56.30	16.80	10.10	7.40	12.40	18.40	25.80	0.00	0.00	0.00	0.00	42.60	1	17.0	3	1	10.30	265.74				
O1545	6.62	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.62	0.00
O1630	0.17	62	31	10.70	4.00	22.60	16.50	15.70	25.50	42.00	4.80	0.60	1.10	2.50	50.00	5	24.0	3	1	0.17	7.14				
	178.41																			**50.76**	**1,856.83**	**49.83**	**1,784.25**	**77.82**	**0.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	50.76	**1,856.83**	**49.83**	**1,784.25**	**77.82**	**0.00**
	Suitable and Potentially Suitable					
	Acres		BA			
	100.59		**3,641.08**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	178.41		**3,641.08**			

Appendix E. Table 162. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O15-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O1302	5.93	70	26	36.90	10.00	32.80	25.00	15.30	20.00	45.00	14.30	4.70	5.90	11.60	69.90	2	25.0	18	3	1					5.93	266.85
O1303	5.01	58	25	112.10	28.00	60.30	44.00	21.00	26.00	70.00	43.90	7.40	2.00	8.00	114.00	3	14.0	10	3	1					5.01	350.70
O1304	6.28	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.28	0.00
O1305	38.89	31	31	141.60	36.00	39.20	26.00	2.60	4.00	30.00	3.50	0.00	0.00	0.00	67.00	1	36.0	0	3	1					38.89	1,166.70
O1306	2.87	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.87	0.00
O1307	5.71	57	31	43.70	14.00	30.70	23.00	10.80	17.00	40.00	0.00	1.10	0.40	2.00	56.00	1	23.0	3	3	1					5.71	228.40
O1315	0.04	80	26	41.20	11.70	20.60	15.00	17.50	21.70	36.70	4.10	0.00	0.00	0.00	50.10	1	25.0	0	3	1					0.04	1.47
O1322	4.22	60	31	38.70	12.00	18.70	14.00	20.80	33.00	47.00	5.20	0.00	0.00	0.00	61.00	1	24.0	0	3	1			4.22	198.34		
O1528	1.81	25	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.81	0.00
O1529	1.78	18	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.78	0.00
O1535	53.54	25	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					53.54	0.00
O1536	16.35	70	26	23.90	6.50	22.40	17.00	16.40	22.50	39.50	3.60	1.40	1.60	3.00	50.00	2	38.0	7	3	1					16.35	645.83
O1538	13.97	88	26	14.70	4.50	13.40	10.00	16.80	26.50	36.50	3.70	4.50	0.20	3.50	46.00	2	35.0	13	3	1					13.97	509.91
O1539	2.44	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.44	0.00
O1543	2.48	25	31P	532.70	115.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	115.00	1	40.0	0	3	1					2.48	0.00
O1544	10.30	70	26	56.30	16.80	10.10	7.40	12.40	18.40	25.80	0.00	0.00	0.00	0.00	42.60	1	17.0	0	3	1					10.30	265.74
O1545	6.62	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.62	0.00
O1630	0.17	62	31	10.70	4.00	22.60	16.50	15.70	25.50	42.00	4.80	0.60	1.10	2.50	50.00	5	24.0	4	3	1					0.17	7.14
	178.41																				**0.00**	**0.00**	**4.22**	**198.34**	**174.19**	**3,442.74**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	4.22	198.34	174.19	3,442.74

Suitable and Potentially Suitable	
Acres	BA
4.22	198.34

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
178.41	3,641.08

Appendix E. Table 163. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O16-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O1208	0.79	66	31	35.30	6.70	22.40	16.70	24.40	35.60	52.30	0.00	0.00	2.70	3.30	62.30	1	30.0	3	1	0.79	41.32				
O1307	0.68	57	31	43.70	14.00	30.70	23.00	10.80	17.00	40.00	0.00	1.10	0.40	2.00	56.00	1	23.0	3	1	0.68	27.20				
O1545	0.51	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.51	0.00
O1614	16.69	47	31	12.10	4.00	29.90	21.00	16.30	24.00	45.00	0.00	2.10	0.40	2.00	51.00	1	24.0	3	1	16.69	751.05				
O1623	32.08	47	25	50.50	16.00	22.80	15.00	5.30	7.00	22.00	2.90	0.00	0.00	0.00	39.00	1	32.0	3	1					32.08	705.76
O1626	1.22	17	21P	16.70	4.00	10.80	8.00	3.50	5.00	13.00	10.40	3.70	3.40	8.00	28.00	4	28.0	3	1					1.22	15.86
O1627	0.94	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.94	0.00
O1628	16.26	62	26	26.20	6.30	21.60	15.80	12.20	16.80	32.60	0.00	2.10	1.20	3.70	42.60	4	20.0	3	1	16.26	530.08				
O1629	55.26	68	26	24.80	6.50	14.80	11.00	17.00	25.00	36.00	4.70	0.00	0.00	0.00	44.00	1	24.0	3	1	55.26	1,989.36				
O1630	22.04	62	31	10.70	4.00	22.60	16.50	15.70	25.50	42.00	4.80	0.60	1.10	2.50	50.00	5	24.0	3	1	22.04	925.68				
O1631	1.98	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.98	0.00
	148.45																			**111.72**	**4,264.69**	**0.00**	**0.00**	**36.73**	**721.62**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed StabilityStandard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
111.72	**4,264.69**	**0.00**	**0.00**	**36.73**	**721.62**

Suitable and Potentially Suitable	
Acres	BA
111.72	**4,264.69**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
148.45	**4,986.31**

Appendix E. Table 164. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O16-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O1208	0.79	66	31	35.30	6.70	22.40	16.70	24.40	35.60	52.30	0.00	0.00	2.70	3.30	62.30	1	30.0	5	3	1			0.79	41.32		
O1307	0.68	57	31	43.70	14.00	30.70	23.00	10.80	17.00	40.00	0.00	1.10	0.40	2.00	56.00	1	23.0	3	3	1					0.68	27.20
O1545	0.51	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.51	0.00
O1614	16.69	47	31	12.10	4.00	29.90	21.00	16.30	24.00	45.00	0.00	2.10	0.40	2.00	51.00	1	24.0	5	3	1					16.69	751.05
O1623	32.08	47	25	50.50	16.00	22.80	15.00	5.30	7.00	22.00	2.90	0.00	0.00	0.00	39.00	1	32.0	0	3	1					32.08	705.76
O1626	1.22	17	21P	16.70	4.00	10.80	8.00	3.50	5.00	13.00	10.40	3.70	3.40	8.00	28.00	4	28.0	33	3	1					1.22	15.86
O1627	0.94	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.94	0.00
O1628	16.26	62	26	26.20	6.30	21.60	15.80	12.20	16.80	32.60	0.00	2.10	1.20	3.70	42.60	4	20.0	9	3	1					16.26	530.08
O1629	55.26	68	26	24.80	6.50	14.80	11.00	17.00	25.00	36.00	4.70	0.00	0.00	0.00	44.00	1	24.0	0	3	1					55.26	1,989.36
O1630	22.04	62	31	10.70	4.00	22.60	16.50	15.70	25.50	42.00	4.80	0.60	1.10	2.50	50.00	5	24.0	4	3	1					22.04	925.68
O1631	1.98	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.98	0.00
	148.45																				**0.00**	**0.00**	**0.79**	**41.32**	**147.66**	**4,944.99**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**0.79**	**41.32**	**147.66**	**4,944.99**

Suitable and Potentially Suitable	
Acres	BA
0.79	**41.32**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
148.45	**4,986.31**

Appendix E. Table 165. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O17-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O1101	2.51	29	31	22.10	10.00	23.10	16.70	23.40	26.70	43.40	0.00	0.00	0.00	0.00	53.40	1	33.0	3	1					2.51	108.93
O1102	10.45	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					10.45	0.00
O1103	4.26	96	25	86.10	25.60	22.00	14.40	8.50	13.80	28.20	5.50	1.10	1.20	3.10	58.80	5	16.0	3	1					4.26	120.13
O1104	0.27	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.27	0.00
O1706	17.12	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					17.12	0.00
O1708	27.29	4	21P	22.50	6.40	5.90	4.10	9.80	14.10	18.20	13.80	7.30	1.10	6.40	34.60	2	20.0	3	1					27.29	496.68
O1710	32.05	68	25	26.70	8.60	15.40	11.40	12.50	18.10	29.50	2.20	0.00	0.40	1.00	39.60	1	31.0	3	1					32.05	945.48
O1711	21.36	69	26	8.50	3.30	18.60	13.90	14.80	21.70	35.60	23.20	3.00	1.10	3.90	48.40	1	23.0	3	1	21.36	760.42				
O1713	5.25	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.25	0.00
O1714	24.41	29	13	59.60	15.00	27.90	19.00	2.50	3.00	22.00	38.50	11.50	1.80	11.00	58.00	1	16.0	3	1					24.41	537.02
O1716	6.52	29	31	10.20	4.00	42.10	32.00	9.60	12.00	44.00	0.00	0.00	0.00	0.00	48.00	2	32.0	3	1					6.52	286.88
O1719	7.09	96	10	61.70	18.00	12.80	10.00	6.30	9.50	19.50	67.50	9.90	2.50	10.00	65.00	1	4.0	3	1					7.09	138.26
O1720	5.29	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.29	0.00
O1723	9.69	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					9.69	0.00
O1724	6.29	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.29	0.00
O1725	0.84	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.84	0.00
O1812	7.63	42	31	10.30	3.90	35.70	26.10	10.40	14.40	40.50	0.00	0.00	0.00	0.00	44.40	1	22.0	3	1	7.63	309.02				
O1813	4.64	42	31U	10.30	3.90	35.70	26.10	10.40	14.40	40.50	0.00	0.00	0.00	0.00	44.40	1	22.0	3	1	4.64	187.92				
O1818	25.43	71	26	59.70	16.00	17.50	12.50	11.80	19.50	32.00	0.00	0.00	0.50	0.50	48.50	1	27.0	3	1	25.43	813.76				
O1819	10.12	102	26	45.80	14.10	19.10	13.50	12.50	20.00	33.50	0.00	0.00	0.00	0.00	47.60	1	29.0	3	1	10.12	339.02				
O1853	4.21	57	25	9.80	3.50	22.20	15.00	14.80	23.50	38.50	7.70	2.10	0.20	2.00	46.00	5	3.0	3	1	4.21	162.09				
	232.72																			**73.39**	**2,572.23**	**0.00**	**0.00**	**159.33**	**2,633.38**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
73.39	**2,572.23**	**0.00**	**0.00**	**159.33**	**2,633.38**

Suitable and Potentially Suitable	
Acres	BA
73.39	**2,572.23**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
232.72	**5,205.61**

Appendix E. Table 156. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O17-B,** Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
O1101	2.51	29	31	22.10	10.00	23.10	16.70	23.40	26.70	43.40	0.00	0.00	0.00	0.00	53.40	1	33.0	0	3	1					2.51	108.93
O1102	10.45	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					10.45	0.00
O1103	4.26	96	25	86.10	25.60	22.00	14.40	8.50	13.80	28.20	5.50	1.10	1.20	3.10	58.80	5	16.0	7	3	1					4.26	120.13
O1104	0.27	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.27	0.00
O1706	17.12	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					17.12	0.00
O1708	27.29	4	21P	22.50	6.40	5.90	4.10	9.80	14.10	18.20	13.80	7.30	1.10	6.40	34.60	2	20.0	35	3	1					27.29	496.68
O1710	32.05	68	25	26.70	8.60	15.40	11.40	12.50	18.10	29.50	2.20	0.00	0.40	1.00	39.60	1	31.0	1	3	1					32.05	945.48
O1711	21.36	69	26	8.50	3.30	18.60	13.90	14.80	21.70	35.60	23.20	3.00	1.10	3.90	48.40	1	23.0	11	3	1					21.36	760.42
O1713	5.25	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.25	0.00
O1714	24.41	29	13	59.60	15.00	27.90	19.00	2.50	3.00	22.00	38.50	11.50	1.80	11.00	58.00	1	16.0	30	3	1					24.41	537.02
O1716	6.52	29	31	10.20	4.00	42.10	32.00	9.60	12.00	44.00	0.00	0.00	0.00	0.00	48.00	2	32.0	0	3	1					6.52	286.88
O1719	7.09	96	10	61.70	18.00	12.80	10.00	6.30	9.50	19.50	67.50	9.90	2.50	10.00	65.00	1	4.0	39	3	1					7.09	138.26
O1720	5.29	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.29	0.00
O1723	9.69	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					9.69	0.00
O1724	6.29	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.29	0.00
O1725	0.84	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.84	0.00
O1812	7.63	42	31	10.30	3.90	35.70	26.10	10.40	14.40	40.50	0.00	0.00	0.00	0.00	44.40	1	22.0	0	3	1					7.63	309.02
O1813	4.64	42	31U	10.30	3.90	35.70	26.10	10.40	14.40	40.50	0.00	0.00	0.00	0.00	44.40	1	22.0	0	3	1					4.64	187.92
O1818	25.43	71	26	59.70	16.00	17.50	12.50	11.80	19.50	32.00	0.00	0.00	0.50	0.50	48.50	1	27.0	2	3	1					25.43	813.76
O1819	10.12	102	26	45.80	14.10	19.10	13.50	12.50	20.00	33.50	0.00	0.00	0.00	0.00	47.60	1	29.0	0	3	1					10.12	339.02
O1853	4.21	57	25	9.80	3.50	22.20	15.00	14.80	23.50	38.50	7.70	2.10	0.20	2.00	46.00	5	3.0	6	3	1					4.21	162.09
	232.72																				**0.00**	**0.00**	**0.00**	**0.00**	**232.72**	**5,205.61**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	0.00	0.00	232.72	5,205.61
	Suitable and Potentially Suitable					
	Acres		BA			
	0.00		0.00			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	232.72		5,205.61			

Appendix E. Table 167. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O18-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O1814	25.78	57	26	67.90	17.50	18.60	12.50	8.50	13.50	26.00	2.40	2.30	0.00	2.00	46.00	1	26.0	3	1					25.78	670.28
O1818	36.23	71	26	59.70	16.00	17.50	12.50	11.80	19.50	32.00	0.00	0.00	0.50	0.50	48.50	1	27.0	3	1	36.23	1,159.36				
O1819	47.90	102	26	45.80	14.10	19.10	13.50	12.50	20.00	33.50	0.00	0.00	0.00	0.00	47.60	1	29.0	3	1	47.90	1,604.65				
O1820	18.56	74	26	12.70	4.20	10.50	7.40	5.50	8.40	15.80	7.50	6.20	0.70	5.30	27.90	5	26.0	3	1					18.56	293.25
O1829	5.24	69	26	16.00	4.50	10.80	8.00	11.70	17.50	25.50	4.30	1.70	0.00	1.00	32.50	2	28.0	3	1					5.24	133.62
O1853	5.09	57	25	9.80	3.50	22.20	15.00	14.80	23.50	38.50	7.70	2.10	0.20	2.00	46.00	5	3.0	3	1	5.09	195.97				
O1854	5.47	57	31	1.60	0.50	26.00	19.00	15.90	20.00	39.00	0.00	0.00	0.00	0.00	39.50	1	22.0	3	1	5.47	213.33				
O2021	10.94	4	21P	23.80	5.00	4.20	3.00	5.40	9.00	12.00	6.60	0.00	0.00	0.00	19.00	5	27.0	3	1					10.94	131.28
O2022	18.32	56	26	36.40	11.00	16.70	11.00	14.40	21.50	32.50	8.20	1.90	0.40	2.00	48.00	5	8.0	3	1	18.32	595.40				
O2025	23.98	101	21S	17.30	4.50	6.20	5.00	11.00	14.00	19.00	11.50	2.30	0.00	1.50	28.00	2	30.0	3	1					23.98	455.62
O2031	8.33	104	26	37.00	11.50	25.70	17.50	6.10	8.00	25.50	18.30	5.60	2.00	6.50	50.00	2	46.0	3	1					8.33	212.42
O2060	6.21	56	26	6.80	2.50	8.10	6.30	32.60	51.30	57.60	1.40	0.00	0.00	0.00	60.70	1	27.0	3	1	6.21	357.70				
	212.05																			**119.22**	**4,126.41**	**0.00**	**0.00**	**92.83**	**1,896.47**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
S = Sheltercut

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	O2025	Ware Range Beaten Area					3.02	57.38
	O2031						0.61	15.56
		PROJECT TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**3.63**	**72.94**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
119.22	**4,126.41**	**0.00**	**0.00**	**89.20**	**1,823.53**

Suitable and Potentially Suitable

Acres	BA
119.22	**4,126.41**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
208.42	**5,949.94**

Appendix E. Table 168. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O18-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O1814	25.78	57	26	67.90	17.50	18.60	12.50	8.50	13.50	26.00	2.40	2.30	0.00	2.00	46.00	1	26.0	8	3	1					25.78	670.28
O1818	36.23	71	26	59.70	16.00	17.50	12.50	11.80	19.50	32.00	0.00	0.00	0.50	0.50	48.50	1	27.0	2	3	1					36.23	1,159.36
O1819	47.90	102	26	45.80	14.10	19.10	13.50	12.50	20.00	33.50	0.00	0.00	0.00	0.00	47.60	1	29.0	0	3	1					47.90	1,604.65
O1820	18.56	74	26	12.70	4.20	10.50	7.40	5.50	8.40	15.80	7.50	6.20	0.70	5.30	27.90	5	26.0	30	3	1					18.56	293.25
O1829	5.24	69	26	16.00	4.50	10.80	8.00	11.70	17.50	25.50	4.30	1.70	0.00	1.00	32.50	2	28.0	7	3	1					5.24	133.62
O1853	5.09	57	25	9.80	3.50	22.20	15.00	14.80	23.50	38.50	7.70	2.10	0.20	2.00	46.00	5	3.0	6	3	1					5.09	195.97
O1854	5.47	57	31	1.60	0.50	26.00	19.00	15.90	20.00	39.00	0.00	0.00	0.00	0.00	39.50	1	22.0	0	3	1					5.47	213.33
O2021	10.94	4	21P	23.80	5.00	4.20	3.00	5.40	9.00	12.00	6.60	0.00	0.00	0.00	19.00	5	27.0	0	3	1					10.94	131.28
O2022	18.32	56	26	36.40	11.00	16.70	11.00	14.40	21.50	32.50	8.20	1.90	0.40	2.00	48.00	5	8.0	7	3	1					18.32	595.40
O2025	23.98	101	21S	17.30	4.50	6.20	5.00	11.00	14.00	19.00	11.50	2.30	0.00	1.50	28.00	2	30.0	12	3	1					23.98	455.62
O2031	8.33	104	26	37.00	11.50	25.70	17.50	6.10	8.00	25.50	18.30	5.60	2.00	6.50	50.00	2	46.0	19	3	1					8.33	212.42
O2060	6.21	56	26	6.80	2.50	8.10	6.30	32.60	51.30	57.60	1.40	0.00	0.00	0.00	60.70	1	27.0	0	3	1					6.21	357.70
	212.05																				**0.00**	**0.00**	**0.00**	**0.00**	**212.05**	**6,022.88**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
S = Sheltercut

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	O2025	Ware Range Beaten Area					3.02	57.38
	O2031						0.61	15.56
		PROJECT TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**3.63**	**72.94**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT							
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
0.00	**0.00**	**0.00**	**0.00**	**208.42**	**5,949.94**

Suitable and Potentially Suitable Acres	Suitable and Potentially Suitable BA
0.00	**0.00**

Total Manageable Potentially Contiguous Pine Habitat Acres	Total Manageable Potentially Contiguous Pine Habitat BA
208.42	**5,949.94**

Appendix E. Table 169. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O18-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O1703	13.96	87	25	15.70	5.00	7.10	5.00	12.50	22.00	27.00	2.60	0.70	2.80	6.00	39.00	1	31.0	3	1					13.96	376.92
O1705	3.65	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.65	0.00
O1711	1.19	69	26	8.50	3.30	18.60	13.90	14.80	21.70	35.60	23.20	3.00	1.10	3.90	48.40	1	23.0	3	1	1.19	42.36				
O1722	7.73	89	25U	17.20	5.50	7.50	6.00	26.30	38.50	44.50	6.80	0.90	1.60	3.50	55.50	1	34.0	3	1	7.73	343.99				
O1801	23.49	53	31U	19.60	7.00	44.40	32.00	11.40	15.50	47.50	0.00	0.90	0.50	1.50	56.00	4	33.0	3	1	23.49	1115.78				
O1803	6.26	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.26	0.00
O1804	1.58	54	26U	13.30	5.00	44.70	31.40	11.40	15.70	47.10	5.50	0.00	0.80	1.40	55.60	5	21.0	3	1					1.58	74.42
O1808	10.93	118	26	21.80	7.50	14.20	11.00	14.80	20.50	31.50	3.50	1.40	0.00	1.00	40.50	2	37.0	3	1	10.93	344.30				
O1809	4.09	48	31	31.70	10.00	37.80	26.50	9.90	13.00	39.50	1.10	0.00	0.60	1.00	51.00	5	18.0	3	1	4.09	161.56				
O1813	4.14	42	31U	10.30	3.90	35.70	26.10	10.40	14.40	40.50	0.00	0.00	0.00	0.00	44.40	1	22.0	3	1	4.14	167.67				
O1853	13.64	57	25	9.80	3.50	22.20	15.00	14.80	23.50	38.50	7.70	2.10	0.20	2.00	46.00	5	3.0	3	1	13.64	525.14				
O1854	31.96	57	31	1.60	0.50	26.00	19.00	15.90	20.00	39.00	0.00	0.00	0.00	0.00	39.50	1	22.0	3	1	31.96	1246.44				
O2149	3.51	92	13	19.30	6.40	17.10	12.70	14.40	25.50	38.20	24.70	1.40	3.40	7.30	59.20	1	25.0	3	1	3.51	134.08				
O2166	1.41	8	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.41	0.00
	127.54																			**100.68**	**4,081.32**	**0.00**	**0.00**	**26.86**	**451.34**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PROJECT REMOVALS	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
		PROJECT TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
100.68	**4,081.32**	**0.00**	**0.00**	**26.86**	**451.34**

Suitable and Potentially Suitable Acres	Suitable and Potentially Suitable BA
100.68	**4,081.32**

Total Manageable Potentially Contiguous Pine Habitat Acres	Total Manageable Potentially Contiguous Pine Habitat BA
127.54	**4,532.66**

Appendix E. Table 170. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O18-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
O1703	13.96	87	25	15.70	5.00	7.10	5.00	12.50	22.00	27.00	2.60	0.70	2.80	6.00	39.00	1	31.0	15	3	1					13.96	376.92
O1705	3.65	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.65	0.00
O1711	1.19	69	26	8.50	3.30	18.60	13.90	14.80	21.70	35.60	23.20	3.00	1.10	3.90	48.40	1	23.0	11	3	1					1.19	42.36
O1722	7.73	89	25U	17.20	5.50	7.50	6.00	26.30	38.50	44.50	6.80	0.90	1.60	3.50	55.50	1	34.0	7	3	1			7.73	343.99		
O1801	23.49	53	31U	19.60	7.00	44.40	32.00	11.40	15.50	47.50	0.00	0.90	0.50	1.50	56.00	4	33.0	2	3	1					23.49	1,115.78
O1803	6.26	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.26	0.00
O1804	1.58	54	26U	13.30	5.00	44.70	31.40	11.40	15.70	47.10	5.50	0.00	0.80	1.40	55.60	5	21.0	1	3	1					1.58	74.42
O1808	10.93	118	26	21.80	7.50	14.20	11.00	14.80	20.50	31.50	3.50	1.40	0.00	1.00	40.50	2	37.0	5	3	1					10.93	344.30
O1809	4.09	48	31	31.70	10.00	37.80	26.50	9.90	13.00	39.50	1.10	0.00	0.60	1.00	51.00	5	18.0	1	3	1					4.09	161.56
O1813	4.14	42	31U	10.30	3.90	35.70	26.10	10.40	14.40	40.50	0.00	0.00	0.00	0.00	44.40	1	22.0	0	3	1					4.14	167.67
O1853	13.64	57	25	9.80	3.50	22.20	15.00	14.80	23.50	38.50	7.70	2.10	0.20	2.00	46.00	5	3.0	6	3	1					13.64	525.14
O1854	31.96	57	31	1.60	0.50	26.00	19.00	15.90	20.00	39.00	0.00	0.00	0.00	0.00	39.50	1	22.0	0	3	1					31.96	1,246.44
O2149	3.51	92	13	19.30	6.40	17.10	12.70	14.40	25.50	38.20	24.70	1.40	3.40	7.30	59.20	1	25.0	13	3	1					3.51	134.08
O2166	1.41	8	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.41	0.00
	127.54																				**0.00**	**0.00**	**7.73**	**343.99**	**119.81**	**4,188.67**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PROJECT REMOVALS	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
		PROJECT TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
0.00	**0.00**	**7.73**	**343.99**	**119.81**	**4,188.67**

Suitable and Potentially Suitable Acres	Suitable and Potentially Suitable BA
7.73	**343.99**

Total Manageable Potentially Contiguous Pine Habitat Acres	Total Manageable Potentially Contiguous Pine Habitat BA
127.54	**4,532.66**

Appendix E. Table 171. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **019-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O0901	8.03	86	26	61.70	16.50	14.30	11.00	12.40	20.00	31.00	18.90	7.20	2.90	9.00	62.00	7	29.0	3	1					8.03	248.93
O0904	1.69	86	26	61.70	16.50	14.30	11.00	12.40	20.00	31.00	18.90	7.20	2.90	9.00	62.00	7	29.0	3	1					1.69	52.39
O0910	9.55	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					9.55	0.00
O1930	13.17	79	26	55.30	15.50	18.60	14.00	11.60	15.00	29.00	10.60	5.20	2.80	8.00	56.00	1	24.0	3	1					13.17	381.93
O1936	5.52	109	26	77.70	22.90	16.60	11.00	2.30	3.30	14.30	4.50	0.00	0.00	0.00	38.60	2	18.0	3	1					5.52	78.94
O1939	0.00	48	22P	75.20	25.00	37.40	22.50	3.20	3.80	26.30	0.00	0.00	0.00	0.00	51.30	2	35.0	3	1					0.00	0.00
O1940	1.08	64	22P	71.70	23.30	20.20	13.30	5.80	6.70	20.00	43.60	0.00	0.00	0.00	53.30	4	30.0	3	1					1.08	21.60
O1942	41.15	96	11	22.90	7.50	10.70	7.50	6.60	10.00	17.50	16.30	4.80	4.80	11.00	41.00	7	15.0	3	1					41.15	720.13
O1943	42.13	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					42.13	0.00
O1944	3.33	4	21P	22.90	7.50	10.70	7.50	6.60	10.00	17.50	16.30	4.80	4.80	11.00	41.00	7	15.0	3	1					3.33	58.28
	125.65																			**0.00**	**0.00**	**0.00**	**0.00**	**125.65**	**1,562.20**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
22 = Slash Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PROJECT REMOVALS

Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
O1930	Ware Range Beaten Area					8.44	244.76
O1936						5.52	78.94
O1939						0.002	0.05
O1940						1.08	21.60
O1942						8.03	140.53
O1943						27.41	0.00
O1944						1.07	18.73
PROJECT TOTALS		**0.00**	**0.00**	**0.00**	**0.00**	**51.55**	**504.61**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
0.00	**0.00**	**0.00**	**0.00**	**74.10**	**1,057.59**

Suitable and Potentially Suitable Acres	Suitable and Potentially Suitable BA
0.00	**0.00**

Total Manageable Potentially Contiguous Pine Habitat Acres	Total Manageable Potentially Contiguous Pine Habitat BA
74.10	**1,057.59**

Appendix E. Table 172. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O19-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
O0901	8.03	86	26	61.70	16.50	14.30	11.00	12.40	20.00	31.00	18.90	7.20	2.90	9.00	62.00	7	29.0	27	3	1					8.03	248.93
O0904	1.69	86	26	61.70	16.50	14.30	11.00	12.40	20.00	31.00	18.90	7.20	2.90	9.00	62.00	7	29.0	27	3	1					1.69	52.39
O0910	9.55	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					9.55	0.00
O1930	13.17	79	26	55.30	15.50	18.60	14.00	11.60	15.00	29.00	10.60	5.20	2.80	8.00	56.00	1	24.0	21	3	1					13.17	381.93
O1936	5.52	109	26	77.70	22.90	16.60	11.00	2.30	3.30	14.30	4.50	0.00	0.00	0.00	38.60	2	18.0	0	3	1					5.52	78.94
O1939	0.00	48	22P	75.20	25.00	37.40	22.50	3.20	3.80	26.30	0.00	0.00	0.00	0.00	51.30	2	35.0	0	3	1					0.000	0.00
O1940	1.08	64	22P	71.70	23.30	20.20	13.30	5.80	6.70	20.00	43.60	0.00	0.00	0.00	53.30	4	30.0	0	3	1					1.08	21.60
O1942	41.15	96	11	22.90	7.50	10.70	7.50	6.60	10.00	17.50	16.30	4.80	4.80	11.00	41.00	7	15.0	36	3	1					41.15	720.13
O1943	42.13	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					42.13	0.00
O1944	3.33	4	21P	22.90	7.50	10.70	7.50	6.60	10.00	17.50	16.30	4.80	4.80	11.00	41.00	7	15.0	36	3	1					3.33	58.28
	125.65																				**0.00**	**0.00**	**0.00**	**0.00**	**125.65**	**1,562.20**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
22 = Slash Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	O1930	Ware Range Beaten Area					8.44	244.76
	O1936						5.52	78.94
	O1939						0.002	0.05
	O1940						1.08	21.60
	O1942						8.03	140.53
	O1943						27.41	0.00
	O1944						1.07	18.73
		PROJECT TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**51.55**	**504.61**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT							
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
0.00	**0.00**	**0.00**	**0.00**	**74.10**	**1,057.59**

Suitable and Potentially Suitable	
Acres	BA
0.00	**0.00**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
74.10	**1,057.59**

Appendix E. Table 173. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **019-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O1012	0.01	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.01	0.00
O1102	0.12	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.12	0.00
O1104	5.01	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.01	0.00
O1107	0.39	82	26	20.20	7.50	17.40	12.00	16.50	27.50	39.50	8.30	4.00	3.30	7.50	57.00	5	22.0	3	1	0.39	15.41				
O1108	2.84	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.84	0.00
O1109	7.31	67	31	29.30	10.00	34.90	24.40	12.70	17.80	42.20	7.20	7.50	2.00	8.90	63.30	1	27.0	3	1	7.31	308.48				
O1112	5.71	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.71	0.00
O1113	4.28	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					4.28	0.00
O1115	3.27	67	25	91.30	33.30	61.40	43.30	15.10	20.00	63.30	22.00	6.20	0.00	3.30	109.90	2	23.0	3	1			3.27	206.99		
O1818	2.16	71	26	59.70	16.00	17.50	12.50	11.80	19.50	32.00	0.00	0.00	0.50	0.50	48.50	1	27.0	3	1	2.16	69.12				
O1828	10.06	69	31U	54.30	15.00	34.10	22.10	10.50	17.90	40.00	0.00	0.00	0.30	0.70	55.70	1	31.0	3	1	10.06	402.40				
O1829	16.65	69	26	16.00	4.50	10.80	8.00	11.70	17.50	25.50	4.30	1.70	0.00	1.00	32.50	2	28.0	3	1					16.65	424.58
O1930	34.28	79	26	55.30	15.50	18.60	14.00	11.60	15.00	29.00	10.60	5.20	2.80	8.00	56.00	1	24.0	3	1					34.28	994.12
O1935	17.37	79	26U	55.30	15.50	18.60	14.00	11.60	15.00	29.00	10.60	5.20	2.80	8.00	56.00	1	24.0	3	1					17.37	503.73
O1942	13.43	96	11	22.90	7.50	10.70	7.50	6.60	10.00	17.50	16.30	4.80	4.80	11.00	41.00	7	15.0	3	1					13.43	235.03
O1946	7.23	49	31	10.90	4.70	31.40	22.70	5.30	7.30	30.00	0.00	0.00	0.90	2.00	36.70	5	0.0	3	1	7.23	216.90				
	130.12																			**27.15**	**1,012.31**	**3.27**	**206.99**	**99.70**	**2,157.46**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
11 = Eastern Red Cedar - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	O1930	Ware Range Beaten Area					3.25	94.25
		PROJECT TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**3.25**	**94.25**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
27.15	**1,012.31**	**3.27**	**206.99**	**96.45**	**2,063.21**

Suitable and Potentially Suitable Acres	Suitable and Potentially Suitable BA
30.42	**1,219.30**

Total Manageable Potentially Contiguous Pine Habitat Acres	Total Manageable Potentially Contiguous Pine Habitat BA
126.87	**3,282.51**

Appendix E. Table 174. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **019-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
O1012	0.01	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.01	0.00
O1102	0.12	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.12	0.00
O1104	5.01	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.01	0.00
O1107	0.39	82	26	20.20	7.50	17.40	12.00	16.50	27.50	39.50	8.30	4.00	3.30	7.50	57.00	5	22.0	18	3	1					0.39	15.41
O1108	2.84	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.84	0.00
O1109	7.31	67	31	29.30	10.00	34.90	24.40	12.70	17.80	42.20	7.20	7.50	2.00	8.90	63.30	1	27.0	17	3	1					7.31	308.48
O1112	5.71	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.71	0.00
O1113	4.28	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.28	0.00
O1115	3.27	67	25	91.30	33.30	61.40	43.30	15.10	20.00	63.30	22.00	6.20	0.00	3.30	109.90	2	23.0	7	3	1					3.27	206.99
O1818	2.16	71	26	59.70	16.00	17.50	12.50	11.80	19.50	32.00	0.00	0.00	0.50	0.50	48.50	1	27.0	2	3	1					2.16	69.12
O1828	10.06	69	31U	54.30	15.00	34.10	22.10	10.50	17.90	40.00	0.00	0.00	0.30	0.70	55.70	1	31.0	1	3	1					10.06	402.40
O1829	16.65	69	26	16.00	4.50	10.80	8.00	11.70	17.50	25.50	4.30	1.70	0.00	1.00	32.50	2	28.0	7	3	1					16.65	424.58
O1930	34.28	79	26	55.30	15.50	18.60	14.00	11.60	15.00	29.00	10.60	5.20	2.80	8.00	56.00	1	24.0	21	3	1					34.28	994.12
O1935	17.37	79	26U	55.30	15.50	18.60	14.00	11.60	15.00	29.00	10.60	5.20	2.80	8.00	56.00	1	24.0	21	3	1					17.37	503.73
O1942	13.43	96	11	22.90	7.50	10.70	7.50	6.60	10.00	17.50	16.30	4.80	4.80	11.00	41.00	7	15.0	36	3	1					13.43	235.03
O1946	7.23	49	31	10.90	4.70	31.40	22.70	5.30	7.30	30.00	0.00	0.00	0.90	2.00	36.70	5	0.0	2	3	1					7.23	216.90
	130.12																				**0.00**	**0.00**	**0.00**	**0.00**	**130.12**	**3,376.76**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
11 = Eastern Red Cedar - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PROJECT REMOVALS	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
	O1930	Ware Range Beaten Area					3.25	94.25
		PROJECT TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**3.25**	**94.25**

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
	0.00	**0.00**	**0.00**	**0.00**	**126.87**	**3,282.51**

Suitable and Potentially Suitable	
Acres	BA
0.00	**0.00**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
126.87	**3,282.51**

Appendix E. Table 175. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O21-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
K0604	0.20	50	25	10.60	4.00	31.10	22.00	13.80	20.50	42.50	2.20	0.60	1.50	4.00	51.00	1	28.0	3	1	0.20	8.50				
O2005	0.32	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.32	0.00
O2006	3.94	57	25	17.40	6.00	20.50	13.50	12.70	17.50	31.00	5.10	4.10	1.20	5.00	44.00	1	14.0	3	1	3.94	122.14				
O2101	3.82	65	26	19.10	5.00	9.40	7.50	19.80	32.50	40.00	0.00	0.00	0.00	0.00	45.00	1	22.0	3	1	3.82	152.80				
O2141	0.85	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.85	0.00
O2142	17.12	68	26U	48.90	13.00	14.10	10.50	9.60	14.50	25.00	1.90	0.90	0.30	1.00	39.50	4	22.0	3	1					17.12	428.00
O2143	57.43	70	25U	26.00	7.50	22.70	16.50	14.80	21.00	37.50	1.00	0.00	0.00	0.00	45.50	1	25.0	3	1	57.43	2,153.63				
O2148	36.09	55	25	43.20	12.00	39.40	27.00	12.80	18.00	45.00	7.00	3.10	1.30	3.50	63.00	4	28.0	3	1	36.09	1,624.05				
O2153	1.64	78	26	43.30	10.70	11.20	8.00	15.80	29.30	37.30	3.60	0.00	0.40	0.70	50.00	1	42.0	3	1	1.64	61.17				
O2154	28.70	59	31	19.90	6.00	28.20	20.50	22.00	33.00	53.50	1.90	0.90	1.10	2.50	62.50	1	30.0	3	1	28.70	1,535.45				
O2156	16.25	55	25	32.70	7.30	24.40	18.70	34.20	49.30	68.00	0.00	0.00	0.60	1.30	76.60	1	33.0	3	1	16.25	1,105.00				
O2161	1.23	75	26U	21.50	5.00	5.00	4.50	20.00	35.50	40.00	1.90	0.00	0.70	1.50	47.00	1	36.0	3	1	1.23	49.20				
O2162	2.89	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.89	0.00
O2163	3.61	53	31	14.50	5.70	4.30	2.90	15.30	25.70	28.60	6.60	0.00	0.00	0.00	35.70	1	29.0	3	1					3.61	103.25
O2190	11.18	65	31	49.50	14.50	11.90	9.00	17.40	25.00	34.00	6.90	5.20	1.30	5.00	55.50	5	26.0	3	1	11.18	380.12				
O2191	2.41	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.41	0.00
O3401	4.33	65	10	30.00	8.60	10.30	7.10	8.20	12.90	20.00	0.00	1.90	0.70	2.80	31.40	1	19.0	3	1					4.33	86.60
O3436	9.45	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					9.45	0.00
O3444	11.71	65	31	49.50	14.50	11.90	9.00	17.40	25.00	34.00	6.90	5.20	1.30	5.00	55.50	5	26.0	3	1	11.71	398.14				
O3468	0.00	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.00	0.00
RUTH18	25.88	51	31	36.70	11.50	23.50	15.50	13.60	20.50	36.00	1.40	1.70	0.00	1.00	49.00	2	22.0	3	1	25.88	931.68				
RUTH20	1.50	51	10	19.30	6.50	16.90	12.00	4.90	6.00	18.00	49.90	6.20	1.30	6.50	43.50	5	10.0	3	1					1.50	27.00
RUTH21	1.50	50	31	100.70	29.50	53.90	36.80	9.90	11.60	48.40	1.90	0.60	0.50	1.00	79.40	1	32.0	3	1			1.50	72.60		
	242.05																			**198.07**	**8,521.88**	**1.50**	**72.60**	**42.48**	**644.85**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
	Acres	BA	Acres	BA	Acres	BA
	198.07	**8,521.88**	**1.50**	**72.60**	**42.48**	**644.85**
	Suitable and Potentially Suitable					
	Acres		BA			
	199.57		**8,594.48**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	242.05		**9,239.33**			

Appendix E. Table 176. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O21-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
K0604	0.20	50	25	10.60	4.00	31.10	22.00	13.80	20.50	42.50	2.20	0.60	1.50	4.00	51.00	1	28.0	4	3	1					0.20	8.50
O2005	0.32	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.32	0.00
O2006	3.94	57	25	17.40	6.00	20.50	13.50	12.70	17.50	31.00	5.10	4.10	1.20	5.00	44.00	1	14.0	14	3	1					3.94	122.14
O2101	3.82	65	26	19.10	5.00	9.40	7.50	19.80	32.50	40.00	0.00	0.00	0.00	0.00	45.00	1	22.0	0	3	1			3.82	152.80		
O2141	0.85	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.85	0.00
O2142	17.12	68	26U	48.90	13.00	14.10	10.50	9.60	14.50	25.00	1.90	0.90	0.30	1.00	39.50	4	22.0	5	3	1					17.12	428.00
O2143	57.43	70	25U	26.00	7.50	22.70	16.50	14.80	21.00	37.50	1.00	0.00	0.00	0.00	45.50	1	25.0	0	3	1					57.43	2,153.63
O2148	36.09	55	25	43.20	12.00	39.40	27.00	12.80	18.00	45.00	7.00	3.10	1.30	3.50	63.00	4	28.0	8	3	1					36.09	1,624.05
O2153	1.64	78	26	43.30	10.70	11.20	8.00	15.80	29.30	37.30	3.60	0.00	0.40	0.70	50.00	1	42.0	1	3	1					1.64	61.17
O2154	28.70	59	31	19.90	6.00	28.20	20.50	22.00	33.00	53.50	1.90	0.90	1.10	2.50	62.50	1	30.0	4	3	1					28.70	1,535.45
O2156	16.25	55	25	32.70	7.30	24.40	18.70	34.20	49.30	68.00	0.00	0.00	0.60	1.30	76.60	1	33.0	1	3	1					16.25	1,105.00
O2161	1.23	75	26U	21.50	5.00	5.00	4.50	20.00	35.50	40.00	1.90	0.00	0.70	1.50	47.00	1	36.0	3	3	1			1.23	49.20		
O2162	2.89	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.89	0.00
O2163	3.61	53	31	14.50	5.70	4.30	2.90	15.30	25.70	28.60	6.60	0.00	0.00	0.00	35.70	1	29.0	0	3	1					3.61	103.25
O2190	11.18	65	31	49.50	14.50	11.90	9.00	17.40	25.00	34.00	6.90	5.20	1.30	5.00	55.50	5	26.0	18	3	1					11.18	380.12
O2191	2.41	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.41	0.00
O3401	4.33	65	10	30.00	8.60	10.30	7.10	8.20	12.90	20.00	0.00	1.90	0.70	2.80	31.40	1	19.0	12	3	1					4.33	86.60
O3436	9.45	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					9.45	0.00
O3444	11.71	65	31	49.50	14.50	11.90	9.00	17.40	25.00	34.00	6.90	5.20	1.30	5.00	55.50	5	26.0	18	3	1					11.71	398.14
O3468	0.00	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.00	0.00
RUTH18	25.88	51	31	36.70	11.50	23.50	15.50	13.60	20.50	36.00	1.40	1.70	0.00	1.00	49.00	2	22.0	4	3	1					25.88	931.68
RUTH20	1.50	51	10	19.30	6.50	16.90	12.00	4.90	6.00	18.00	49.90	6.20	1.30	6.50	43.50	5	10.0	26	3	1					1.50	27.00
RUTH21	1.50	50	31	100.70	29.50	53.90	36.80	9.90	11.60	48.40	1.90	0.60	0.50	1.00	79.40	1	32.0	2	3	1					1.50	72.60
	242.05																				**0.00**	**0.00**	**5.05**	**202.00**	**237.00**	**9,037.33**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	5.05	202.00	237.00	9,037.33
	Suitable and Potentially Suitable					
	Acres		BA			
	5.05		202.00			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	242.05		9,239.33			

Appendix E. Table 177. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O21-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O1801	6.76	53	31U	19.60	7.00	44.40	32.00	11.40	15.50	47.50	0.00	0.90	0.50	1.50	56.00	4	33.0	3	1	6.76	321.21				
O1804	13.59	54	26U	13.30	5.00	44.70	31.40	11.40	15.70	47.10	5.50	0.00	0.80	1.40	55.60	5	21.0	3	1	13.59	640.04				
O1805	14.90	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					14.90	0.00
O1809	4.20	48	31	31.70	10.00	37.80	26.50	9.90	13.00	39.50	1.10	0.00	0.60	1.00	51.00	5	18.0	3	1	4.20	165.98				
O1856	10.55	48	26	28.30	8.30	26.40	20.00	8.20	10.00	30.00	0.00	1.80	1.70	4.20	42.50	4	12.0	3	1	10.55	316.57				
O2005	13.62	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					13.62	0.00
O2006	5.64	57	25	17.40	6.00	20.50	13.50	12.70	17.50	31.00	5.10	4.10	1.20	5.00	44.00	1	14.0	3	1	5.64	174.78				
O2010	7.99	101	26	15.50	5.30	3.80	3.20	22.60	37.90	41.10	18.70	3.90	1.00	4.20	55.90	1	26.0	3	1	7.99	328.30				
O2016	1.65	20	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.65	0.00
O2143	12.27	70	25U	26.00	7.50	22.70	16.50	14.80	21.00	37.50	1.00	0.00	0.00	0.00	45.50	1	25.0	3	1	12.27	460.11				
O2146	2.93	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.93	0.00
O2152	44.83	78	26	15.30	4.50	5.50	4.50	11.40	20.00	24.50	1.30	0.60	3.60	7.50	37.00	1	30.0	3	1					44.83	1,098.32
O2153	12.89	78	26	43.30	10.70	11.20	8.00	15.80	29.30	37.30	3.60	0.00	0.40	0.70	50.00	1	42.0	3	1	12.89	480.70				
O2154	0.01	59	31	19.90	6.00	28.20	20.50	22.00	33.00	53.50	1.90	0.90	1.10	2.50	62.50	1	30.0	3	1	0.01	0.43				
O2160	20.15	57	31	8.90	3.00	12.70	9.50	12.10	19.50	29.00	2.60	3.80	2.90	8.50	41.50	1	31.0	3	1					20.15	584.44
O2161	19.03	75	26U	21.50	5.00	5.00	4.50	20.00	35.50	40.00	1.90	0.00	0.70	1.50	47.00	1	36.0	3	1	19.03	761.29				
O2166	3.83	8	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.83	0.00
	194.84																			**92.93**	**3,649.40**	**0.00**	**0.00**	**101.91**	**1,682.76**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

			Suitable		Potentially Suitable		Future Potential	
PROJECT REMOVALS	**Stand**	**Project Name and Number**	Acres	BA	Acres	BA	Acres	BA
	O2010	Brooks Range Beaten Area	0.32	13.15				
		PROJECT TOTALS	**0.32**	**13.15**	**0.00**	**0.00**	**0.00**	**0.00**

		Suitable		Potentially Suitable		Future Potential	
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	**Stand**	Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
92.61	**3,636.24**	**0.00**	**0.00**	**101.91**	**1,682.76**

Suitable and Potentially Suitable

Acres	BA
92.61	**3,636.24**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
194.52	**5,319.00**

Appendix E. Table 178. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O21-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
O1801	6.76	53	31U	19.60	7.00	44.40	32.00	11.40	15.50	47.50	0.00	0.90	0.50	1.50	56.00	4	33.0	2	3	1					6.76	321.21
O1804	13.59	54	26U	13.30	5.00	44.70	31.40	11.40	15.70	47.10	5.50	0.00	0.80	1.40	55.60	5	21.0	1	3	1					13.59	640.04
O1805	14.90	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					14.90	0.00
O1809	4.20	48	31	31.70	10.00	37.80	26.50	9.90	13.00	39.50	1.10	0.00	0.60	1.00	51.00	5	18.0	1	3	1					4.20	165.98
O1856	10.55	48	26	28.30	8.30	26.40	20.00	8.20	10.00	30.00	0.00	1.80	1.70	4.20	42.50	4	12.0	9	3	1					10.55	316.57
O2005	13.62	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					13.62	0.00
O2006	5.64	57	25	17.40	6.00	20.50	13.50	12.70	17.50	31.00	5.10	4.10	1.20	5.00	44.00	1	14.0	14	3	1					5.64	174.78
O2010	7.99	101	26	15.50	5.30	3.80	3.20	22.60	37.90	41.10	18.70	3.90	1.00	4.20	55.90	1	26.0	16	3	1			7.99	328.30		
O2016	1.65	20	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.65	0.00
O2143	12.27	70	25U	26.00	7.50	22.70	16.50	14.80	21.00	37.50	1.00	0.00	0.00	0.00	45.50	1	25.0	0	3	1					12.27	460.11
O2146	2.93	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.93	0.00
O2152	44.83	78	26	15.30	4.50	5.50	4.50	11.40	20.00	24.50	1.30	0.60	3.60	7.50	37.00	1	30.0	20	3	1					44.83	1,098.32
O2153	12.89	78	26	43.30	10.70	11.20	8.00	15.80	29.30	37.30	3.60	0.00	0.40	0.70	50.00	1	42.0	1	3	1					12.89	480.70
O2154	0.01	59	31	19.90	6.00	28.20	20.50	22.00	33.00	53.50	1.90	0.90	1.10	2.50	62.50	1	30.0	4	3	1					0.01	0.43
O2160	20.15	57	31	8.90	3.00	12.70	9.50	12.10	19.50	29.00	2.60	3.80	2.90	8.50	41.50	1	31.0	21	3	1					20.15	584.44
O2161	19.03	75	26U	21.50	5.00	5.00	4.50	20.00	35.50	40.00	1.90	0.00	0.70	1.50	47.00	1	36.0	3	3	1			19.03	761.29		
O2166	3.83	8	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.83	0.00
	194.84																				**0.00**	**0.00**	**27.02**	**1,089.58**	**167.82**	**4,242.57**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

			Suitable		Potentially Suitable		Future Potential	
			Acres	BA	Acres	BA	Acres	BA
PROJECT REMOVALS	**Stand**	**Project Name and Number**						
	O2010	Brooks Range Beaten Area			0.32	13.15		
		PROJECT TOTALS	**0.00**	**0.00**	**0.32**	**13.15**	**0.00**	**0.00**

		Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	**Stand**						
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
BASELINE TOTALS	**0.00**	**0.00**	**26.70**	**1,076.43**	**167.82**	**4,242.57**

Suitable and Potentially Suitable

Acres	BA
26.70	**1,076.43**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
194.52	**5,319.00**

Appendix E. Table 179. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O24-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O2406	11.59	48	26	26.10	9.00	23.00	16.50	8.90	12.00	28.50	4.60	1.00	0.90	1.50	40.50	1	28.0	3	1					11.59	330.32
O2409	1.64	48	26	22.80	7.50	18.00	13.00	6.50	8.50	21.50	2.30	1.60	1.60	3.50	33.50	1	29.0	3	1					1.64	35.26
O2411	26.31	101	26	12.90	3.50	5.90	4.50	11.30	17.00	21.50	9.70	3.00	0.70	3.00	30.00	5	20.0	3	1					26.31	565.67
O2412	2.17	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.17	0.00
O2413	15.53	86	25	1.10	0.50	1.70	1.00	15.30	25.50	26.50	25.50	4.60	2.20	6.50	39.00	1	24.0	3	1					15.53	411.55
O2415	0.48	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.48	0.00
O2416	0.004	55	25	22.00	7.50	40.50	29.50	16.30	20.00	49.50	1.20	5.30	2.30	7.00	64.50	1	20.0	3	1	0.004	0.20				
O2417	27.40	55	26	26.80	6.50	15.50	11.00	11.60	17.00	28.00	11.70	0.00	1.60	2.00	40.00	5	24.0	3	1					27.40	767.20
O2419	12.95	50	31	6.30	2.50	12.60	10.00	12.00	18.50	28.50	3.60	1.20	1.20	3.00	35.00	1	30.0	3	1					12.95	369.08
O2420	2.10	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.10	0.00
O2435	5.38	69	26	22.60	5.20	17.90	12.90	14.20	21.40	34.30	0.00	0.00	0.50	0.50	40.00	1	34.0	3	1	5.38	184.53				
	105.55																			**5.38**	**184.73**	**0.00**	**0.00**	**100.17**	**2,479.08**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
5.38	**184.73**	**0.00**	**0.00**	**100.17**	**2,479.08**

Suitable and Potentially Suitable	
Acres	BA
5.38	**184.73**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
105.55	**2,663.81**

Appendix E. Table 180. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O24-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O2406	11.59	48	26	26.10	9.00	23.00	16.50	8.90	12.00	28.50	4.60	1.00	0.90	1.50	40.50	1	28.0	6	3	1					11.59	330.32
O2409	1.64	48	26	22.80	7.50	18.00	13.00	6.50	8.50	21.50	2.30	1.60	1.60	3.50	33.50	1	29.0	12	3	1					1.64	35.26
O2411	26.31	101	26	12.90	3.50	5.90	4.50	11.30	17.00	21.50	9.70	3.00	0.70	3.00	30.00	5	20.0	18	3	1					26.31	565.67
O2412	2.17	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.17	0.00
O2413	15.53	86	25	1.10	0.50	1.70	1.00	15.30	25.50	26.50	25.50	4.60	2.20	6.50	39.00	1	24.0	29	3	1					15.53	411.55
O2415	0.48	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.48	0.00
O2416	0.00	55	25	22.00	7.50	40.50	29.50	16.30	20.00	49.50	1.20	5.30	2.30	7.00	64.50	1	20.0	12	3	1					0.00	0.00
O2417	27.40	55	26	26.80	6.50	15.50	11.00	11.60	17.00	28.00	11.70	0.00	1.60	2.00	40.00	5	24.0	6	3	1					27.40	767.20
O2419	12.95	50	31	6.30	2.50	12.60	10.00	12.00	18.50	28.50	3.60	1.20	1.20	3.00	35.00	1	30.0	9	3	1					12.95	369.08
O2420	2.10	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.10	0.00
O2435	5.38	69	26	22.60	5.20	17.90	12.90	14.20	21.40	34.30	0.00	0.00	0.50	0.50	40.00	1	34.0	2	3	1					5.38	184.53
	105.55																				**0.00**	**0.00**	**0.00**	**0.00**	**105.55**	**2,663.61**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	0.00	0.00	105.55	2,663.61

Suitable and Potentially Suitable	
Acres	BA
0.00	0.00

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
105.55	2,663.61

Appendix E. Table 181. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O24-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potentia	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O1614	22.63	47	31	12.10	4.00	29.90	21.00	16.30	24.00	45.00	0.00	2.10	0.40	2.00	51.00	1	24.0	3	1	22.63	1,018.35				
O1621	12.12	69	25	4.00	1.70	25.40	17.50	17.90	25.00	42.50	9.90	1.30	0.00	0.80	47.50	1	36.0	3	1	12.12	515.10				
O1623	19.68	47	25	50.50	16.00	22.80	15.00	5.30	7.00	22.00	2.90	0.00	0.00	0.00	39.00	1	32.0	3	1					19.68	432.96
O1626	1.21	17	21P	16.70	4.00	10.80	8.00	3.50	5.00	13.00	10.40	3.70	3.40	8.00	28.00	4	28.0	3	1					1.21	15.73
O1627	4.00	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					4.00	0.00
O1628	3.03	62	26	26.20	6.30	21.60	15.80	12.20	16.80	32.60	0.00	2.10	1.20	3.70	42.60	4	20.0	3	1	3.03	98.78				
O2409	0.00	48	26	22.80	7.50	18.00	13.00	6.50	8.50	21.50	2.30	1.60	1.60	3.50	33.50	1	29.0	3	1					0.00	0.00
O2417	14.05	55	26	26.80	6.50	15.50	11.00	11.60	17.00	28.00	11.70	0.00	1.60	2.00	40.00	5	24.0	3	1					14.05	393.40
O2420	3.37	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.37	0.00
O2422	25.13	69	26	6.00	2.50	27.50	20.50	13.50	17.00	37.50	4.50	0.80	0.00	0.50	41.50	1	33.0	3	1	25.13	942.38				
O2435	12.45	69	26	22.60	5.20	17.90	12.90	14.20	21.40	34.30	0.00	0.00	0.50	0.50	40.00	1	34.0	3	1	12.45	427.04				
O2436	8.78	69	26	22.60	5.20	17.90	12.90	14.20	21.40	34.30	0.00	0.00	0.50	0.50	40.00	1	34.0	3	1	8.78	301.15				
	126.45																			**84.14**	**3,302.80**	**0.00**	**0.00**	**42.31**	**842.09**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability requirements

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	84.14	3,302.80	0.00	0.00	42.31	842.09

Suitable and Potentially Suitable	
Acres	BA
84.14	3,302.80

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
126.45	4,144.89

Appendix E. Table 182. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O24-B,** Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O1614	22.63	47	31	12.10	4.00	29.90	21.00	16.30	24.00	45.00	0.00	2.10	0.40	2.00	51.00	1	24.0	5	3	1					22.63	1,018.35
O1621	12.12	69	25	4.00	1.70	25.40	17.50	17.90	25.00	42.50	9.90	1.30	0.00	0.80	47.50	1	36.0	3	3	1					12.12	515.10
O1623	19.68	47	25	50.50	16.00	22.80	15.00	5.30	7.00	22.00	2.90	0.00	0.00	0.00	39.00	1	32.0	0	3	1					19.68	432.96
O1626	1.21	17	21P	16.70	4.00	10.80	8.00	3.50	5.00	13.00	10.40	3.70	3.40	8.00	28.00	4	28.0	33	3	1					1.21	15.73
O1627	4.00	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.00	0.00
O1628	3.03	62	26	26.20	6.30	21.60	15.80	12.20	16.80	32.60	0.00	2.10	1.20	3.70	42.60	4	20.0	9	3	1					3.03	98.78
O2409	0.00	48	26	22.80	7.50	18.00	13.00	6.50	8.50	21.50	2.30	1.60	1.60	3.50	33.50	1	29.0	12	3	1					0.00	0.00
O2417	14.05	55	26	26.80	6.50	15.50	11.00	11.60	17.00	28.00	11.70	0.00	1.60	2.00	40.00	5	24.0	6	3	1					14.05	393.40
O2420	3.37	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.37	0.00
O2422	25.13	69	26	6.00	2.50	27.50	20.50	13.50	17.00	37.50	4.50	0.80	0.00	0.50	41.50	1	33.0	2	3	1					25.13	942.38
O2435	12.45	69	26	22.60	5.20	17.90	12.90	14.20	21.40	34.30	0.00	0.00	0.50	0.50	40.00	1	34.0	2	3	1					12.45	427.04
O2436	8.78	69	26	22.60	5.20	17.90	12.90	14.20	21.40	34.30	0.00	0.00	0.50	0.50	40.00	1	34.0	2	3	1					8.78	301.15
	126.45																				**0.00**	**0.00**	**0.00**	**0.00**	**126.45**	**4,144.89**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	0.00	0.00	126.45	4,144.89

Suitable and Potentially Suitable	
Acres	BA
0.00	0.00

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
126.45	4,144.89

Appendix E. Table 183. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O24-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O2401	11.64	45	26	27.40	7.50	18.00	12.50	8.00	10.50	23.00	8.70	2.60	0.30	2.50	35.00	1	26.0	3	1					11.64	267.72
O2403	10.85	70	26	10.90	3.00	10.10	7.50	5.40	8.00	15.50	9.50	5.70	2.30	6.50	28.00	5	30.0	3	1					10.85	168.18
O2404	1.12	49	26	52.40	14.50	18.40	12.50	4.20	5.50	18.00	3.30	2.20	0.00	1.50	35.00	1	24.0	3	1					1.12	20.16
O2405	36.28	56	26	35.90	10.00	11.70	8.20	6.10	8.80	17.00	11.70	5.10	0.00	3.50	34.00	5	38.0	3	1					36.28	616.76
O2406	22.37	48	26	26.10	9.00	23.00	16.50	8.90	12.00	28.50	4.60	1.00	0.90	1.50	40.50	1	28.0	3	1					22.37	637.55
O2410	0.42	90	26	6.00	1.50	9.20	7.00	24.50	40.00	47.00	5.50	0.70	1.70	3.00	52.50	1	20.0	3	1	0.42	19.74				
O2411	15.46	101	26	12.90	3.50	5.90	4.50	11.30	17.00	21.50	9.70	3.00	0.70	3.00	30.00	5	20.0	3	1					15.46	332.39
O2417	8.74	55	26	26.80	6.50	15.50	11.00	11.60	17.00	28.00	11.70	0.00	1.60	2.00	40.00	5	24.0	3	1					8.74	244.72
O2735	2.71	20	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.71	0.00
O2739	1.03	49	26	32.30	11.00	17.40	12.00	10.80	18.00	30.00	0.00	0.00	0.90	1.00	42.00	1	35.0	3	1	1.03	30.90				
O2741	14.94	55	25	65.90	16.50	19.50	13.50	9.20	14.00	27.50	8.60	3.40	0.00	2.00	48.50	1	24.0	3	1					14.94	410.85
	125.56																			**1.45**	**50.64**	**0.00**	**0.00**	**124.11**	**2,698.33**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
1.45	**50.64**	**0.00**	**0.00**	**124.11**	**2,698.33**

Suitable and Potentially Suitable	
Acres	BA
1.45	**50.64**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
125.56	**2,748.97**

Appendix E. Table 184. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O24-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O2401	11.64	45	26	27.40	7.50	18.00	12.50	8.00	10.50	23.00	8.70	2.60	0.30	2.50	35.00	1	26.0	10	3	1					11.64	267.72
O2403	10.85	70	26	10.90	3.00	10.10	7.50	5.40	8.00	15.50	9.50	5.70	2.30	6.50	28.00	5	30.0	34	3	1					10.85	168.18
O2404	1.12	49	26	52.40	14.50	18.40	12.50	4.20	5.50	18.00	3.30	2.20	0.00	1.50	35.00	1	24.0	9	3	1					1.12	20.16
O2405	36.28	56	26	35.90	10.00	11.70	8.20	6.10	8.80	17.00	11.70	5.10	0.00	3.50	34.00	5	38.0	22	3	1					36.28	616.76
O2406	22.37	48	26	26.10	9.00	23.00	16.50	8.90	12.00	28.50	4.60	1.00	0.90	1.50	40.50	1	28.0	6	3	1					22.37	637.55
O2410	0.42	90	26	6.00	1.50	9.20	7.00	24.50	40.00	47.00	5.50	0.70	1.70	3.00	52.50	1	20.0	7	3	1	0.42	19.74				
O2411	15.46	101	26	12.90	3.50	5.90	4.50	11.30	17.00	21.50	9.70	3.00	0.70	3.00	30.00	5	20.0	18	3	1					15.46	332.39
O2417	8.74	55	26	26.80	6.50	15.50	11.00	11.60	17.00	28.00	11.70	0.00	1.60	2.00	40.00	5	24.0	6	3	1					8.74	244.72
O2735	2.71	20	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.71	0.00
O2739	1.03	49	26	32.30	11.00	17.40	12.00	10.80	18.00	30.00	0.00	0.00	0.90	1.00	42.00	1	35.0	3	3	1					1.03	30.90
O2741	14.94	55	25	65.90	16.50	19.50	13.50	9.20	14.00	27.50	8.60	3.40	0.00	2.00	48.50	1	24.0	11	3	1					14.94	410.85
	125.56																				**0.00**	**0.00**	**0.42**	**19.74**	**125.14**	**2,729.23**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**0.42**	**19.74**	**125.14**	**2,729.23**

Suitable and Potentially Suitable	
Acres	BA
0.42	**19.74**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
125.56	**2,748.97**

Appendix E. Table 185. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O24-D**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O1523	12.69	25	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					12.69	0.00
O1530	2.11	20	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.11	0.00
O1547	11.86	48	26	25.50	9.50	29.90	20.50	8.30	10.50	31.00	3.90	0.00	0.30	0.50	42.00	1	32.0	3	1	11.86	367.66				
O2401	0.63	45	26	27.40	7.50	18.00	12.50	8.00	10.50	23.00	8.70	2.60	0.30	2.50	35.00	1	26.0	3	1					0.63	14.49
O2403	8.48	70	26	10.90	3.00	10.10	7.50	5.40	8.00	15.50	9.50	5.70	2.30	6.50	28.00	5	30.0	3	1					8.48	131.44
O2404	16.87	49	26	52.40	14.50	18.40	12.50	4.20	5.50	18.00	3.30	2.20	0.00	1.50	35.00	1	24.0	3	1					16.87	303.66
O2405	10.64	56	26	35.90	10.00	11.70	8.20	6.10	8.80	17.00	11.70	5.10	0.00	3.50	34.00	5	38.0	3	1					10.64	180.88
O2408	14.43	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					14.43	0.00
O2409	12.62	48	26	22.80	7.50	18.00	13.00	6.50	8.50	21.50	2.30	1.60	1.60	3.50	33.50	1	29.0	3	1					12.62	271.33
O2410	13.15	90	26	6.00	1.50	9.20	7.00	24.50	40.00	47.00	5.50	0.70	1.70	3.00	52.50	1	20.0	3	1	13.15	618.05				
O2411	1.28	101	26	12.90	3.50	5.90	4.50	11.30	17.00	21.50	9.70	3.00	0.70	3.00	30.00	5	20.0	3	1					1.28	27.52
O2416	12.44	55	25	22.00	7.50	40.50	29.50	16.30	20.00	49.50	1.20	5.30	2.30	7.00	64.50	1	20.0	3	1	12.44	615.78				
O2417	4.04	55	26	26.80	6.50	15.50	11.00	11.60	17.00	28.00	11.70	0.00	1.60	2.00	40.00	5	24.0	3	1					4.04	113.12
O2613	0.49	61	26	51.50	15.60	22.20	16.30	6.80	9.40	25.70	18.30	0.80	0.00	0.60	46.30	1	25.0	3	1					0.49	12.59
O2614	0.73	48	26	27.30	8.50	38.00	28.00	11.30	13.00	41.00	1.50	0.00	0.20	0.50	50.50	1	26.0	3	1	0.73	29.93				
O2617	1.90	48	26	51.70	13.60	23.80	16.40	4.70	6.40	22.80	3.80	0.00	0.00	0.00	37.10	5	46.0	3	1					1.90	43.32
	124.36																			**38.18**	**1,631.42**	**0.00**	**0.00**	**86.18**	**1,098.35**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	38.18	1,631.42	0.00	0.00	86.18	1,098.35
	Suitable and Potentially Suitable					
	Acres		BA			
	38.18		1,631.42			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	124.36		2,729.77			

Appendix E. Table 186. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O24-D**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
O1523	12.69	25	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					12.69	0.00
O1530	2.11	20	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.11	0.00
O1547	11.86	48	26	25.50	9.50	29.90	20.50	8.30	10.50	31.00	3.90	0.00	0.30	0.50	42.00	1	32.0	1	3	1					11.86	367.66
O2401	0.63	45	26	27.40	7.50	18.00	12.50	8.00	10.50	23.00	8.70	2.60	0.30	2.50	35.00	1	26.0	10	3	1					0.63	14.49
O2403	8.48	70	26	10.90	3.00	10.10	7.50	5.40	8.00	15.50	9.50	5.70	2.30	6.50	28.00	5	30.0	34	3	1					8.48	131.44
O2404	16.87	49	26	52.40	14.50	18.40	12.50	4.20	5.50	18.00	3.30	2.20	0.00	1.50	35.00	1	24.0	9	3	1					16.87	303.66
O2405	10.64	56	26	35.90	10.00	11.70	8.20	6.10	8.80	17.00	11.70	5.10	0.00	3.50	34.00	5	38.0	22	3	1					10.64	180.88
O2408	14.43	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					14.43	0.00
O2409	12.62	48	26	22.80	7.50	18.00	13.00	6.50	8.50	21.50	2.30	1.60	1.60	3.50	33.50	1	29.0	12	3	1					12.62	271.33
O2410	13.15	90	26	6.00	1.50	9.20	7.00	24.50	40.00	47.00	5.50	0.70	1.70	3.00	52.50	1	20.0	7	3	1	13.15	618.05				
O2411	1.28	101	26	12.90	3.50	5.90	4.50	11.30	17.00	21.50	9.70	3.00	0.70	3.00	30.00	5	20.0	18	3	1					1.28	27.52
O2416	12.44	55	25	22.00	7.50	40.50	29.50	16.30	20.00	49.50	1.20	5.30	2.30	7.00	64.50	1	20.0	12	3	1					12.44	615.78
O2417	4.04	55	26	26.80	6.50	15.50	11.00	11.60	17.00	28.00	11.70	0.00	1.60	2.00	40.00	5	24.0	6	3	1					4.04	113.12
O2613	0.49	61	26	51.50	15.60	22.20	16.30	6.80	9.40	25.70	18.30	0.80	0.00	0.60	46.30	1	25.0	3	3	1					0.49	12.59
O2614	0.73	48	26	27.30	8.50	38.00	28.00	11.30	13.00	41.00	1.50	0.00	0.20	0.50	50.50	1	26.0	0	3	1					0.73	29.93
O2617	1.90	48	26	51.70	13.60	23.80	16.40	4.70	6.40	22.80	3.80	0.00	0.00	0.00	37.10	5	46.0	0	3	1					1.90	43.32
	124.36																				**0.00**	**0.00**	**13.15**	**618.05**	**111.21**	**2,111.72**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	13.15	618.05	111.21	2,111.72

Suitable and Potentially Suitable	
Acres	BA
13.15	618.05

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
124.36	2,729.77

Appendix E. Table 187. Red-cockaded woodpecker foraging habitat totals and habitat removals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O25-A,** Fort Be Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
N0601	24.29	77	26	21.70	5.00	6.20	4.50	19.90	31.50	36.00	18.00	7.60	5.00	12.50	60.00	4	14.0	3	1			24.29	874.44		
N0602	5.16	77	26	50.50	15.70	35.50	24.30	9.60	12.90	37.20	0.00	2.20	0.00	1.40	54.30	4	23.0	3	1	5.16	191.95				
N0603	12.79	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					12.79	0.00
N0604	6.56	77	26	45.10	11.70	11.00	8.30	14.50	27.50	35.80	14.00	2.30	0.70	3.40	55.10	2	24.0	3	1	6.56	234.85				
N0606	15.92	62	26	13.50	5.00	17.10	12.50	21.30	34.50	47.00	0.00	4.90	1.10	5.50	57.50	4	22.0	3	1	15.92	748.24				
N0607	6.80	45	25	13.80	5.00	23.00	17.00	15.10	20.00	37.00	21.20	3.10	0.70	3.00	51.00	5	31.0	3	1					6.80	251.60
N0717	11.96	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					11.96	0.00
N0718	1.74	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.74	0.00
N0721	1.69	49	22P	80.20	20.50	32.90	22.50	12.90	16.50	39.00	0.00	0.00	0.00	0.00	59.50	2	34.0	3	1			1.69	65.91		
N0802	0.04	81	21	6.30	1.80	7.30	5.30	34.60	55.90	61.20	0.00	0.00	0.00	0.00	63.00	4	18.0	3	1	0.04	2.45				
N0805	0.32	60	26	16.80	5.00	15.00	11.70	14.80	20.00	31.70	0.00	2.80	0.00	1.70	38.40	4	13.0	3	1	0.32	10.14				
N0806	3.93	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.93	0.00
N0807	1.81	69	26	25.60	7.90	21.20	15.70	11.10	18.60	34.30	5.70	3.20	0.60	3.50	47.10	4	18.0	3	1	1.81	62.08				
N0810	30.67	85	21	34.00	7.50	8.70	6.50	29.10	47.50	54.00	0.00	2.60	1.10	3.00	64.50	5	16.0	3	1	30.67	1,656.18				
N0811	14.25	60	26	8.80	3.30	13.50	10.00	15.00	22.00	32.00	1.70	0.00	0.00	0.00	36.00	1	20.0	3	1	14.25	456.00				
N0812	7.83	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					7.83	0.00
N0813	9.14	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					9.14	0.00
N0814	16.53	91	25	47.80	12.60	22.50	16.80	18.20	28.40	45.20	10.90	4.90	2.20	7.40	68.90	7	14.0	3	1			16.53	747.16		
O2504	11.51	52	26	25.10	6.70	29.20	20.00	12.90	18.30	38.30	6.90	4.00	1.60	4.20	51.70	4	11.0	3	1	11.51	440.83				
O2505	42.58	52	26	35.40	11.00	24.00	18.50	16.80	26.50	45.00	2.20	0.00	0.00	0.00	56.50	4	24.0	3	1	42.58	1,916.10				
O2506	14.98	53	25	39.50	13.30	36.40	24.00	10.50	13.30	37.30	17.80	0.90	0.00	0.70	57.30	4	22.0	3	1	14.98	558.75				
O2510	19.88	45	31	9.90	3.50	28.20	20.00	16.50	23.00	43.00	3.70	0.80	1.10	2.50	50.00	5	25.0	3	1	19.88	854.84				
O2515	0.02	45	31	35.00	10.00	39.70	29.40	17.00	24.40	53.80	2.20	3.90	1.00	3.90	68.30	5	20.0	3	1	0.02	1.08				
	260.40																			**163.70**	**7,133.49**	**42.51**	**1,687.51**	**54.19**	**251.60**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	163.70	7,133.49	42.51	1,687.51	54.19	251.60

Suitable and Potentially Suitable	
Acres	BA
206.21	8,821.00

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
260.40	9,072.60

Appendix E. Table 188. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O25-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
N0601	24.29	77	26	21.70	5.00	6.20	4.50	19.90	31.50	36.00	18.00	7.60	5.00	12.50	60.00	4	14.0	33	3	1			24.29	874.44		
N0602	5.16	77	26	50.50	15.70	35.50	24.30	9.60	12.90	37.20	0.00	2.20	0.00	1.40	54.30	4	23.0	5	3	1					5.16	191.95
N0603	12.79	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					12.79	0.00
N0604	6.56	77	26	45.10	11.70	11.00	8.30	14.50	27.50	35.80	14.00	2.30	0.70	3.40	55.10	2	24.0	11	3	1					6.56	234.85
N0606	15.92	62	26	13.50	5.00	17.10	12.50	21.30	34.50	47.00	0.00	4.90	1.10	5.50	57.50	4	22.0	14	3	1			15.92	748.24		
N0607	6.80	45	25	13.80	5.00	23.00	17.00	15.10	20.00	37.00	21.20	3.10	0.70	3.00	51.00	5	31.0	9	3	1					6.80	251.60
N0717	11.96	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					11.96	0.00
N0718	1.74	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.74	0.00
N0721	1.69	49	22P	80.20	20.50	32.90	22.50	12.90	16.50	39.00	0.00	0.00	0.00	0.00	59.50	2	34.0	0	3	1					1.69	65.91
N0802	0.04	81	21	6.30	1.80	7.30	5.30	34.60	55.90	61.20	0.00	0.00	0.00	0.00	63.00	4	18.0	0	3	1			0.04	2.45		
N0805	0.32	60	26	16.80	5.00	15.00	11.70	14.80	20.00	31.70	0.00	2.80	0.00	1.70	38.40	4	13.0	9	3	1					0.32	10.14
N0806	3.93	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.93	0.00
N0807	1.81	69	26	25.60	7.90	21.20	15.70	11.10	18.60	34.30	5.70	3.20	0.60	3.50	47.10	4	18.0	11	3	1					1.81	62.08
N0810	30.67	85	21	34.00	7.50	8.70	6.50	29.10	47.50	54.00	0.00	2.60	1.10	3.00	64.50	5	16.0	9	3	1			30.67	1,656.18		
N0811	14.25	60	26	8.80	3.30	13.50	10.00	15.00	22.00	32.00	1.70	0.00	0.00	0.00	36.00	1	20.0	0	3	1					14.25	456.00
N0812	7.83	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					7.83	0.00
N0813	9.14	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					9.14	0.00
N0814	16.53	91	25	47.80	12.60	22.50	16.80	18.20	28.40	45.20	10.90	4.90	2.20	7.40	68.90	7	14.0	15	3	1			16.53	747.16		
O2504	11.51	52	26	25.10	6.70	29.20	20.00	12.90	18.30	38.30	6.90	4.00	1.60	4.20	51.70	4	11.0	12	3	1					11.51	440.83
O2505	42.58	52	26	35.40	11.00	24.00	18.50	16.80	26.50	45.00	2.20	0.00	0.00	0.00	56.50	4	24.0	0	3	1					42.58	1,916.10
O2506	14.98	53	25	39.50	13.30	36.40	24.00	10.50	13.30	37.30	17.80	0.90	0.00	0.70	57.30	4	22.0	2	3	1					14.98	558.75
O2510	19.88	45	31	9.90	3.50	28.20	20.00	16.50	23.00	43.00	3.70	0.80	1.10	2.50	50.00	5	25.0	4	3	1					19.88	854.84
O2515	0.02	45	31	35.00	10.00	39.70	29.40	17.00	24.40	53.80	2.20	3.90	1.00	3.90	68.30	5	20.0	8	3	1					0.02	1.08
	260.40																				**0.00**	**0.00**	**87.45**	**4,028.47**	**172.95**	**5,044.13**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	87.45	4,028.47	172.95	5,044.13

Suitable and Potentially Suitable	
Acres	BA
87.45	4,028.47

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
260.40	9,072.60

Appendix E. Table 189. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O25-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O1523	4.27	25	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					4.27	0.00
O1547	24.81	48	26	25.50	9.50	29.90	20.50	8.30	10.50	31.00	3.90	0.00	0.30	0.50	42.00	1	32.0	3	1	24.81	769.11				
O1555	12.08	51	31	26.60	7.00	19.70	15.50	18.50	25.50	41.00	2.10	1.30	0.50	1.50	50.50	2	32.0	3	1	12.08	495.28				
O2506	2.09	53	25	39.50	13.30	36.40	24.00	10.50	13.30	37.30	17.80	0.90	0.00	0.70	57.30	4	22.0	3	1	2.09	77.96				
O2510	2.11	45	31	9.90	3.50	28.20	20.00	16.50	23.00	43.00	3.70	0.80	1.10	2.50	50.00	5	25.0	3	1	2.11	90.73				
O2515	14.20	45	31	35.00	10.00	39.70	29.40	17.00	24.40	53.80	2.20	3.90	1.00	3.90	68.30	5	20.0	3	1	14.20	763.96				
O2552	0.67	45	31	41.70	12.00	26.70	19.00	14.20	19.50	38.50	0.00	0.00	0.40	0.50	51.00	1	42.0	3	1	0.67	25.80				
O2554	1.90	46	10	31.80	9.00	19.50	13.00	8.10	12.50	25.50	26.70	5.20	1.90	6.00	47.00	6	19.0	3	1					1.90	48.45
O2606	4.52	53	26	25.10	10.00	24.70	18.00	4.00	6.00	24.00	9.50	0.00	4.10	6.00	42.00	5	24.0	3	1					4.52	108.48
O2611	31.86	47	26	37.70	11.00	16.90	11.50	4.60	6.00	17.50	0.00	0.70	0.00	0.50	29.00	4	24.0	3	1					31.86	557.55
O2612	9.04	47	22P	129.80	34.40	17.80	11.90	13.20	18.80	30.70	3.30	0.00	1.20	1.90	68.30	1	28.0	3	1			9.04	277.53		
O2613	5.51	61	26	51.50	15.60	22.20	16.30	6.80	9.40	25.70	18.30	0.80	0.00	0.60	46.30	1	25.0	3	1					5.51	141.61
O2614	19.12	48	26	27.30	8.50	38.00	28.00	11.30	13.00	41.00	1.50	0.00	0.20	0.50	50.50	1	26.0	3	1	19.12	783.92				
O2615	3.74	45	31	21.70	10.00	52.70	35.00	18.40	25.00	60.00	0.00	0.00	4.70	5.00	75.00	5	20.0	3	1	3.74	224.40				
O2620	7.44	46	26	57.60	17.80	33.80	23.30	8.30	13.30	36.60	9.00	7.70	0.00	5.60	63.30	5	14.0	3	1	7.44	272.30				
O2621	37.95	48	26	39.70	11.00	13.30	9.00	9.60	13.50	22.50	13.20	1.70	1.50	3.00	40.50	5	22.0	3	1					37.95	853.88
O2622	12.35	48	26	96.70	32.50	38.60	24.20	8.50	10.80	35.00	2.70	0.90	0.00	0.80	69.10	1	27.0	3	1			12.35	432.25		
O2627	12.81	51	31	10.60	2.30	22.70	16.90	23.20	31.50	48.40	10.20	0.00	0.40	0.80	54.60	1	26.0	3	1	12.81	620.00				
	206.47																			**99.07**	**4,123.46**	**21.39**	**709.78**	**86.01**	**1,709.97**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	99.07	**4,123.46**	**21.39**	**709.78**	**86.01**	**1,709.97**
	Suitable and Potentially Suitable					
	Acres		BA			
	120.46		**4,833.24**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	206.47		**6,543.21**			

Appendix E. Table 190. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O25-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
O1523	4.27	25	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.27	0.00
O1547	24.81	48	26	25.50	9.50	29.90	20.50	8.30	10.50	31.00	3.90	0.00	0.30	0.50	42.00	1	32.0	1	3	1					24.81	769.11
O1555	12.08	51	31	26.60	7.00	19.70	15.50	18.50	25.50	41.00	2.10	1.30	0.50	1.50	50.50	2	32.0	5	3	1					12.08	495.28
O2506	2.09	53	25	39.50	13.30	36.40	24.00	10.50	13.30	37.30	17.80	0.90	0.00	0.70	57.30	4	22.0	2	3	1					2.09	77.96
O2510	2.11	45	31	9.90	3.50	28.20	20.00	16.50	23.00	43.00	3.70	0.80	1.10	2.50	50.00	5	25.0	4	3	1					2.11	90.73
O2515	14.20	45	31	35.00	10.00	39.70	29.40	17.00	24.40	53.80	2.20	3.90	1.00	3.90	68.30	5	20.0	8	3	1					14.20	763.96
O2552	0.67	45	31	41.70	12.00	26.70	19.00	14.20	19.50	38.50	0.00	0.00	0.40	0.50	51.00	1	42.0	1	3	1					0.67	25.80
O2554	1.90	46	10	31.80	9.00	19.50	13.00	8.10	12.50	25.50	26.70	5.20	1.90	6.00	47.00	6	19.0	20	3	1					1.90	48.45
O2606	4.52	53	26	25.10	10.00	24.70	18.00	4.00	6.00	24.00	9.50	0.00	4.10	6.00	42.00	5	24.0	13	3	1					4.52	108.48
O2611	31.86	47	26	37.70	11.00	16.90	11.50	4.60	6.00	17.50	0.00	0.70	0.00	0.50	29.00	4	24.0	3	3	1					31.86	557.55
O2612	9.04	47	22P	129.80	34.40	17.80	11.90	13.20	18.80	30.70	3.30	0.00	1.20	1.90	68.30	1	28.0	4	3	1					9.04	277.53
O2613	5.51	61	26	51.50	15.60	22.20	16.30	6.80	9.40	25.70	18.30	0.80	0.00	0.60	46.30	1	25.0	3	3	1					5.51	141.61
O2614	19.12	48	26	27.30	8.50	38.00	28.00	11.30	13.00	41.00	1.50	0.00	0.20	0.50	50.50	1	26.0	0	3	1					19.12	783.92
O2615	3.74	45	31	21.70	10.00	52.70	35.00	18.40	25.00	60.00	0.00	0.00	4.70	5.00	75.00	5	20.0	6	3	1					3.74	224.40
O2620	7.44	46	26	57.60	17.80	33.80	23.30	8.30	13.30	36.60	9.00	7.70	0.00	5.60	63.30	5	14.0	15	3	1					7.44	272.30
O2621	37.95	48	26	39.70	11.00	13.30	9.00	9.60	13.50	22.50	13.20	1.70	1.50	3.00	40.50	5	22.0	12	3	1					37.95	853.88
O2622	12.35	48	26	96.70	32.50	38.60	24.20	8.50	10.80	35.00	2.70	0.90	0.00	0.80	69.10	1	27.0	2	3	1					12.35	432.25
O2627	12.81	51	31	10.60	2.30	22.70	16.90	23.20	31.50	48.40	10.20	0.00	0.40	0.80	54.60	1	26.0	1	3	1					12.81	620.00
	206.47																				**0.00**	**0.00**	**0.00**	**0.00**	**206.47**	**6,543.21**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	0.00	0.00	206.47	6,543.21

Suitable and Potentially Suitable	
Acres	BA
0.00	0.00

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
206.47	6,543.21

Appendix E. Table 191. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O26-A,** Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
N0801	1.01	81.00	26	12.10	3.80	5.60	4.60	22.50	33.80	38.40	0.00	0.00	0.80	0.80	43.00	4.00	21.00	3.00	1.00	1.01	38.78				
N0802	3.72	81.00	21	6.30	1.80	7.30	5.30	34.60	55.90	61.20	0.00	0.00	0.00	0.00	63.00	4.00	18.00	3.00	1.00	3.72	227.93				
N0803	10.00	9.00	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.00					10.00	0.00
N0804	2.30	11.00	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.00					2.30	0.00
N0807	11.73	69.00	26	25.60	7.90	21.20	15.70	11.10	18.60	34.30	5.70	3.20	0.60	3.50	47.10	4.00	18.00	3.00	1.00	11.73	402.45				
N0811	0.06	60.00	26	8.80	3.30	13.50	10.00	15.00	22.00	32.00	1.70	0.00	0.00	0.00	36.00	1.00	20.00	3.00	1.00	0.06	1.91				
N0812	1.82	9.00	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.00					1.82	0.00
O2505	4.57	52.00	26	35.40	11.00	24.00	18.50	16.80	26.50	45.00	2.20	0.00	0.00	0.00	56.50	4.00	24.00	3.00	1.00	4.57	205.69				
O2506	9.84	53.00	25	39.50	13.30	36.40	24.00	10.50	13.30	37.30	17.80	0.90	0.00	0.70	57.30	4.00	22.00	3.00	1.00	9.84	366.98				
O2601	39.38	86.00	26	8.00	2.00	12.80	9.50	20.60	30.00	39.50	2.80	0.00	0.40	0.50	42.50	1.00	33.00	3.00	1.00	39.38	1,555.42				
O2603	30.06	100.00	26	14.70	4.50	12.70	9.50	16.80	26.50	36.00	10.90	0.00	0.00	0.00	43.00	1.00	35.00	3.00	1.00	30.06	1,082.10				
O2604	6.34	17.00	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.00					6.34	0.00
O2606	3.55	53.00	26	25.10	10.00	24.70	18.00	4.00	6.00	24.00	9.50	0.00	4.10	6.00	42.00	5.00	24.00	3.00	1.00					3.55	85.22
O2771	0.57	55.00	21	29.30	8.50	38.20	28.00	13.50	16.50	44.50	4.50	0.00	0.00	0.00	54.50	4.00	34.00	3.00	1.00	0.57	25.35				
O2827	13.94	72.00	26	54.80	12.90	19.20	15.70	6.40	10.00	25.70	6.00	0.90	0.00	0.70	41.40	1.00	8.00	3.00	1.00					13.94	358.28
O2828	1.92	17.00	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.00					1.92	0.00
O2829	5.12	72.00	26	46.80	13.00	24.80	19.00	16.90	28.50	47.50	4.30	0.00	0.70	1.50	63.00	8.00	8.00	3.00	1.00	5.12	243.10				
O2850	9.17	72.00	26	14.70	3.30	2.40	2.20	14.50	31.10	33.30	0.00	0.00	0.40	1.10	37.70	1.00	7.00	3.00	1.00	9.17	305.35				
	155.10																			**115.23**	**4,455.06**	**0.00**	**0.00**	**39.87**	**443.51**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	115.23	**4,455.06**	**0.00**	**0.00**	**39.87**	**443.51**
	Suitable and Potentially Suitable					
	Acres		BA			
	115.23		**4,455.06**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	155.10		**4,898.57**			

Appendix E. Table 192. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O26-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
N0801	1.01	81.00	26	12.10	3.80	5.60	4.60	22.50	33.80	38.40	0.00	0.00	0.80	0.80	43.00	4.00	21.00	2.77	3.00	1.00					1.01	38.78
N0802	3.72	81.00	21	6.30	1.80	7.30	5.30	34.60	55.90	61.20	0.00	0.00	0.00	0.00	63.00	4.00	18.00	0.00	3.00	1.00			3.72	227.93		
N0803	10.00	9.00	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.00					10.00	0.00
N0804	2.30	11.00	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.00					2.30	0.00
N0807	11.73	69.00	26	25.60	7.90	21.20	15.70	11.10	18.60	34.30	5.70	3.20	0.60	3.50	47.10	4.00	18.00	10.53	3.00	1.00					11.73	402.45
N0811	0.06	60.00	26	8.80	3.30	13.50	10.00	15.00	22.00	32.00	1.70	0.00	0.00	0.00	36.00	1.00	20.00	0.00	3.00	1.00					0.06	1.91
N0812	1.82	9.00	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.00					1.82	0.00
O2505	4.57	52.00	26	35.40	11.00	24.00	18.50	16.80	26.50	45.00	2.20	0.00	0.00	0.00	56.50	4.00	24.00	0.00	3.00	1.00					4.57	205.69
O2506	9.84	53.00	25	39.50	13.30	36.40	24.00	10.50	13.30	37.30	17.80	0.90	0.00	0.70	57.30	4.00	22.00	1.88	3.00	1.00					9.84	366.98
O2601	39.38	86.00	26	8.00	2.00	12.80	9.50	20.60	30.00	39.50	2.80	0.00	0.40	0.50	42.50	1.00	33.00	1.18	3.00	1.00					39.38	1,555.42
O2603	30.06	100.00	26	14.70	4.50	12.70	9.50	16.80	26.50	36.00	10.90	0.00	0.00	0.00	43.00	1.00	35.00	0.00	3.00	1.00					30.06	1,082.10
O2604	6.34	17.00	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.00					6.34	0.00
O2606	3.55	53.00	26	25.10	10.00	24.70	18.00	4.00	6.00	24.00	9.50	0.00	4.10	6.00	42.00	5.00	24.00	12.50	3.00	1.00					3.55	85.22
O2771	0.57	55.00	21	29.30	8.50	38.20	28.00	13.50	16.50	44.50	4.50	0.00	0.00	0.00	54.50	4.00	34.00	0.00	3.00	1.00					0.57	25.35
O2827	13.94	72.00	26	54.80	12.90	19.20	15.70	6.40	10.00	25.70	6.00	0.90	0.00	0.70	41.40	1.00	8.00	3.40	3.00	1.00					13.94	358.28
O2828	1.92	17.00	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.00					1.92	0.00
O2829	5.12	72.00	26	46.80	13.00	24.80	19.00	16.90	28.50	47.50	4.30	0.00	0.70	1.50	63.00	8.00	8.00	1.65	3.00	1.00					5.12	243.10
O2850	9.17	72.00	26	14.70	3.30	2.40	2.20	14.50	31.10	33.30	0.00	0.00	0.40	1.10	37.70	1.00	7.00	2.31	3.00	1.00					9.17	305.35
	155.10																				**0.00**	**0.00**	**3.72**	**227.93**	**151.38**	**4,670.64**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	3.72	227.93	151.38	4,670.64
	Suitable and Potentially Suitable					
	Acres		BA			
	3.72		227.93			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	155.10		4,898.57			

Appendix E. Table 193. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O26-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O2401	0.87	45.00	26	27.40	7.50	18.00	12.50	8.00	10.50	23.00	8.70	2.60	0.30	2.50	35.00	1.00	26.00	3.00	1.00					0.87	20.01
O2404	8.72	49.00	26	52.40	14.50	18.40	12.50	4.20	5.50	18.00	3.30	2.20	0.00	1.50	35.00	1.00	24.00	3.00	1.00					8.72	156.96
O2408	2.20	17.00	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.00					2.20	0.00
O2506	0.14	53.00	25	39.50	13.30	36.40	24.00	10.50	13.30	37.30	17.80	0.90	0.00	0.70	57.30	4.00	22.00	3.00	1.00	0.14	5.22				
O2601	0.38	86.00	26	8.00	2.00	12.80	9.50	20.60	30.00	39.50	2.80	0.00	0.40	0.50	42.50	1.00	33.00	3.00	1.00	0.38	15.01				
O2603	4.95	100.00	26	14.70	4.50	12.70	9.50	16.80	26.50	36.00	10.90	0.00	0.00	0.00	43.00	1.00	35.00	3.00	1.00	4.95	178.20				
O2604	0.27	17.00	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.00					0.27	0.00
O2606	4.44	53.00	26	25.10	10.00	24.70	18.00	4.00	6.00	24.00	9.50	0.00	4.10	6.00	42.00	5.00	24.00	3.00	1.00					4.44	106.56
O2607	50.12	49.00	25	37.70	10.50	40.10	29.00	14.90	19.50	48.50	0.00	0.00	0.70	1.00	60.00	1.00	34.00	3.00	1.00	50.12	2,430.82				
O2608	15.84	49.00	26	42.70	13.80	12.30	9.40	3.70	4.40	13.80	3.90	0.00	0.30	0.60	29.50	6.00	31.00	3.00	1.00					15.84	218.59
O2609	2.49	17.00	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.00					2.49	0.00
O2611	0.66	47.00	26	37.70	11.00	16.90	11.50	4.60	6.00	17.50	0.00	0.70	0.00	0.50	29.00	4.00	24.00	3.00	1.00					0.66	11.55
O2612	6.44	47.00	22P	129.80	34.40	17.80	11.90	13.20	18.80	30.70	3.30	0.00	1.20	1.90	68.30	1.00	28.00	3.00	1.00			6.44	197.71		
O2613	10.07	61.00	26	51.50	15.60	22.20	16.30	6.80	9.40	25.70	18.30	0.80	0.00	0.60	46.30	1.00	25.00	3.00	1.00					10.07	258.80
O2617	12.09	48.00	26	51.70	13.60	23.80	16.40	4.70	6.40	22.80	3.80	0.00	0.00	0.00	37.10	5.00	46.00	3.00	1.00					12.09	275.65
O2646	1.21	17.00	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.00					1.21	0.00
O2734	5.70	61.00	26	37.50	10.00	23.10	16.50	14.00	19.50	36.00	1.30	2.10	0.40	2.00	48.50	1.00	30.00	3.00	1.00	5.70	205.20				
O2735	21.26	20.00	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.00					21.26	0.00
O2737	23.78	59.00	26	19.40	5.50	23.90	17.50	15.40	20.00	37.50	4.90	0.00	1.30	2.00	46.50	1.00	31.00	3.00	1.00	23.78	891.75				
O2738	8.12	59.00	26	38.20	12.50	64.40	46.30	4.60	5.00	51.30	0.00	0.00	0.00	0.00	63.80	2.00	16.00	3.00	1.00	8.12	416.56				
	179.75																			**93.19**	**4,142.76**	**6.44**	**197.71**	**80.12**	**1,048.12**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	93.19	**4,142.76**	**6.44**	**197.71**	**80.12**	**1,048.12**

Suitable and Potentially Suitable

Acres	BA
99.63	**4,340.47**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
179.75	**5,388.59**

Appendix E. Table 194. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O26-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
O2401	0.87	45	26	27.40	7.50	18.00	12.50	8.00	10.50	23.00	8.70	2.60	0.30	2.50	35.00	1	26.0	10	3	1					0.87	20.01
O2404	8.72	49	26	52.40	14.50	18.40	12.50	4.20	5.50	18.00	3.30	2.20	0.00	1.50	35.00	1	24.0	9	3	1					8.72	156.96
O2408	2.20	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.20	0.00
O2506	0.14	53	25	39.50	13.30	36.40	24.00	10.50	13.30	37.30	17.80	0.90	0.00	0.70	57.30	4	22.0	2	3	1					0.14	5.22
O2601	0.38	86	26	8.00	2.00	12.80	9.50	20.60	30.00	39.50	2.80	0.00	0.40	0.50	42.50	1	33.0	1	3	1					0.38	15.01
O2603	4.95	100	26	14.70	4.50	12.70	9.50	16.80	26.50	36.00	10.90	0.00	0.00	0.00	43.00	1	35.0	0	3	1					4.95	178.20
O2604	0.27	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.27	0.00
O2606	4.44	53	26	25.10	10.00	24.70	18.00	4.00	6.00	24.00	9.50	0.00	4.10	6.00	42.00	5	24.0	13	3	1					4.44	106.56
O2607	50.12	49	25	37.70	10.50	40.10	29.00	14.90	19.50	48.50	0.00	0.00	0.70	1.00	60.00	1	34.0	1	3	1					50.12	2,430.82
O2608	15.84	49	26	42.70	13.80	12.30	9.40	3.70	4.40	13.80	3.90	0.00	0.30	0.60	29.50	6	31.0	2	3	1					15.84	218.59
O2609	2.49	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.49	0.00
O2611	0.66	47	26	37.70	11.00	16.90	11.50	4.60	6.00	17.50	0.00	0.70	0.00	0.50	29.00	4	24.0	3	3	1					0.66	11.55
O2612	6.44	47	22P	129.80	34.40	17.80	11.90	13.20	18.80	30.70	3.30	0.00	1.20	1.90	68.30	1	28.0	4	3	1					6.44	197.71
O2613	10.07	61	26	51.50	15.60	22.20	16.30	6.80	9.40	25.70	18.30	0.80	0.00	0.60	46.30	1	25.0	3	3	1					10.07	258.80
O2617	12.09	48	26	51.70	13.60	23.80	16.40	4.70	6.40	22.80	3.80	0.00	0.00	0.00	37.10	5	46.0	0	3	1					12.09	275.65
O2646	1.21	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.21	0.00
O2734	5.70	61	26	37.50	10.00	23.10	16.50	14.00	19.50	36.00	1.30	2.10	0.40	2.00	48.50	1	30.0	6	3	1					5.70	205.20
O2735	21.26	20	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					21.26	0.00
O2737	23.78	59	26	19.40	5.50	23.90	17.50	15.40	20.00	37.50	4.90	0.00	1.30	2.00	46.50	1	31.0	3	3	1					23.78	891.75
O2738	8.12	59	26	38.20	12.50	64.40	46.30	4.60	5.00	51.30	0.00	0.00	0.00	0.00	63.80	2	16.0	0	3	1					8.12	416.56
	179.75																				**0.00**	**0.00**	**0.00**	**0.00**	**179.75**	**5,388.59**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

POST-PROJECT TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	0.00	0.00	179.75	5,388.59
	Suitable and Potentially Suitable					
	Acres		BA			
	0.00		0.00			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	179.75		5,388.59			

Appendix E. Table 195. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O28-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
N0801	12.01	81	26	12.10	3.80	5.60	4.60	22.50	33.80	38.40	0.00	0.00	0.80	0.80	43.00	4	21.0	3	1	12.01	461.18				
N0802	5.70	81	21	6.30	1.80	7.30	5.30	34.60	55.90	61.20	0.00	0.00	0.00	0.00	63.00	4	18.0	3	1	5.70	348.84				
N0803	10.49	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					10.49	0.00
N0804	1.66	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.66	0.00
O2716	2.93	32	31	21.60	8.00	26.60	18.50	11.10	13.00	31.50	2.80	0.00	0.00	0.00	40.50	1	26.0	3	1	2.93	92.30				
O2719	3.77	59	31	205.40	58.00	56.10	40.00	33.70	54.00	94.00	0.00	0.00	0.00	0.00	152.00	1	28.0	3	1			3.77	354.38		
O2771	2.69	55	21	29.30	8.50	38.20	28.00	13.50	16.50	44.50	4.50	0.00	0.00	0.00	54.50	4	34.0	3	1	2.69	119.71				
O2801	8.27	79	25	41.80	11.30	16.90	13.80	14.00	25.00	38.80	22.80	6.90	1.60	7.50	63.90	6	16.0	3	1			8.27	320.88		
O2802	5.31	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0					5.31	0.00
O2803	19.32	55	26	41.70	12.00	26.00	20.50	15.80	22.50	43.00	5.80	0.00	1.90	2.50	59.00	8	8.0	3	1			19.32	830.76		
O2812	2.99	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.99	0.00
O2827	0.46	72	26	54.80	12.90	19.20	15.70	6.40	10.00	25.70	6.00	0.90	0.00	0.70	41.40	1	8.0	3	1					0.46	11.82
O2829	13.53	72	26	46.80	13.00	24.80	19.00	16.90	28.50	47.50	4.30	0.00	0.70	1.50	63.00	8	8.0	3	1			13.53	642.68		
O2850	0.06	72	26	14.70	3.30	2.40	2.20	14.50	31.10	33.30	0.00	0.00	0.40	1.10	37.70	1	7.0	3	1	0.06	2.00				
O2877	68.74	72	31	31.80	10.00	34.80	26.50	9.70	17.00	43.50	2.50	0.80	0.00	0.50	55.00	1	11.0	3	1	68.74	2,990.19				
O2903	2.02	70	13	10.10	4.00	13.70	12.00	28.20	48.00	60.00	78.20	10.50	1.40	10.00	92.00	9	6.0	3	1			2.02	121.20		
O2904	7.56	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					7.56	0.00
O2905	31.36	55	31	28.10	7.00	18.40	15.00	24.90	45.50	60.50	32.60	3.70	0.50	4.00	79.00	8	7.0	3	1			31.36	1,897.28		
O2906	16.16	79	31	10.90	4.20	18.70	13.70	11.40	16.30	30.00	0.00	0.70	1.10	2.10	36.30	3	26.0	3	1	16.16	484.80				
O2907	13.40	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0					13.40	0.00
O2914	17.25	55	25	19.80	7.60	54.30	41.80	21.10	27.10	68.90	7.20	0.00	0.00	0.00	78.30	1	14.0	3	1	17.25	1,188.53				
O2915	5.80	55	25	17.10	6.30	36.10	26.30	19.30	28.80	55.10	0.00	0.00	0.00	0.00	61.40	1	24.0	3	1	5.80	319.58				
O2949	15.20	72	31	22.50	6.70	26.40	20.70	25.40	38.70	59.40	35.10	0.70	0.00	0.70	76.10	6	8.0	3	1			15.20	902.88		
	251.48																			**131.34**	**6,007.13**	**93.47**	**5,070.06**	**41.87**	**11.82**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Stability requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	131.34	6,007.13	93.47	5,070.06	41.87	11.82
	Suitable and Potentially Suitable					
	Acres		BA			
	224.81		11,077.19			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	266.68		11,089.01			

Appendix E. Table 196. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O28-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
N0801	12.01	81	26	12.10	3.80	5.60	4.60	22.50	33.80	38.40	0.00	0.00	0.80	0.80	43.00	4	21.0	3	3	1					12.01	461.18
N0802	5.70	81	21	6.30	1.80	7.30	5.30	34.60	55.90	61.20	0.00	0.00	0.00	0.00	63.00	4	18.0	0	3	1			5.70	348.84		
N0803	10.49	9	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					10.49	0.00
N0804	1.66	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.66	0.00
O2716	2.93	32	31	21.60	8.00	26.60	18.50	11.10	13.00	31.50	2.80	0.00	0.00	0.00	40.50	1	26.0	0	3	1					2.93	92.30
O2719	3.77	59	31	205.40	58.00	56.10	40.00	33.70	54.00	94.00	0.00	0.00	0.00	0.00	152.00	1	28.0	0	3	1					3.77	354.38
O2771	2.69	55	21	29.30	8.50	38.20	28.00	13.50	16.50	44.50	4.50	0.00	0.00	0.00	54.50	4	34.0	0	3	1					2.69	119.71
O2801	8.27	79	25	41.80	11.30	16.90	13.80	14.00	25.00	38.80	22.80	6.90	1.60	7.50	63.90	6	16.0	22	3	1					8.27	320.88
O2802	5.31	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0	0					5.31	0.00
O2803	19.32	55	26	41.70	12.00	26.00	20.50	15.80	22.50	43.00	5.80	0.00	1.90	2.50	59.00	8	8.0	4	3	1					19.32	830.76
O2812	2.99	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.99	0.00
O2827	0.46	72	26	54.80	12.90	19.20	15.70	6.40	10.00	25.70	6.00	0.90	0.00	0.70	41.40	1	8.0	3	3	1					0.46	11.82
O2829	13.53	72	26	46.80	13.00	24.80	19.00	16.90	28.50	47.50	4.30	0.00	0.70	1.50	63.00	8	8.0	2	3	1					13.53	642.68
O2850	0.06	72	26	14.70	3.30	2.40	2.20	14.50	31.10	33.30	0.00	0.00	0.40	1.10	37.70	1	7.0	2	3	1					0.06	2.00
O2877	68.74	72	31	31.80	10.00	34.80	26.50	9.70	17.00	43.50	2.50	0.80	0.00	0.50	55.00	1	11.0	2	3	1					68.74	2,990.19
O2903	2.02	70	13	10.10	4.00	13.70	12.00	28.20	48.00	60.00	78.20	10.50	1.40	10.00	92.00	9	6.0	22	3	1			2.02	121.20		
O2904	7.56	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					7.56	0.00
O2905	31.36	55	31	28.10	7.00	18.40	15.00	24.90	45.50	60.50	32.60	3.70	0.50	4.00	79.00	8	7.0	9	3	1					31.36	1,897.28
O2906	16.16	79	31	10.90	4.20	18.70	13.70	11.40	16.30	30.00	0.00	0.70	1.10	2.10	36.30	3	26.0	6	3	1					16.16	484.80
O2907	13.40	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0	0					13.40	0.00
O2914	17.25	55	25	19.80	7.60	54.30	41.80	21.10	27.10	68.90	7.20	0.00	0.00	0.00	78.30	1	14.0	0	3	1					17.25	1,188.53
O2915	5.80	55	25	17.10	6.30	36.10	26.30	19.30	28.80	55.10	0.00	0.00	0.00	0.00	61.40	1	24.0	0	3	1					5.80	319.58
O2949	15.20	72	31	22.50	6.70	26.40	20.70	25.40	38.70	59.40	35.10	0.70	0.00	0.70	76.10	6	8.0	1	3	1			15.20	902.88		
	251.48																				**0.00**	**0.00**	**22.92**	**1,372.92**	**243.76**	**9,716.09**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	22.92	1,372.92	243.76	9,716.09
	Suitable and Potentially Suitable					
	Acres		BA			
	22.92		1,372.92			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	266.68		11,089.01			

Appendix E. Table 197. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O28-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O2603	13.77	100	26	14.70	4.50	12.70	9.50	16.80	26.50	36.00	10.90	0.00	0.00	0.00	43.00	1	35	3	1	13.77	495.72				
O2607	2.98	49	25	37.70	10.50	40.10	29.00	14.90	19.50	48.50	0.00	0.00	0.70	1.00	60.00	1	34	3	1	2.98	144.53				
O2716	3.18	32	31	21.60	8.00	26.60	18.50	11.10	13.00	31.50	2.80	0.00	0.00	0.00	40.50	1	26	3	1	3.18	100.17				
O2719	0.21	59	31	205.40	58.00	56.10	40.00	33.70	54.00	94.00	0.00	0.00	0.00	0.00	152.00	1	28	3	1			0.21	19.74		
O2721	1.19	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	3	1					1.19	0.00
O2726	9.19	56	26	20.10	7.10	33.80	22.90	10.60	14.70	37.60	6.70	3.50	1.00	4.20	51.30	1	28	3	1	9.19	345.54				
O2730	8.89	61	21	39.10	10.00	1.90	1.10	12.60	25.60	26.70	3.70	0.00	0.00	0.00	37.80	4	31	3	1					8.89	237.36
O2731	0.66	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	3	1					0.66	0.00
O2732	7.89	61	26	5.60	1.70	10.80	8.30	21.40	30.00	38.30	0.00	0.00	0.00	0.00	40.00	1	42	3	1	7.89	302.19				
O2733	4.65	58	21S	38.10	8.80	5.50	3.80	10.50	16.30	20.10	19.30	4.90	1.20	3.80	37.70	4	20	3	1					4.65	93.47
O2734	16.42	61	26	37.50	10.00	23.10	16.50	14.00	19.50	36.00	1.30	2.10	0.40	2.00	48.50	1	30	3	1	16.42	591.12				
O2735	5.45	20	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	3	1					5.45	0.00
O2737	0.00	59	26	19.40	5.50	23.90	17.50	15.40	20.00	37.50	4.90	0.00	1.30	2.00	46.50	1	31	3	1	0.00	0.00				
O2738	0.48	59	26	38.20	12.50	64.40	46.30	4.60	5.00	51.30	0.00	0.00	0.00	0.00	63.80	2	16	3	1	0.48	24.62				
O2764	2.85	56	26	112.40	26.70	6.60	3.30	6.20	6.70	10.00	11.80	0.00	0.00	0.00	40.00	5	20	3	1					2.85	28.50
O2766	6.54	14	PINE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0					6.54	0.00
O2771	27.56	55	21	29.30	8.50	38.20	28.00	13.50	16.50	44.50	4.50	0.00	0.00	0.00	54.50	4	34	3	1	27.56	1,226.42				
O2772	2.30	59	31	28.20	5.00	43.70	35.00	35.30	45.00	80.00	0.00	0.00	0.00	0.00	85.00	5	30	3	1	2.30	184.00				
O2775	4.71	61	26	10.20	2.00	12.80	9.50	17.30	27.50	37.00	1.90	0.00	0.00	0.00	39.50	1	28	3	1	4.71	174.27				
O2803	1.66	55	26	41.70	12.00	26.00	20.50	15.80	22.50	43.00	5.80	0.00	1.90	2.50	59.00	8	8	3	1			1.66	71.38		
O2829	3.21	72	26	46.80	13.00	24.80	19.00	16.90	28.50	47.50	4.30	0.00	0.70	1.50	63.00	8	8	3	1			3.21	152.48		
O2850	0.09	72	26	14.70	3.30	2.40	2.20	14.50	31.10	33.30	0.00	0.00	0.40	1.10	37.70	1	7	3	1	0.09	3.00				
	123.88																			**88.57**	**3,591.58**	**5.08**	**243.60**	**30.23**	**359.33**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
S = Seed tree cut
PINE = ORC Impact Area, no data taken

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

	Stand	Action	Suitable		Potentially Suitable		Future Potential	
			Acres	BA	Acres	BA	Acres	BA
PROJECT REMOVALS	O2716	Call Range	3.09	97.34				
	O2719				0.02	1.88		
	O2721						1.15	0.00
	O2726	Call and Daniel Lee Range	0.70	26.32				
	O2732	Daniel Lee Range	6.22	238.23				
	O2733						4.32	86.83
	O2734		1.32	47.52				
	O2735						0.26	0.00
	O2766	Call Range					2.36	0.00
	O2772		0.16	12.80				
	PROJECT TOTALS		**11.49**	**422.21**	**0.02**	**1.88**	**8.09**	**86.83**

	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	O2719			0.19	17.86		
	TOTALS	**0.00**	**0.00**	**0.19**	**17.86**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
77.08	**3,169.37**	**4.87**	**223.86**	**22.14**	**272.50**

Suitable and Potentially Suitable	
Acres	BA
81.95	**3,393.23**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
104.09	**3,665.73**

Appendix E. Table 198. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O28-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O2603	13.77	100	26	14.70	4.50	12.70	9.50	16.80	26.50	36.00	10.90	0.00	0.00	0.00	43.00	1	35	0	0-3	1					13.77	495.72
O2607	2.98	49	25	37.70	10.50	40.10	29.00	14.90	19.50	48.50	0.00	0.00	0.70	1.00	60.00	1	34	1	0-3	1					2.98	144.53
O2716	3.18	32	31	21.60	8.00	26.60	18.50	11.10	13.00	31.50	2.80	0.00	0.00	0.00	40.50	1	26	0	0-3	1					3.18	100.17
O2719	0.21	59	31	205.40	58.00	56.10	40.00	33.70	54.00	94.00	0.00	0.00	0.00	0.00	152.00	1	28	0	0-3	1					0.21	19.74
O2721	1.19	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0-3	1					1.19	0.00
O2726	9.19	56	26	20.10	7.10	33.80	22.90	10.60	14.70	37.60	6.70	3.50	1.00	4.20	51.30	1	28	9	0-3	1					9.19	345.54
O2730	8.89	61	21	39.10	10.00	1.90	1.10	12.60	25.60	26.70	3.70	0.00	0.00	0.00	37.80	4	31	0	0-3	1					8.89	237.36
O2731	0.66	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0-3	1					0.66	0.00
O2732	7.89	61	26	5.60	1.70	10.80	8.30	21.40	30.00	38.30	0.00	0.00	0.00	0.00	40.00	1	42	0	0-3	1					7.89	302.19
O2733	4.65	58	21S	38.10	8.80	5.50	3.80	10.50	16.30	20.10	19.30	4.90	1.20	3.80	37.70	4	20	28	0-3	1					4.65	93.47
O2734	16.42	61	26	37.50	10.00	23.10	16.50	14.00	19.50	36.00	1.30	2.10	0.40	2.00	48.50	1	30	6	0-3	1					16.42	591.12
O2735	5.45	20	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0-3	1					5.45	0.00
O2737	0.00	59	26	19.40	5.50	23.90	17.50	15.40	20.00	37.50	4.90	0.00	1.30	2.00	46.50	1	31	3	0-3	1					0.00	0.00
O2738	0.48	59	26	38.20	12.50	64.40	46.30	4.60	5.00	51.30	0.00	0.00	0.00	0.00	63.80	2	16	0	0-3	1					0.48	24.62
O2764	2.85	56	26	112.40	26.70	6.60	3.30	6.20	6.70	10.00	11.80	0.00	0.00	0.00	40.00	5	20	0	0-3	1					2.85	28.50
O2766	6.54	14	0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0	0	0-3	1					6.54	0.00
O2771	27.56	55	21	29.30	8.50	38.20	28.00	13.50	16.50	44.50	4.50	0.00	0.00	0.00	54.50	4	34	0	0-3	1					27.56	1,226.42
O2772	2.30	59	31	28.20	5.00	43.70	35.00	35.30	45.00	80.00	0.00	0.00	0.00	0.00	85.00	5	30	0	0-3	1					2.30	184.00
O2775	4.71	61	26	10.20	2.00	12.80	9.50	17.30	27.50	37.00	1.90	0.00	0.00	0.00	39.50	1	28	0	0-3	1					4.71	174.27
O2803	1.66	55	26	41.70	12.00	26.00	20.50	15.80	22.50	43.00	5.80	0.00	1.90	2.50	59.00	8	8	4	0-3	1					1.66	71.38
O2829	3.21	72	26	46.80	13.00	24.80	19.00	16.90	28.50	47.50	4.30	0.00	0.70	1.50	63.00	8	8	2	0-3	1					3.21	152.48
O2850	0.09	72	26	14.70	3.30	2.40	2.20	14.50	31.10	33.30	0.00	0.00	0.40	1.10	37.70	1	7	2	0-3	1					0.09	3.00
	123.88																				**0.00**	**0.00**	**0.00**	**0.00**	**123.88**	**4,194.51**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
S = Seed tree cut

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	O2716	Call Range					3.09	97.34
	O2719	Call Range					0.02	1.88
	O2721	Call Range					1.15	0.00
	O2726	Call and Daniel Lee Range					0.70	26.32
	O2732	Daniel Lee Range					6.22	238.23
	O2733	Daniel Lee Range					4.32	86.83
	O2734	Daniel Lee Range					1.32	47.52
	O2735	Daniel Lee Range					0.26	0.00
	O2766	Call Range					2.36	0.00
	O2772	Call Range					0.16	12.80
		PROJECT TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**19.60**	**510.92**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	O2719					0.19	17.86
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.19**	**17.86**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
0.00	**0.00**	**0.00**	**0.00**	**104.09**	**3,665.73**

Suitable and Potentially Suitable	
Acres	BA
0.00	**0.00**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
104.09	**3,665.73**

Appendix E. Table 199. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O30-A,** Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O2336	1.83	5	21P	2.30	1.10	4.20	3.20	6.60	10.00	13.20	0.00	0.00	0.00	0.00	14.30	1	23.0	3	1					1.83	24.16
O2388	2.41	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.41	0.00
O2716	5.10	32	31	21.60	8.00	26.60	18.50	11.10	13.00	31.50	2.80	0.00	0.00	0.00	40.50	1	26.0	3	1	5.10	160.65				
O2721	0.04	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.04	0.00
O2726	8.07	56	26	20.10	7.10	33.80	22.90	10.60	14.70	37.60	6.70	3.50	1.00	4.20	51.30	1	28.0	3	1	8.07	303.43				
O2733	4.71	58	21S	38.10	8.80	5.50	3.80	10.50	16.30	20.10	19.30	4.90	1.20	3.80	37.70	4	20.0	3	1					4.71	94.67
O2735	6.16	20	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.16	0.00
O2736	19.18	49	26	26.40	8.50	35.60	27.00	9.90	13.00	40.00	4.20	2.70	1.10	3.50	53.50	1	36.0	3	1	19.18	767.20				
O2744	2.53	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.53	0.00
O2752	22.23	49	26	26.40	8.50	35.60	27.00	9.90	13.00	40.00	4.20	2.70	1.10	3.50	53.50	1	36.0	3	1	22.23	889.20				
O2753	13.92	49	26	29.40	9.00	15.40	11.50	13.60	19.50	31.00	13.50	5.50	1.00	5.00	49.50	1	28.0	3	1	13.92	431.52				
O2773	10.65	88	25	9.00	3.50	15.30	11.50	13.50	18.00	29.50	21.00	3.10	0.90	3.50	42.50	1	29.0	3	1					10.65	314.18
O2774	13.04	88	26	14.50	5.50	20.50	15.00	22.60	33.50	48.50	4.10	3.40	0.30	3.00	58.50	1	38.0	3	1	13.04	632.44				
O3011	3.37	58	13	43.50	12.00	15.90	12.00	18.50	32.00	44.00	53.10	8.30	7.60	16.00	84.00	4	26.0	3	1			3.37	148.28		
O3017	3.50	38	31	57.50	15.00	14.00	10.00	20.30	30.00	40.00	0.00	0.00	0.00	0.00	55.00	1	42.0	3	1	3.50	140.00				
O3018	37.42	52	26	12.00	4.00	25.00	19.00	16.30	22.50	41.50	22.70	1.60	0.80	2.00	53.50	1	16.0	3	1	37.42	1,552.93				
O3023	3.35	88	31	21.40	10.00	19.20	13.30	16.10	20.00	33.30	0.00	0.00	0.00	0.00	43.30	1	23.0	3	1	3.35	111.56				
O3024	9.18	88	25	9.00	3.50	15.30	11.50	13.50	18.00	29.50	21.00	3.10	0.90	3.50	42.50	1	29.0	3	1					9.18	270.81
O3025	59.50	88	26	14.50	5.50	20.50	15.00	22.60	33.50	48.50	4.10	3.40	0.30	3.00	58.50	1	38.0	3	1	59.50	2,885.75				
O3046	1.55	58	31U	6.80	3.30	26.20	20.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	23.30	2	27.0	3	1					1.55	31.00
O3047	1.36	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.36	0.00
O3054	6.72	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.72	0.00
O3073	2.33	88	25	9.00	3.50	15.30	11.50	13.50	18.00	29.50	21.00	3.10	0.90	3.50	42.50	1	29.0	3	1					2.33	68.74
O3187	2.28	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.28	0.00
	240.43																			**185.31**	**7,874.68**	**3.37**	**148.28**	**51.75**	**803.56**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

	Stand	Action	Suitable		Potentially Suitable		Future Potential	
			Acres	BA	Acres	BA	Acres	BA
PROJECT REMOVALS	O2716	Call Range	0.87	27.41				
	O2721						0.01	0.00
	O2726		0.33	12.41				
	O2733	Daniel Lee Range					2.27	45.63
	O2735						1.74	0.00
	O3011	Davis Range			1.09	47.96		
	O3017	Copple Range	1.79	71.60				
	O3018	Copple and Davis Ranges	17.31	718.37				
	O3023	Copple Range	0.06	2.00				
	O3025		0.002	0.10				
	O3047	Copple Range					1.36	0.00
		PROJECT TOTALS	**20.36**	**831.89**	**1.09**	**47.96**	**5.38**	**45.63**

	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	O2336					1.83	24.16
	O2388					2.41	0.00
	O2716	4.23	133.24				
	O3187					2.28	0.00
	TOTALS	**4.23**	**133.24**	**0.00**	**0.00**	**6.52**	**24.16**

	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
BASELINE TOTALS	**160.72**	**6,909.55**	**2.28**	**100.32**	**39.85**	**733.77**

Suitable and Potentially Suitable	
Acres	BA
163.00	**7,009.87**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
202.85	**7,743.64**

Appendix E. Table 200. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O3O-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O2336	1.83	5	21P	2.30	1.10	4.20	3.20	6.60	10.00	13.20	0.00	0.00	0.00	0.00	14.30	1	23.0	0	3	1					1.83	24.16
O2388	2.41	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.41	0.00
O2716	5.10	32	31	21.60	8.00	26.60	18.50	11.10	13.00	31.50	2.80	0.00	0.00	0.00	40.50	1	26.0	0	3	1					5.10	160.65
O2721	0.04	13	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.04	0.00
O2726	8.07	56	26	20.10	7.10	33.80	22.90	10.60	14.70	37.60	6.70	3.50	1.00	4.20	51.30	1	28.0	9	3	1					8.07	303.43
O2733	4.71	58	21S	38.10	8.80	5.50	3.80	10.50	16.30	20.10	19.30	4.90	1.20	3.80	37.70	4	20.0	28	3	1					4.71	94.67
O2735	6.16	20	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.16	0.00
O2736	19.18	49	26	26.40	8.50	35.60	27.00	9.90	13.00	40.00	4.20	2.70	1.10	3.50	53.50	1	36.0	8	3	1					19.18	767.20
O2744	2.53	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.53	0.00
O2752	22.23	49	26	26.40	8.50	35.60	27.00	9.90	13.00	40.00	4.20	2.70	1.10	3.50	53.50	1	36.0	8	3	1					22.23	889.20
O2753	13.92	49	26	29.40	9.00	15.40	11.50	13.60	19.50	31.00	13.50	5.50	1.00	5.00	49.50	1	28.0	18	3	1					13.92	431.52
O2773	10.65	88	25	9.00	3.50	15.30	11.50	13.50	18.00	29.50	21.00	3.10	0.90	3.50	42.50	1	29.0	12	3	1					10.65	314.18
O2774	13.04	88	26	14.50	5.50	20.50	15.00	22.60	33.50	48.50	4.10	3.40	0.30	3.00	58.50	1	38.0	8	3	1			13.04	632.44		
O3011	3.37	58	13	43.50	12.00	15.90	12.00	18.50	32.00	44.00	53.10	8.30	7.60	16.00	84.00	4	26.0	32	3	1					3.37	148.28
O3017	3.50	38	31	57.50	15.00	14.00	10.00	20.30	30.00	40.00	0.00	0.00	0.00	0.00	55.00	1	42.0	0	3	1					3.50	140.00
O3018	37.42	52	26	12.00	4.00	25.00	19.00	16.30	22.50	41.50	22.70	1.60	0.80	2.00	53.50	1	16.0	5	3	1					37.42	1,552.93
O3023	3.35	88	31	21.40	10.00	19.20	13.30	16.10	20.00	33.30	0.00	0.00	0.00	0.00	43.30	1	23.0	0	3	1					3.35	111.56
O3024	9.18	88	25	9.00	3.50	15.30	11.50	13.50	18.00	29.50	21.00	3.10	0.90	3.50	42.50	1	29.0	12	3	1					9.18	270.81
O3025	59.50	88	26	14.50	5.50	20.50	15.00	22.60	33.50	48.50	4.10	3.40	0.30	3.00	58.50	1	38.0	8	3	1					59.50	2,885.75
O3046	1.55	58	31U	6.80	3.30	26.20	20.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	23.30	2	27.0	0	3	1					1.55	31.00
O3047	1.36	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.36	0.00
O3054	6.72	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.72	0.00
O3073	2.33	88	25	9.00	3.50	15.30	11.50	13.50	18.00	29.50	21.00	3.10	0.90	3.50	42.50	1	29.0	12	3	1					2.33	68.74
O3187	2.28	12	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.28	0.00
	240.43																				**0.00**	**0.00**	**13.04**	**632.44**	**227.39**	**8,194.08**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	O2716	Call Range					0.87	27.41
	O2721						0.01	0.00
	O2726						0.33	12.41
	O2733	Daniel Lee Range					2.27	45.63
	O2735						1.74	0.00
	O3011	Davis Range					1.09	47.96
	O3017	Copple Range					1.79	71.60
	O3018	Copple and Davis Ranges					17.31	718.37
	O3023	Copple Range					0.06	2.00
	O3025						0.002	0.10
	O3047	Copple Range					1.36	0.00
		PROJECT TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**26.83**	**925.48**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	O2336					1.83	24.16
	O2388					2.41	0.00
	O2716					4.23	133.24
	O3187					2.28	0.00
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**10.75**	**157.40**

	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
BASELINE TOTALS	**0.00**	**0.00**	**13.04**	**632.44**	**189.81**	**7,111.20**

Suitable and Potentially Suitable	
Acres	BA
13.04	**632.44**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
202.85	**7,743.64**

Appendix E. Table 201. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O33-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O3301	11.39	56.00	25	37.20	10.50	11.80	8.50	24.20	41.00	49.50	30.50	4.50	1.20	5.00	73.50	1.00	21.00	3.00	1.00	11.39	563.81				
O3302	7.87	56.00	25	78.60	20.50	32.10	23.50	20.60	30.50	54.00	7.00	1.70	0.20	1.50	78.00	1.00	28.00	3.00	1.00			7.87	424.98		
O3304	4.47	14.00	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.00					4.47	0.00
O3305	60.71	57.00	31	35.00	10.00	38.90	29.00	22.70	31.50	60.50	0.00	0.00	0.00	0.00	70.50	1.00	24.00	3.00	1.00			60.71	3,672.96		
O3316	46.76	57.00	31	49.30	14.40	29.00	20.00	17.80	25.60	45.60	0.00	0.00	0.50	0.60	60.60	1.00	18.00	3.00	1.00			46.76	2,132.26		
O3323	0.65	7.00	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.00					0.65	0.00
O3324	14.98	54.00	25	39.90	11.70	25.80	18.90	19.20	32.20	51.10	18.20	9.40	1.20	8.40	76.80	5.00	14.00	3.00	1.00	14.98	765.48				
O3325	1.21	14.00	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3.00	1.00					1.21	0.00
O3326	15.78	57.00	31	4.70	1.60	11.80	8.90	22.60	36.80	45.70	6.30	0.70	0.00	0.50	49.90	4.00	23.00	3.00	1.00			15.78	721.15		
O3327	0.02	68.00	25	17.60	5.50	43.60	31.00	9.80	13.00	44.00	11.20	2.50	0.70	3.00	55.50	1.00	22.00	3.00	1.00			0.02	0.88		
O3331	0.13	54.00	25	28.50	8.60	9.20	7.10	14.30	21.40	28.50	0.00	0.00	1.10	1.40	38.50	5.00	31.00	3.00	1.00					0.13	3.71
O3371	3.03	57.00	31U	0.00	0.00	3.80	3.30	19.30	30.00	33.30	0.00	0.00	0.00	0.00	33.30	1.00	30.00	3.00	1.00	3.03	100.90				
O3372	2.42	57.00	31U	48.80	20.00	67.80	45.00	11.50	15.00	60.00	0.00	0.00	0.00	0.00	80.00	1.00	30.00	3.00	1.00	2.42	145.20				
O3384	34.73	56.00	31	35.70	10.50	34.30	26.00	22.70	32.50	58.50	9.20	0.50	1.50	2.50	74.50	1.00	30.00	3.00	1.00	34.73	2,031.71				
O3488	0.66	54.00	25	95.80	25.00	9.10	8.30	24.20	33.30	41.60	7.70	0.00	0.50	1.70	70.00	3.00	25.00	3.00	1.00			0.66	27.46		
O3502	3.19	56.00	13	72.70	20.00	11.20	6.70	20.60	30.00	36.70	66.90	12.20	2.70	10.00	83.40	7.00	7.00	3.00	1.00			3.19	117.07		
O3504	4.82	87.00	31	47.10	12.20	14.80	12.20	19.10	34.40	46.60	8.30	6.50	2.30	8.80	70.90	2.00	13.00	3.00	1.00	4.82	224.61				
O3505	4.20	56.00	31	0.00	0.00	0.00	0.00	26.10	47.50	47.50	31.30	6.60	1.70	7.50	62.50	5.00	22.00	3.00	1.00	4.20	199.50				
O3506	5.79	87.00	31	64.80	16.00	13.70	10.00	16.20	26.00	36.00	11.90	1.30	0.00	1.00	57.00	7.00	14.00	3.00	1.00			5.79	208.44		
O3508	1.44	62.00	31	28.90	9.00	31.80	22.50	23.80	32.00	54.50	11.40	7.70	1.80	7.50	75.00	5.00	14.00	3.00	1.00	1.44	78.48				
O3515	26.16	55.00	31	62.80	18.50	42.30	29.00	22.90	35.50	64.50	17.00	4.10	3.00	8.00	96.00	5.00	13.00	3.00	1.00			26.16	1,687.32		
	250.41																			**77.01**	**4,109.69**	**166.94**	**8,992.52**	**6.46**	**3.71**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	O3302	Soto-Field Beaten Area			4.41	238.14		
	O3323	Booker North Beaten Area					0.09	0.00
	O3324	Booker North Beaten Area	1.40	71.54				
	O3384	Soto-Field Beaten Area	2.34	136.89				
	O3488	Pool North Beaten Area			0.01	0.42		
		PROJECT TOTALS	**3.74**	**208.43**	**4.42**	**238.56**	**0.09**	**0.00**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT							
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
73.27	**3,901.26**	**162.52**	**8,753.96**	**6.37**	**3.71**

Suitable and Potentially Suitable

Acres	BA
235.79	**12,655.22**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
242.16	**12,658.93**

Appendix E. Table 202. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O33-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O3301	11.39	56	25	37.20	10.50	11.80	8.50	24.20	41.00	49.50	30.50	4.50	1.20	5.00	73.50	1	21.0	14	3	1					11.39	563.81
O3302	7.87	56	25	78.60	20.50	32.10	23.50	20.60	30.50	54.00	7.00	1.70	0.20	1.50	78.00	1	28.0	3	3	1					7.87	424.98
O3304	4.47	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.47	0.00
O3305	60.71	57	31	35.00	10.00	38.90	29.00	22.70	31.50	60.50	0.00	0.00	0.00	0.00	70.50	1	24.0	0	3	1					60.71	3,672.96
O3316	46.76	57	31	49.30	14.40	29.00	20.00	17.80	25.60	45.60	0.00	0.00	0.50	0.60	60.60	1	18.0	1	3	1					46.76	2,132.26
O3323	0.65	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.65	0.00
O3324	14.98	54	25	39.90	11.70	25.80	18.90	19.20	32.20	51.10	18.20	9.40	1.20	8.40	76.80	5	14.0	19	3	1					14.98	765.48
O3325	1.21	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	4	1					1.21	0.00
O3326	15.78	57	31	4.70	1.60	11.80	8.90	22.60	36.80	45.70	6.30	0.70	0.00	0.50	49.90	4	23.0	2	5	1					15.78	721.15
O3327	0.02	68	25	17.60	5.50	43.60	31.00	9.80	13.00	44.00	11.20	2.50	0.70	3.00	55.50	1	22.0	6	6	1					0.02	0.88
O3331	0.13	54	25	28.50	8.60	9.20	7.10	14.30	21.40	28.50	0.00	0.00	1.10	1.40	38.50	5	31.0	4	7	1					0.13	3.71
O3371	3.03	57	31U	0.00	0.00	3.80	3.30	19.30	30.00	33.30	0.00	0.00	0.00	0.00	33.30	1	30.0	0	8	1					3.03	100.90
O3372	2.42	57	31U	48.80	20.00	67.80	45.00	11.50	15.00	60.00	0.00	0.00	0.00	0.00	80.00	1	30.0	0	9	1					2.42	145.20
O3384	34.73	56	31	35.70	10.50	34.30	26.00	22.70	32.50	58.50	9.20	0.50	1.50	2.50	74.50	1	30.0	3	10	1					34.73	2,031.71
O3488	0.66	54	25	95.80	25.00	9.10	8.30	24.20	33.30	41.60	7.70	0.00	0.50	1.70	70.00	3	25.0	1	11	1					0.66	27.46
O3502	3.19	56	13	72.70	20.00	11.20	6.70	20.60	30.00	36.70	66.90	12.20	2.70	10.00	83.40	7	7.0	32	12	1					3.19	117.07
O3504	4.82	87	31	47.10	12.20	14.80	12.20	19.10	34.40	46.60	8.30	6.50	2.30	8.80	70.90	2	13.0	21	13	1	4.82	224.61				
O3505	4.20	56	31	0.00	0.00	0.00	0.00	26.10	47.50	47.50	31.30	6.60	1.70	7.50	62.50	5	22.0	24	14	1					4.20	199.50
O3506	5.79	87	31	64.80	16.00	13.70	10.00	16.20	26.00	36.00	11.90	1.30	0.00	1.00	57.00	7	14.0	4	15	1					5.79	208.44
O3508	1.44	62	31	28.90	9.00	31.80	22.50	23.80	32.00	54.50	11.40	7.70	1.80	7.50	75.00	5	14.0	15	16	1	1.44	78.48				
O3515	26.16	55	31	62.80	18.50	42.30	29.00	22.90	35.50	64.50	17.00	4.10	3.00	8.00	96.00	5	13.0	10	17	1					26.16	1,687.32
	250.41																				**0.00**	**0.00**	**6.26**	**303.09**	**244.15**	**12,802.83**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

	Stand	Project Name and Number	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	O3302	Soto-Field Beaten Area					4.41	238.14
	O3323	Booker North Beaten Area					0.09	0.00
	O3324	Booker North Beaten Area					1.40	71.54
	O3384	Soto-Field Beaten Area					2.34	136.89
	O3488	Pool North Beaten Area					0.01	0.42
		PROJECT TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**8.25**	**446.99**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT							
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
BASELINE TOTALS	**0.00**	**0.00**	**6.26**	**303.09**	**235.90**	**12,355.84**

Suitable and Potentially Suitable	
Acres	BA
6.26	**303.09**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
242.16	**12,658.93**

Appendix E. Table 203. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O34-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O3316	2.30	57	31	49.30	14.40	29.00	20.00	17.80	25.60	45.60	0.00	0.00	0.50	0.60	60.60	1	18.0	3	1	2.30	104.88				
O3317	5.51	54	25	29.20	8.90	25.60	20.00	28.80	38.90	58.90	0.00	0.00	0.50	1.10	68.90	1	18.0	3	1	5.51	324.54				
O3326	3.62	57	31	4.70	1.60	11.80	8.90	22.60	36.80	45.70	6.30	0.70	0.00	0.50	49.90	4	23.0	3	1	3.62	165.43				
O3327	17.58	68	25	17.60	5.50	43.60	31.00	9.80	13.00	44.00	11.20	2.50	0.70	3.00	55.50	1	22.0	3	1	17.58	773.52				
O3331	6.73	54	25	28.50	8.60	9.20	7.10	14.30	21.40	28.50	0.00	0.00	1.10	1.40	38.50	5	31.0	3	1					6.73	191.81
O3378	3.53	68	31U	24.80	10.00	22.70	17.50	26.90	37.50	55.00	6.30	0.00	0.00	0.00	67.50	1	18.0	3	1	3.53	194.15				
O3402	3.32	76	25	78.30	20.00	23.80	16.70	19.60	26.70	43.40	31.80	4.70	6.30	10.00	83.40	2	17.0	3	1			3.32	144.09		
O3418	4.23	56	31	30.50	8.50	13.00	9.50	21.40	36.50	46.00	14.40	2.50	1.50	4.00	63.00	1	24.0	3	1	4.23	194.58				
O3420	4.38	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					4.38	0.00
O3421	5.67	56	31U	16.00	5.70	27.90	18.60	16.70	27.10	45.70	0.00	0.00	0.00	0.00	51.40	1	30.0	3	1	5.67	259.12				
O3422	32.27	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					32.27	0.00
O3427	13.19	68	25	17.60	5.50	43.60	31.00	9.80	13.00	44.00	11.20	2.50	0.70	3.00	55.50	1	24.0	3	1	13.19	580.36				
O3430	11.14	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					11.14	0.00
O3436	15.14	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					15.14	0.00
O3437	12.61	76	26	31.20	8.30	13.00	9.20	18.80	33.30	42.50	15.20	11.00	2.10	9.20	64.20	6	12.0	3	1	12.61	535.93				
O3438	18.17	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					18.17	0.00
O3464	13.84	76	10	53.60	14.00	8.40	6.00	12.80	18.00	24.00	40.60	9.80	6.60	16.00	66.50	7	20.0	3	1					13.84	332.16
O3468	30.60	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					30.60	0.00
O3472	8.70	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					8.70	0.00
O3476	1.11	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.11	0.00
O3477	2.60	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.60	0.00
O3486	27.51	54	25	16.00	5.60	20.50	14.40	25.90	40.00	54.40	0.00	0.60	1.90	3.40	63.40	1	11.0	3	1	27.51	1,496.54				
O3487	18.41	68	25	17.60	5.50	43.60	31.00	9.80	13.00	44.00	11.20	2.50	0.70	3.00	55.50	1	22.0	3	1	18.41	810.04				
O3488	0.19	54	25	95.80	25.00	9.10	8.30	24.20	33.30	41.60	7.70	0.00	0.50	1.70	70.00	3	25.0	3	1			0.19	7.90		
O3489	4.46	54	25	35.00	9.00	14.60	9.50	12.90	22.50	32.00	21.40	2.60	4.30	8.00	56.00	8	26.0	3	1			4.46	142.72		
O3493	11.13	54	25	28.00	8.20	16.30	11.80	12.90	20.00	31.80	0.00	1.60	0.00	0.90	40.90	1	17.0	3	1	11.13	353.93				
	277.94																			**125.29**	**5,793.02**	**7.97**	**294.71**	**144.68**	**523.97**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

	Stand	Project Name	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	O3402	Pool North Beaten Area			0.03	1.30		
	O3488				0.17	7.07		
	O3489				4.46	142.72		
	PROJECT TOTALS		**0.00**	**0.00**	**4.66**	**151.09**	**0.00**	**0.00**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT							
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
BASELINE TOTALS	**125.29**	**5,793.02**	**3.31**	**143.62**	**144.68**	**523.97**

Suitable and Potentially Suitable	
Acres	BA
128.60	**5,936.64**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
273.28	**6,460.61**

Appendix E. Table 204. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **O34-A,** Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
O3316	2.30	57	31	49.30	14.40	29.00	20.00	17.80	25.60	45.60	0.00	0.00	0.50	0.60	60.60	1	18.0	1	3	1					2.30	104.88
O3317	5.51	54	25	29.20	8.90	25.60	20.00	28.80	38.90	58.90	0.00	0.00	0.50	1.10	68.90	1	18.0	1	3	1					5.51	324.54
O3326	3.62	57	31	4.70	1.60	11.80	8.90	22.60	36.80	45.70	6.30	0.70	0.00	0.50	49.90	4	23.0	2	3	1					3.62	165.43
O3327	17.58	68	25	17.60	5.50	43.60	31.00	9.80	13.00	44.00	11.20	2.50	0.70	3.00	55.50	1	22.0	6	3	1					17.58	773.52
O3331	6.73	54	25	28.50	8.60	9.20	7.10	14.30	21.40	28.50	0.00	0.00	1.10	1.40	38.50	5	31.0	4	3	1					6.73	191.81
O3378	3.53	68	31U	24.80	10.00	22.70	17.50	26.90	37.50	55.00	6.30	0.00	0.00	0.00	67.50	1	18.0	0	3	1			3.53	194.15		
O3402	3.32	76	25	78.30	20.00	23.80	16.70	19.60	26.70	43.40	31.80	4.70	6.30	10.00	83.40	2	17.0	20	3	1			3.32	144.09		
O3418	4.23	56	31	30.50	8.50	13.00	9.50	21.40	36.50	46.00	14.40	2.50	1.50	4.00	63.00	1	24.0	10	3	1					4.23	194.58
O3420	4.38	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.38	0.00
O3421	5.67	56	31U	16.00	5.70	27.90	18.60	16.70	27.10	45.70	0.00	0.00	0.00	0.00	51.40	1	30.0	0	3	1					5.67	259.12
O3422	32.27	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					32.27	0.00
O3427	13.19	68	25	17.60	5.50	43.60	31.00	9.80	13.00	44.00	11.20	2.50	0.70	3.00	55.50	1	24.0	6	3	1					13.19	580.36
O3430	11.14	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					11.14	0.00
O3436	15.14	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					15.14	0.00
O3437	12.61	76	26	31.20	8.30	13.00	9.20	18.80	33.30	42.50	15.20	11.00	2.10	9.20	64.20	6	12.0	29	3	1			12.61	535.93		
O3438	18.17	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					18.17	0.00
O3464	13.84	76	10	53.60	14.00	8.40	6.00	12.80	18.00	24.00	40.60	9.80	6.60	16.00	66.50	7	20.0	44	3	1					13.84	332.16
O3468	30.60	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					30.60	0.00
O3472	8.70	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					8.70	0.00
O3476	1.11	17	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.11	0.00
O3477	2.60	16	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.60	0.00
O3486	27.51	54	25	16.00	5.60	20.50	14.40	25.90	40.00	54.40	0.00	0.60	1.90	3.40	63.40	1	11.0	5	3	1					27.51	1,496.54
O3487	18.41	68	25	17.60	5.50	43.60	31.00	9.80	13.00	44.00	11.20	2.50	0.70	3.00	55.50	1	22.0	6	3	1					18.41	810.04
O3488	0.19	54	25	95.80	25.00	9.10	8.30	24.20	33.30	41.60	7.70	0.00	0.50	1.70	70.00	3	25.0	1	3	1					0.19	7.90
O3489	4.46	54	25	35.00	9.00	14.60	9.50	12.90	22.50	32.00	21.40	2.60	4.30	8.00	56.00	8	26.0	20	3	1					4.46	142.72
O3493	11.13	54	25	28.00	8.20	16.30	11.80	12.90	20.00	31.80	0.00	1.60	0.00	0.90	40.90	1	17.0	5	3	1					11.13	353.93
	277.94																				**0.00**	**0.00**	**19.46**	**874.17**	**258.48**	**5,737.53**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

	Stand	Project Name	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PROJECT REMOVALS	O3402				0.03	1.30		
	O3488	Pool North Beaten Area					0.17	7.07
	O3489						4.46	142.72
		PROJECT TOTALS	**0.00**	**0.00**	**0.03**	**1.30**	**4.63**	**149.79**

	Stand	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT							
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

	Suitable Acres	Suitable BA	Potentially Suitable Acres	Potentially Suitable BA	Future Potential Acres	Future Potential BA
BASELINE TOTALS	**0.00**	**0.00**	**19.43**	**872.87**	**253.85**	**5,587.74**

Suitable and Potentially Suitable	
Acres	BA
19.43	**872.87**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
273.28	**6,460.61**

Appendix E. Table 205. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **Q03-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
A1411	13.54	98	26	29.30	8.00	8.40	5.00	18.70	33.50	38.50	0.00	0.00	0.00	0.00	46.50	1	32.0	3	1	13.54	521.29				
Q0122	4.44	54	31U	9.80	2.80	34.70	26.70	17.80	22.80	49.50	0.00	0.00	0.00	0.00	52.30	5	13.0	3	1	4.44	219.78				
Q0123	14.46	54	31U	9.80	2.80	34.70	26.70	17.80	22.80	49.50	0.00	0.00	0.00	0.00	52.30	5	13.0	3	1	14.46	715.77				
Q0125	10.74	61	25	13.70	3.80	11.00	8.50	18.40	26.20	34.70	0.00	0.00	1.20	2.30	40.80	1	22.0	3	1	10.74	372.68				
Q0126	9.79	54	31	9.80	2.80	34.70	26.70	17.80	22.80	49.50	0.00	0.00	0.00	0.00	52.30	5	13.0	3	1	9.79	484.61				
Q0128	3.73	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.73	0.00
Q0328	56.15	114	25	11.40	3.50	7.00	4.50	15.50	33.00	37.50	17.30	3.70	0.00	2.50	48.50	2	16.0	3	1	56.15	2105.63				
Q0342	17.18	66	31	34.60	8.90	26.00	18.90	24.70	42.20	61.10	3.00	3.20	0.40	3.30	74.40	1	30.0	3	1	17.18	1049.70				
Q0343	20.29	66	31U	20.00	5.50	4.50	2.70	17.80	34.50	37.20	0.00	0.00	0.00	0.00	42.70	1	29.0	3	1	20.29	754.79				
Q0344	16.24	56	25	12.00	5.00	13.00	10.00	19.50	28.50	38.50	12.90	2.40	1.00	3.50	50.50	1	24.0	3	1	16.24	625.24				
	166.56																			**162.83**	**6,849.49**	**0.00**	**0.00**	**3.73**	**0.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
162.83	**6,849.49**	**0.00**	**0.00**	**3.73**	**0.00**

Suitable and Potentially Suitable	
Acres	BA
162.83	**6,849.49**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
166.56	**6,849.49**

Appendix E. Table 206. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster Q03-A, Fort Benning, Georgia, using 2014 data

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
A1411	13.54	98	26	29.30	8.00	8.40	5.00	18.70	33.50	38.50	0.00	0.00	0.00	0.00	46.50	1	32.0	0	3	1					13.54	521.29
Q0122	4.44	54	31U	9.80	2.80	34.70	26.70	17.80	22.80	49.50	0.00	0.00	0.00	0.00	52.30	5	13.0	0	3	1					4.44	219.78
Q0123	14.46	54	31U	9.80	2.80	34.70	26.70	17.80	22.80	49.50	0.00	0.00	0.00	0.00	52.30	5	13.0	0	3	1					14.46	715.77
Q0125	10.74	61	25	13.70	3.80	11.00	8.50	18.40	26.20	34.70	0.00	0.00	1.20	2.30	40.80	1	22.0	4	3	1					10.74	372.68
Q0126	9.79	54	31	9.80	2.80	34.70	26.70	17.80	22.80	49.50	0.00	0.00	0.00	0.00	52.30	5	13.0	0	3	1					9.79	484.61
Q0128	3.73	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.73	0.00
Q0328	56.15	114	25	11.40	3.50	7.00	4.50	15.50	33.00	37.50	17.30	3.70	0.00	2.50	48.50	2	16.0	14	3	1					56.15	2,105.63
Q0342	17.18	66	31	34.60	8.90	26.00	18.90	24.70	42.20	61.10	3.00	3.20	0.40	3.30	74.40	1	30.0	7	3	1			17.18	1049.70		
Q0343	20.29	66	31U	20.00	5.50	4.50	2.70	17.80	34.50	37.20	0.00	0.00	0.00	0.00	42.70	1	29.0	0	3	1					20.29	754.79
Q0344	16.24	56	25	12.00	5.00	13.00	10.00	19.50	28.50	38.50	12.90	2.40	1.00	3.50	50.50	1	24.0	9	3	1					16.24	625.24
	166.56																				**0.00**	**0.00**	**17.18**	**1,049.70**	**149.38**	**5,799.79**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**17.18**	**1,049.70**	**149.38**	**5,799.79**

Suitable and Potentially Suitable	
Acres	BA
17.18	**1,049.70**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
166.56	**6,849.49**

Appendix E. Table 207. Red-cockaded woodpecker foraging habitat totals using the Managed Stability Standard (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster Q03-C, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
B1002	4.12	111	25	150.00	41.50	32.00	20.50	5.70	8.50	29.00	13.10	3.10	0.70	3.50	77.00	1	23.0	3	1					4.12	119.48
B1003	4.57	91	13	15.30	2.90	1.60	1.40	15.50	35.70	37.10	47.40	6.20	9.20	18.60	72.90	7	3.0	3	1			4.57	169.55		
B1004	3.43	91	13	17.00	2.50	9.80	7.50	17.40	42.50	50.00	32.30	2.80	2.50	7.50	72.50	7	15.0	3	1			3.43	171.50		
Q0201	2.86	55	31	51.60	14.00	25.40	18.00	12.80	17.00	35.00	4.00	0.00	0.00	0.00	50.00	2	28.0	3	1	2.86	100.10				
Q0236	3.12	63	25	45.20	11.10	16.50	12.20	13.80	18.90	31.10	0.00	0.00	0.00	0.00	42.20	2	34.0	3	1	3.12	97.03				
Q0237	0.79	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.79	0.00
Q0238	10.63	54	25	43.60	12.00	23.70	18.00	20.10	27.50	45.50	5.10	1.00	0.40	1.50	61.00	4	32.0	3	1	10.63	483.67				
Q0247	1.80	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.80	0.00
Q0248	7.28	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					7.28	0.00
Q0256	17.33	55	31	51.60	14.00	25.40	18.00	12.80	17.00	35.00	4.00	0.00	0.00	0.00	50.00	2	28.0	3	1	17.33	606.55				
Q0262	5.19	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.19	0.00
Q0322	0.00	123	13	0.00	0.00	15.30	10.00	9.50	15.00	25.00	21.30	0.00	1.30	2.50	35.00	5	32.0	3	1					0.00	0.00
Q0331	5.57	130	25	23.50	5.70	9.20	7.10	9.00	12.90	20.00	20.00	2.00	4.20	7.10	38.50	6	27.0	3	1					5.57	111.40
Q0332	3.55	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.55	0.00
Q0334	7.23	123	25	18.00	5.60	15.50	11.10	14.80	22.20	33.30	7.70	0.00	0.90	1.10	42.20	2	39.0	3	1	7.23	240.76				
Q0335	1.10	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.10	0.00
Q0344	18.30	56	25	12.00	5.00	13.00	10.00	19.50	28.50	38.50	12.90	2.40	1.00	3.50	50.50	1	24.0	3	1	18.30	704.55				
Q0345	9.06	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					9.06	0.00
Q0347	1.24	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.24	0.00
Q0350	3.47	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.47	0.00
Q0351	9.64	62	25	41.10	11.50	31.20	21.50	5.80	9.50	31.00	16.60	0.70	0.80	1.50	48.00	2	30.0	3	1	9.64	298.84				
Q0352	13.88	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					13.88	0.00
Q0353	8.47	62	25U	24.20	4.40	4.30	3.30	15.40	26.70	30.00	6.20	0.00	1.00	2.20	38.80	1	22.0	3	1	8.47	254.10				
Q0355	1.83	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.83	0.00
Q0356	20.92	55	31	51.60	14.00	25.40	18.00	12.80	17.00	35.00	4.00	0.00	0.00	0.00	50.00	2	28.0	3	1	20.92	732.20				
Q0357	0.01	39	31	65.90	15.00	31.10	25.00	13.30	22.50	47.50	29.50	0.00	0.00	0.00	72.50	5	18.0	3	1	0.01	0.48				
Q0359	0.11	62	25	22.60	7.10	26.90	18.60	10.10	15.70	34.30	6.00	2.00	1.60	4.30	47.10	1	29.0	3	1	0.11	3.77				
Q0360	12.04	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					12.04	0.00
Q0361	2.56	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.56	0.00
Q0366	17.54	62	25	19.00	5.50	21.70	16.50	15.50	25.50	42.00	13.50	2.50	2.60	5.00	56.00	2	34.0	3	1	17.54	736.68				
Q0367	2.29	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.29	0.00
Q0402	7.88	115	25	26.90	10.00	22.30	15.00	12.00	17.50	32.50	7.40	1.40	0.70	2.50	47.50	1	18.0	3	1	7.88	256.10				
Q0430	5.54	47	25	3.90	1.70	25.60	18.30	11.00	15.00	33.30	24.00	2.60	0.90	5.00	48.30	2	18.0	3	1	5.54	184.48				
Q0432	8.78	64	25	32.40	11.10	36.80	25.60	14.50	20.00	45.60	0.00	0.00	0.00	0.00	56.70	1	12.0	3	1	8.78	400.37				
Q0433	4.49	64	25	3.20	1.40	8.40	7.10	24.70	37.10	44.20	0.00	0.00	1.30	2.10	47.70	4	16.0	3	1	4.49	198.46				
	226.62																			**142.85**	**5,298.14**	**0.00**	**0.00**	**71.65**	**111.40**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

Pine habitat not managed for red-cockaded woodpeckers and not counted towards foraging habitat totals.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
142.85	**5,298.14**	**0.00**	**0.00**	**71.65**	**111.40**

Suitable and Potentially Suitable

Acres	BA
142.85	**5,298.14**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
214.50	**5,409.54**

Appendix E. Table 208. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **Q03-C**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
B1002	4.12	111	25	150.00	41.50	32.00	20.50	5.70	8.50	29.00	13.10	3.10	0.70	3.50	77.00	1	23.0	9	3	1					4.12	119.48
B1003	4.57	91	13	15.30	2.90	1.60	1.40	15.50	35.70	37.10	47.40	6.20	9.20	18.60	72.90	7	3.0	47	3	1					4.57	169.55
B1004	3.43	91	13	17.00	2.50	9.80	7.50	17.40	42.50	50.00	32.30	2.80	2.50	7.50	72.50	7	15.0	16	3	1					3.43	171.50
Q0201	2.86	55	31	51.60	14.00	25.40	18.00	12.80	17.00	35.00	4.00	0.00	0.00	0.00	50.00	2	28.0	0	3	1					2.86	100.10
Q0236	3.12	63	25	45.20	11.10	16.50	12.20	13.80	18.90	31.10	0.00	0.00	0.00	0.00	42.20	2	34.0	0	3	1					3.12	97.03
Q0237	0.79	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.79	0.00
Q0238	10.63	54	25	43.60	12.00	23.70	18.00	20.10	27.50	45.50	5.10	1.00	0.40	1.50	61.00	4	32.0	3	3	1					10.63	483.67
Q0247	1.80	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.80	0.00
Q0248	7.28	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					7.28	0.00
Q0256	17.33	55	31	51.60	14.00	25.40	18.00	12.80	17.00	35.00	4.00	0.00	0.00	0.00	50.00	2	28.0	0	3	1					17.33	606.55
Q0262	5.19	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.19	0.00
Q0322	0.00	123	13	0.00	0.00	15.30	10.00	9.50	15.00	25.00	21.30	0.00	1.30	2.50	35.00	5	32.0	5	3	1					0.00	0.00
Q0331	5.57	130	25	23.50	5.70	9.20	7.10	9.00	12.90	20.00	20.00	2.00	4.20	7.10	38.50	6	27.0	25	3	1					5.57	111.40
Q0332	3.55	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.55	0.00
Q0334	7.23	123	25	18.00	5.60	15.50	11.10	14.80	22.20	33.30	7.70	0.00	0.90	1.10	42.20	2	39.0	3	3	1					7.23	240.76
Q0335	1.10	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.10	0.00
Q0344	18.30	56	25	12.00	5.00	13.00	10.00	19.50	28.50	38.50	12.90	2.40	1.00	3.50	50.50	1	24.0	9	3	1					18.30	704.55
Q0345	9.06	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					9.06	0.00
Q0347	1.24	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.24	0.00
Q0350	3.47	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.47	0.00
Q0351	9.64	62	25	41.10	11.50	31.20	21.50	5.80	9.50	31.00	16.60	0.70	0.80	1.50	48.00	2	30.0	4	3	1					9.64	298.84
Q0352	13.88	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					13.88	0.00
Q0353	8.47	62	25U	24.20	4.40	4.30	3.30	15.40	26.70	30.00	6.20	0.00	1.00	2.20	38.80	1	22.0	5	3	1					8.47	254.10
Q0355	1.83	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.83	0.00
Q0356	20.92	55	31	51.60	14.00	25.40	18.00	12.80	17.00	35.00	4.00	0.00	0.00	0.00	50.00	2	28.0	0	3	1					20.92	732.20
Q0357	0.01	39	31	65.90	15.00	31.10	25.00	13.30	22.50	47.50	29.50	0.00	0.00	0.00	72.50	5	18.0	0	3	1					0.01	0.48
Q0359	0.11	62	25	22.60	7.10	26.90	18.60	10.10	15.70	34.30	6.00	2.00	1.60	4.30	47.10	1	29.0	9	3	1					0.11	3.77
Q0360	12.04	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					12.04	0.00
Q0361	2.56	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.56	0.00
Q0366	17.54	62	25	19.00	5.50	21.70	16.50	15.50	25.50	42.00	13.50	2.50	2.60	5.00	56.00	2	34.0	12	3	1					17.54	736.68
Q0367	2.29	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.29	0.00
Q0402	7.88	115	25	26.90	10.00	22.30	15.00	12.00	17.50	32.50	7.40	1.40	0.70	2.50	47.50	1	18.0	6	3	1					7.88	256.10
Q0430	5.54	47	25	3.90	1.70	25.60	18.30	11.00	15.00	33.30	24.00	2.60	0.90	5.00	48.30	2	18.0	9	3	1					5.54	184.48
Q0432	8.78	64	25	32.40	11.10	36.80	25.60	14.50	20.00	45.60	0.00	0.00	0.00	0.00	56.70	1	12.0	0	3	1					8.78	400.37
Q0433	4.49	64	25	3.20	1.40	8.40	7.10	24.70	37.10	44.20	0.00	0.00	1.30	2.10	47.70	4	16.0	4	3	1	4.49	198.46				
	226.62																				**0.00**	**0.00**	**4.49**	**198.46**	**210.01**	**5,211.08**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.
Pine habitat not managed for red-cockaded woodpeckers and not counted towards foraging habitat totals.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**4.49**	**198.46**	**210.01**	**5,211.08**

Suitable and Potentially Suitable

Acres	BA
4.49	**198.46**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
214.50	**5,409.54**

Appendix E. Table 209. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **R01-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability							
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential		Unmanaged Pine-Dominated	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA	Acres	BA
AOB03	3.40	83	26	10.20	4.00	17.00	12.00	27.80	48.00	60.00	22.50	0.00	0.00	0.00	68.00	2	12.0	3	1	3.40	204.00						
AOB16	4.86	58	13	8.40	4.00	44.50	32.00	8.40	10.00	42.00	28.30	3.30	1.60	4.00	58.00	9	2.0	3	1			4.86	204.12				
AOB17	5.08	59	10	77.80	24.00	42.20	28.00	6.30	8.00	36.00	58.00	17.90	0.00	14.00	90.00	9	2.0	3	1			5.08	182.88				
NRMB02	1.14	93	26U	0.00	0.00	32.30	25.00	4.50	5.00	30.00	0.00	0.00	0.00	0.00	30.00	3	10.0	3	1	1.14	34.20						
NRMB03	0.61	93	31U	22.10	6.70	31.20	21.70	7.30	10.00	31.70	0.00	0.00	0.00	0.00	38.40	1	2.0	3	1	0.61	19.34						
NRMB04	7.01	13	21P	17.60	6.90	13.00	9.20	3.30	5.40	14.60	8.90	2.00	2.70	5.30	29.10	8	19.0	0	0					7.01	102.35		
NRMBO7	4.51	50	NM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	NM	0							4.51	0.00
P0617	5.04	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.04	0.00		
P0618	3.47	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.47	0.00		
R0102	1.52	19	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.52	0.00		
R0105	16.68	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					16.68	0.00		
R0108	1.12	45	25	50.80	15.00	15.40	10.00	1.10	2.50	12.50	23.00	5.60	0.00	3.80	36.30	8	21.0	3	1					1.12	14.00		
R0112	3.63	93	31U	22.10	6.70	31.20	21.70	7.30	10.00	31.70	0.00	0.00	0.00	0.00	38.40	1	2.0	3	1	3.63	115.07						
R0113	6.14	90	13	0.00	0.00	9.80	7.40	6.50	9.50	16.90	11.50	5.00	6.20	12.70	32.80	7	14.0	3	1					6.14	103.77		
R0114	4.33	19	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					4.33	0.00		
R0122	20.05	69	26	16.40	5.00	16.30	11.10	11.70	16.10	27.20	0.00	0.00	5.90	10.00	42.20	3	13.0	3	1					20.05	545.36		
R0123	16.73	86	21	2.80	0.50	5.10	4.50	35.60	54.00	58.50	0.00	0.00	1.20	1.50	60.50	2	14.0	3	1	16.73	978.71						
R0124	13.72	90	26	9.60	2.60	1.90	1.60	15.70	31.10	32.70	3.60	0.80	0.30	1.00	37.40	2	14.0	3	1	13.72	448.64						
R0125	9.99	37	31	20.20	6.00	25.90	19.00	15.10	22.00	41.00	5.60	6.70	1.80	7.50	56.50	6	14.0	3	1			9.99	409.59				
R0128	6.68	85	13	24.30	7.50	18.40	14.00	6.20	9.00	23.00	28.50	2.60	3.00	8.00	47.00	5	8.0	3	1					6.68	153.64		
R0135	0.97	83	26	8.70	3.50	8.30	5.50	9.00	14.50	20.00	2.90	0.80	4.10	8.50	33.00	8	5.0	3	1					0.97	19.40		
R0138	9.78	83	26U	22.00	5.50	4.10	3.00	20.50	35.50	38.50	6.30	0.60	0.40	1.00	46.50	1	12.0	3	1	9.78	376.53						
R0203	0.19	85	25	53.20	16.30	27.40	20.00	25.50	36.30	56.30	26.10	8.50	3.30	11.30	91.40	7	0.0	3	1	0.19	10.70						
R0204	11.65	62	10	29.50	6.70	12.60	8.60	12.80	17.10	25.70	37.30	18.60	7.80	24.30	68.10	1	3.0	3	1					11.65	299.41		
R0226	6.37	46	13	34.40	9.50	22.00	15.00	10.10	12.50	27.50	23.20	10.20	4.40	15.50	59.00	4	4.0	3	1					6.37	175.18		
R0230	2.25	85	13	97.80	27.50	85.40	57.50	9.90	12.50	70.00	27.20	7.50	2.00	7.50	115.00	1	0.0	3	1			2.25	157.50				
R0231	9.11	46	26U	46.80	12.50	21.20	15.00	11.70	16.00	31.00	13.60	0.00	1.70	2.00	48.00	1	24.0	3	1	9.11	282.41						
R0233	0.00	94	26	23.60	5.50	8.50	6.50	22.10	34.00	40.50	14.50	6.50	2.20	7.00	57.50	2	18.0	3	1	0.00	0.00						
	176.03																			**58.31**	**2,469.60**	**22.18**	**954.09**	**91.03**	**1,413.11**	**4.51**	**0.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential		Unmanaged Pine	
	Acres	BA	Acres	BA	Acres	BA	Acres	BA
R0203	0.19	10.70						
TOTALS	**0.19**	**10.70**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential		Unmanaged Pine	
Acres	BA	Acres	BA	Acres	BA	Acres	BA
58.12	**2,458.90**	**22.18**	**954.09**	**91.03**	**1,413.11**	**4.51**	**0.00**

Suitable and Potentially Suitable

Acres	BA
80.30	**3,412.99**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
175.84	**4,826.10**

Appendix E. Table 210. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **R01-A**, Fort Benning, Georgia.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability							
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential		Unmanaged Pine-Dominated	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA	Acres	BA
AOB03	3.40	83	26	10.20	4.00	17.00	12.00	27.80	48.00	60.00	22.50	0.00	0.00	0.00	68.00	2	12.0	0	3	1			3.40	204.00				
AOB16	4.86	58	13	8.40	4.00	44.50	32.00	8.40	10.00	42.00	28.30	3.30	1.60	4.00	58.00	9	2.0	8	3	1					4.86	204.12		
AOB17	5.08	59	10	77.80	24.00	42.20	28.00	6.30	8.00	36.00	58.00	17.90	0.00	14.00	90.00	9	2.0	27	3	1					5.08	182.88		
NRMB02	1.14	93	26U	0.00	0.00	32.30	25.00	4.50	5.00	30.00	0.00	0.00	0.00	0.00	30.00	3	10.0	0	3	1					1.14	34.20		
NRMB03	0.61	93	31U	22.10	6.70	31.20	21.70	7.30	10.00	31.70	0.00	0.00	0.00	0.00	38.40	1	2.0	0	3	1					0.61	19.34		
NRMB04	7.01	13	21P	17.60	6.90	13.00	9.20	3.30	5.40	14.60	8.90	2.00	2.70	5.30	29.10	8	19.0	22	0	0					7.01	102.35		
NRMBO7	4.51	50	NM	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	NM	0							4.51	0.00
P0617	5.04	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.04	0.00		
P0618	3.47	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.47	0.00		
R0102	1.52	19	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.52	0.00		
R0105	16.68	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					16.68	0.00		
R0108	1.12	45	25	50.80	15.00	15.40	10.00	1.10	2.50	12.50	23.00	5.60	0.00	3.80	36.30	8	21.0	25	3	1					1.12	14.00		
R0112	3.63	93	31U	22.10	6.70	31.20	21.70	7.30	10.00	31.70	0.00	0.00	0.00	0.00	38.40	1	2.0	0	3	1					3.63	115.07		
R0113	6.14	90	13	0.00	0.00	9.80	7.40	6.50	9.50	16.90	11.50	5.00	6.20	12.70	32.80	7	14.0	41	3	1					6.14	103.77		
R0114	4.33	19	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.33	0.00		
R0122	20.05	69	26	16.40	5.00	16.30	11.10	11.70	16.10	27.20	0.00	0.00	5.90	10.00	42.20	3	13.0	17	3	1					20.05	545.36		
R0123	16.73	86	21	2.80	0.50	5.10	4.50	35.60	54.00	58.50	0.00	0.00	1.20	1.50	60.50	2	14.0	3	3	1			16.73	978.71				
R0124	13.72	90	26	9.60	2.60	1.90	1.60	15.70	31.10	32.70	3.60	0.80	0.30	1.00	37.40	2	14.0	6	3	1					13.72	448.64		
R0125	9.99	37	31	20.20	6.00	25.90	19.00	15.10	22.00	41.00	5.60	6.70	1.80	7.50	56.50	6	14.0	17	3	1					9.99	409.59		
R0128	6.68	85	13	24.30	7.50	18.40	14.00	6.20	9.00	23.00	28.50	2.60	3.00	8.00	47.00	5	8.0	19	3	1					6.68	153.64		
R0135	0.97	83	26	8.70	3.50	8.30	5.50	9.00	14.50	20.00	2.90	0.80	4.10	8.50	33.00	8	5.0	22	3	1					0.97	19.40		
R0138	9.78	83	26U	22.00	5.50	4.10	3.00	20.50	35.50	38.50	6.30	0.60	0.40	1.00	46.50	1	12.0	4	3	1			9.78	376.53				
R0203	0.19	85	25	53.20	16.30	27.40	20.00	25.50	36.30	56.30	26.10	8.50	3.30	11.30	91.40	7	0.0	18	3	1			0.19	10.70				
R0204	11.65	62	10	29.50	6.70	12.60	8.60	12.80	17.10	25.70	37.30	18.60	7.80	24.30	68.10	1	3.0	51	3	1					11.65	299.41		
R0226	6.37	46	13	34.40	9.50	22.00	15.00	10.10	12.50	27.50	23.20	10.20	4.40	15.50	59.00	4	4.0	31	3	1					6.37	175.18		
R0230	2.25	85	13	97.80	27.50	85.40	57.50	9.90	12.50	70.00	27.20	7.50	2.00	7.50	115.00	1	0.0	9	3	1					2.25	157.50		
R0231	9.11	46	26U	46.80	12.50	21.20	15.00	11.70	16.00	31.00	13.60	0.00	1.70	2.00	48.00	1	24.0	5	3	1					9.11	282.41		
R0233	0.0001	94	26	23.60	5.50	8.50	6.50	22.10	34.00	40.50	14.50	6.50	2.20	7.00	57.50	2	18.0	22	3	1			0.0001	0.0041				
	176.03																				**0.00**	**0.00**	**30.10**	**1,569.94**	**141.42**	**3,266.86**	**4.51**	**0.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
NM = Not Managed
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential		Unmanaged Pine	
		Acres	BA	Acres	BA	Acres	BA	Acres	BA
	R0203			0.19	10.70				
	TOTALS	0.00	0.00	0.19	10.70	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential		Unmanaged Pine	
	Acres	BA	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	29.91	1,559.24	141.42	3,266.86	4.51	0.00
	Suitable and Potentially Suitable							
	Acres		BA					
	29.91		1,559.24					
	Total Manageable Potentially Contiguous Pine Habitat							
	Acres		BA					
	175.84		4,826.10					

Appendix E. Table 211. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **R01-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
P0601	7.61	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					7.61	0.00
P0604	6.42	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.42	0.00
P0608	37.22	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					37.22	0.00
P0610	4.29	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					4.29	0.00
P0612	3.81	93	10	0.00	0.00	0.00	0.00	22.40	30.00	30.00	6.90	17.80	5.40	20.00	53.30	1	20.0	3	1			3.81	114.30		
P0614	10.48	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					10.48	0.00
P0618	9.96	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					9.96	0.00
R0105	0.48	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.48	0.00
R0107	4.36	50	26	33.20	9.50	21.90	16.50	4.10	5.00	21.50	2.20	0.60	0.70	2.00	33.50	2	19.0	3	1					4.36	93.74
R0108	7.06	45	25	50.80	15.00	15.40	10.00	1.10	2.50	12.50	23.00	5.60	0.00	3.80	36.30	8	21.0	3	1					7.06	88.25
R0109	28.60	88	26U	4.30	1.50	6.20	4.50	20.70	32.50	37.00	15.00	4.50	0.60	4.00	48.00	1	22.0	3	1	28.60	1058.20				
R0110	12.64	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					12.64	0.00
R0119	2.69	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					2.69	0.00
R0125	1.05	37	31	20.20	6.00	25.90	19.00	15.10	22.00	41.00	5.60	6.70	1.80	7.50	56.50	6	14.0	3	1			1.05	43.05		
R0202	4.06	94	13	0.00	0.00	4.50	2.50	29.00	50.00	52.50	41.70	20.60	1.30	17.50	82.50	7	0.0	3	1			4.06	213.15		
R0218	2.31	46	31P	207.60	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	4	40.0	3	1					2.31	0.00
R0226	2.62	46	13	34.40	9.50	22.00	15.00	10.10	12.50	27.50	23.20	10.20	4.40	15.50	59.00	4	4.0	3	1					2.62	72.05
R0227	5.20	94	31	14.30	5.00	46.30	30.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00	35.00	2	15.0	3	1	5.20	156.00				
R0233	0.03	94	26	23.60	5.50	8.50	6.50	22.10	34.00	40.50	14.50	6.50	2.20	7.00	57.50	2	18.0	3	1	0.03	1.22				
R0301	6.46	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.46	0.00
R0306	2.96	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.96	0.00
R0313	2.42	71	31U	1.40	0.60	5.00	3.50	12.90	24.70	28.20	1.40	1.00	0.20	1.20	30.60	1	24.0	3	1					2.42	68.24
R0363	7.53	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					7.53	0.00
	170.26																			**33.83**	**1,215.42**	**8.92**	**370.50**	**127.51**	**322.28**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
10 = White Pine - Upland Hardwood
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	33.83	**1,215.42**	**8.92**	**370.50**	**127.51**	**322.28**

Suitable and Potentially Suitable	
Acres	BA
42.75	**1,585.92**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
170.26	**1,908.20**

Appendix E. Table 212. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **R01-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
P0601	7.61	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					7.61	0.00
P0604	6.42	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.42	0.00
P0608	37.22	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					37.22	0.00
P0610	4.29	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.29	0.00
P0612	3.81	93	10	0.00	0.00	0.00	0.00	22.40	30.00	30.00	6.90	17.80	5.40	20.00	53.30	1	20.0	51	3	1			3.81	114.30		
P0614	10.48	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					10.48	0.00
P0618	9.96	1	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					9.96	0.00
R0105	0.48	10	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.48	0.00
R0107	4.36	50	26	33.20	9.50	21.90	16.50	4.10	5.00	21.50	2.20	0.60	0.70	2.00	33.50	2	19.0	5	3	1					4.36	93.74
R0108	7.06	45	25	50.80	15.00	15.40	10.00	1.10	2.50	12.50	23.00	5.60	0.00	3.80	36.30	8	21.0	25	3	1					7.06	88.25
R0109	28.60	88	26U	4.30	1.50	6.20	4.50	20.70	32.50	37.00	15.00	4.50	0.60	4.00	48.00	1	22.0	16	3	1			28.60	1058.20		
R0110	12.64	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					12.64	0.00
R0119	2.69	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					2.69	0.00
R0125	1.05	37	31	20.20	6.00	25.90	19.00	15.10	22.00	41.00	5.60	6.70	1.80	7.50	56.50	6	14.0	17	3	1					1.05	43.05
R0202	4.06	94	13	0.00	0.00	4.50	2.50	29.00	50.00	52.50	41.70	20.60	1.30	17.50	82.50	7	0.0	40	3	1			4.06	213.15		
R0218	2.31	46	31P	207.60	40.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	4	40.0	0	3	1					2.31	0.00
R0226	2.62	46	13	34.40	9.50	22.00	15.00	10.10	12.50	27.50	23.20	10.20	4.40	15.50	59.00	4	4.0	31	3	1					2.62	72.05
R0227	5.20	94	31	14.30	5.00	46.30	30.00	0.00	0.00	30.00	0.00	0.00	0.00	0.00	35.00	2	15.0	0	3	1					5.20	156.00
R0233	0.03	94	26	23.60	5.50	8.50	6.50	22.10	34.00	40.50	14.50	6.50	2.20	7.00	57.50	2	18.0	22	3	1			0.03	1.22		
R0301	6.46	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.46	0.00
R0306	2.96	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.96	0.00
R0313	2.42	71	31U	1.40	0.60	5.00	3.50	12.90	24.70	28.20	1.40	1.00	0.20	1.20	30.60	1	24.0	6	3	1					2.42	68.24
R0363	7.53	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					7.53	0.00
	170.26																				**0.00**	**0.00**	**36.50**	**1,386.87**	**133.76**	**521.33**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

POST-PROJECT TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**36.50**	**1,386.87**	**133.76**	**521.33**

Suitable and Potentially Suitable	
Acres	BA
36.50	**1,386.87**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
170.26	**1,908.20**

Appendix E. Table 213. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **R03-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
AOB11	5.10	20	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.10	0.00
HCC103	1.21	82	25	31.20	5.60	13.70	10.00	37.70	65.60	75.60	4.20	0.00	1.00	2.20	84.50	6	16.0	3	1			1.21	91.48		
HCC104	6.97	82	26	10.40	2.50	9.10	6.50	28.60	51.00	57.50	12.00	2.90	1.90	5.00	68.00	1	16.0	3	1	6.97	400.78				
HCC106	4.97	28	13	59.40	15.00	9.00	5.00	0.00	0.00	5.00	23.50	0.00	0.00	0.00	25.00	7	2.0	3	1					4.97	24.85
HCC111	5.28	95	26	44.90	13.50	9.20	6.50	14.00	26.50	33.00	4.10	1.30	0.80	2.40	50.70	2	15.0	3	1	5.28	174.24				
HCC112	9.14	94	26U	3.30	1.30	19.60	16.30	10.60	13.80	30.10	0.00	0.00	0.00	0.00	31.40	1	16.0	3	1	9.14	275.11				
HCC115	22.19	87	26U	3.80	1.50	18.10	14.50	11.80	18.50	33.00	1.80	1.50	0.90	3.00	38.00	1	22.0	3	1	22.19	732.27				
HCC92	1.68	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.68	0.00
R0203	3.33	85	25	53.20	16.30	27.40	20.00	25.50	36.30	56.30	26.10	8.50	3.30	11.30	91.40	7	0.0	3	1			3.33	187.48		
R0210	12.74	65	25	37.20	13.00	20.60	14.00	8.70	12.50	26.50	8.30	6.30	6.20	15.00	57.00	3	14.0	3	1					12.74	337.61
R0230	3.05	85	13	97.80	27.50	85.40	57.50	9.90	12.50	70.00	27.20	7.50	2.00	7.50	115.00	1	0.0	3	1			3.05	213.50		
R0231	10.35	46	26U	46.80	12.50	21.20	15.00	11.70	16.00	31.00	13.60	0.00	1.70	2.00	48.00	1	24.0	3	1	10.35	320.85				
R0233	2.35	94	26	23.60	5.50	8.50	6.50	22.10	34.00	40.50	14.50	6.50	2.20	7.00	57.50	2	18.0	3	1	2.35	95.18				
R0311	1.95	74	31U	0.00	0.00	1.70	1.10	17.90	37.80	38.90	0.00	0.00	0.00	0.00	38.90	1	10.0	3	1	1.95	75.86				
R0312	6.05	71	31	7.50	3.30	28.50	20.00	22.00	26.70	46.70	0.00	0.00	2.00	3.30	53.30	1	40.0	3	1	6.05	282.54				
R0313	17.81	71	31U	1.40	0.60	5.00	3.50	12.90	24.70	28.20	1.40	1.00	0.20	1.20	30.60	1	24.0	3	1					17.81	502.24
R0317	28.51	0	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					28.51	0.00
R0319	11.13	95	26	43.80	13.20	17.00	11.60	17.60	28.90	40.50	15.80	8.30	6.00	15.30	73.70	1	6.0	3	1	11.13	450.77				
R0323	0.01	89	10	0.00	0.00	11.20	8.80	20.20	33.80	42.60	8.40	6.10	8.10	18.80	63.90	1	1.0	3	1	0.01	0.43				
R0326	4.67	82	26	10.40	2.50	9.10	6.50	28.60	51.00	57.50	12.00	2.90	1.90	5.00	68.00	1	16.0	3	1	4.67	268.53				
R0330	13.69	0	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					13.69	0.00
R0331	1.47	89	10	6.00	1.60	2.60	2.10	20.20	36.80	38.90	8.20	10.00	10.70	23.10	66.20	2	3.0	3	1	1.47	57.18				
R0332	20.19	0	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					20.19	0.00
R0335	6.36	82	25	31.20	5.60	13.70	10.00	37.70	65.60	75.60	4.20	0.00	1.00	2.20	84.50	6	16.0	3	1			6.36	480.82		
R0365	3.41	82	21	0.00	0.00	3.50	3.30	34.70	56.70	60.00	0.00	0.00	0.00	0.00	60.00	1	20.0	3	1	3.41	204.60				
R0438	8.59	94	26	7.70	3.30	19.70	13.30	9.50	15.60	28.90	11.20	8.00	4.30	12.30	47.80	1	14.0	0	0					8.59	248.25
R0442	0.34	99	31	0.00	0.00	4.80	3.80	30.10	48.80	52.60	8.70	6.40	5.70	13.80	68.90	1	8.0	3	1	0.34	17.88				
R0467	4.51	4	21P	0.00	0.00	4.10	3.30	4.90	8.30	11.60	0.00	0.00	3.20	5.00	16.60	1	23.0	3	1					4.51	52.32
S0208	0.01	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.01	0.00
	217.06																			**85.31**	**3,356.22**	**13.95**	**973.28**	**117.80**	**1,165.27**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
10 = White Pine - Upland Hardwood
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
AOB11					5.10	0.00
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**5.10**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
85.31	**3,356.22**	**13.95**	**973.28**	**112.70**	**1,165.27**

Suitable and Potentially Suitable	
Acres	BA
99.26	**4,329.50**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
211.96	**5,494.77**

Appendix E. Table 214. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **R03-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
AOB11	5.10	20	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.10	0.00
HCC103	1.21	82	25	31.20	5.60	13.70	10.00	37.70	65.60	75.60	4.20	0.00	1.00	2.20	84.50	6	16.0	2	3	1			1.21	91.48		
HCC104	6.97	82	26	10.40	2.50	9.10	6.50	28.60	51.00	57.50	12.00	2.90	1.90	5.00	68.00	1	16.0	11	3	1			6.97	400.78		
HCC106	4.97	28	13	59.40	15.00	9.00	5.00	0.00	0.00	5.00	23.50	0.00	0.00	0.00	25.00	7	2.0	0	3	1					4.97	24.85
HCC111	5.28	95	26	44.90	13.50	9.20	6.50	14.00	26.50	33.00	4.10	1.30	0.80	2.40	50.70	2	15.0	8	3	1					5.28	174.24
HCC112	9.14	94	26U	3.30	1.30	19.60	16.30	10.60	13.80	30.10	0.00	0.00	0.00	0.00	31.40	1	16.0	0	3	1					9.14	275.11
HCC115	22.19	87	26U	3.80	1.50	18.10	14.50	11.80	18.50	33.00	1.80	1.50	0.90	3.00	38.00	1	22.0	7	3	1					22.19	732.27
HCC92	1.68	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.68	0.00
R0203	3.33	85	25	53.20	16.30	27.40	20.00	25.50	36.30	56.30	26.10	8.50	3.30	11.30	91.40	7	0.0	18	3	1			3.33	187.48		
R0210	12.74	65	25	37.20	13.00	20.60	14.00	8.70	12.50	26.50	8.30	6.30	6.20	15.00	57.00	3	14.0	30	3	1					12.74	337.61
R0230	3.05	85	13	97.80	27.50	85.40	57.50	9.90	12.50	70.00	27.20	7.50	2.00	7.50	115.00	1	0.0	9	3	1					3.05	213.50
R0231	10.35	46	26U	46.80	12.50	21.20	15.00	11.70	16.00	31.00	13.60	0.00	1.70	2.00	48.00	1	24.0	5	3	1					10.35	320.85
R0233	2.35	94	26	23.60	5.50	8.50	6.50	22.10	34.00	40.50	14.50	6.50	2.20	7.00	57.50	2	18.0	22	3	1			2.35	95.18		
R0311	1.95	74	31U	0.00	0.00	1.70	1.10	17.90	37.80	38.90	0.00	0.00	0.00	0.00	38.90	1	10.0	0	3	1					1.95	75.86
R0312	6.05	71	31	7.50	3.30	28.50	20.00	22.00	26.70	46.70	0.00	0.00	2.00	3.30	53.30	1	40.0	4	3	1	6.05	282.54				
R0313	17.81	71	31U	1.40	0.60	5.00	3.50	12.90	24.70	28.20	1.40	1.00	0.20	1.20	30.60	1	24.0	6	3	1					17.81	502.24
R0317	28.51	0	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					28.51	0.00
R0319	11.13	95	26	43.80	13.20	17.00	11.60	17.60	28.90	40.50	15.80	8.30	6.00	15.30	73.70	1	6.0	29	3	1					11.13	450.77
R0323	0.01	89	10	0.00	0.00	11.20	8.80	20.20	33.80	42.60	8.40	6.10	8.10	18.80	63.90	1	1.0	31	3	1			0.01	0.43		
R0326	4.67	82	26	10.40	2.50	9.10	6.50	28.60	51.00	57.50	12.00	2.90	1.90	5.00	68.00	1	16.0	11	3	1			4.67	268.53		
R0330	13.69	0	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					13.69	0.00
R0331	1.47	89	10	6.00	1.60	2.60	2.10	20.20	36.80	38.90	8.20	10.00	10.70	23.10	66.20	2	3.0	48	3	1					1.47	57.18
R0332	20.19	0	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					20.19	0.00
R0335	6.36	82	25	31.20	5.60	13.70	10.00	37.70	65.60	75.60	4.20	0.00	1.00	2.20	84.50	6	16.0	2	3	1			6.36	480.82		
R0365	3.41	82	21	0.00	0.00	3.50	3.30	34.70	56.70	60.00	0.00	0.00	0.00	0.00	60.00	1	20.0	0	3	1			3.41	204.60		
R0438	8.59	94	26	7.70	3.30	19.70	13.30	9.50	15.60	28.90	11.20	8.00	4.30	12.30	47.80	1	14.0	30	0	0					8.59	248.25
R0442	0.34	99	31	0.00	0.00	4.80	3.80	30.10	48.80	52.60	8.70	6.40	5.70	13.80	68.90	1	8.0	26	3	1			0.34	17.88		
R0467	4.51	4	21P	0.00	0.00	4.10	3.30	4.90	8.30	11.60	0.00	0.00	3.20	5.00	16.60	1	23.0	26	3	1					4.51	52.32
S0208	0.01	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.01	0.00
	217.06																				**6.05**	**282.54**	**28.65**	**1,747.18**	**182.36**	**3,465.05**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
AOB11					5.10	0.00
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**5.10**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
6.05	**282.54**	**28.65**	**1,747.18**	**177.26**	**3,465.05**

Suitable and Potentially Suitable

Acres	BA
34.70	**2,029.72**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
211.96	**5,494.77**

Appendix E. Table 215. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **S02-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
HCC33	12.53	3	21P	15.20	5.00	1.60	1.00	5.30	8.00	9.00	2.50	2.80	0.30	2.50	17.50	2	18.0	3	1					12.53	112.77
HCC38	0.41	114	26	31.80	8.50	17.50	12.50	11.70	21.50	34.00	34.10	5.00	1.90	6.50	58.50	2	7.0	3	1					0.41	13.94
HCC85	4.46	77	26	8.00	3.00	7.50	5.50	16.50	27.50	33.00	4.90	1.30	2.50	5.00	42.00	2	23.0	3	1	4.46	147.18				
HCC88	3.12	59	26	18.30	5.00	2.30	1.50	11.90	24.00	25.50	2.20	1.20	1.30	4.50	35.50	1	30.0	3	1					3.12	79.56
HCC90	3.15	33	26	25.60	6.30	3.30	2.50	0.70	1.30	3.80	0.00	0.00	0.00	0.00	10.10	1	58.0	3	1					3.15	11.97
HCC91	5.71	78	26	18.60	5.50	17.90	13.00	16.70	30.50	43.50	5.70	3.50	1.80	5.50	56.50	1	25.0	3	1	5.71	248.39				
HCC92	3.27	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.27	0.00
HCC99	7.71	100	26U	3.60	1.50	6.10	4.50	24.20	47.00	51.50	5.20	0.90	1.90	4.00	58.50	2	17.0	3	1	7.71	397.07				
R0440	1.63	82	31	77.60	24.00	15.30	12.00	10.90	20.00	32.00	0.00	6.10	1.30	6.00	62.00	1	28.0	3	1					1.63	52.16
R0467	0.29	4	21P	0.00	0.00	4.10	3.30	4.90	8.30	11.60	0.00	0.00	3.20	5.00	16.60	1	23.0	3	1					0.29	3.36
S0120	7.12	74	26U	7.60	2.40	12.90	9.40	12.40	17.60	27.00	0.00	0.60	0.00	0.60	30.00	1	14.0	3	1					7.12	192.24
S0125	0.25	92	26	33.10	9.50	21.60	15.00	15.40	24.00	39.00	1.20	2.70	0.00	1.50	50.50	1	12.0	3	1					0.25	9.75
S0132	16.72	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					16.72	0.00
S0202	12.30	2	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					12.30	0.00
S0208	3.73	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.73	0.00
S0217	6.06	100	26U	3.60	1.50	6.10	4.50	24.20	47.00	51.50	5.20	0.90	1.90	4.00	58.50	2	17.0	3	1	6.06	312.09				
S0218	18.10	51	25U	12.60	4.50	19.00	13.00	17.00	29.50	42.50	2.30	1.50	2.10	4.00	51.50	1	12.0	3	1	18.10	769.25				
S0219	10.65	51	25U	12.60	4.50	19.00	13.00	17.00	29.50	42.50	2.30	1.50	2.10	4.00	51.50	1	12.0	3	1	10.65	452.63				
S0221	2.31	14	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.31	0.00
S0222	28.38	70	26	21.40	6.00	23.00	16.50	14.40	21.00	37.50	6.80	1.10	0.80	2.50	48.00	1	26.0	3	1	28.38	1064.25				
S0229	7.92	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					7.92	0.00
VPR04	0.92	82	25	70.40	20.00	30.50	22.00	16.00	22.50	44.50	7.50	1.50	1.30	3.00	70.00	2	16.0	3	1					0.92	40.94
	156.74																			**81.07**	**3,390.86**	**0.00**	**0.00**	**75.67**	**516.69**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
ND = No data taken

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
HCC33					12.53	112.77
HCC85	4.46	147.18				
TOTALS	**4.46**	**147.18**	**0.00**	**0.00**	**12.53**	**112.77**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
76.61	**3,243.68**	**0.00**	**0.00**	**63.14**	**403.92**

Suitable and Potentially Suitable

Acres	BA
76.61	**3,243.68**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
139.75	**3,647.60**

Appendix E. Table 216. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **S02-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
HCC33	12.53	3	21P	15.20	5.00	1.60	1.00	5.30	8.00	9.00	2.50	2.80	0.30	2.50	17.50	2	18.0	31	3	1					12.53	112.77
HCC38	0.41	114	26	31.80	8.50	17.50	12.50	11.70	21.50	34.00	34.10	5.00	1.90	6.50	58.50	2	7.0	19	3	1					0.41	13.94
HCC85	4.46	77	26	8.00	3.00	7.50	5.50	16.50	27.50	33.00	4.90	1.30	2.50	5.00	42.00	2	23.0	14	3	1					4.46	147.18
HCC88	3.12	59	26	18.30	5.00	2.30	1.50	11.90	24.00	25.50	2.20	1.20	1.30	4.50	35.50	1	30.0	15	3	1					3.12	79.56
HCC90	3.15	33	26	25.60	6.30	3.30	2.50	0.70	1.30	3.80	0.00	0.00	0.00	0.00	10.10	1	58.0	0	3	1					3.15	11.97
HCC91	5.71	78	26	18.60	5.50	17.90	13.00	16.70	30.50	43.50	5.70	3.50	1.80	5.50	56.50	1	25.0	13	3	1					5.71	248.39
HCC92	3.27	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.27	0.00
HCC99	7.71	100	26U	3.60	1.50	6.10	4.50	24.20	47.00	51.50	5.20	0.90	1.90	4.00	58.50	2	17.0	8	3	1	7.71	397.07				
R0440	1.63	82	31	77.60	24.00	15.30	12.00	10.90	20.00	32.00	0.00	6.10	1.30	6.00	62.00	1	28.0	22	3	1					1.63	52.16
R0467	0.29	4	21P	0.00	0.00	4.10	3.30	4.90	8.30	11.60	0.00	0.00	3.20	5.00	16.60	1	23.0	26	3	1					0.29	3.36
S0120	7.12	74	26U	7.60	2.40	12.90	9.40	12.40	17.60	27.00	0.00	0.60	0.00	0.60	30.00	1	14.0	2	3	1					7.12	192.24
S0125	0.25	92	26	33.10	9.50	21.60	15.00	15.40	24.00	39.00	1.20	2.70	0.00	1.50	50.50	1	12.0	7	3	1					0.25	9.75
S0132	16.72	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					16.72	0.00
S0202	12.30	2	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					12.30	0.00
S0208	3.73	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.73	0.00
S0217	6.06	100	26U	3.60	1.50	6.10	4.50	24.20	47.00	51.50	5.20	0.90	1.90	4.00	58.50	2	17.0	8	3	1	6.06	312.09				
S0218	18.10	51	25U	12.60	4.50	19.00	13.00	17.00	29.50	42.50	2.30	1.50	2.10	4.00	51.50	1	12.0	9	3	1					18.10	769.25
S0219	10.65	51	25U	12.60	4.50	19.00	13.00	17.00	29.50	42.50	2.30	1.50	2.10	4.00	51.50	1	12.0	9	3	1					10.65	452.63
S0221	2.31	14	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.31	0.00
S0222	28.38	70	26	21.40	6.00	23.00	16.50	14.40	21.00	37.50	6.80	1.10	0.80	2.50	48.00	1	26.0	5	3	1					28.38	1,064.25
S0229	7.92	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					7.92	0.00
VPR04	0.92	82	25	70.40	20.00	30.50	22.00	16.00	22.50	44.50	7.50	1.50	1.30	3.00	70.00	2	16.0	6	3	1					0.92	40.94
	156.74																				**0.00**	**0.00**	**13.77**	**709.16**	**142.97**	**3,198.39**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
ND = No data taken

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	HCC33					12.53	112.77
	HCC85					4.46	147.18
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**16.99**	**259.95**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**13.77**	**709.16**	**125.98**	**2,938.44**

Suitable and Potentially Suitable	
Acres	BA
13.77	**709.16**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
139.75	**3,647.60**

Appendix E. Table 217. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **S02-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
R0440	0.01	82	31	77.60	24.00	15.30	12.00	10.90	20.00	32.00	0.00	6.10	1.30	6.00	62.00	1	28.0	3	1			0.01	0.32		
R0468	3.13	82	25	70.40	20.00	30.50	22.00	16.00	22.50	44.50	7.50	1.50	1.30	3.00	70.00	2	16.0	3	1			3.13	139.29		
S0125	6.44	92	26	33.10	9.50	21.60	15.00	15.40	24.00	39.00	1.20	2.70	0.00	1.50	50.50	1	12.0	3	1	6.44	251.16				
S0132	0.86	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.86	0.00
S0202	0.10	2	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.10	0.00
S0219	2.87	51	25U	12.60	4.50	19.00	13.00	17.00	29.50	42.50	2.30	1.50	2.10	4.00	51.50	1	12.0	3	1	2.87	121.98				
S0222	0.27	70	26	21.40	6.00	23.00	16.50	14.40	21.00	37.50	6.80	1.10	0.80	2.50	48.00	1	26.0	3	1	0.27	10.13				
S0223	43.85	109	26	10.20	3.50	9.70	7.50	25.30	38.50	46.00	0.00	0.00	0.20	0.50	50.00	4	10.0	3	1	43.85	2017.10				
S0303	26.86	5	26U	43.50	11.50	19.20	13.00	7.10	11.00	24.00	4.30	0.90	1.00	2.00	38.50	1	24.0	3	1					26.86	644.64
S0311	4.06	5	26U	21.10	6.00	30.70	19.00	8.20	14.50	33.50	0.00	0.00	0.00	0.00	39.50	1	26.0	3	1					4.06	136.01
S0312	19.41	85	26U	9.00	2.50	3.60	3.00	24.10	48.00	51.00	3.80	0.00	0.90	2.00	57.00	1	13.0	3	1	19.41	989.91				
VPR04	3.96	82	25	70.40	20.00	30.50	22.00	16.00	22.50	44.50	7.50	1.50	1.30	3.00	70.00	2	16.0	3	1			3.96	176.22		
	111.82																			**72.84**	**3,390.28**	**7.10**	**315.83**	**31.88**	**780.65**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
R0468			3.13	139.29		
S0202					0.10	0.00
S0219	2.87	121.98				
VPR04			3.96	176.22		
TOTALS	**2.87**	**121.98**	**7.09**	**315.51**	**0.10**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
69.97	**3,268.30**	**0.01**	**0.32**	**31.78**	**780.65**

Suitable and Potentially Suitable

Acres	BA
69.98	**3,268.62**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
101.76	**4,049.27**

Appendix E. Table 218. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **S02-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
R0440	0.01	82	31	77.60	24.00	15.30	12.00	10.90	20.00	32.00	0.00	6.10	1.30	6.00	62.00	1	28.0	22	3	1					0.01	0.32
R0468	3.13	82	25	70.40	20.00	30.50	22.00	16.00	22.50	44.50	7.50	1.50	1.30	3.00	70.00	2	16.0	6	3	1					3.13	139.29
S0125	6.44	92	26	33.10	9.50	21.60	15.00	15.40	24.00	39.00	1.20	2.70	0.00	1.50	50.50	1	12.0	7	3	1					6.44	251.16
S0132	0.86	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.86	0.00
S0202	0.10	2	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.10	0.00
S0219	2.87	51	25U	12.60	4.50	19.00	13.00	17.00	29.50	42.50	2.30	1.50	2.10	4.00	51.50	1	12.0	9	3	1					2.87	121.98
S0222	0.27	70	26	21.40	6.00	23.00	16.50	14.40	21.00	37.50	6.80	1.10	0.80	2.50	48.00	1	26.0	5	3	1					0.27	10.13
S0223	43.85	109	26	10.20	3.50	9.70	7.50	25.30	38.50	46.00	0.00	0.00	0.20	0.50	50.00	4	10.0	1	3	1			43.85	2017.10		
S0303	26.86	5	26U	43.50	11.50	19.20	13.00	7.10	11.00	24.00	4.30	0.90	1.00	2.00	38.50	1	24.0	7	3	1					26.86	644.64
S0311	4.06	5	26U	21.10	6.00	30.70	19.00	8.20	14.50	33.50	0.00	0.00	0.00	0.00	39.50	1	26.0	0	3	1					4.06	136.01
S0312	19.41	85	26U	9.00	2.50	3.60	3.00	24.10	48.00	51.00	3.80	0.00	0.90	2.00	57.00	1	13.0	3	3	1			19.41	989.91		
VPR04	3.96	82	25	70.40	20.00	30.50	22.00	16.00	22.50	44.50	7.50	1.50	1.30	3.00	70.00	2	16.0	6	3	1					3.96	176.22
	111.82																				**0.00**	**0.00**	**63.26**	**3,007.01**	**48.56**	**1,479.75**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	R0468					3.13	139.29
	S0202					0.10	0.00
	S0219					2.87	121.98
	VPR04					3.96	176.22
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**10.06**	**437.49**

	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**63.26**	**3,007.01**	**38.50**	**1,042.26**
BASELINE TOTALS	**Suitable and Potentially Suitable**					
	Acres		BA			
	63.26		**3,007.01**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	101.76		**4,049.27**			

Appendix E. Table 219. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **S04-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
HCC38	4.80	114	26	31.80	8.50	17.50	12.50	11.70	21.50	34.00	34.10	5.00	1.90	6.50	58.50	2	7.0	3	1					4.80	163.20
HCC76	0.60	79	26U	21.30	5.50	7.50	5.50	13.90	21.50	27.00	0.00	0.60	1.00	2.00	34.50	1	2.0	3	1					0.60	16.20
HCC98	0.00	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.00	0.00
S0125	12.50	92	26	33.10	9.50	21.60	15.00	15.40	24.00	39.00	1.20	2.70	0.00	1.50	50.50	1	12.0	3	1	12.50	487.50				
S0132	19.10	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					19.10	0.00
S0223	1.90	109	26	10.20	3.50	9.70	7.50	25.30	38.50	46.00	0.00	0.00	0.20	0.50	50.00	4	10.0	3	1	1.90	87.40				
S0312	1.60	85	26U	9.00	2.50	3.60	3.00	24.10	48.00	51.00	3.80	0.00	0.90	2.00	57.00	1	13.0	3	1	1.60	81.60				
S0401	41.20	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					41.20	0.00
S0405	9.00	68	26U	14.50	4.00	17.10	13.00	7.80	11.50	24.50	1.00	1.70	0.20	2.00	31.00	1	39.0	3	1					9.00	220.50
S0406	2.50	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					2.50	0.00
S0407	8.50	68	26U	7.80	3.30	28.00	23.30	6.50	8.90	32.20	0.00	0.00	0.00	0.00	35.50	1	37.0	3	1	8.50	273.70				
	101.70																			**24.50**	**930.20**	**0.00**	**0.00**	**77.20**	**399.90**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
24.50	**930.20**	**0.00**	**0.00**	**77.20**	**399.90**

Suitable and Potentially Suitable

Acres	BA
24.50	**930.20**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
101.70	**1,330.10**

Appendix E. Table 220. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **S04-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
HCC38	4.80	114	26	31.80	8.50	17.50	12.50	11.70	21.50	34.00	34.10	5.00	1.90	6.50	58.50	2	7.0	19	3	1					4.80	163.20
HCC76	0.60	79	26U	21.30	5.50	7.50	5.50	13.90	21.50	27.00	0.00	0.60	1.00	2.00	34.50	1	2.0	0	3	1					0.60	16.20
HCC98	0.00	4	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.00	0.00
S0125	12.50	92	26	33.10	9.50	21.60	15.00	15.40	24.00	39.00	1.20	2.70	0.00	1.50	50.50	1	12.0	7	3	1					12.50	487.50
S0132	19.10	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					19.10	0.00
S0223	1.90	109	26	10.20	3.50	9.70	7.50	25.30	38.50	46.00	0.00	0.00	0.20	0.50	50.00	4	10.0	0	3	1			1.90	87.40		
S0312	1.60	85	26U	9.00	2.50	3.60	3.00	24.10	48.00	51.00	3.80	0.00	0.90	2.00	57.00	1	13.0	0	3	1			1.60	81.60		
S0401	41.20	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					41.20	0.00
S0405	9.00	68	26U	14.50	4.00	17.10	13.00	7.80	11.50	24.50	1.00	1.70	0.20	2.00	31.00	1	39.0	0	3	1					9.00	220.50
S0406	2.50	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					2.50	0.00
S0407	8.50	68	26U	7.80	3.30	28.00	23.30	6.50	8.90	32.20	0.00	0.00	0.00	0.00	35.50	1	37.0	0	3	1					8.50	273.70
	101.70																				**0.00**	**0.00**	**3.50**	**169.00**	**98.20**	**1,161.10**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**3.50**	**169.00**	**98.20**	**1,161.10**
	Suitable and Potentially Suitable					
	Acres		BA			
	3.50		**169.00**			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	101.70		**1,330.10**			

Appendix E. Table 221. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **S04-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
C0205	5.48	78	26U	4.20	1.50	9.00	6.00	17.50	31.00	37.00	0.00	0.00	0.00	0.00	38.50	1	25.0	3	1	5.48	202.76				
HCC76	9.54	79	26U	21.30	5.50	7.50	5.50	13.90	21.50	27.00	0.00	0.60	1.00	2.00	34.50	1	2.0	3	1					9.54	257.58
S0303	3.71	5	26U	43.50	11.50	19.20	13.00	7.10	11.00	24.00	4.30	0.90	1.00	2.00	38.50	1	24.0	3	1					3.71	89.04
S0307	4.95	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					4.95	0.00
S0309	25.99	64	26	11.00	3.00	12.10	9.00	17.00	30.00	39.00	3.10	0.80	2.20	4.50	47.50	4	18.0	3	1	25.99	1013.61				
S0310	5.90	75	31	3.30	0.50	18.30	14.00	14.70	21.00	35.00	0.00	0.00	0.30	0.50	36.00	1	30.0	3	1	5.90	206.50				
S0311	5.27	5	26U	21.10	6.00	30.70	19.00	8.20	14.50	33.50	0.00	0.00	0.00	0.00	39.50	1	26.0	3	1					5.27	176.55
S0312	0.41	85	26U	9.00	2.50	3.60	3.00	24.10	48.00	51.00	3.80	0.00	0.90	2.00	57.00	1	13.0	3	1	0.41	20.91				
S0401	5.18	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.18	0.00
S0403	33.54	68	26U	14.50	3.70	14.20	10.50	11.20	19.50	30.00	4.70	0.00	0.00	0.00	35.30	1	29.0	3	1	33.54	1006.20				
S0404	1.38	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					1.38	0.00
S0406	48.84	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					48.84	0.00
S0407	0.41	68	26U	7.80	3.30	28.00	23.30	6.50	8.90	32.20	0.00	0.00	0.00	0.00	35.50	1	37.0	3	1	0.41	13.20				
	150.60																			**71.73**	**2,463.18**	**0.00**	**0.00**	**78.87**	**523.17**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially sitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
71.73	**2,463.18**	**0.00**	**0.00**	**78.87**	**523.17**

Suitable and Potentially Suitable

Acres	BA
71.73	**2,463.18**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
150.60	**2,986.35**

Appendix E. Table 222. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **S04-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
C0205	5.48	78	26U	4.20	1.50	9.00	6.00	17.50	31.00	37.00	0.00	0.00	0.00	0.00	38.50	1	25.0	0	3	1					5.48	202.76
HCC76	9.54	79	26U	21.30	5.50	7.50	5.50	13.90	21.50	27.00	0.00	0.60	1.00	2.00	34.50	1	2.0	7	3	1					9.54	257.58
S0303	3.71	5	26U	43.50	11.50	19.20	13.00	7.10	11.00	24.00	4.30	0.90	1.00	2.00	38.50	1	24.0	7	3	1					3.71	89.04
S0307	4.95	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					4.95	0.00
S0309	25.99	64	26	11.00	3.00	12.10	9.00	17.00	30.00	39.00	3.10	0.80	2.20	4.50	47.50	4	18.0	9	3	1					25.99	1,013.61
S0310	5.90	75	31	3.30	0.50	18.30	14.00	14.70	21.00	35.00	0.00	0.00	0.30	0.50	36.00	1	30.0	1	3	1					5.90	206.50
S0311	5.27	5	26U	21.10	6.00	30.70	19.00	8.20	14.50	33.50	0.00	0.00	0.00	0.00	39.50	1	26.0	0	3	1					5.27	176.55
S0312	0.41	85	26U	9.00	2.50	3.60	3.00	24.10	48.00	51.00	3.80	0.00	0.90	2.00	57.00	1	13.0	3	3	1			0.41	20.91		
S0401	5.18	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.18	0.00
S0403	33.54	68	26U	14.50	3.70	14.20	10.50	11.20	19.50	30.00	4.70	0.00	0.00	0.00	35.30	1	29.0	0	3	1					33.54	1,006.20
S0404	1.38	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					1.38	0.00
S0406	48.84	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					48.84	0.00
S0407	0.41	68	26U	7.80	3.30	28.00	23.30	6.50	8.90	32.20	0.00	0.00	0.00	0.00	35.50	1	37.0	0	3	1					0.41	13.20
	150.60																				**0.00**	**0.00**	**0.41**	**20.91**	**150.19**	**2,965.44**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	0.41	20.91	150.19	2,965.44
	Suitable and Potentially Suitable					
	Acres		BA			
	0.41		20.91			
	Total Manageable Potentially Contiguous Pine Habitat					
	Acres		BA			
	150.60		2,986.35			

Appendix E. Table 223. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **SHC-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability							
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential		Minimally Managed Pine-Dominated	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA	Acres	BA
SHC10	9.29	82	25	41.60	8.70	7.60	5.30	7.50	13.30	18.60	11.80	7.30	2.50	10.60	42.60	1	7.0	3	1					9.29	172.79		
SHC11	7.20	82	26	27.90	6.50	10.60	7.50	16.30	31.00	38.50	10.00	1.10	1.80	3.50	52.00	2	20.0	3	1	7.20	277.20						
SHC25	14.28	86	25	4.70	1.40	4.20	2.90	12.00	25.00	27.90	8.40	2.60	4.40	10.00	42.90	1	13.0	0	0					14.28	398.41		
SHC26	32.72	57	25	14.70	4.50	12.10	8.50	16.70	32.00	40.50	0.00	1.40	0.20	1.50	46.50	1	10.0	3	1	32.72	1325.16						
SHC27	36.14	89	26	31.60	9.50	10.30	8.00	19.50	35.00	43.00	2.60	1.70	0.30	2.50	56.00	5	26.0	3	1	36.14	1554.02						
SHC29	0.18	56	25	34.40	12.00	16.50	12.00	10.00	14.00	26.00	0.00	0.00	1.60	2.00	40.00	1	22.0	3	1					0.18	4.68		
SHC40	16.82	102	25	37.40	13.00	45.30	30.50	10.20	14.00	44.50	8.90	0.50	0.70	2.00	62.00	1	30.0	3	1	16.82	748.49						
SHC41	7.40	98	26	6.10	2.90	5.80	4.30	14.90	32.90	37.20	0.00	0.00	0.70	1.40	41.50	1	3.0	3	1	7.40	275.28						
SHC51	0.25	15	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	6	2							0.25	0.00
SHC52	3.72	17	31	194.00	47.50	28.10	17.50	0.00	0.00	17.50	26.10	9.60	3.50	10.00	82.50	5	2.0	3	1					3.72	65.10		
SHC55	9.78	92	26	38.30	8.90	4.70	3.20	8.90	20.50	23.70	0.00	0.00	0.00	0.00	32.60	1	62.0	3	1					9.78	231.79		
SHC66	18.68	105	25	48.70	10.00	3.10	2.40	8.80	17.60	20.00	0.00	0.00	1.30	1.80	31.80	1	14.0	0	0					18.68	373.60		
	156.46																			**100.28**	**4,180.15**	**0.00**	**0.00**	**55.93**	**1,246.37**	0.25	0.00

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
ND = No data taken

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential		Minimally Managed	
	Acres	BA	Acres	BA	Acres	BA	Acres	BA
SHC25					14.28	398.41		
SHC29					0.18	4.68		
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**14.46**	**403.09**	**0.00**	**0.00**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential		Minimally Managed	
Acres	BA	Acres	BA	Acres	BA	Acres	BA
100.28	**4,180.15**	**0.00**	**0.00**	**41.47**	**843.28**	**0.25**	**0.00**

Suitable and Potentially Suitable

Acres	BA
100.28	**4,180.15**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
141.75	**5,023.43**

Appendix E. Table 224. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **SHC-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability							
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential		Minimally Managed Pine-Dominated	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA	Acres	BA
SHC10	9.29	82	25	41.60	8.70	7.60	5.30	7.50	13.30	18.60	11.80	7.30	2.50	10.60	42.60	1	7.0	39	3	1					9.29	172.79		
SHC11	7.20	82	26	27.90	6.50	10.60	7.50	16.30	31.00	38.50	10.00	1.10	1.80	3.50	52.00	2	20.0	10	3	1					7.20	277.20		
SHC25	14.28	86	25	4.70	1.40	4.20	2.90	12.00	25.00	27.90	8.40	2.60	4.40	10.00	42.90	1	13.0	30	3	1					14.28	398.41		
SHC26	32.72	57	25	14.70	4.50	12.10	8.50	16.70	32.00	40.50	0.00	1.40	0.20	1.50	46.50	1	10.0	5	3	1					32.72	1,325.16		
SHC27	36.14	89	26	31.60	9.50	10.30	8.00	19.50	35.00	43.00	2.60	1.70	0.30	2.50	56.00	5	26.0	6	3	1			36.14	1554.02				
SHC29	0.18	56	25	34.40	12.00	16.50	12.00	10.00	14.00	26.00	0.00	0.00	1.60	2.00	40.00	1	22.0	6	3	1					0.18	4.68		
SHC40	16.82	102	25	37.40	13.00	45.30	30.50	10.20	14.00	44.50	8.90	0.50	0.70	2.00	62.00	1	30.0	2	3	1					16.82	748.49		
SHC41	7.40	98	26	6.10	2.90	5.80	4.30	14.90	32.90	37.20	0.00	0.00	0.70	1.40	41.50	1	3.0	3	3	1					7.40	275.28		
SHC51	0.25	15	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1							0.25	0.00
SHC52	3.72	17	31	194.00	47.50	28.10	17.50	0.00	0.00	17.50	26.10	9.60	3.50	10.00	82.50	5	2.0	32	3	1					3.72	65.10		
SHC55	9.78	92	26	38.30	8.90	4.70	3.20	8.90	20.50	23.70	0.00	0.00	0.00	0.00	32.60	1	62.0	0	3	1					9.78	231.79		
SHC66	18.68	105	25	48.70	10.00	3.10	2.40	8.80	17.60	20.00	0.00	0.00	1.30	1.80	31.80	1	14.0	10	3	1					18.68	373.60		
	156.46																				**0.00**	**0.00**	**36.14**	**1,554.02**	**120.07**	**3,872.50**	**0.25**	**0.00**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
ND = No data taken

Value does not meet Recovery Standard requirements

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential		Minimally Managed	
	Acres	BA	Acres	BA	Acres	BA	Acres	BA
SHC25					14.28	398.41		
SHC29					0.18	4.68		
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**14.46**	**403.09**		

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential		Minimally Managed	
Acres	BA	Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**36.14**	**1,554.02**	**105.61**	**3,469.41**	**0.25**	**0.00**

Suitable and Potentially Suitable	
Acres	BA
36.14	**1,554.02**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
141.75	**5,023.43**

Appendix E. Table 225. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **SHC-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
M0694	0.16	0	21P	0.00	0.00	2.50	1.80	2.30	4.50	6.30	0.00	0.00	0.00	0.00	6.30	1	14.0	0	0					0.16	1.01
M0698	0.27	0	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0					0.27	0.00
M0723	8.68	94	31U	6.90	3.00	16.80	11.00	8.50	17.00	28.00	0.00	0.00	0.00	0.00	31.00	1	1.0	3	1					8.68	243.04
SHC103	13.90	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					13.90	0.00
SHC104	16.99	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					16.99	0.00
SHC105	14.98	5	21P	20.20	5.30	12.60	8.70	6.40	9.30	18.00	2.30	0.00	0.40	0.70	24.70	1	23.0	3	1					14.98	269.64
SHC106	0.95	54	31	16.40	4.00	24.80	16.00	13.30	18.00	34.00	0.00	0.00	0.00	0.00	38.00	1	24.0	3	1	0.95	32.30				
SHC107	13.97	82	21	2.30	0.90	5.90	4.50	26.30	48.20	52.70	0.00	0.00	0.00	0.00	53.60	1	22.0	3	1					13.97	736.22
SHC108	4.77	82	21U	2.30	0.90	5.90	4.50	26.30	48.20	52.70	0.00	0.00	0.00	0.00	53.60	1	22.0	3	1					4.77	251.38
SHC112	12.81	82	25	5.20	2.30	10.70	9.20	16.50	25.40	34.60	0.00	2.60	0.90	3.80	40.70	1	15.0	3	1					12.81	443.23
SHC113	6.86	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.86	0.00
SHC114	8.72	82	26	0.00	0.00	14.10	10.00	30.10	53.80	63.80	0.00	0.00	0.00	0.00	63.80	2	12.0	3	1	8.72	556.34				
SHC115	4.69	82	31	0.00	0.00	8.10	5.60	11.50	18.90	24.50	0.00	0.00	1.10	1.10	25.60	2	9.0	3	1					4.69	114.91
SHC116	3.98	82	26	66.10	16.70	9.50	6.70	15.80	23.30	30.00	4.30	4.60	0.00	3.30	51.70	1	20.0	3	1					3.98	119.40
SHC120	4.52	47	26U	5.90	1.70	15.00	11.70	17.50	26.70	38.40	0.00	0.00	0.90	1.70	41.80	2	22.0	3	1					4.52	173.57
SHC122	10.15	47	26	20.20	5.30	12.60	8.70	6.40	9.30	18.00	2.30	0.00	0.40	0.70	24.70	1	23.0	3	1					10.15	182.70
SHC123	2.69	75	31	0.00	0.00	6.10	5.00	11.60	25.00	30.00	0.00	0.00	0.00	0.00	30.00	1	10.0	3	1					2.69	80.70
SHC124	19.58	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					19.58	0.00
U0117	0.28	26	31P	387.10	114.00	28.80	18.00	0.00	0.00	18.00	0.00	0.00	0.00	0.00	132.00	5	4.0	3	1					0.28	5.04
U0118	0.40	26	31P	205.70	60.00	33.70	20.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	80.00	4	20.0	3	1					0.40	8.00
U0214	0.47	26	31P	155.40	44.00	18.40	12.00	6.00	9.00	21.00	4.60	0.00	0.00	0.00	66.00	2	19.0	3	1					0.47	9.87
	149.82																			**9.67**	**588.64**	**0.00**	**0.00**	**140.15**	**2,638.71**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	9.67	**588.64**	**0.00**	**0.00**	**140.15**	**2,638.71**

Suitable and Potentially Suitable	
Acres	BA
9.67	**588.64**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
149.82	**3,227.35**

Appendix E. Table 226. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **SHC-B**, Fort Benning, Georgia, using 2014 totals.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
M0694	0.16	0	21P	0.00	0.00	2.50	1.80	2.30	4.50	6.30	0.00	0.00	0.00	0.00	6.30	1	14.0	0	0	0					0.16	1.01
M0698	0.27	0	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	0	0					0.27	0.00
M0723	8.68	94	31U	6.90	3.00	16.80	11.00	8.50	17.00	28.00	0.00	0.00	0.00	0.00	31.00	1	1.0	0	3	1					8.68	243.04
SHC103	13.90	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					13.90	0.00
SHC104	16.99	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					16.99	0.00
SHC105	14.98	5	21P	20.20	5.30	12.60	8.70	6.40	9.30	18.00	2.30	0.00	0.40	0.70	24.70	1	23.0	2	3	1					14.98	269.64
SHC106	0.95	54	31	16.40	4.00	24.80	16.00	13.30	18.00	34.00	0.00	0.00	0.00	0.00	38.00	1	24.0	0	3	1					0.95	32.30
SHC107	13.97	82	21	2.30	0.90	5.90	4.50	26.30	48.20	52.70	0.00	0.00	0.00	0.00	53.60	1	22.0	0	3	1			13.97	736.22		
SHC108	4.77	82	21U	2.30	0.90	5.90	4.50	26.30	48.20	52.70	0.00	0.00	0.00	0.00	53.60	1	22.0	0	3	1			4.77	251.38		
SHC112	12.81	82	25	5.20	2.30	10.70	9.20	16.50	25.40	34.60	0.00	2.60	0.90	3.80	40.70	1	15.0	11	3	1					12.81	443.23
SHC113	6.86	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.86	0.00
SHC114	8.72	82	26	0.00	0.00	14.10	10.00	30.10	53.80	63.80	0.00	0.00	0.00	0.00	63.80	2	12.0	0	3	1			8.72	556.34		
SHC115	4.69	82	31	0.00	0.00	8.10	5.60	11.50	18.90	24.50	0.00	0.00	1.10	1.10	25.60	2	9.0	5	3	1					4.69	114.91
SHC116	3.98	82	26	66.10	16.70	9.50	6.70	15.80	23.30	30.00	4.30	4.60	0.00	3.30	51.70	1	20.0	15	3	1					3.98	119.40
SHC120	4.52	47	26U	5.90	1.70	15.00	11.70	17.50	26.70	38.40	0.00	0.00	0.90	1.70	41.80	2	22.0	3	3	1					4.52	173.57
SHC122	10.15	47	26	20.20	5.30	12.60	8.70	6.40	9.30	18.00	2.30	0.00	0.40	0.70	24.70	1	23.0	2	3	1					10.15	182.70
SHC123	2.69	75	31	0.00	0.00	6.10	5.00	11.60	25.00	30.00	0.00	0.00	0.00	0.00	30.00	1	10.0	0	3	1					2.69	80.70
SHC124	19.58	5	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					19.58	0.00
U0117	0.28	26	31P	387.10	114.00	28.80	18.00	0.00	0.00	18.00	0.00	0.00	0.00	0.00	132.00	5	4.0	0	3	1					0.28	5.04
U0118	0.40	26	31P	205.70	60.00	33.70	20.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	80.00	4	20.0	0	3	1					0.40	8.00
U0214	0.471	26	31P	155.40	44.00	18.40	12.00	6.00	9.00	21.00	4.60	0.00	0.00	0.00	66.00	2	19.0	0	3	1					0.47	9.87
	149.82																				**0.00**	**0.00**	**27.46**	**1,543.94**	**122.36**	**1,683.41**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**	**0.00**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**27.46**	**1,543.94**	**122.36**	**1,683.41**

Suitable and Potentially Suitable	
Acres	BA
27.46	**1,543.94**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
149.82	**3,227.35**

Appendix E. Table 227. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **T04-A,** Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
T0303	0.12	96	26	26.00	7.50	15.80	11.50	21.10	35.00	46.50	2.40	0.00	1.20	1.50	56.00	1	8.0	3	1	0.12	5.58				
T0422	1.69	24	25	130.60	40.00	29.30	20.00	20.80	26.70	46.70	85.60	0.00	0.00	0.00	106.70	5	10.0	3	2					1.69	78.92
T0423	2.68	24	13	109.60	26.70	54.20	40.00	5.40	6.70	46.70	34.30	12.70	0.00	6.70	90.10	5	3.0	3	2					2.68	125.16
T0424	2.47	24	31	428.70	113.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	113.30	4	23.0	3	2					2.47	0.00
T0425	2.26	59	10	21.70	5.00	67.30	50.00	5.50	10.00	60.00	14.70	36.00	0.00	25.00	95.00	5	5.0	3	2					2.26	135.60
T0426	4.32	24	31	71.30	17.50	26.40	20.00	4.80	5.00	25.00	0.00	3.50	2.50	7.50	50.00	6	12.0	3	2					4.32	108.00
T0427	24.98	81	26	13.30	3.50	17.40	12.60	15.50	21.30	33.90	1.40	5.10	2.30	7.40	45.20	5	3.0	3	2	24.98	846.82				
T0429	10.16	59	26	0.00	0.00	0.00	0.00	21.80	34.00	34.00	0.00	0.00	2.10	4.00	38.00	5	18.0	3	2	10.16	345.44				
T0430	6.25	0	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					6.25	0.00
T0431	24.07	59	26	15.10	4.20	11.30	10.00	18.90	28.30	38.30	5.50	3.40	2.20	5.80	50.80	4	15.0	3	2	24.07	921.88				
T0432	22.53	59	25	23.30	7.00	25.50	19.00	12.70	17.50	36.50	5.90	3.00	0.10	2.50	48.00	1	44.0	3	2	22.53	822.35				
T0438	11.55	73	26	18.80	6.40	18.80	12.70	9.30	15.50	28.20	0.00	0.00	1.30	1.80	36.40	1	25.0	3	2					11.55	325.71
T0518	37.86	73	26	39.00	12.10	20.50	14.70	9.00	13.20	27.90	2.00	0.00	1.10	1.60	42.10	1	24.0	3	2					37.86	1056.29
T0519	4.74	72	21	35.80	9.50	35.90	25.00	12.40	17.50	42.50	6.70	0.50	3.00	6.00	60.50	5	21.0	3	2	4.74	201.45				
T0530	0.23	24	31	420.40	105.00	37.80	20.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	125.00	4	5.0	3	2					0.23	4.60
	155.91																			**86.60**	**3,143.52**	**0.00**	**0.00**	**69.31**	**1,834.28**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
T0422					1.69	78.92
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**1.69**	**78.92**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
86.60	**3,143.52**	**0.00**	**0.00**	**67.62**	**1,755.36**

Suitable and Potentially Suitable

Acres	BA
86.60	**3,143.52**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
154.22	**4,898.88**

Appendix E. Table 228. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **T04-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
T0303	0.12	96	26	26.00	7.50	15.80	11.50	21.10	35.00	46.50	2.40	0.00	1.20	1.50	56.00	1	8.0	3	3	1			0.12	5.58		
T0422	1.69	24	25	130.60	40.00	29.30	20.00	20.80	26.70	46.70	85.60	0.00	0.00	0.00	106.70	5	10.0	0	3	1					1.69	78.92
T0423	2.68	24	13	109.60	26.70	54.20	40.00	5.40	6.70	46.70	34.30	12.70	0.00	6.70	90.10	5	3.0	18	3	1					2.68	125.16
T0424	2.47	24	31	428.70	113.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	113.30	4	23.0	0	3	1					2.47	0.00
T0425	2.26	59	10	21.70	5.00	67.30	50.00	5.50	10.00	60.00	14.70	36.00	0.00	25.00	95.00	5	5.0	33	3	1					2.26	135.60
T0426	4.32	24	31	71.30	17.50	26.40	20.00	4.80	5.00	25.00	0.00	3.50	2.50	7.50	50.00	6	12.0	16	3	1					4.32	108.00
T0427	24.98	81	26	13.30	3.50	17.40	12.60	15.50	21.30	33.90	1.40	5.10	2.30	7.40	45.20	5	3.0	18	3	1					24.98	846.82
T0429	10.16	59	26	0.00	0.00	0.00	0.00	21.80	34.00	34.00	0.00	0.00	2.10	4.00	38.00	5	18.0	9	3	1					10.16	345.44
T0430	6.25	0	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.25	0.00
T0431	24.07	59	26	15.10	4.20	11.30	10.00	18.90	28.30	38.30	5.50	3.40	2.20	5.80	50.80	4	15.0	16	3	1					24.07	921.88
T0432	22.53	59	25	23.30	7.00	25.50	19.00	12.70	17.50	36.50	5.90	3.00	0.10	2.50	48.00	1	44.0	8	3	1					22.53	822.35
T0438	11.55	73	26	18.80	6.40	18.80	12.70	9.30	15.50	28.20	0.00	0.00	1.30	1.80	36.40	1	25.0	4	3	1					11.55	325.71
T0518	37.86	73	26	39.00	12.10	20.50	14.70	9.00	13.20	27.90	2.00	0.00	1.10	1.60	42.10	1	24.0	4	3	1					37.86	1,056.29
T0519	4.74	72	21	35.80	9.50	35.90	25.00	12.40	17.50	42.50	6.70	0.50	3.00	6.00	60.50	5	21.0	7	3	1					4.74	201.45
T0530	0.23	24	31	420.40	105.00	37.80	20.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	125.00	4	5.0	0	3	1					0.23	4.60
	155.91																				**0.00**	**0.00**	**0.12**	**5.58**	**155.79**	**4,972.22**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	T0422					1.69	78.92
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**1.69**	**78.92**

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	**0.00**	**0.12**	**5.58**	**154.10**	**4,893.30**

Suitable and Potentially Suitable	
Acres	BA
0.12	**5.58**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
154.22	**4,898.88**

Appendix E. Table 229. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **T05-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
T0422	1.19	24	25	130.60	40.00	29.30	20.00	20.80	26.70	46.70	85.60	0.00	0.00	0.00	106.70	5	10.0	3	2					1.19	55.57
T0423	0.13	24	13	109.60	26.70	54.20	40.00	5.40	6.70	46.70	34.30	12.70	0.00	6.70	90.10	5	3.0	3	2					0.13	6.07
T0517	4.14	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					4.14	0.00
T0522	3.88	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	2					3.88	0.00
T0524	7.79	63	26	13.10	5.70	6.10	4.30	16.40	30.00	34.30	0.00	0.00	3.60	5.70	45.70	5	21.0	3	2	7.79	267.20				
T0526	38.42	68	26	19.30	6.50	21.20	14.50	6.20	9.50	24.00	0.00	3.70	3.60	9.00	39.50	5	20.0	3	2					38.42	922.08
T0530	1.85	24	31	420.40	105.00	37.80	20.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	125.00	4	5.0	3	2					1.85	37.00
T0539	10.04	63	25	48.70	12.40	15.50	10.00	8.00	13.50	23.50	11.80	6.70	4.60	11.20	50.60	5	18.0	3	2					10.04	235.94
T0614	13.27	79	26	21.90	7.10	13.10	8.60	5.40	7.90	16.50	16.40	2.00	0.50	2.10	30.00	4	24.0	3	1					13.27	218.96
T0615	3.05	100	25	117.10	40.00	32.30	20.00	6.10	6.70	26.70	0.00	0.00	0.00	0.00	66.70	6	10.0	3	1					3.05	81.44
T0616	8.01	73	21	32.00	10.00	31.20	21.00	9.90	15.00	36.00	1.90	0.50	1.00	2.00	48.50	5	20.0	3	1	8.01	288.36				
	91.77																			**15.80**	**555.56**	**0.00**	**0.00**	**75.97**	**1,557.06**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
T0422					1.19	55.57
T0530					1.85	37.00
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**3.04**	**92.57**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
15.80	**555.56**	**0.00**	**0.00**	**72.93**	**1,464.49**

Suitable and Potentially Suitable

Acres	BA
15.80	**555.56**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
88.73	**2,020.05**

Appendix E. Table 230. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **T05-B,** Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
T0422	1.19	24	25	130.60	40.00	29.30	20.00	20.80	26.70	46.70	85.60	0.00	0.00	0.00	106.70	5	10.0	0	3	2					1.19	55.57
T0423	0.13	24	13	109.60	26.70	54.20	40.00	5.40	6.70	46.70	34.30	12.70	0.00	6.70	90.10	5	3.0	18	3	2					0.13	6.07
T0517	4.14	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					4.14	0.00
T0522	3.88	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	2					3.88	0.00
T0524	7.79	63	26	13.10	5.70	6.10	4.30	16.40	30.00	34.30	0.00	0.00	3.60	5.70	45.70	5	21.0	14	3	2					7.79	267.20
T0526	38.42	68	26	19.30	6.50	21.20	14.50	6.20	9.50	24.00	0.00	3.70	3.60	9.00	39.50	5	20.0	21	3	2					38.42	922.08
T0530	1.85	24	31	420.40	105.00	37.80	20.00	0.00	0.00	20.00	0.00	0.00	0.00	0.00	125.00	4	5.0	0	3	2					1.85	37.00
T0539	10.04	63	25	48.70	12.40	15.50	10.00	8.00	13.50	23.50	11.80	6.70	4.60	11.20	50.60	5	18.0	32	3	2					10.04	235.94
T0614	13.27	79	26	21.90	7.10	13.10	8.60	5.40	7.90	16.50	16.40	2.00	0.50	2.10	30.00	4	24.0	12	3	1					13.27	218.96
T0615	3.05	100	25	117.10	40.00	32.30	20.00	6.10	6.70	26.70	0.00	0.00	0.00	0.00	66.70	6	10.0	0	3	1					3.05	81.44
T0616	8.01	73	21	32.00	10.00	31.20	21.00	9.90	15.00	36.00	1.90	0.50	1.00	2.00	48.50	5	20.0	4	3	1					8.01	288.36
	91.77																				**0.00**	**0.00**	**0.00**	**0.00**	**91.77**	**2,112.62**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Forest Type:
13 = Loblolly Pine - Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
T0422					1.19	55.57
T0530					1.85	37.00
TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**3.04**	**92.57**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
0.00	**0.00**	**0.00**	**0.00**	**88.73**	**2,020.05**

Suitable and Potentially Suitable	
Acres	BA
0.00	**0.00**

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
88.73	**2,020.05**

Appendix E. Table 231. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **T06-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
BRWNDEMO	9.70	15	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					9.70	0.00
J0116	5.76	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.76	0.00
J0117	5.50	123	25	105.40	30.00	44.60	30.00	8.30	11.70	41.70	13.00	0.00	5.30	6.70	81.70	5	18.0	3	1			5.50	229.35		
J0118	15.10	46	25U	14.80	3.50	18.40	12.50	11.30	17.50	30.00	9.00	3.20	1.40	5.00	40.50	4	26.0	3	1	15.10	453.00				
J0121	22.45	61	26	39.30	10.50	7.80	5.00	18.80	32.50	37.50	6.40	1.30	1.70	4.00	54.00	8	22.0	3	1			22.45	841.88		
J0122	7.15	91	10	117.00	34.30	11.70	8.60	9.40	18.60	27.20	14.90	19.00	9.40	28.60	95.80	5	7.0	3	1					7.15	194.48
J0127	31.77	115	26U	14.10	3.90	4.40	3.30	11.90	23.90	27.20	4.40	5.90	3.50	8.90	41.10	3	23.0	3	1					31.77	864.14
R0301	0.40	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.40	0.00
R0311	0.19	74	31U	0.00	0.00	1.70	1.10	17.90	37.80	38.90	0.00	0.00	0.00	0.00	38.90	1	10.0	3	1	0.19	7.39				
R0363	3.68	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.68	0.00
T0503	11.15	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					11.15	0.00
T0601	5.06	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					5.06	0.00
T0602	9.19	115	26	17.80	4.40	14.20	10.00	20.40	34.40	44.40	0.00	0.00	0.00	0.00	48.80	1	20.0	3	1	9.19	408.04				
T0603	2.78	102	26	31.90	12.00	20.70	14.00	14.20	18.00	32.00	4.30	0.00	0.00	0.00	46.00	2	14.0	3	1	2.78	88.96				
T0614	0.91	79	26	21.90	7.10	13.10	8.60	5.40	7.90	16.50	16.40	2.00	0.50	2.10	30.00	4	24.0	3	1					0.91	15.02
	130.79																			**27.26**	**957.39**	**27.95**	**1,071.23**	**75.58**	**1,073.64**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
ND = No data taken

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT

Stand	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
R0301					0.40	0.00
R0311	0.19	7.39				
R0363					3.68	0.00
T0614					0.91	15.02
TOTALS	**0.19**	**7.39**	**0.00**	**0.00**	**4.99**	**15.02**

BASELINE TOTALS

Suitable		Potentially Suitable		Future Potential	
Acres	BA	Acres	BA	Acres	BA
27.07	**950.00**	**27.95**	**1,071.23**	**70.59**	**1,058.62**

Suitable and Potentially Suitable

Acres	BA
55.02	**2,021.23**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
125.61	**3,079.85**

Appendix E. Table 232. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **T06-A**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
BRWNDEMO	9.70	15	ND	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					9.70	0.00
J0116	5.76	14	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.76	0.00
J0117	5.50	123	25	105.40	30.00	44.60	30.00	8.30	11.70	41.70	13.00	0.00	5.30	6.70	81.70	5	18.0	9	3	1					5.50	229.35
J0118	15.10	46	25U	14.80	3.50	18.40	12.50	11.30	17.50	30.00	9.00	3.20	1.40	5.00	40.50	4	26.0	13	3	1					15.10	453.00
J0121	22.45	61	26	39.30	10.50	7.80	5.00	18.80	32.50	37.50	6.40	1.30	1.70	4.00	54.00	8	22.0	10	3	1					22.45	841.88
J0122	7.15	91	10	117.00	34.30	11.70	8.60	9.40	18.60	27.20	14.90	19.00	9.40	28.60	95.80	5	7.0	57	3	1					7.15	194.48
J0127	31.77	115	26U	14.10	3.90	4.40	3.30	11.90	23.90	27.20	4.40	5.90	3.50	8.90	41.10	3	23.0	37	3	1					31.77	864.14
R0301	0.40	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.40	0.00
R0311	0.19	74	31U	0.00	0.00	1.70	1.10	17.90	37.80	38.90	0.00	0.00	0.00	0.00	38.90	1	10.0	0	3	1					0.19	7.39
R0363	3.68	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.68	0.00
T0503	11.15	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					11.15	0.00
T0601	5.06	7	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					5.06	0.00
T0602	9.19	115	26	17.80	4.40	14.20	10.00	20.40	34.40	44.40	0.00	0.00	0.00	0.00	48.80	1	20.0	0	3	1			9.19	408.04		
T0603	2.78	102	26	31.90	12.00	20.70	14.00	14.20	18.00	32.00	4.30	0.00	0.00	0.00	46.00	2	14.0	0	3	1					2.78	88.96
T0614	0.91	79	26	21.90	7.10	13.10	8.60	5.40	7.90	16.50	16.40	2.00	0.50	2.10	30.00	4	24.0	12	3	1					0.91	15.02
	130.79																				**0.00**	**0.00**	**9.19**	**408.04**	**121.60**	**2,694.22**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
10 = White Pine - Upland Hardwood
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
31 = Loblolly Pine
P = Plantation
ND = No data taken

Value does not meet Recovery Standard requirements.
Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	R0301					0.40	0.00
	R0311					0.19	7.39
	R0363					3.68	0.00
	T0614					0.91	15.02
	TOTALS	**0.00**	**0.00**	**0.00**	**0.00**	**5.18**	**22.41**

	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
BASELINE TOTALS	**0.00**	**0.00**	**9.19**	**408.04**	**116.42**	**2,671.81**

Suitable and Potentially Suitable

Acres	BA
9.19	**408.04**

Total Manageable Potentially Contiguous Pine Habitat

Acres	BA
125.61	**3,079.85**

Appendix E. Table 233. Red-cockaded woodpecker foraging habitat totals using the **Managed Stability Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **T06-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh						Suitable		Potentially Suitable		Future Potential and Temp. Noncontig.	
				Stems	BA	Stems	BA	Stems	BA	BA										Acres	BA	Acres	BA	Acres	BA
J0118	12.27	46	25U	14.80	3.50	18.40	12.50	11.30	17.50	30.00	9.00	3.20	1.40	5.00	40.50	4	26.0	3	1	12.27	368.10				
J0119	0.53	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					0.53	0.00
J0424	9.12	52	25	73.30	22.70	38.70	24.00	14.60	20.70	44.70	0.00	1.10	1.60	4.00	71.40	1	31.0	3	1			9.12	407.66		
J0429	12.75	52	25	63.10	15.40	59.20	38.50	8.20	10.00	48.50	4.00	2.10	2.50	5.30	70.70	4	30.0	3	1	12.75	618.38				
J0430	3.43	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					3.43	0.00
T0518	16.07	73	26	39.00	12.10	20.50	14.70	9.00	13.20	27.90	2.00	0.00	1.10	1.60	42.10	1	24.0	3	2					16.07	448.35
T0526	5.17	68	26	19.30	6.50	21.20	14.50	6.20	9.50	24.00	0.00	3.70	3.60	9.00	39.50	5	20.0	3	2					5.17	124.08
T0603	1.71	102	26	31.90	12.00	20.70	14.00	14.20	18.00	32.00	4.30	0.00	0.00	0.00	46.00	2	14.0	3	1	1.71	54.72				
T0605	8.31	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					8.31	0.00
T0610	2.30	62	26	29.30	9.50	22.40	16.50	12.50	18.00	34.50	10.50	5.10	2.30	7.50	55.50	5	16.0	3	1	2.30	79.35				
T0611	6.61	20	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	3	1					6.61	0.00
T0612	49.64	62	26	56.20	18.00	42.30	30.50	8.40	12.50	43.00	2.20	0.90	2.40	4.00	66.00	5	22.0	3	1	49.64	2134.52				
T0616	10.69	73	21	32.00	10.00	31.20	21.00	9.90	15.00	36.00	1.90	0.50	1.00	2.00	48.50	5	20.0	3	1	10.69	384.84				
T0637	10.13	73	21	12.30	4.60	17.90	12.30	5.60	7.70	20.00	0.00	0.00	0.30	0.80	25.40	2	32.0	3	2					10.13	202.60
	148.73																			**89.36**	**3,639.91**	**9.12**	**407.66**	**50.25**	**775.03**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = data not collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation
U = Underplanted

Value does not meet Managed Stability Standard requirements.

Dense pine stands with a BA of >70 ft^2/acre were counted as suitable only if the excess BA was in pines >14 inches dbh (USFWS pers. comm.).

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

Temporarily noncontiguous (temp. noncontig.) suitable or potentially suitable habitat. These stands were tallied with future potential habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

BASELINE TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	89.36	3,639.91	9.12	407.66	50.25	775.03

Suitable and Potentially Suitable	
Acres	BA
98.48	4,047.57

Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
148.73	4,822.60

Appendix E. Table 234. Red-cockaded woodpecker foraging habitat totals using the **Recovery Standard** (USFWS 2003) within the 0.5 mile radius foraging habitat partition for Cluster **T06-B**, Fort Benning, Georgia, using 2014 data.

FORAGING HABITAT TOTALS

Stand Number (#)	Acres	Stand Age	Forest Type	Pine Data - Average Values per Acre							Hardwood Data - Average Values per Acre				Total Stand BA (Pines + Hwds)	Hwd Midstory	HGC (%)	% Hwd Canopy	# years since last burn	Burn Type	Habitat Suitability					
				4-10 inches (in.) dbh		10-14 in. dbh		≥14 in. dbh		≥10 in. dbh	Stems 4-10 in. dbh	Stems 10-14 in. dbh	Stems ≥14 in. dbh	BA ≥10 in. dbh							Suitable		Potentially Suitable		Future Potential	
				Stems	BA	Stems	BA	Stems	BA	BA											Acres	BA	Acres	BA	Acres	BA
J0118	12.27	46	25U	14.80	3.50	18.40	12.50	11.30	17.50	30.00	9.00	3.20	1.40	5.00	40.50	4	26.0	13	3	1					12.27	368.10
J0119	0.53	11	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					0.53	0.00
J0424	9.12	52	25	73.30	22.70	38.70	24.00	14.60	20.70	44.70	0.00	1.10	1.60	4.00	71.40	1	31.0	5	3	1					9.12	407.66
J0429	12.75	52	25	63.10	15.40	59.20	38.50	8.20	10.00	48.50	4.00	2.10	2.50	5.30	70.70	4	30.0	6	3	1					12.75	618.38
J0430	3.43	3	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					3.43	0.00
T0518	16.07	73	26	39.00	12.10	20.50	14.70	9.00	13.20	27.90	2.00	0.00	1.10	1.60	42.10	1	24.0	4	3	2					16.07	448.35
T0526	5.17	68	26	19.30	6.50	21.20	14.50	6.20	9.50	24.00	0.00	3.70	3.60	9.00	39.50	5	20.0	21	3	2					5.17	124.08
T0603	1.71	102	26	31.90	12.00	20.70	14.00	14.20	18.00	32.00	4.30	0.00	0.00	0.00	46.00	2	14.0	0	3	1					1.71	54.72
T0605	8.31	15	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					8.31	0.00
T0610	2.30	62	26	29.30	9.50	22.40	16.50	12.50	18.00	34.50	10.50	5.10	2.30	7.50	55.50	5	16.0	17	3	1					2.30	79.35
T0611	6.61	20	21P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.0	0	3	1					6.61	0.00
T0612	49.64	62	26	56.20	18.00	42.30	30.50	8.40	12.50	43.00	2.20	0.90	2.40	4.00	66.00	5	22.0	6	3	1					49.64	2,134.52
T0616	10.69	73	21	32.00	10.00	31.20	21.00	9.90	15.00	36.00	1.90	0.50	1.00	2.00	48.50	5	20.0	4	3	1					10.69	384.84
T0637	10.13	73	21	12.30	4.60	17.90	12.30	5.60	7.70	20.00	0.00	0.00	0.30	0.80	25.40	2	32.0	1	3	2					10.13	202.60
	148.73																				**0.00**	**0.00**	**0.00**	**0.00**	**148.73**	**4,822.60**

BA = basal area
dbh = diameter at breast height
Hwd = hardwood
HGC = herbaceous ground cover

Type Burn:
1 = non-growing season
2 = growing season

Hardwood Midstory:
1 = low, sparse
2 = low, moderate
3 = low, dense
4 = medium, sparse
5 = tall, sparse
6 = medium, moderate
7 = tall, moderate
8 = medium, dense
9 = tall, dense
0 = no data collected

Forest Type:
21 = Longleaf Pine
25 = Mixed Pine
26 = Mixed Pine - Longleaf Pine
P = Plantation
U = Underplanted

Value does not meet Recovery Standard requirements.

Permanently noncontiguous habitat. These stands were not counted as available foraging habitat.

PERMANENTLY NONCONTIGUOUS FORAGING HABITAT	Stand	Suitable		Potentially Suitable		Future Potential	
		Acres	BA	Acres	BA	Acres	BA
	TOTALS	0.00	0.00	0.00	0.00	0.00	0.00

POST-PROJECT TOTALS	Suitable		Potentially Suitable		Future Potential	
	Acres	BA	Acres	BA	Acres	BA
	0.00	0.00	0.00	0.00	148.73	4,822.60

Suitable and Potentially Suitable	
Acres	BA
0.00	0.00

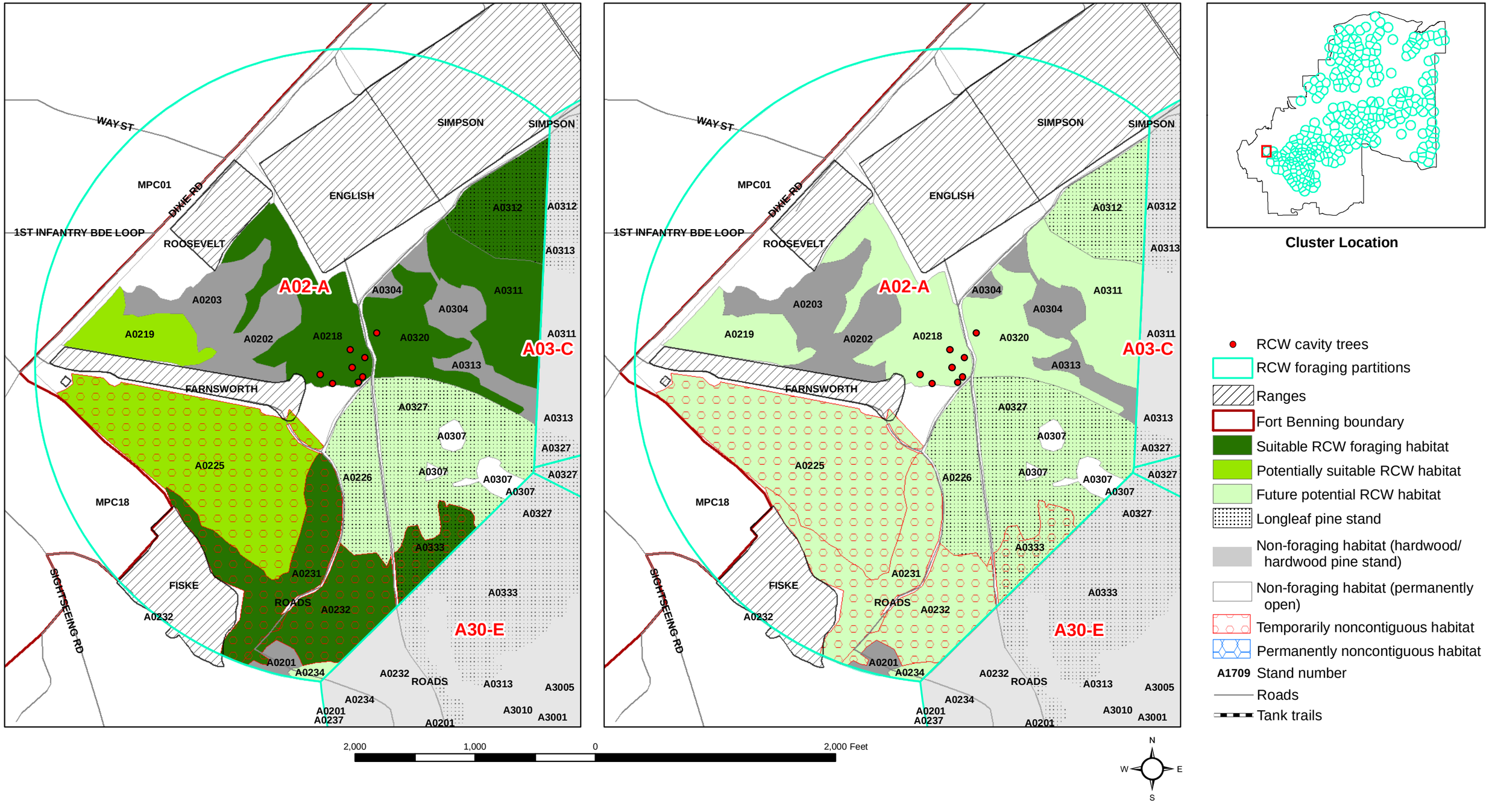
Total Manageable Potentially Contiguous Pine Habitat	
Acres	BA
148.73	4,822.60

APPENDIX F

RED-COCKADED WOODPECKER (RCW)
FORAGING HABITAT PARTITION FIGURES
FOR THE MANAGED STABILITY STANDARD (MSS)
AND RECOVERY STANDARD (RS)

Managed Stability Standard

Recovery Standard



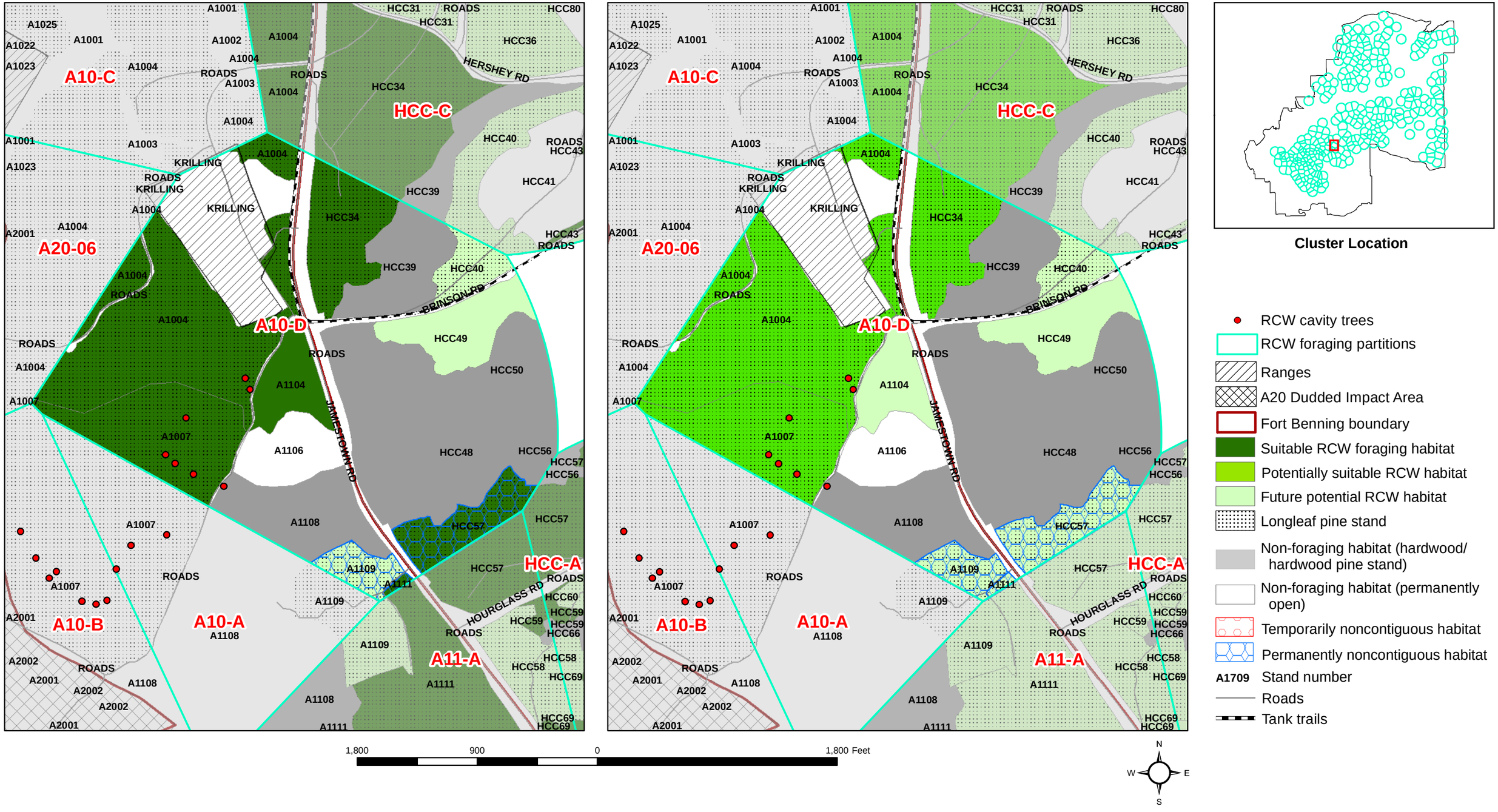
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 1. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **A02-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



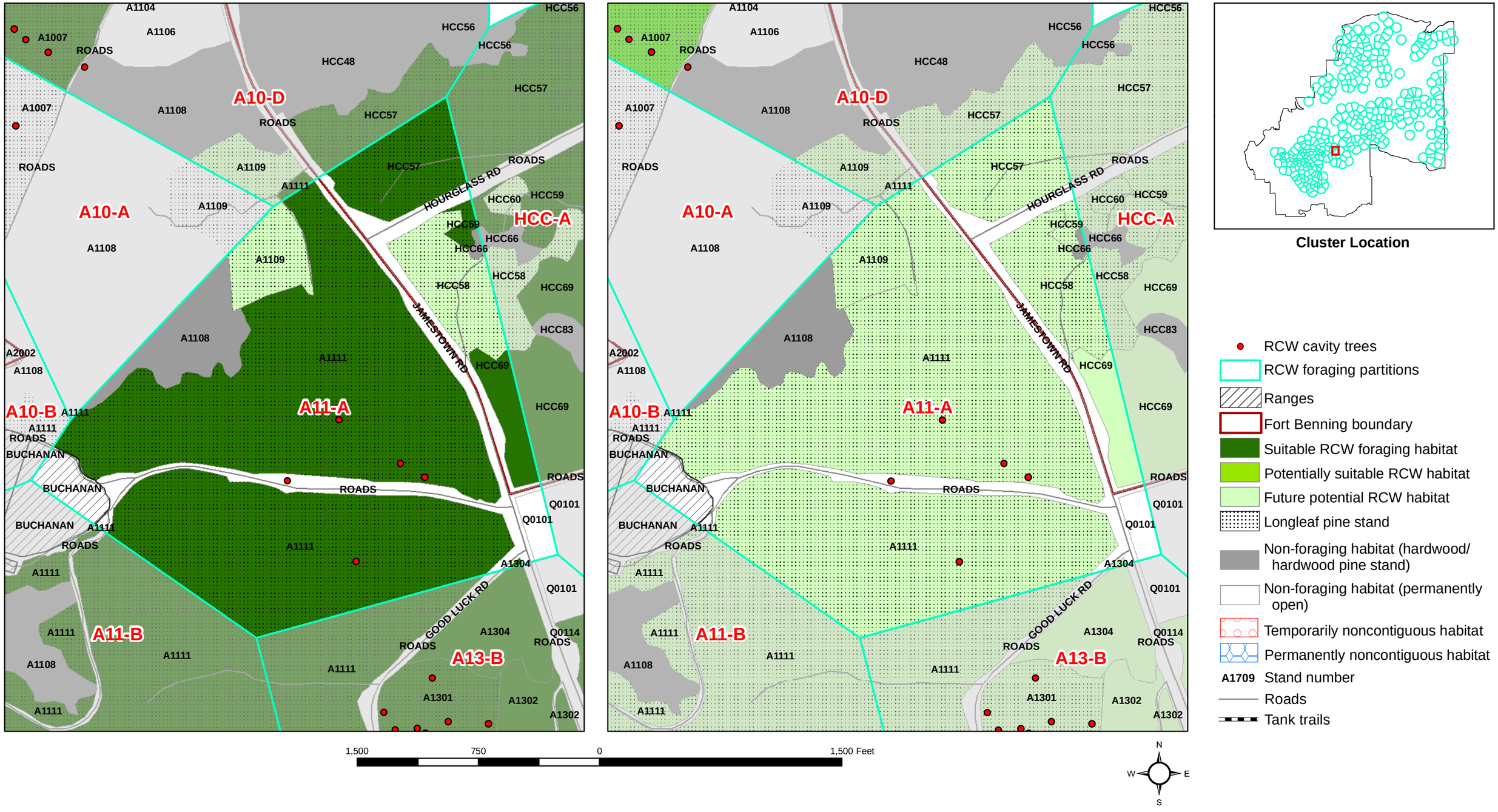
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- A20 Dudded Impact Area
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 2. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **A10-D** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



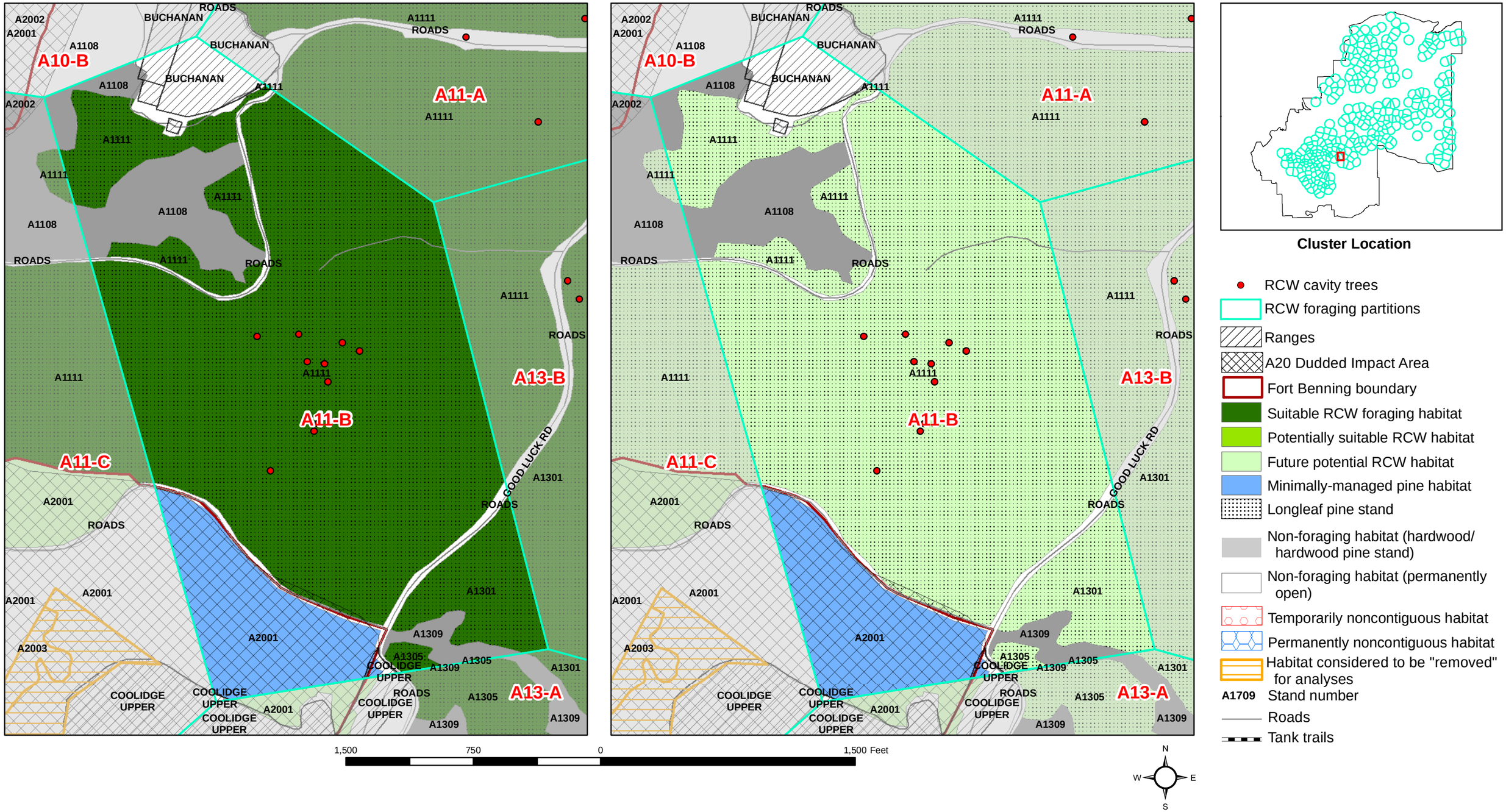
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 3. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **A11-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



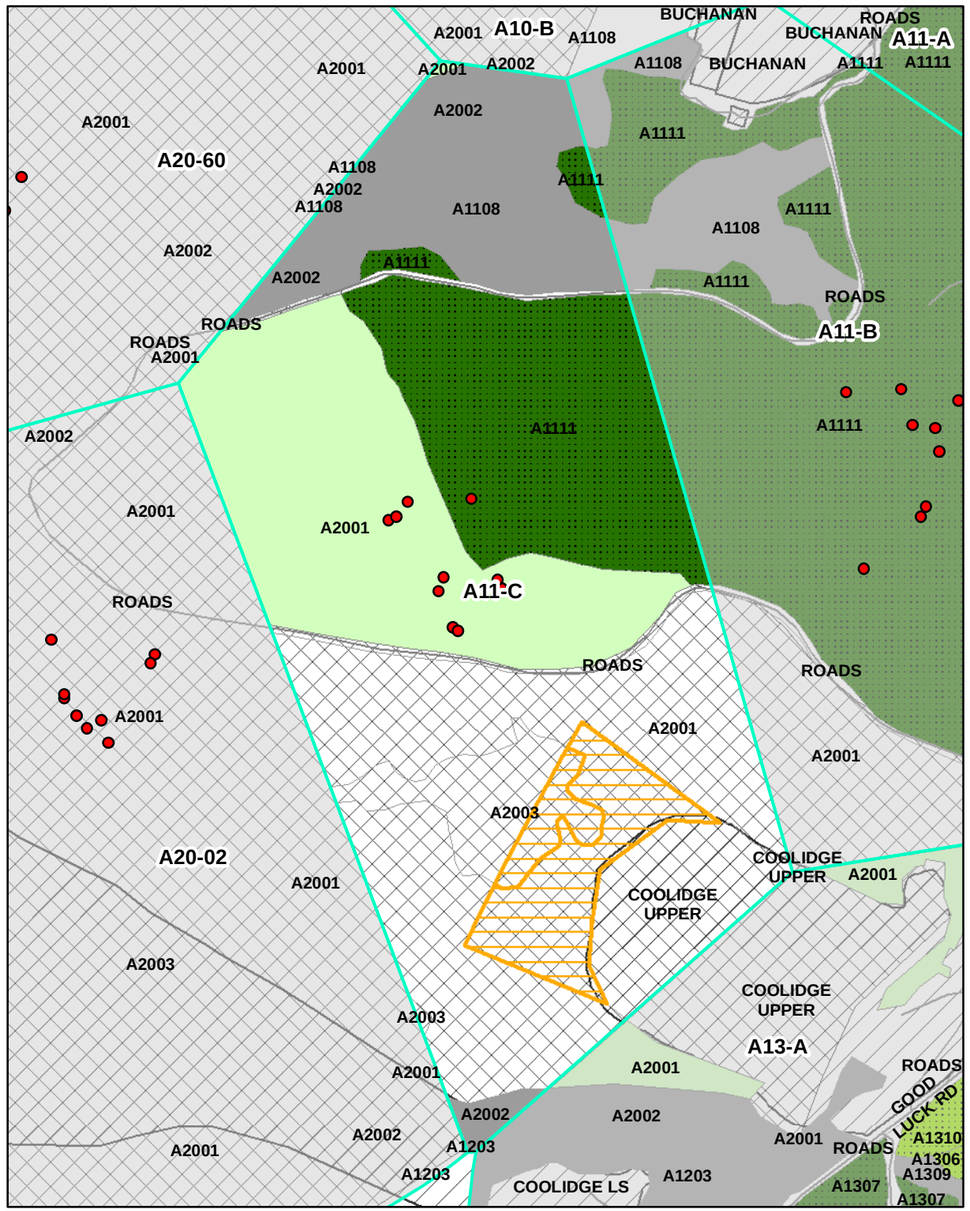
Cluster Location

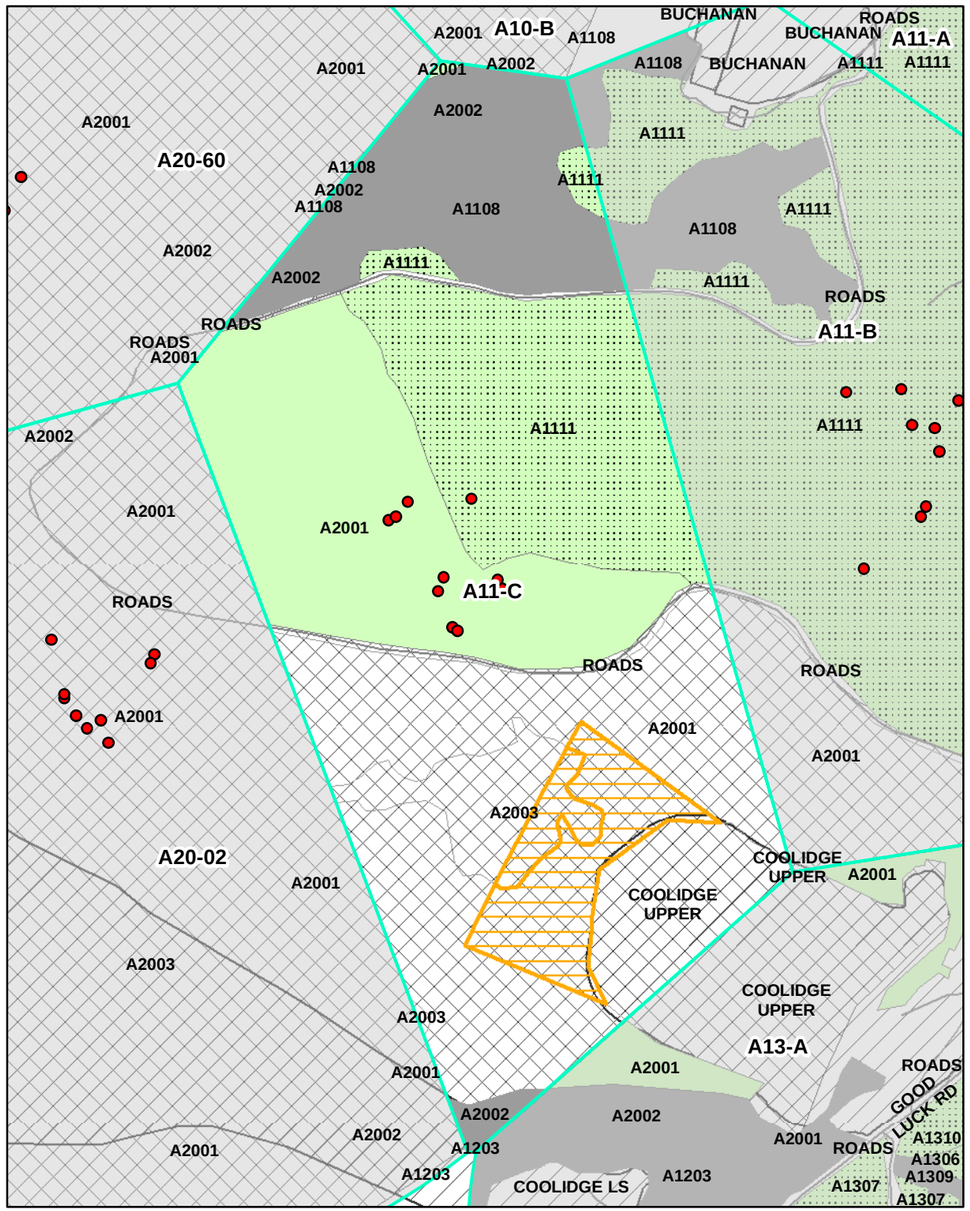
- RCW cavity trees
- RCW foraging partitions
- Ranges
- A20 Dudded Impact Area
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Minimally-managed pine habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- Habitat considered to be "removed" for analyses
- A1709 Stand number
- Roads
- Tank trails

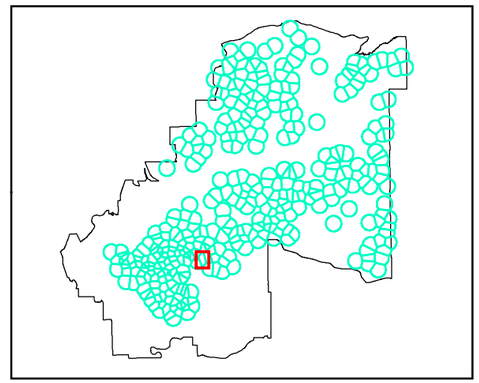
Appendix F. Figure 4. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **A11-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- A20 Dudded Impact Area
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Permanently noncontiguous habitat
- Temporarily noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

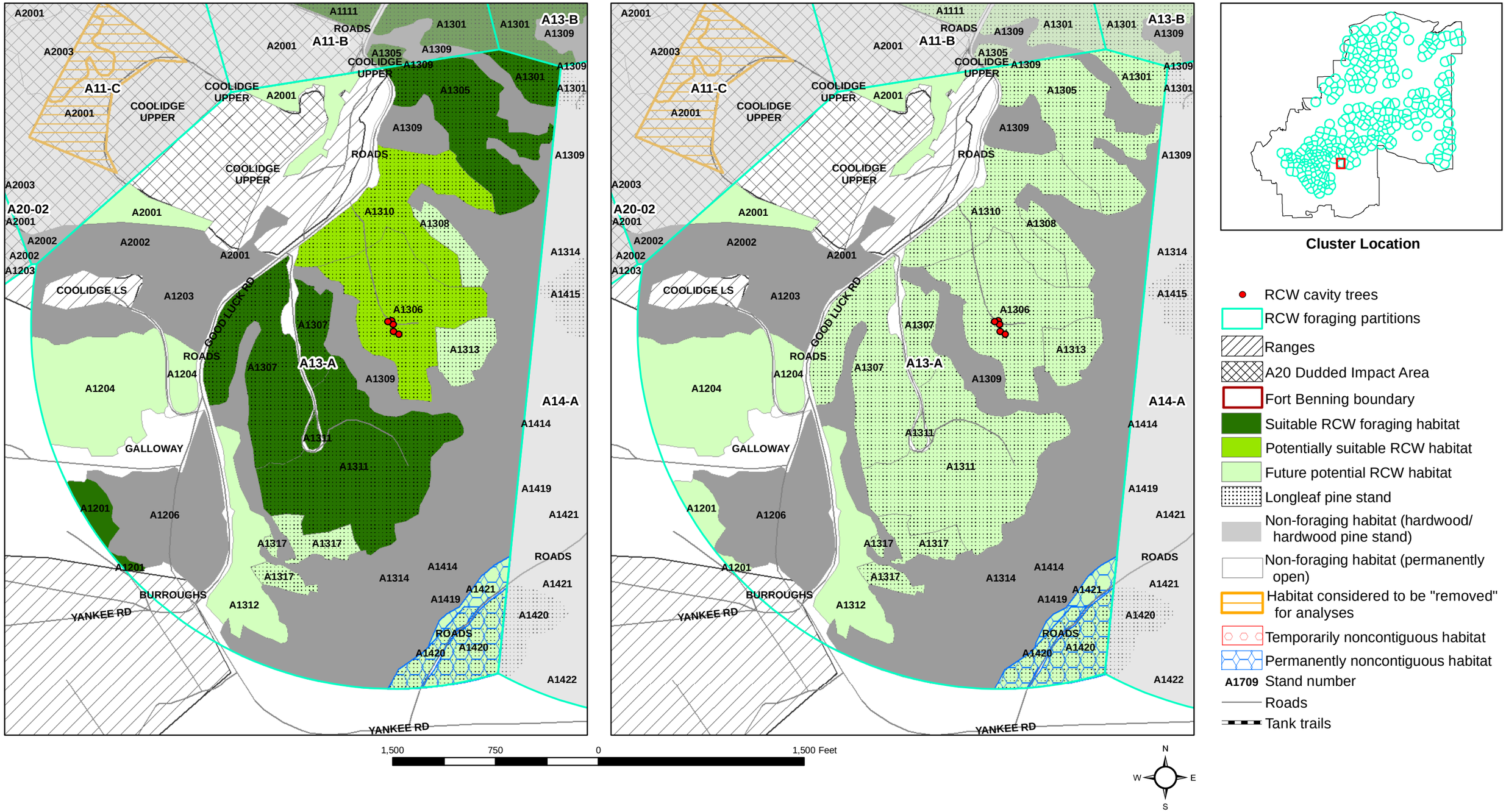
1,800 900 0 1,800 Feet

N W E S

Appendix F. Figure 5. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **A11-C** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



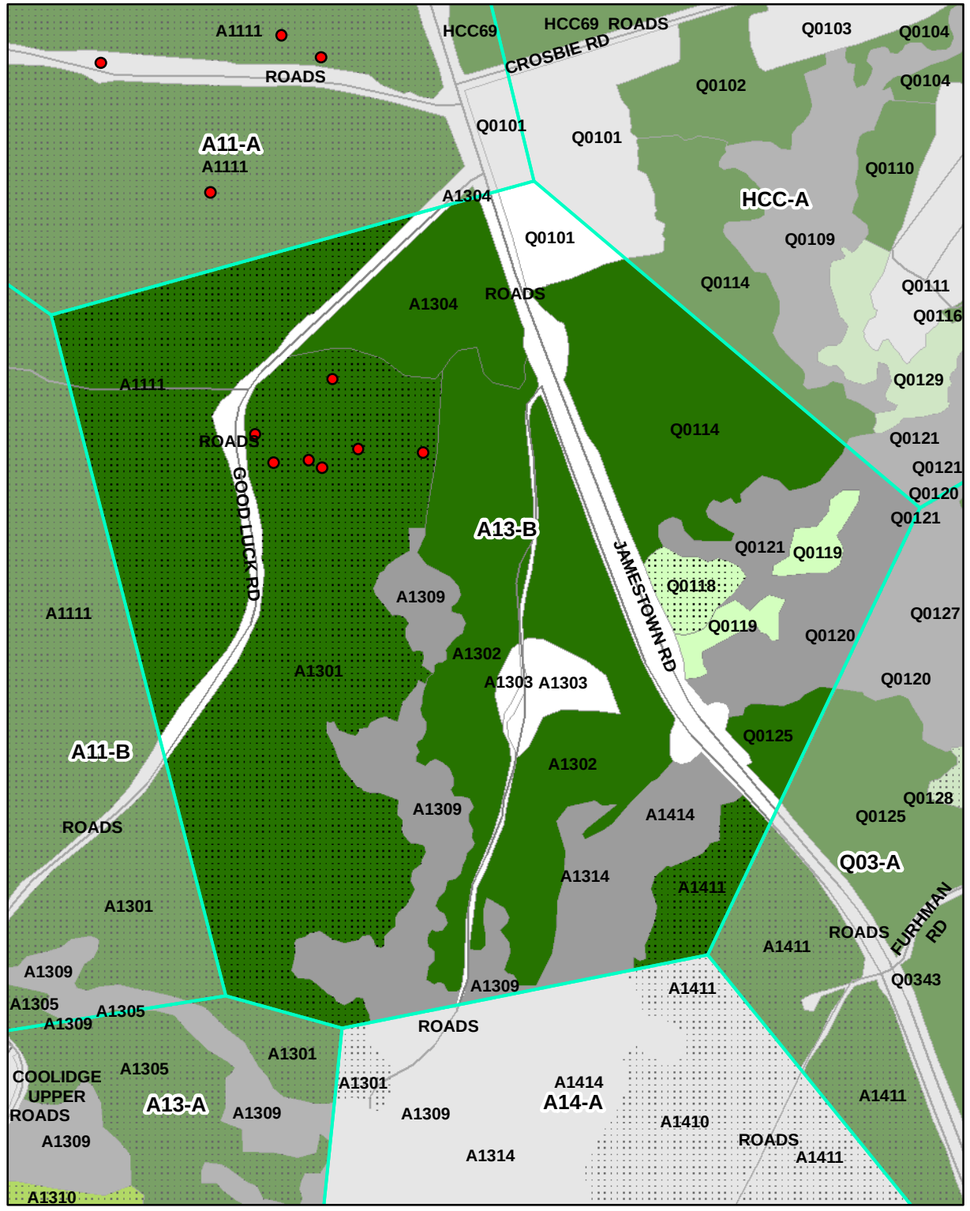
Cluster Location

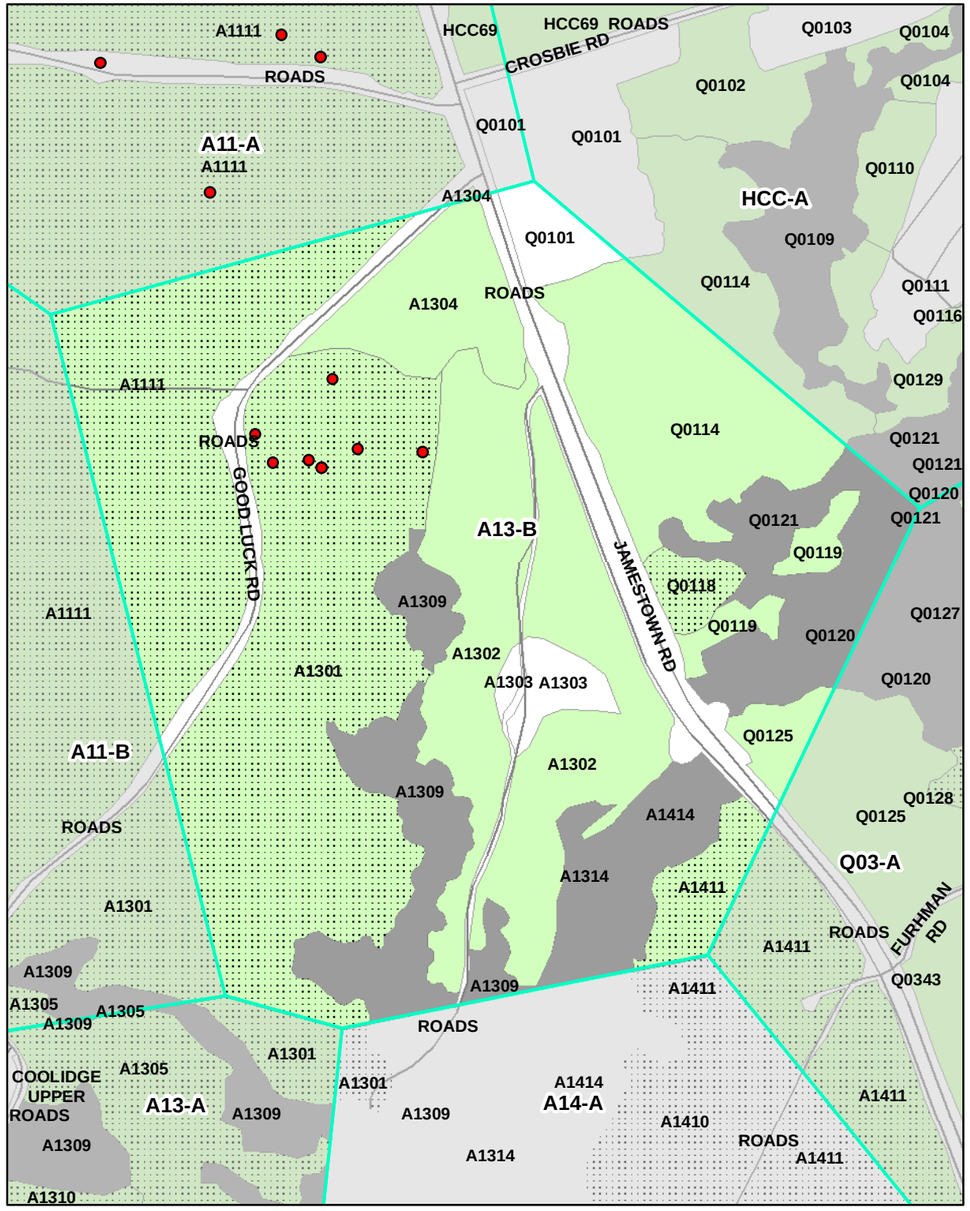
- RCW cavity trees
- RCW foraging partitions
- Ranges
- A20 Dudded Impact Area
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

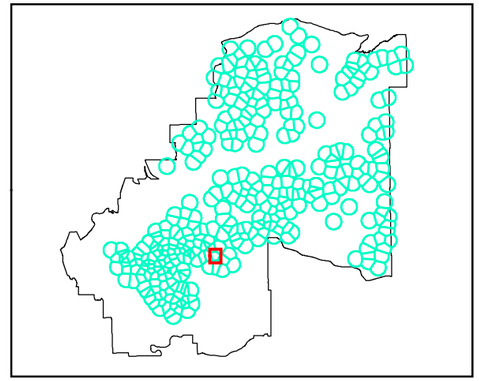
Appendix F. Figure 6. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **A13-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- A20 Dudded Impact Area
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

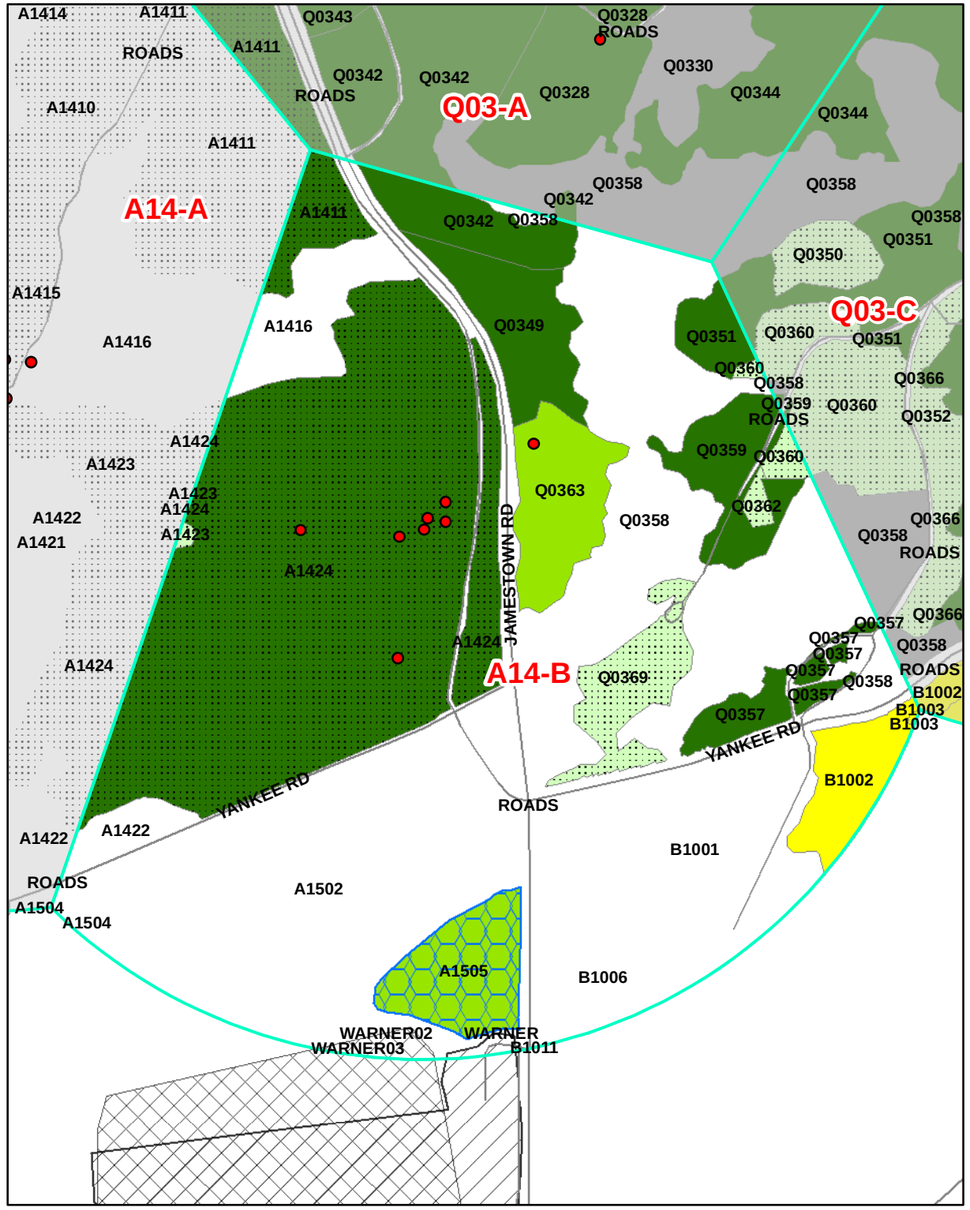
1,500 750 0 1,500 Feet

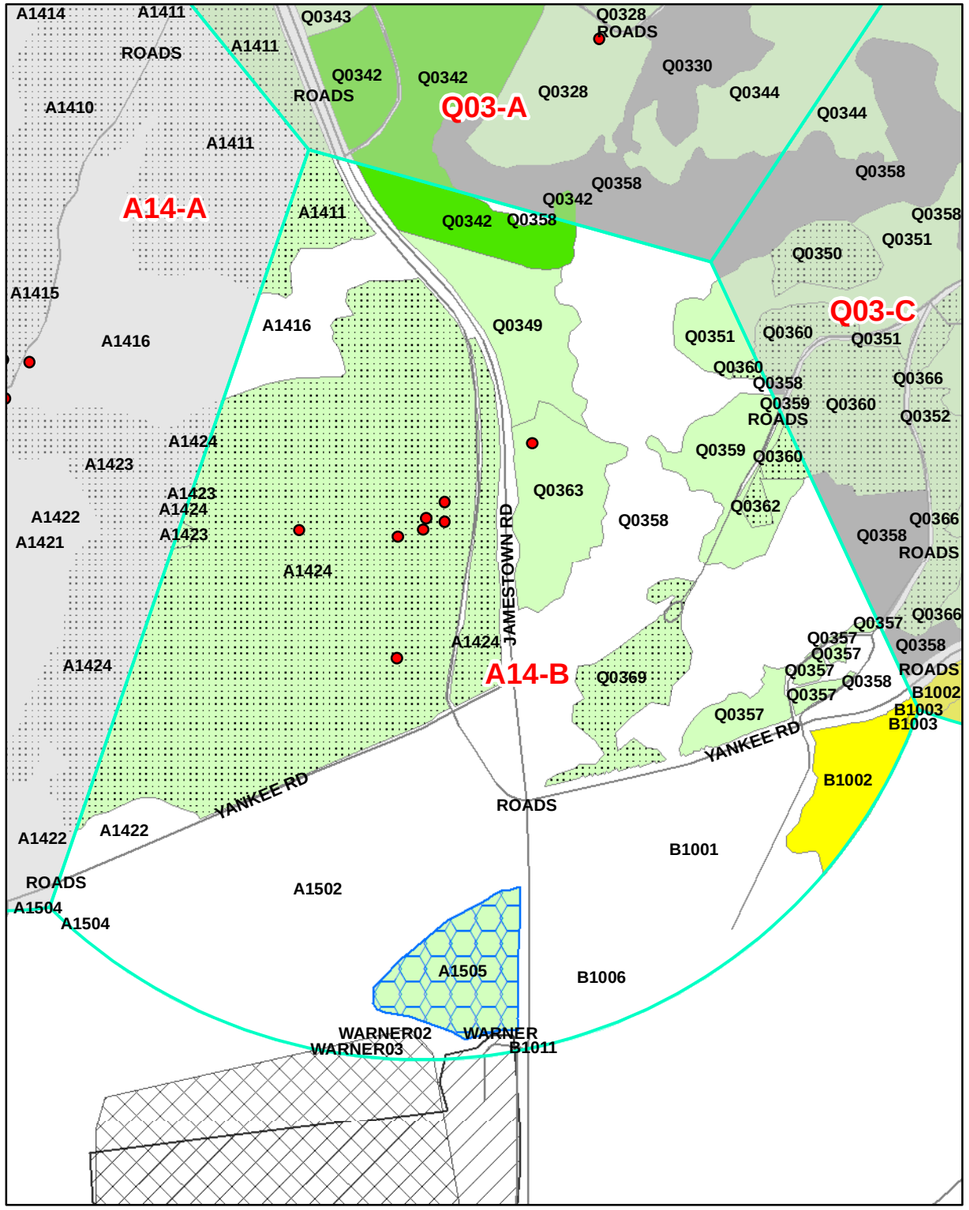
N W E S

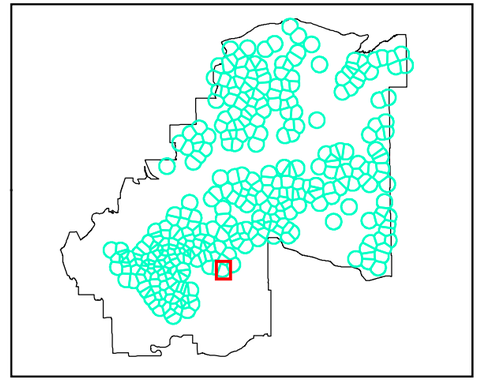
Appendix F. Figure 7. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **A13-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- A20 Dudded Impact Area
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Pine habitat not managed for RCWs
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Permanently noncontiguous habitat
- Temporarily noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

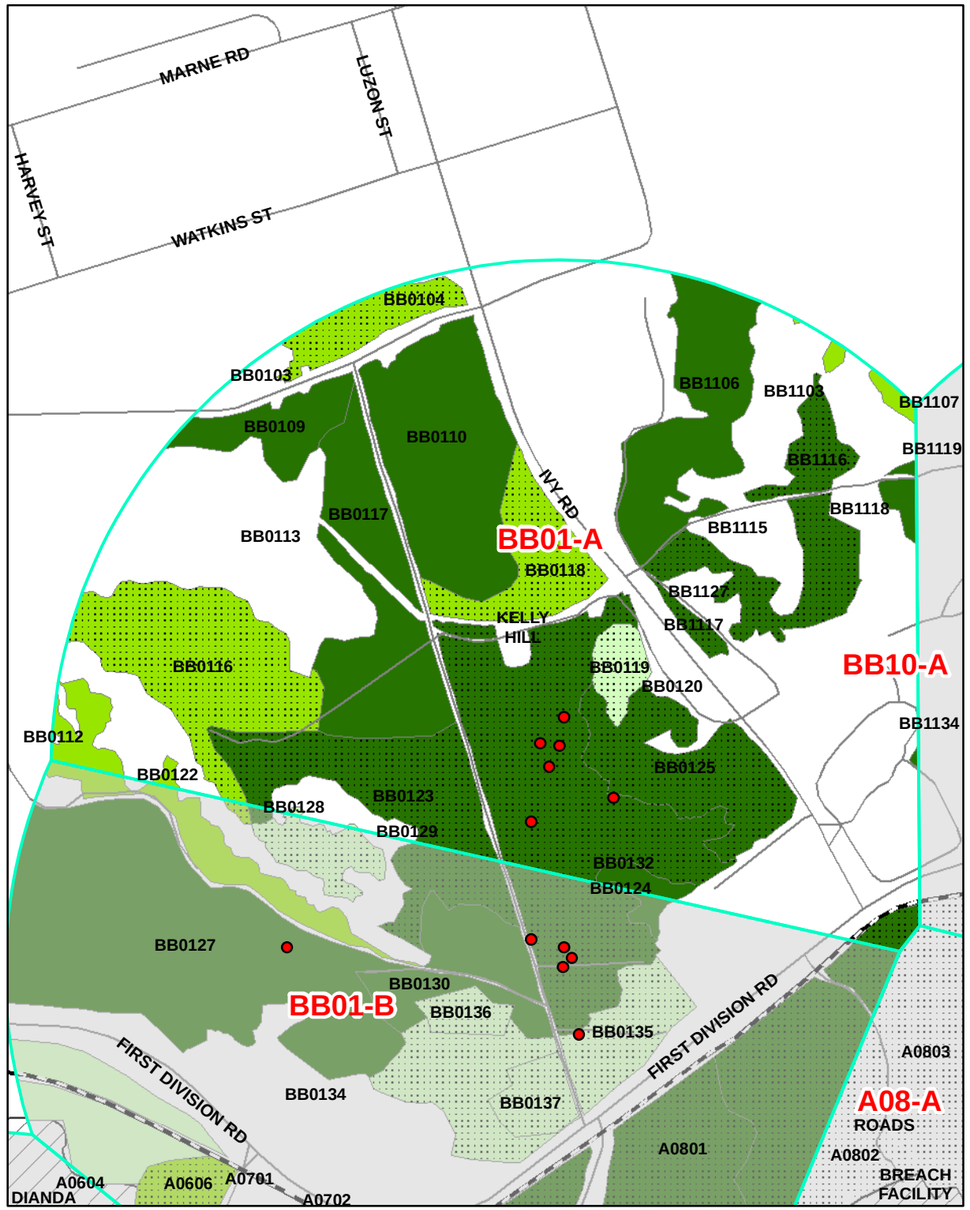
1,500 750 0 1,500 Feet

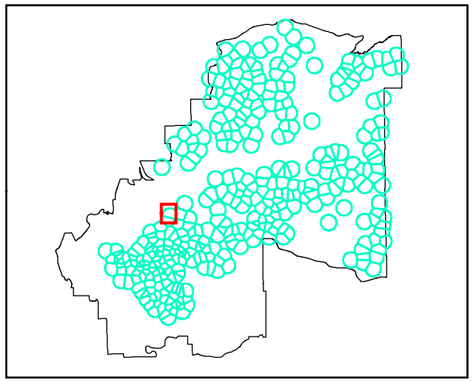
N W E S

Appendix F. Figure 8. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **A14-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





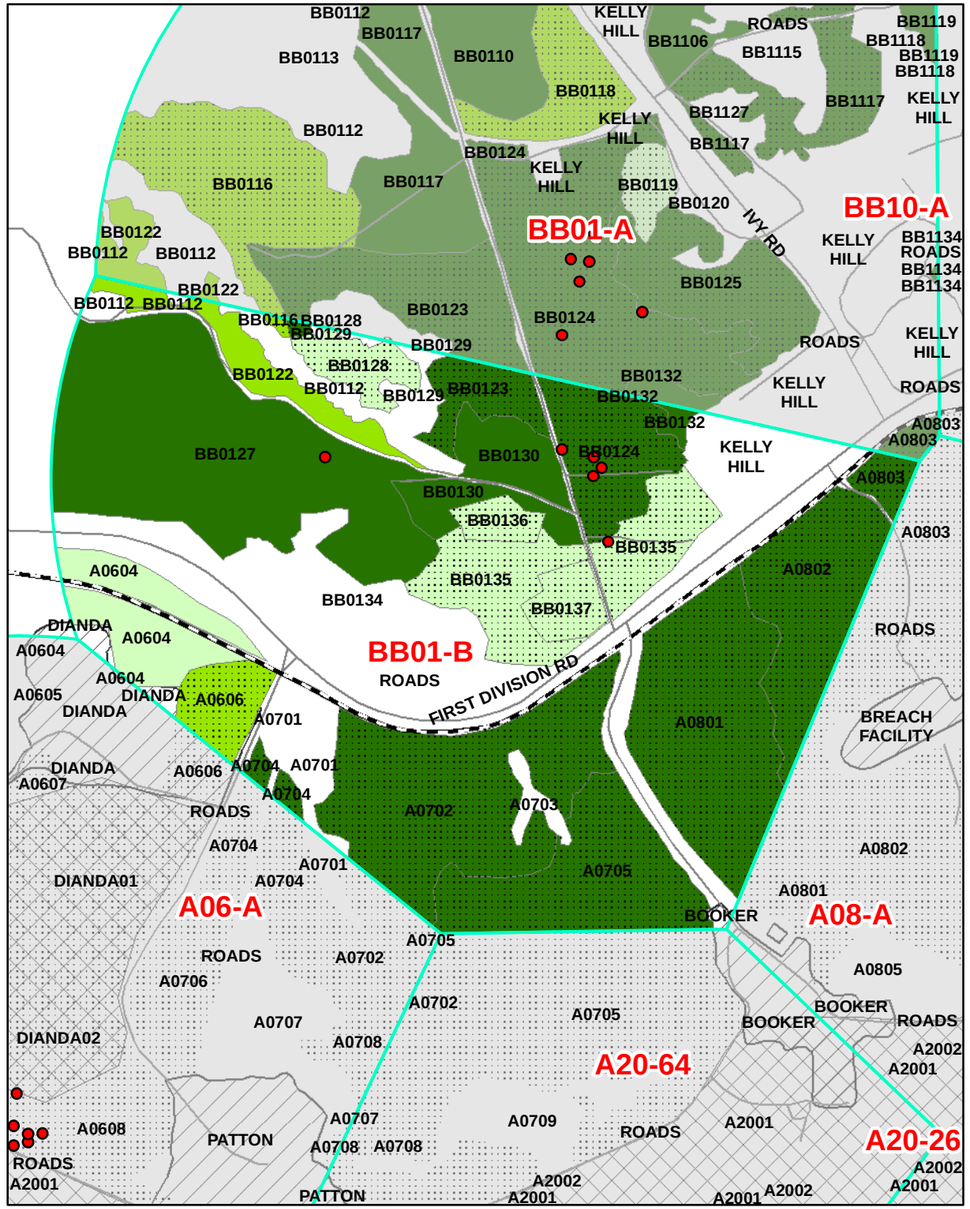
Cluster Location

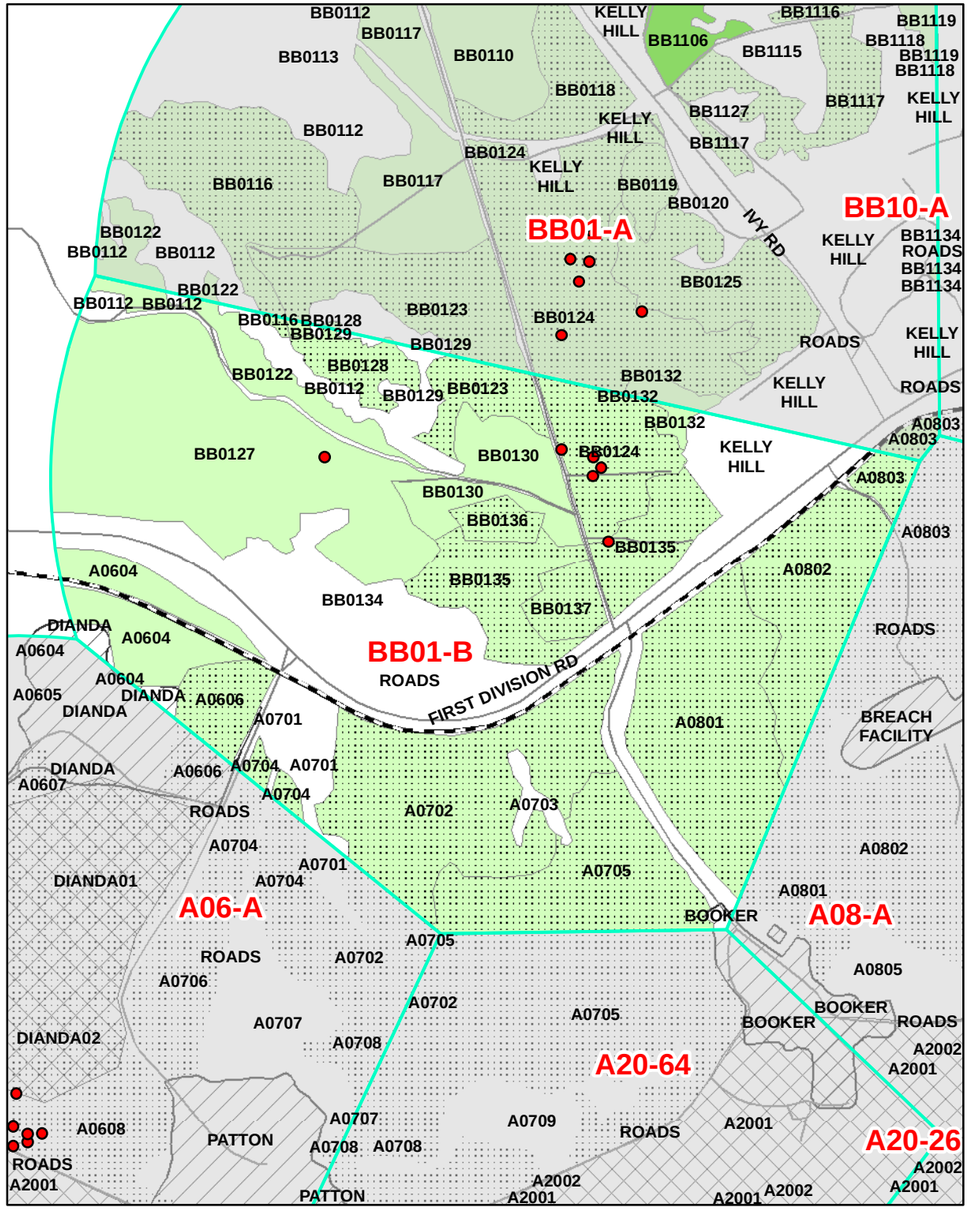
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Permanently noncontiguous habitat
- Temporarily noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

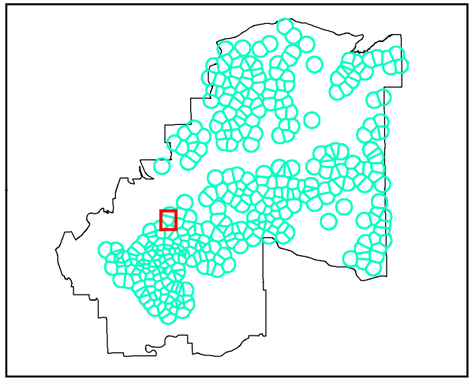
Appendix F. Figure 9. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **BB01-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- A20 Dudded Impact Area
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Permanently noncontiguous habitat
- Temporarily noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

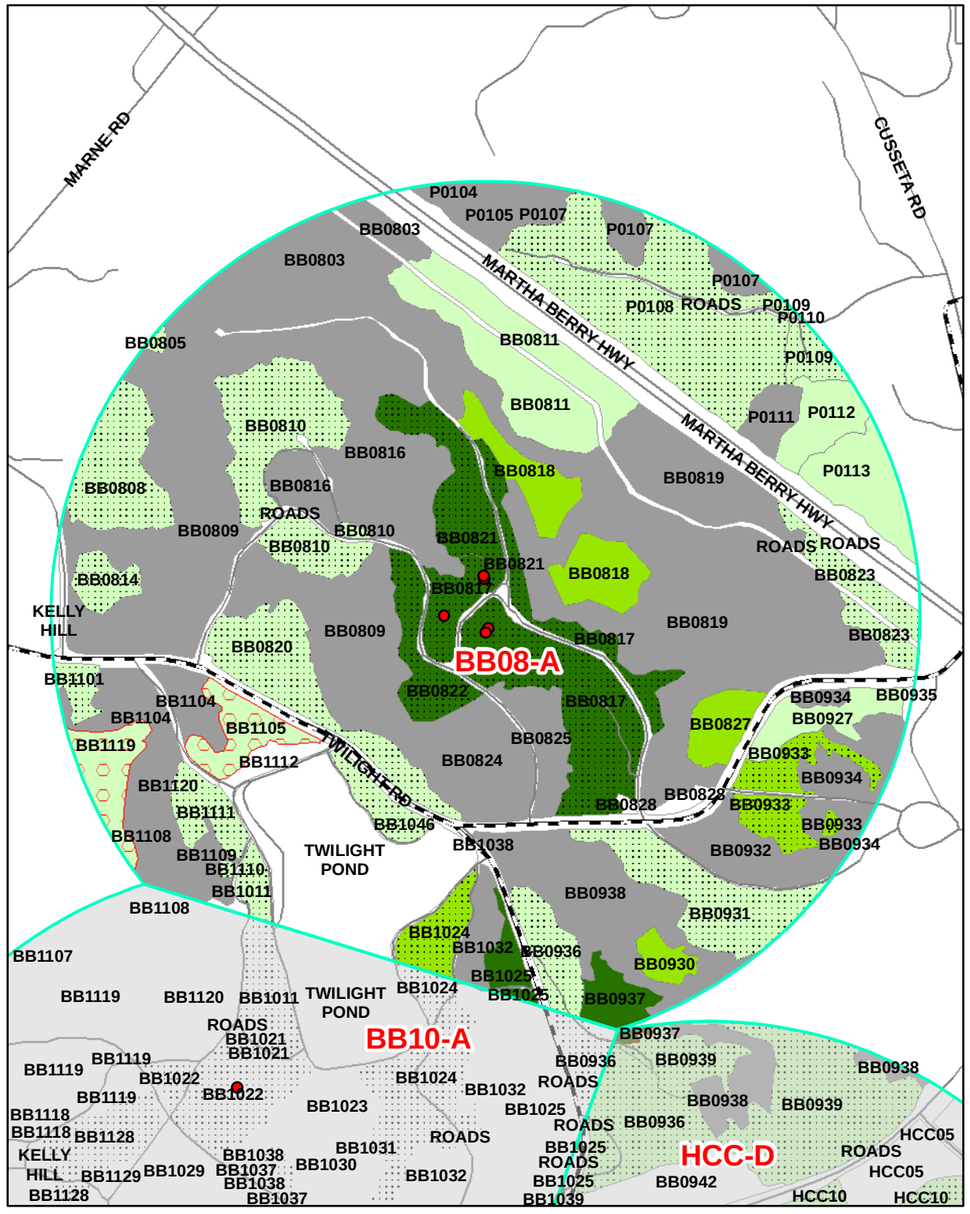
2,000 1,000 0 2,000 Feet

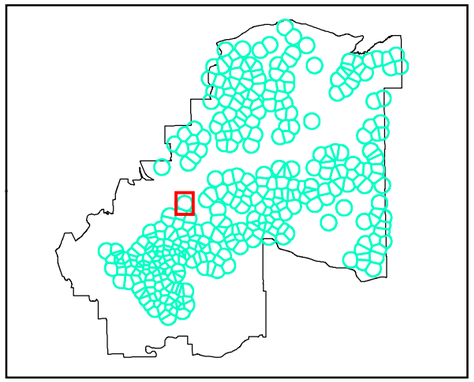
N W E S

Appendix F. Figure 10. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **BB01-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





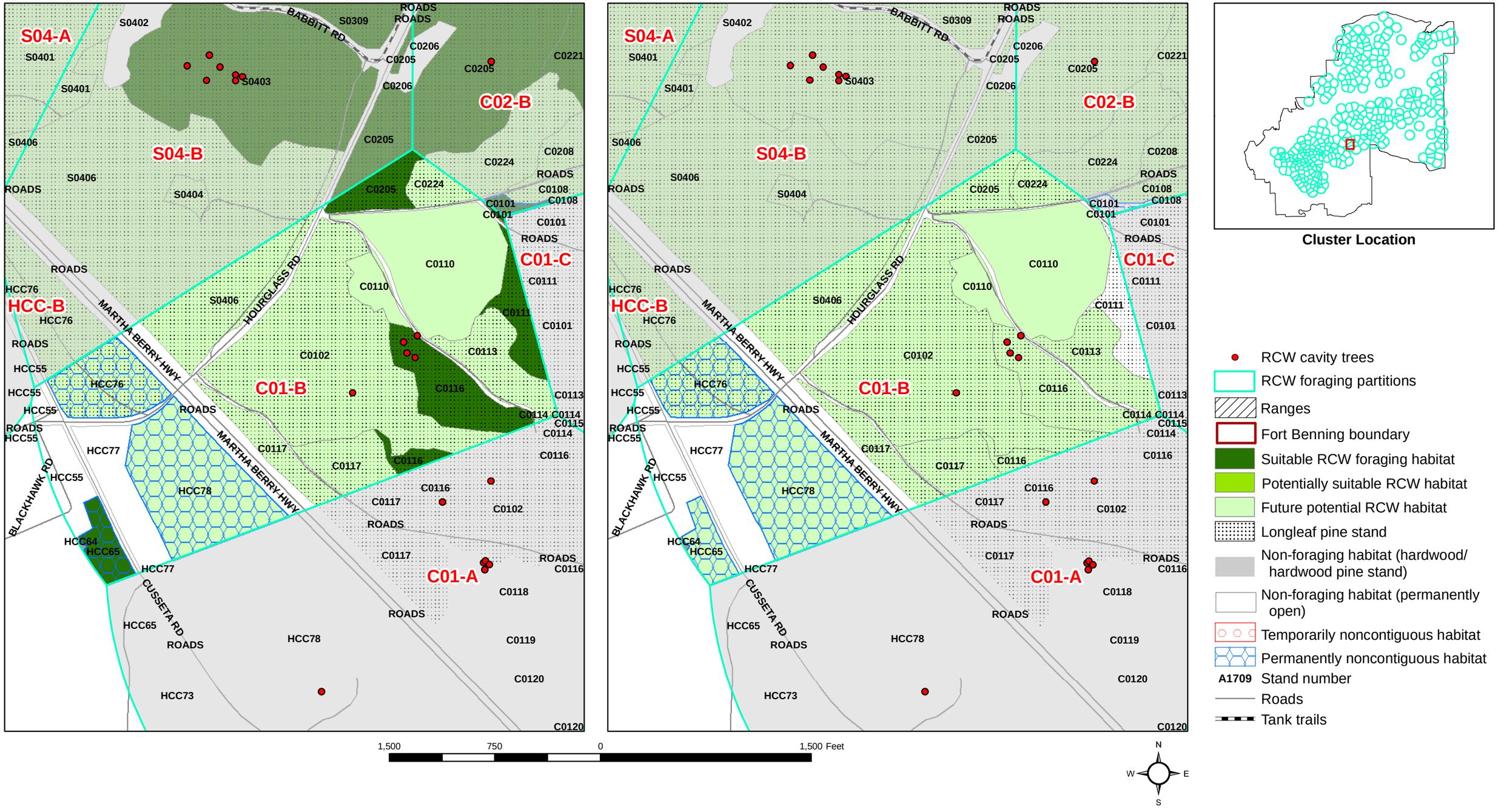
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Permanently noncontiguous habitat
- Temporarily noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 11. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **BB08-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



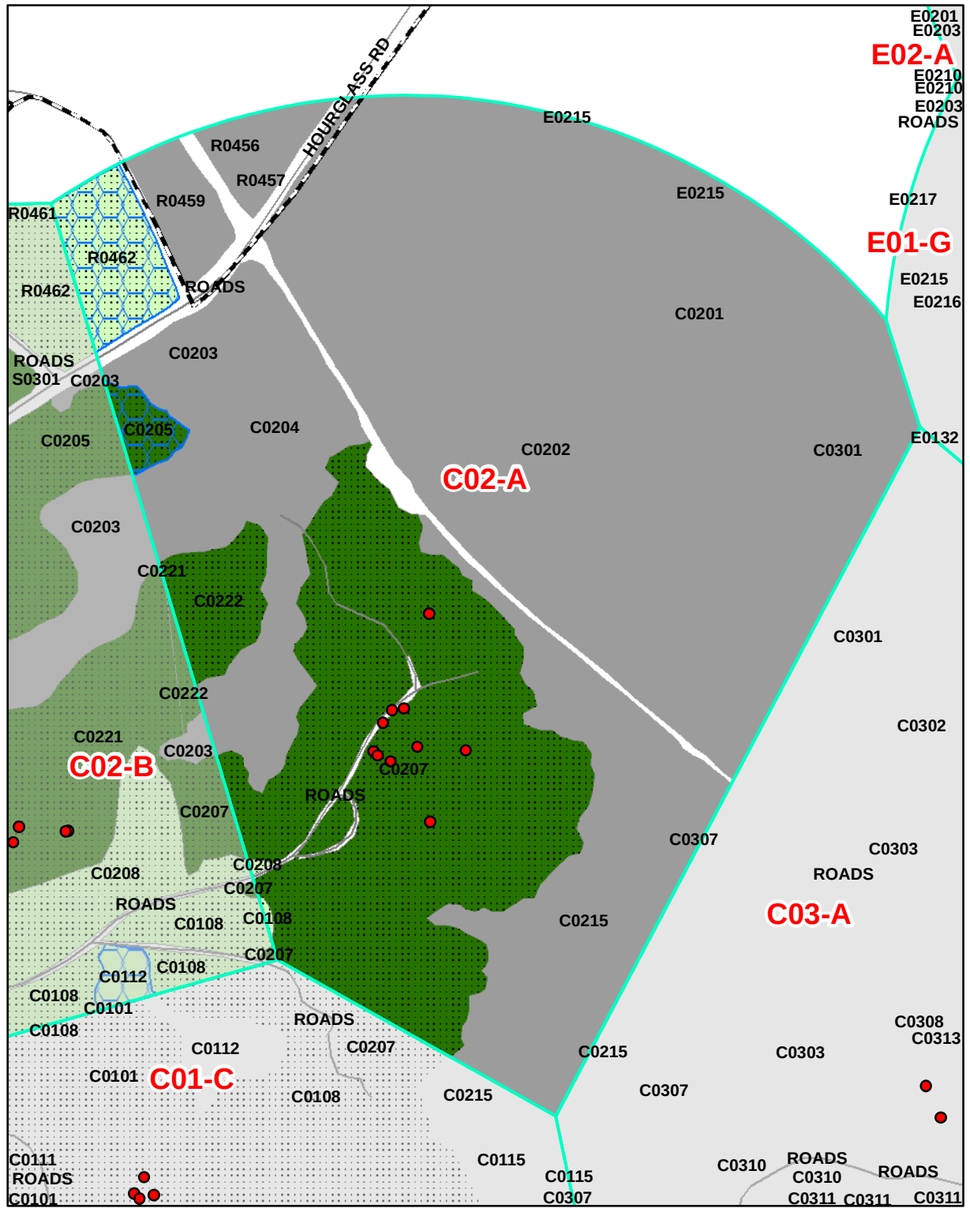
Cluster Location

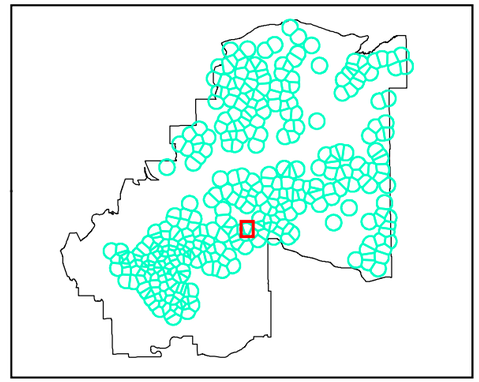
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 12. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **C01-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

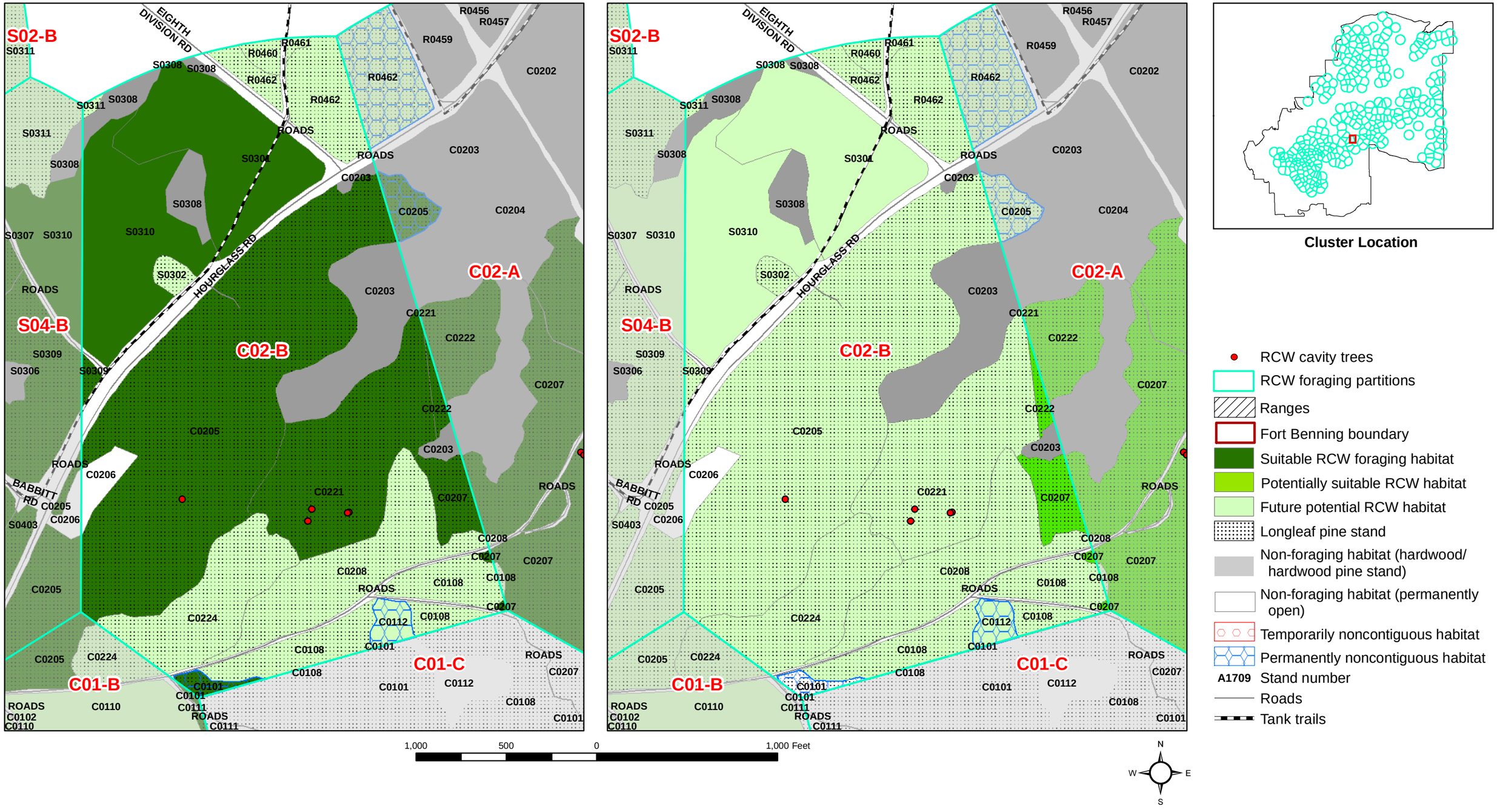
1,500 750 0 1,500 Feet

N W E S

Appendix F. Figure 13. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **C02-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



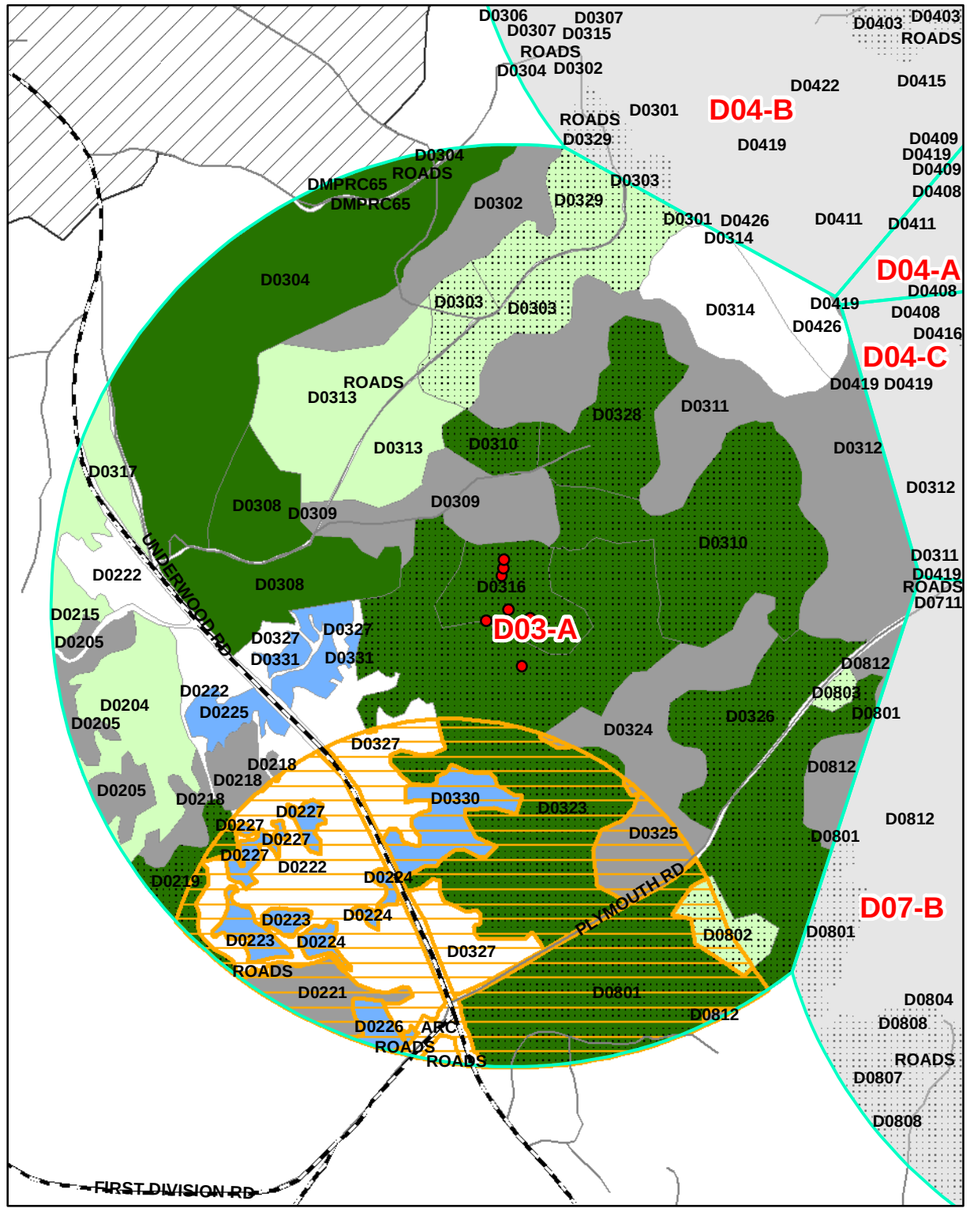
Cluster Location

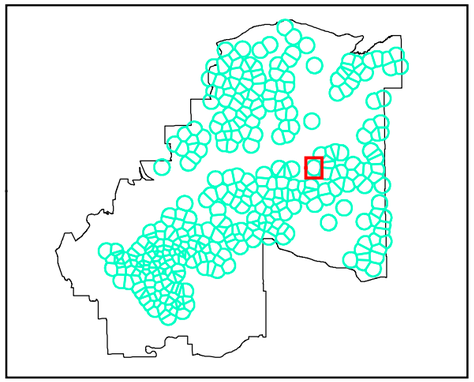
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 14. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **C02-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





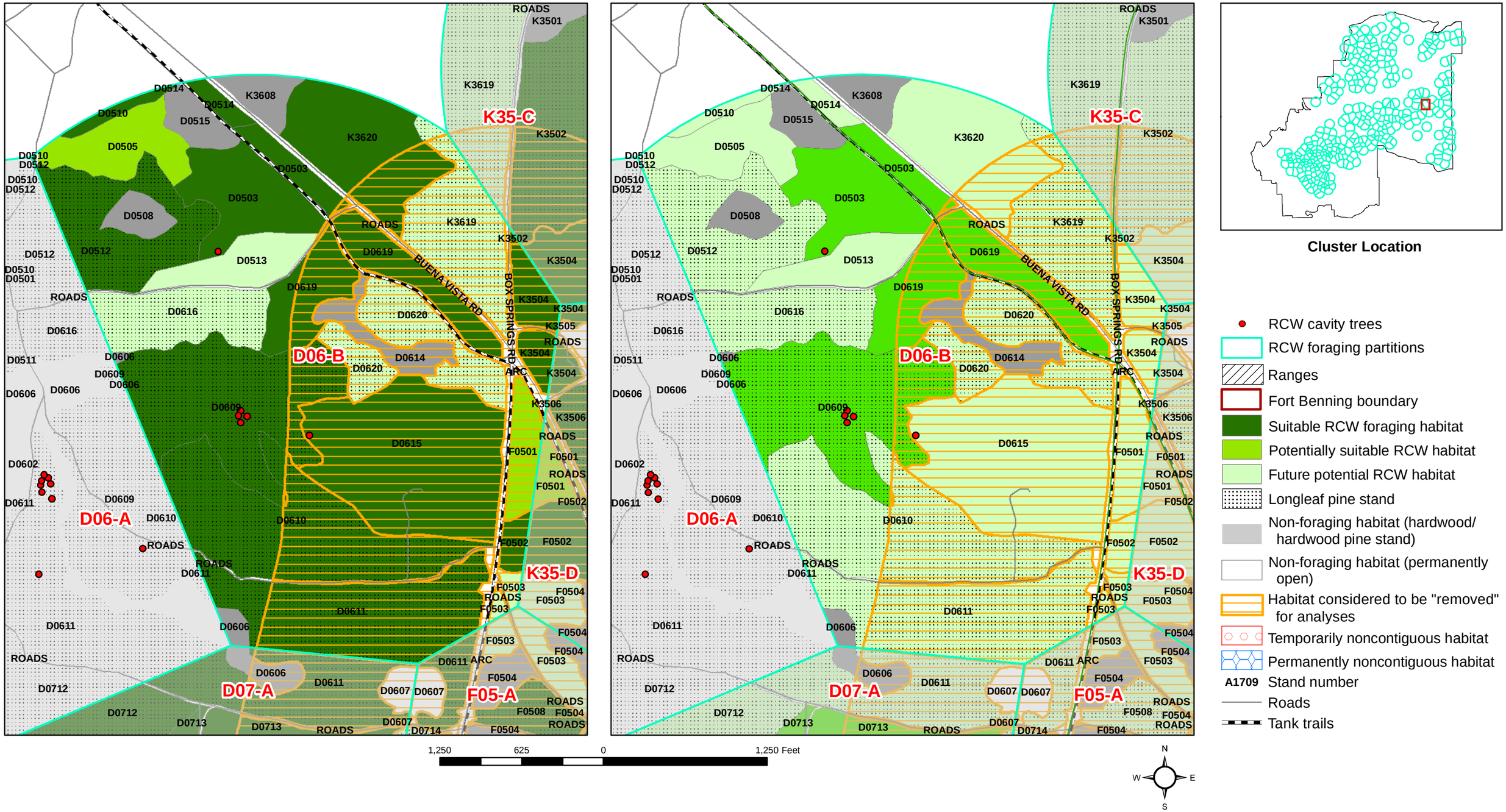
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Minimally-managed pine habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 15. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **D03-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



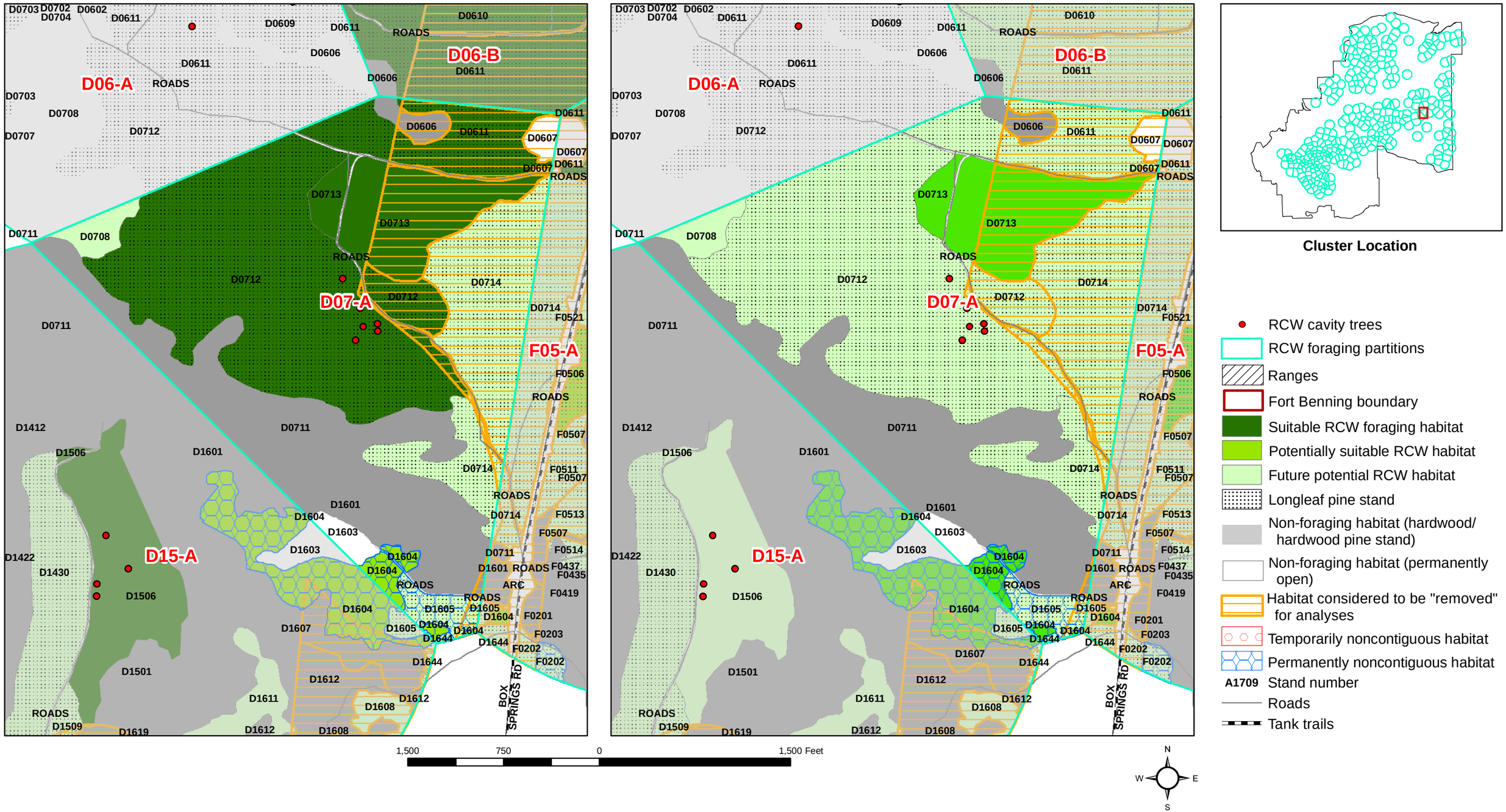
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 16. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **D06-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



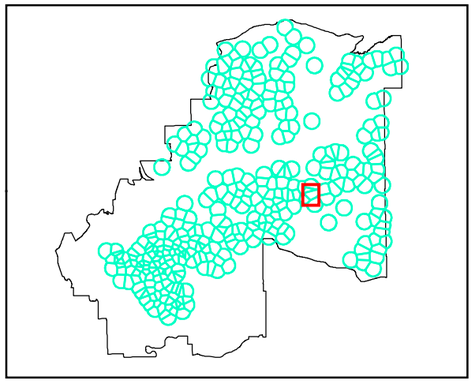
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 17. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **D07-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



Cluster Location

D09-C
D11-C
D14-A
D09-B
D09-A
D14-B
D12-A
D13-A
UNDERWOOD RD
PLYMOUTH RD
HELMET TRAIL
ROADS
ARC

RCW cavity trees
RCW foraging partitions
Ranges
Fort Benning boundary
Suitable RCW foraging habitat
Potentially suitable RCW habitat
Future potential RCW habitat
Longleaf pine stand
Non-foraging habitat (hardwood/ hardwood pine stand)
Non-foraging habitat (permanently open)
Habitat considered to be "removed" for analyses
Temporarily noncontiguous habitat
Permanently noncontiguous habitat
A1709 Stand number
Roads
Tank trails

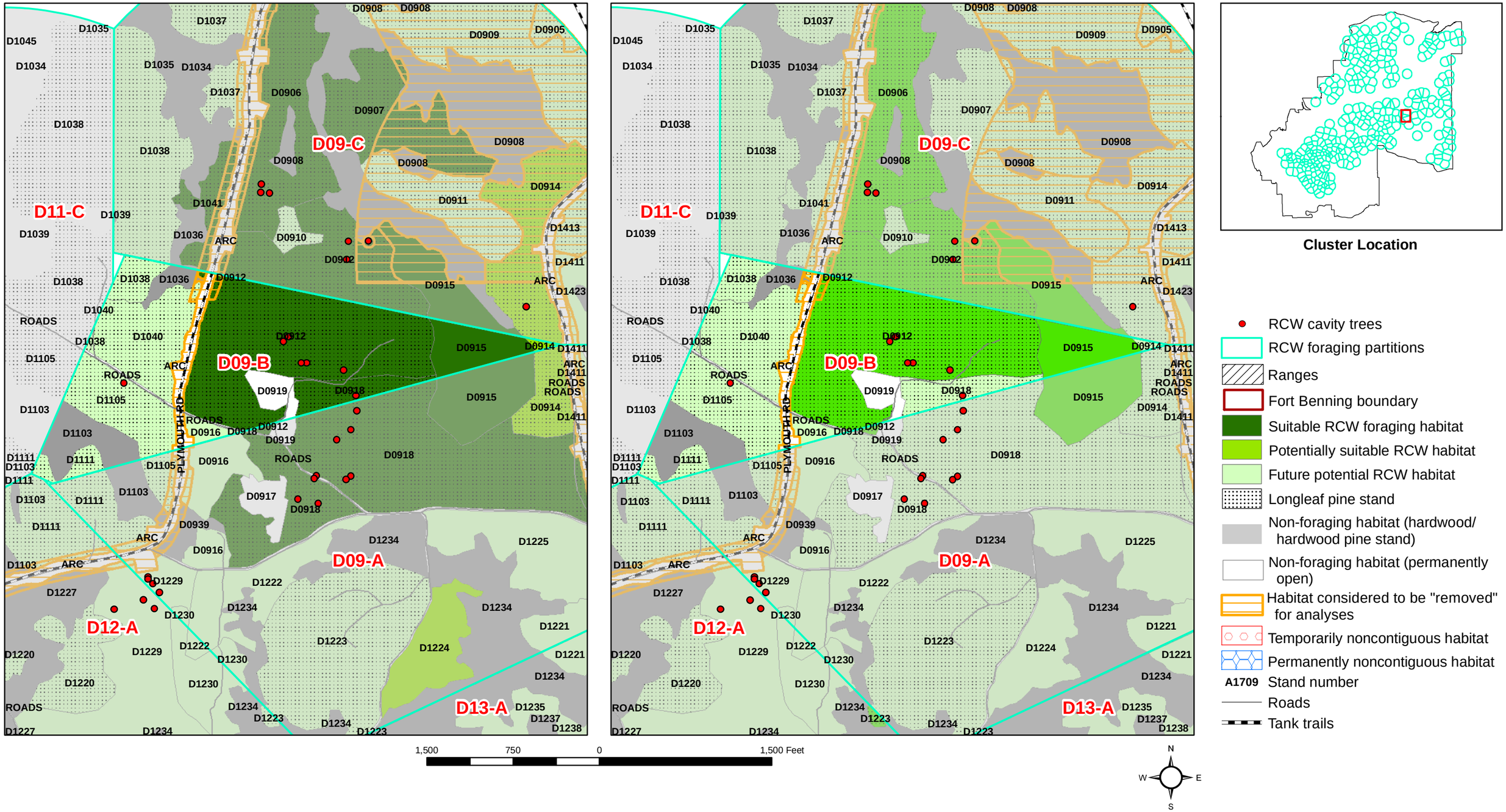
2,000 1,000 0 2,000 Feet

N
W E
S

Appendix F. Figure 18. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **D09-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

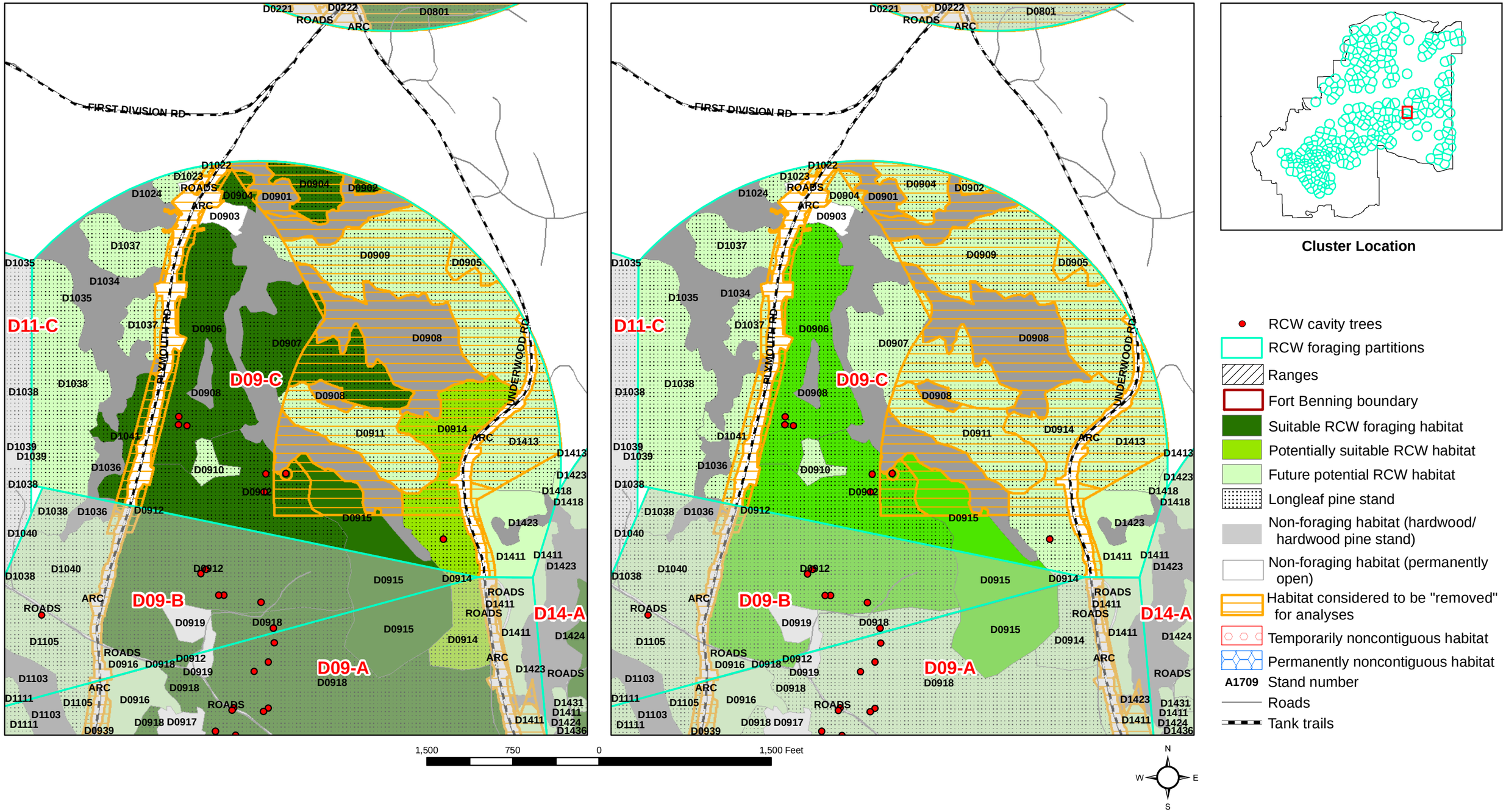
1,500 750 0 1,500 Feet

N W E S

Appendix F. Figure 19. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **D09-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



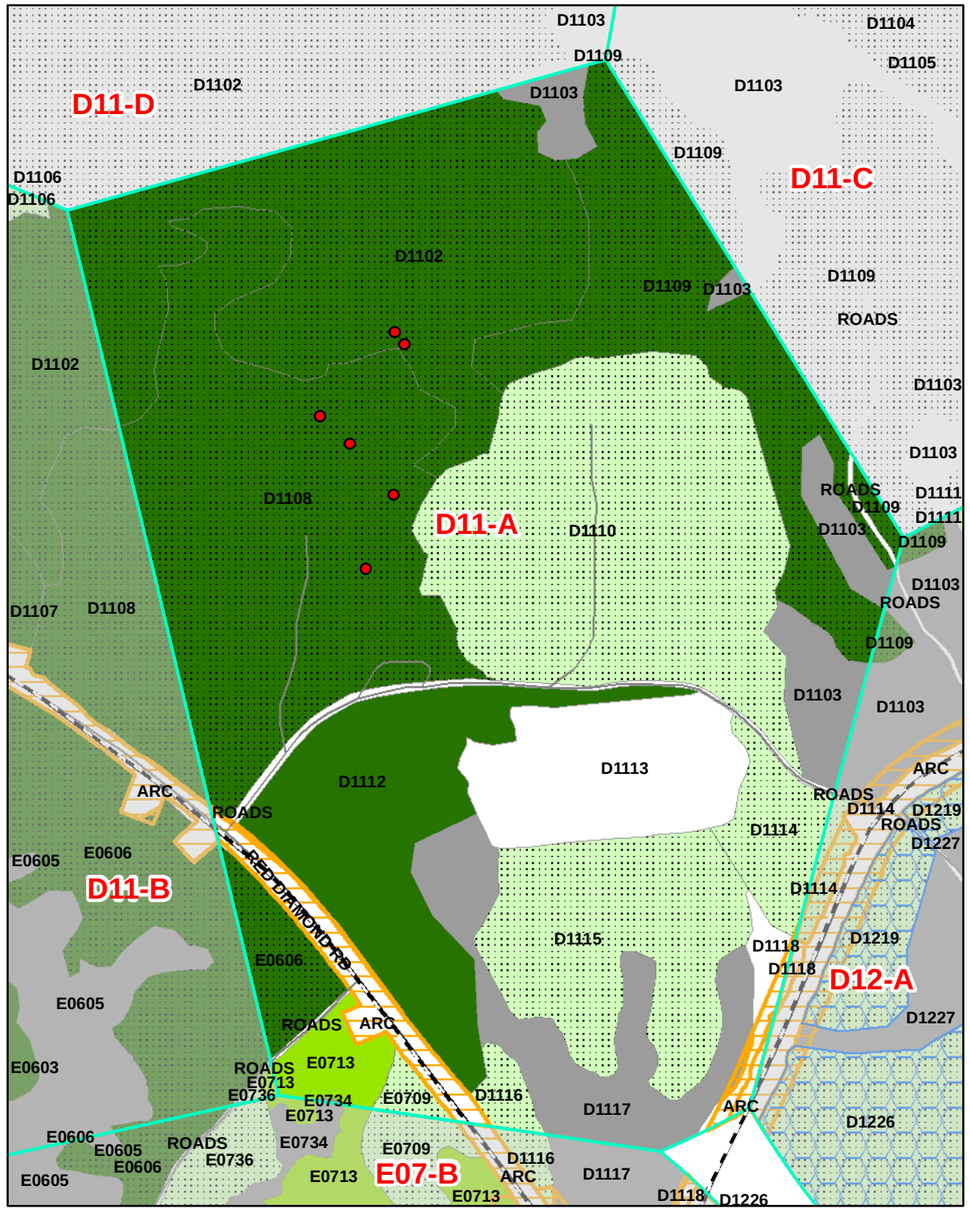
Cluster Location

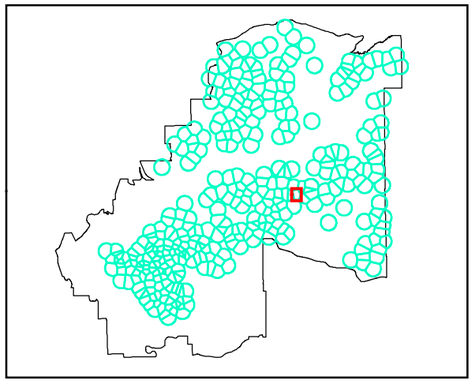
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 20. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **D09-C** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





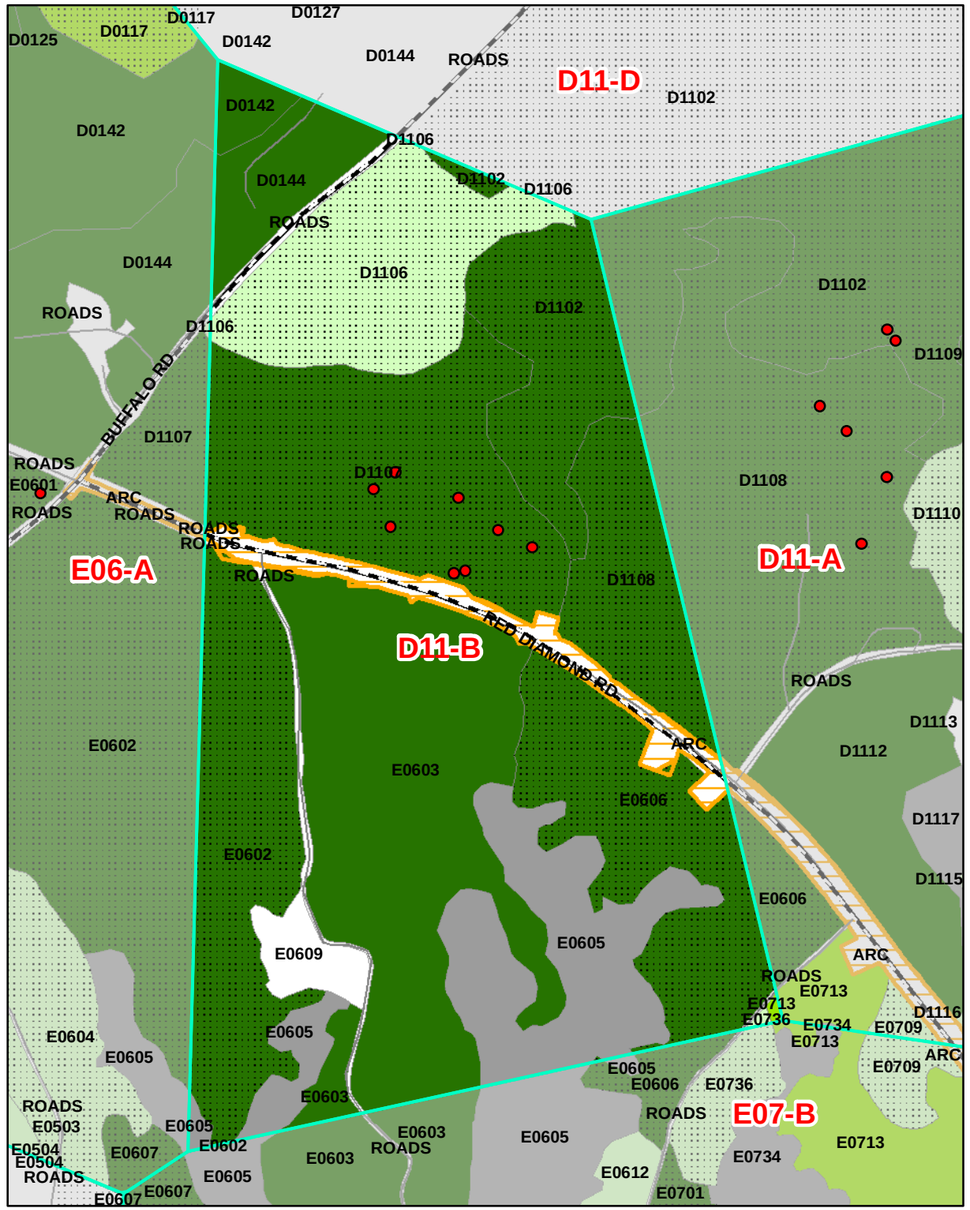
Cluster Location

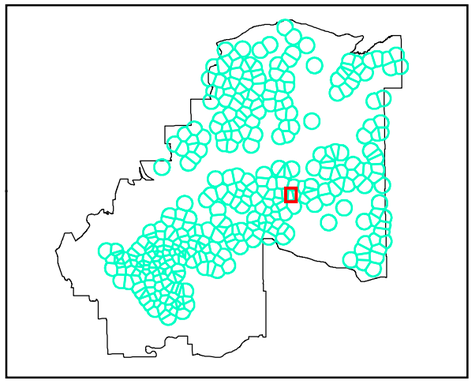
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 21. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **D11-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





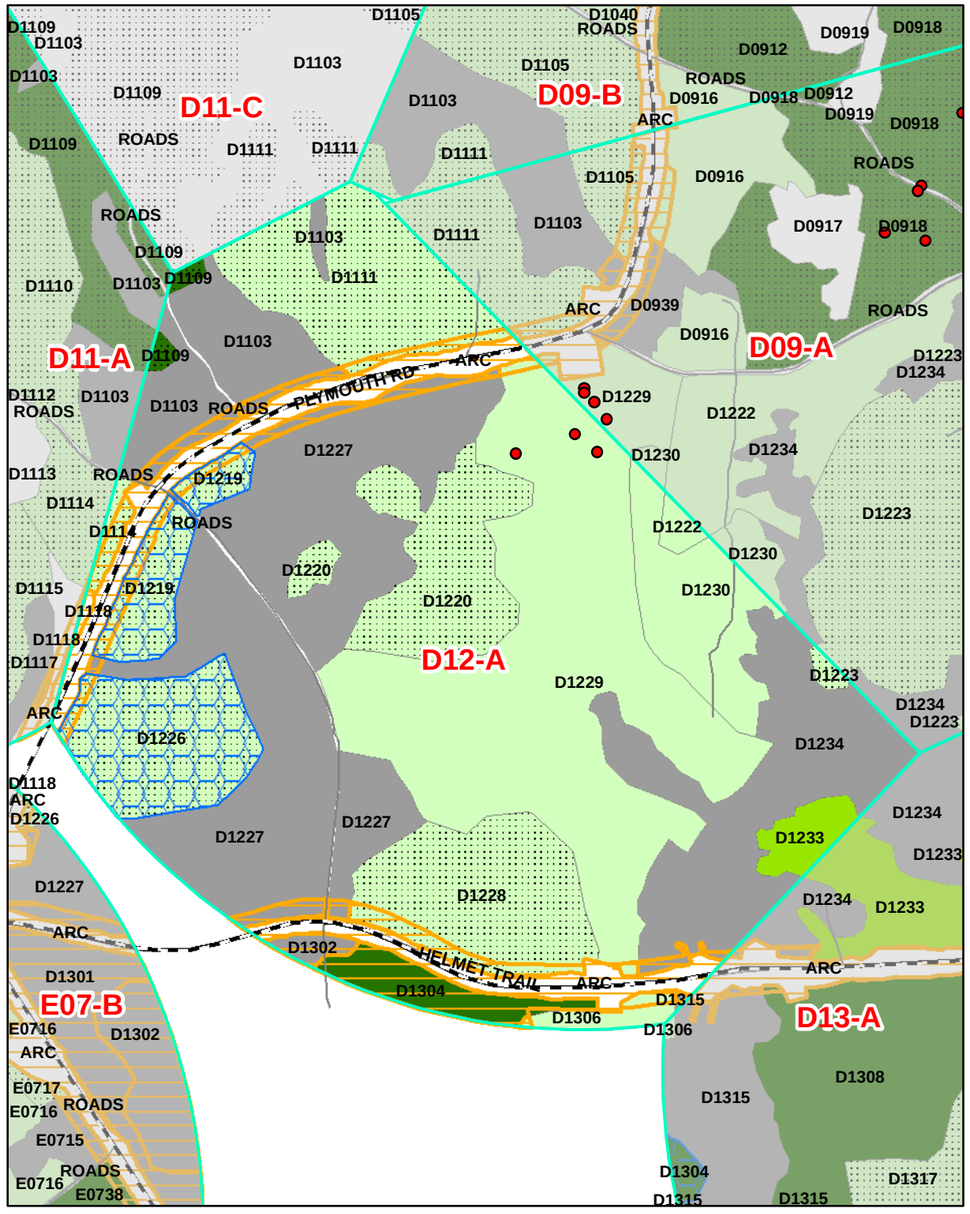
Cluster Location

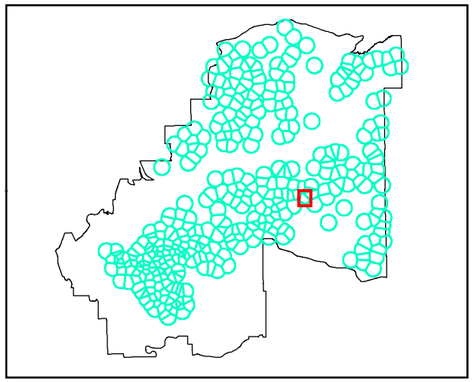
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 22. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **D11-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





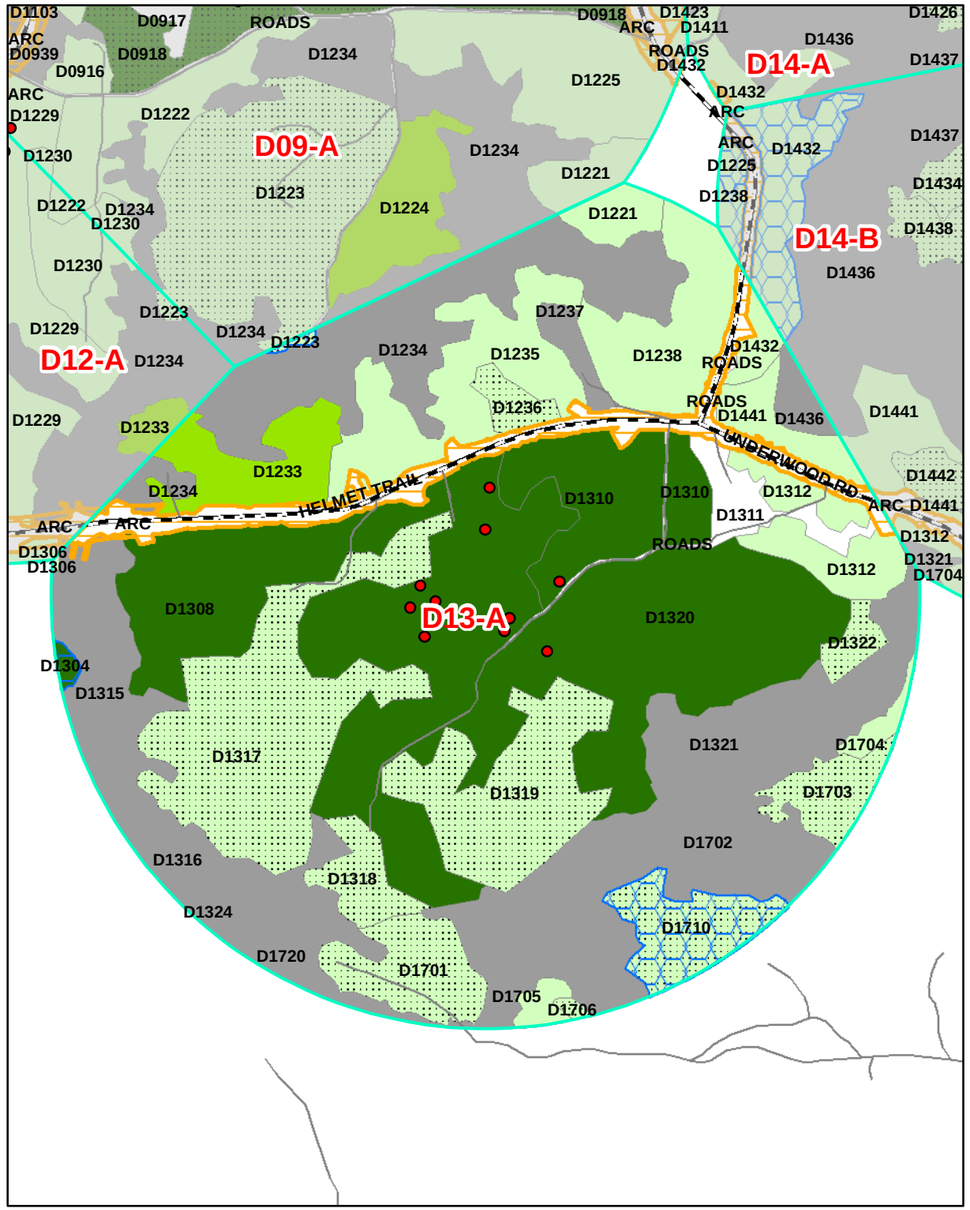
Cluster Location

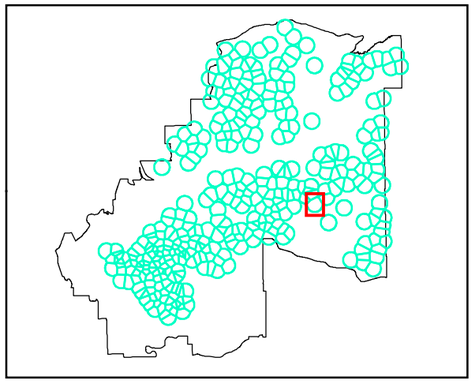
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 23. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **D12-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

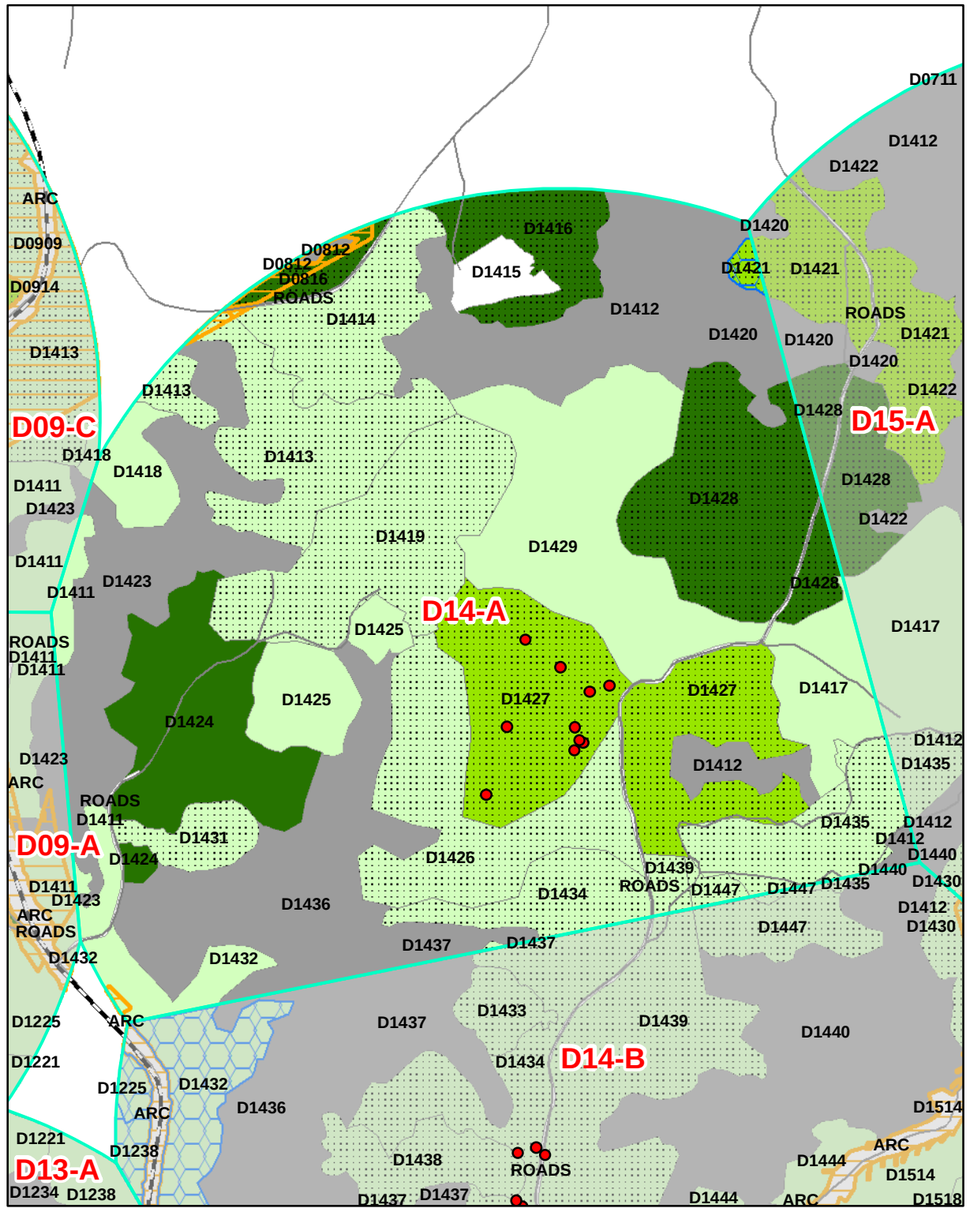
1,500 750 0 1,500 Feet

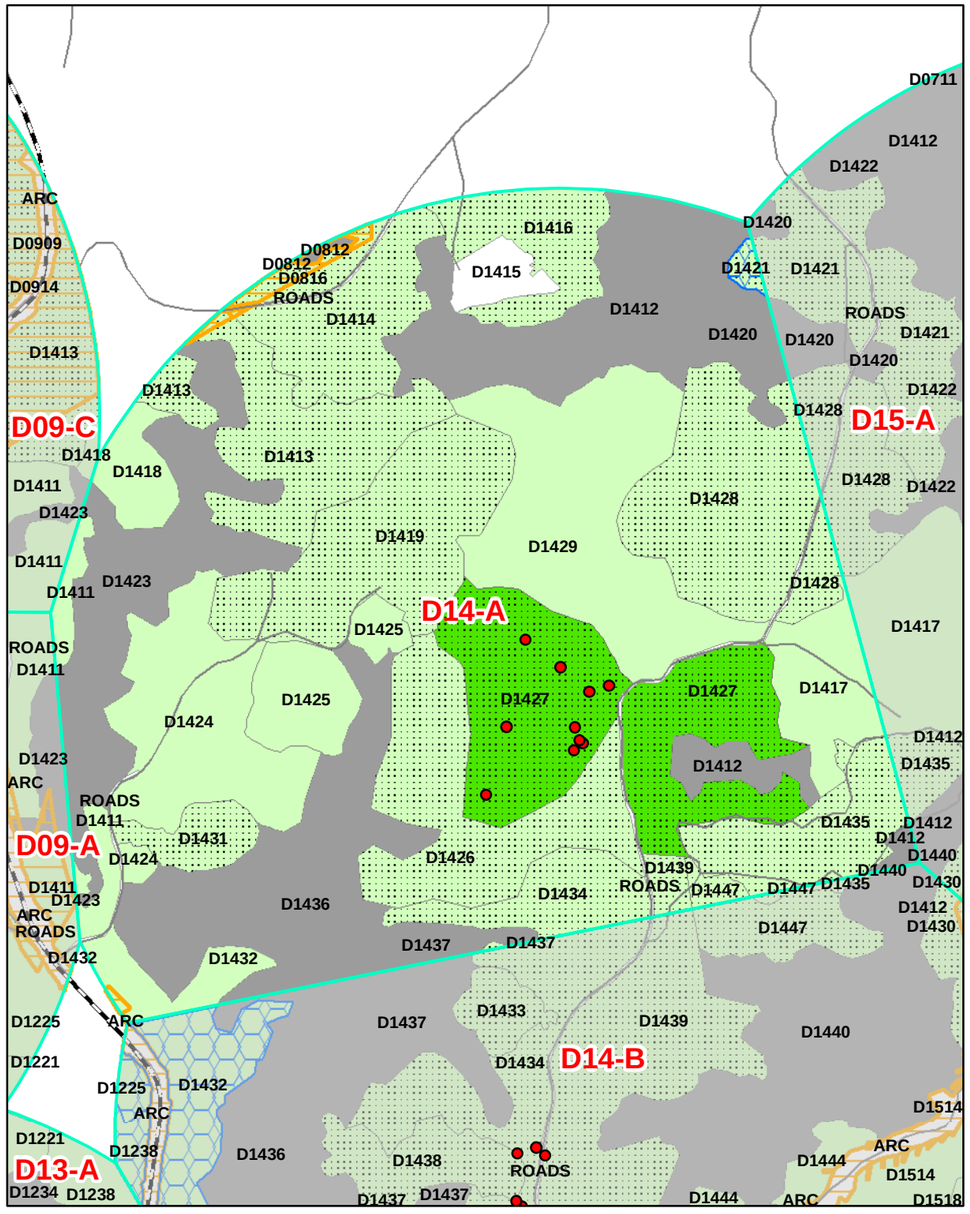
N W E S

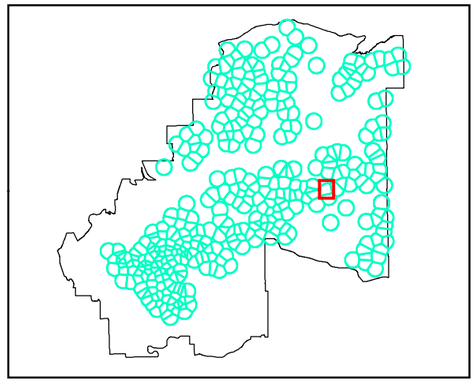
Appendix F. Figure 24. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **D13-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

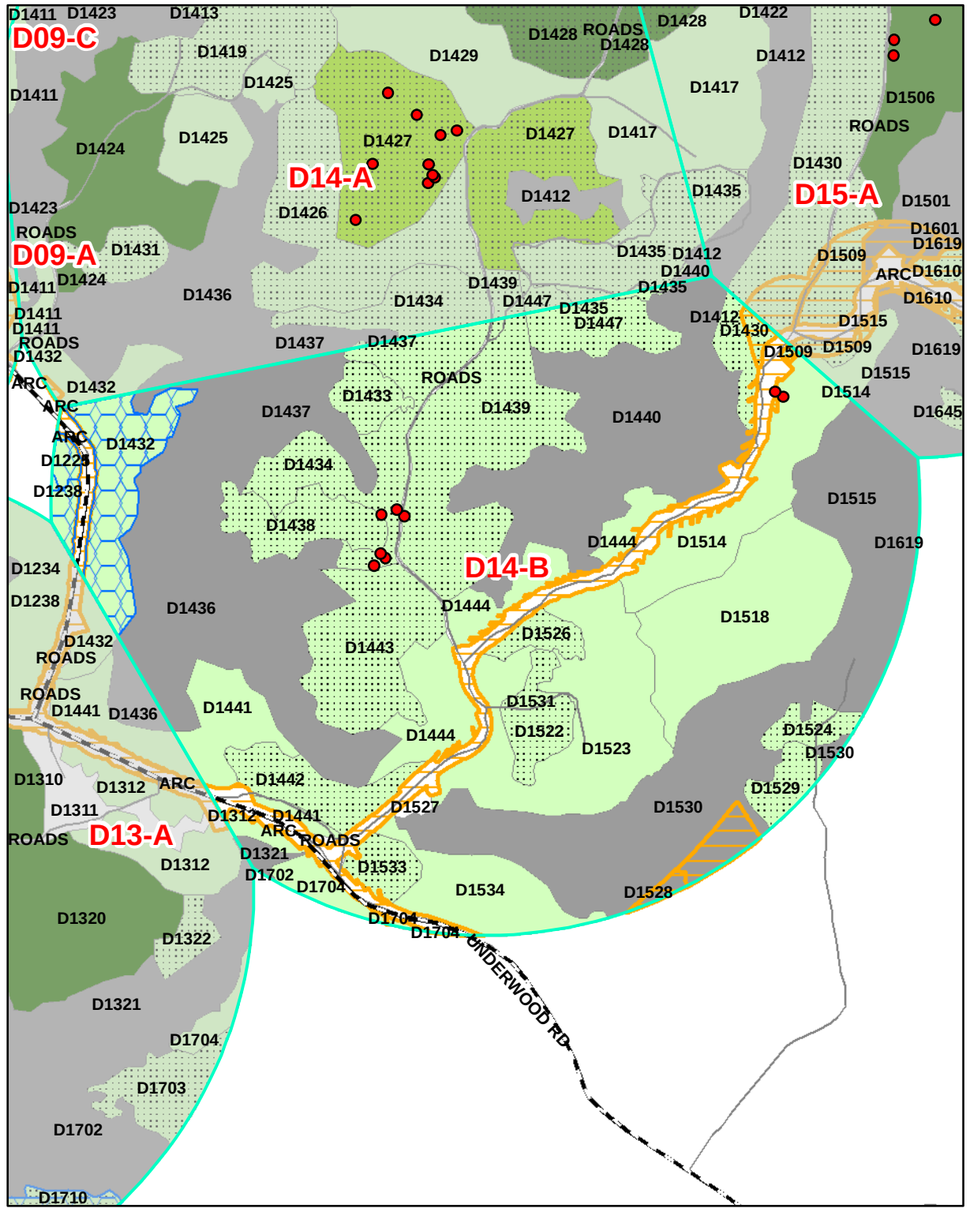
1,500 750 0 1,500 Feet

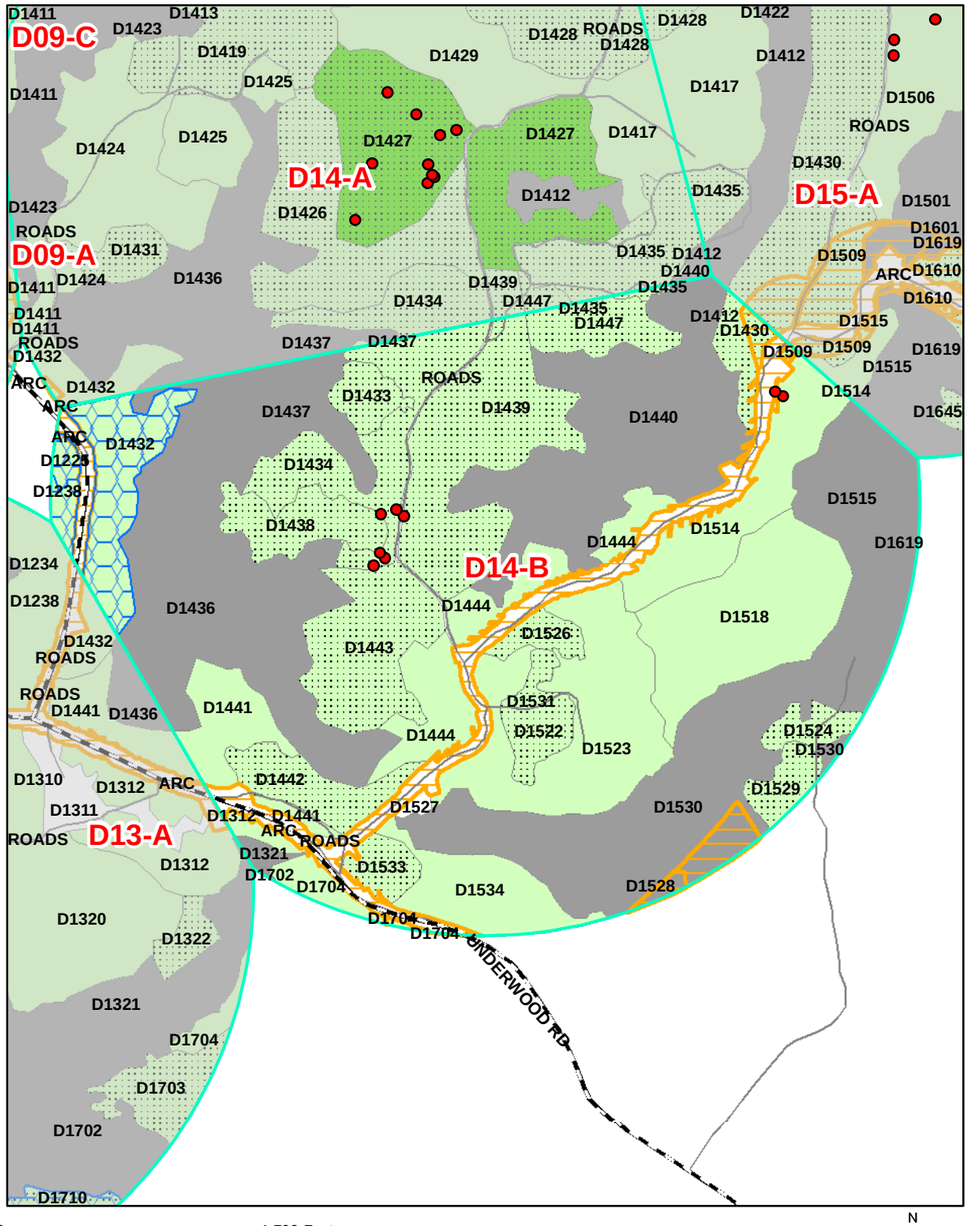
N W E S

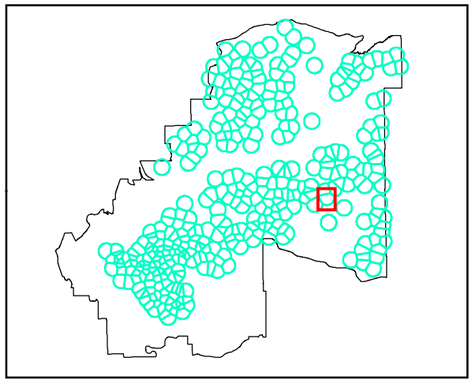
Appendix F. Figure 25. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **D14-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

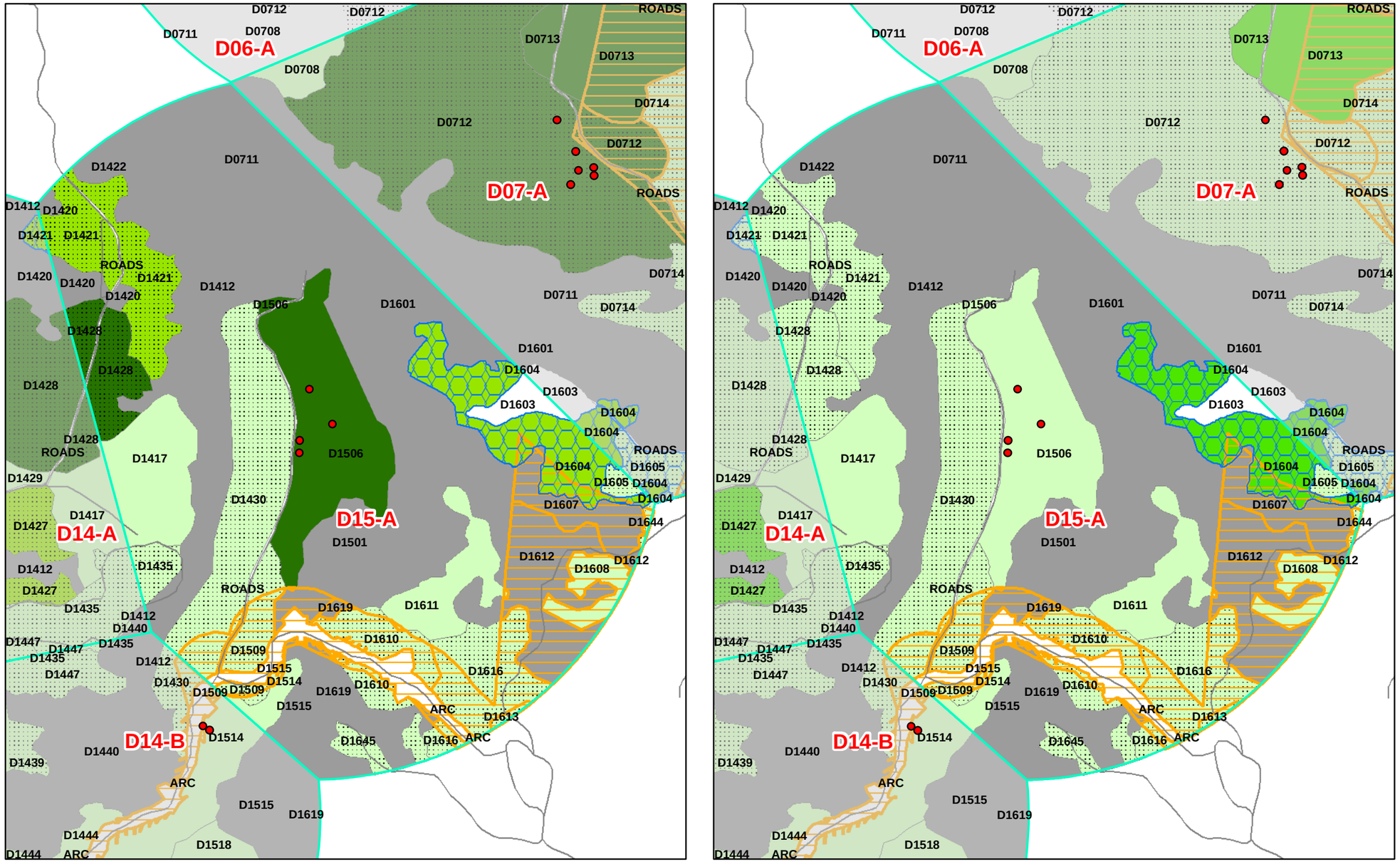
1,700 850 0 1,700 Feet

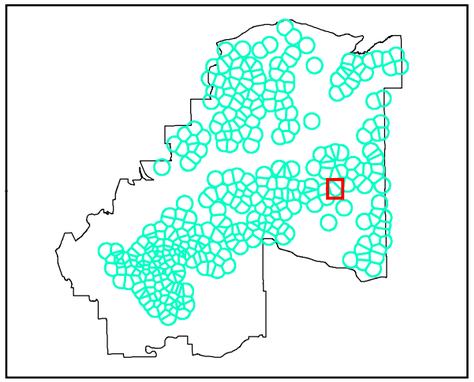
N W E S

Appendix F. Figure 26. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **D14-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





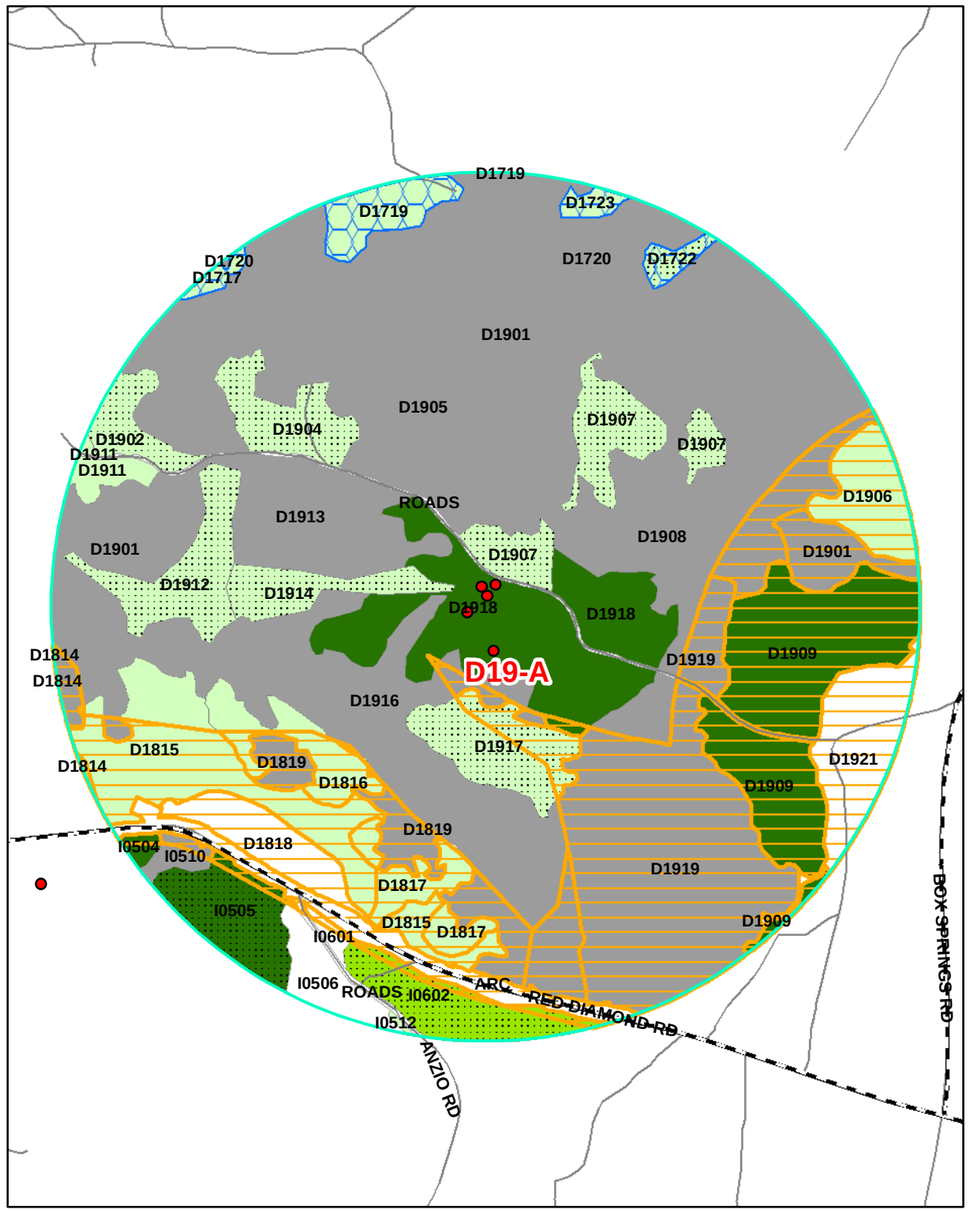
Cluster Location

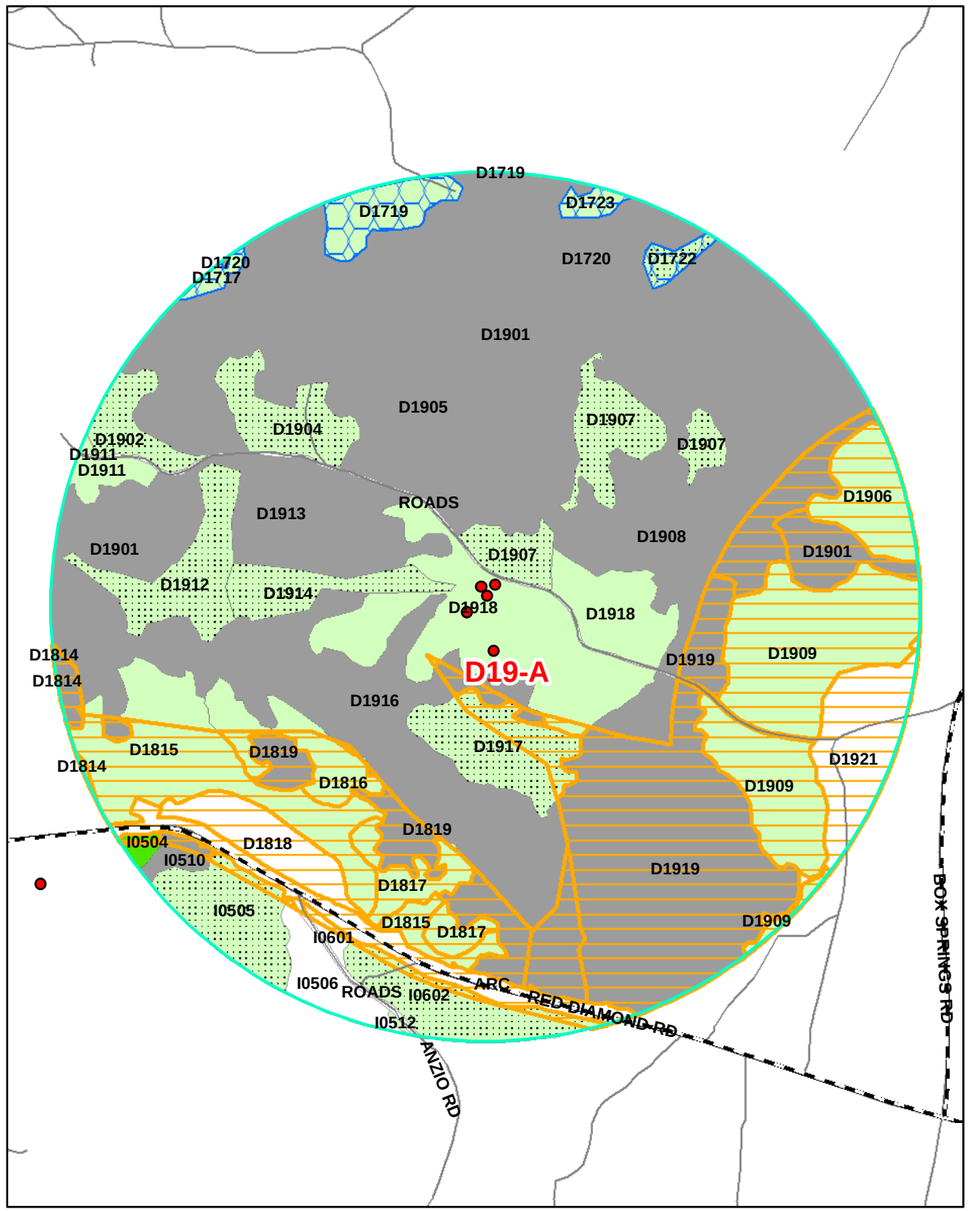
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

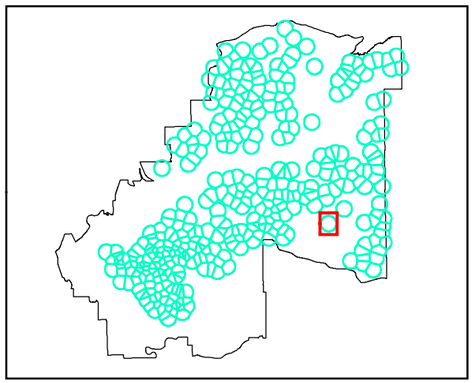
Appendix F. Figure 27. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **D15-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

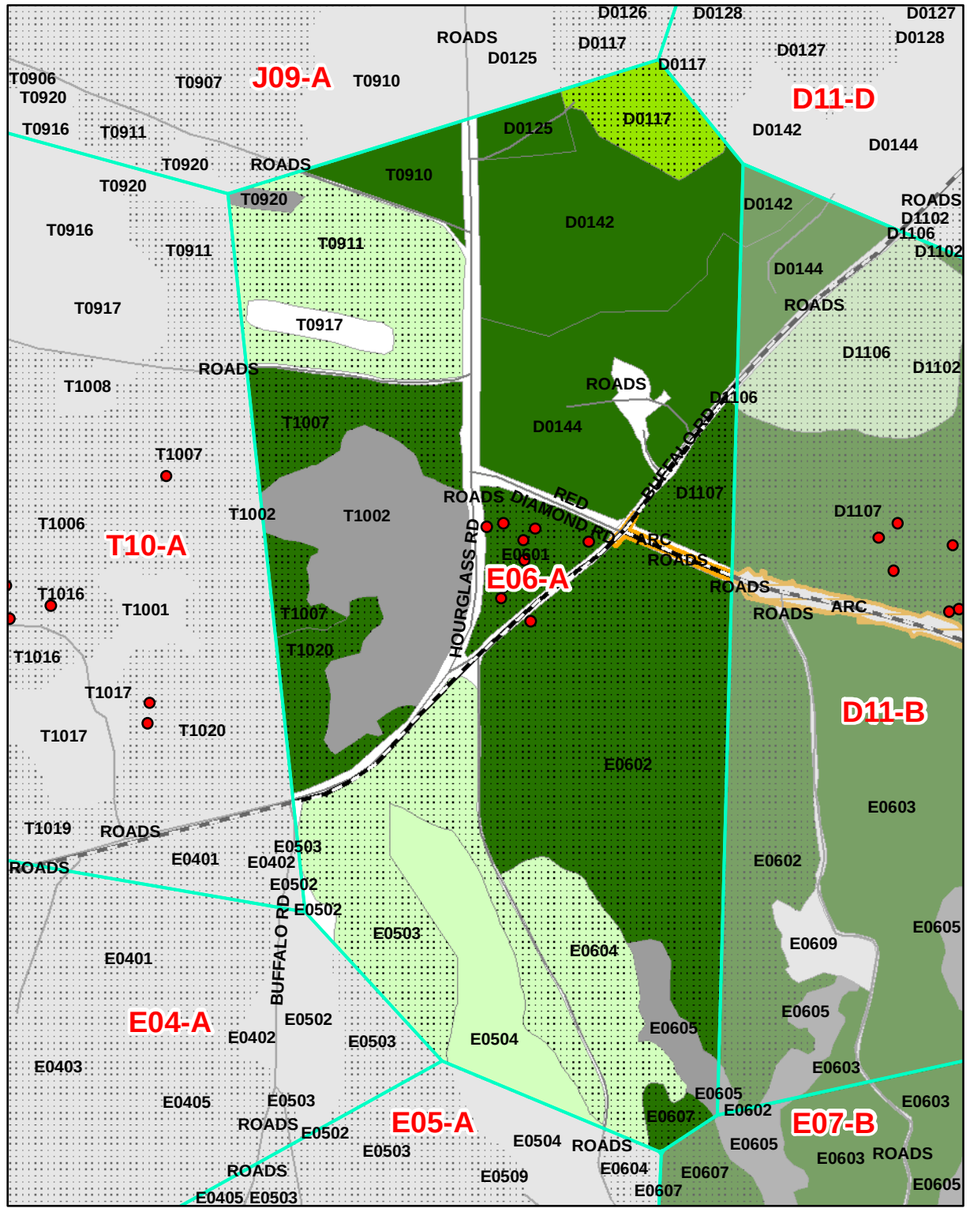
1,500 750 0 1,500 Feet

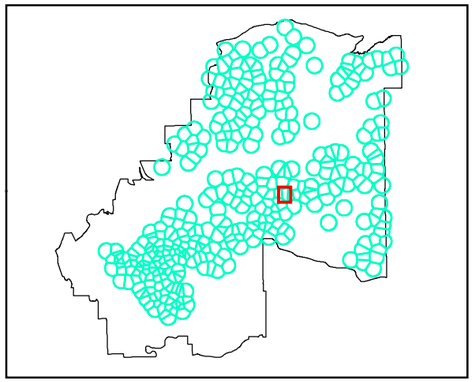
N W E S

Appendix F. Figure 28. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **D19-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





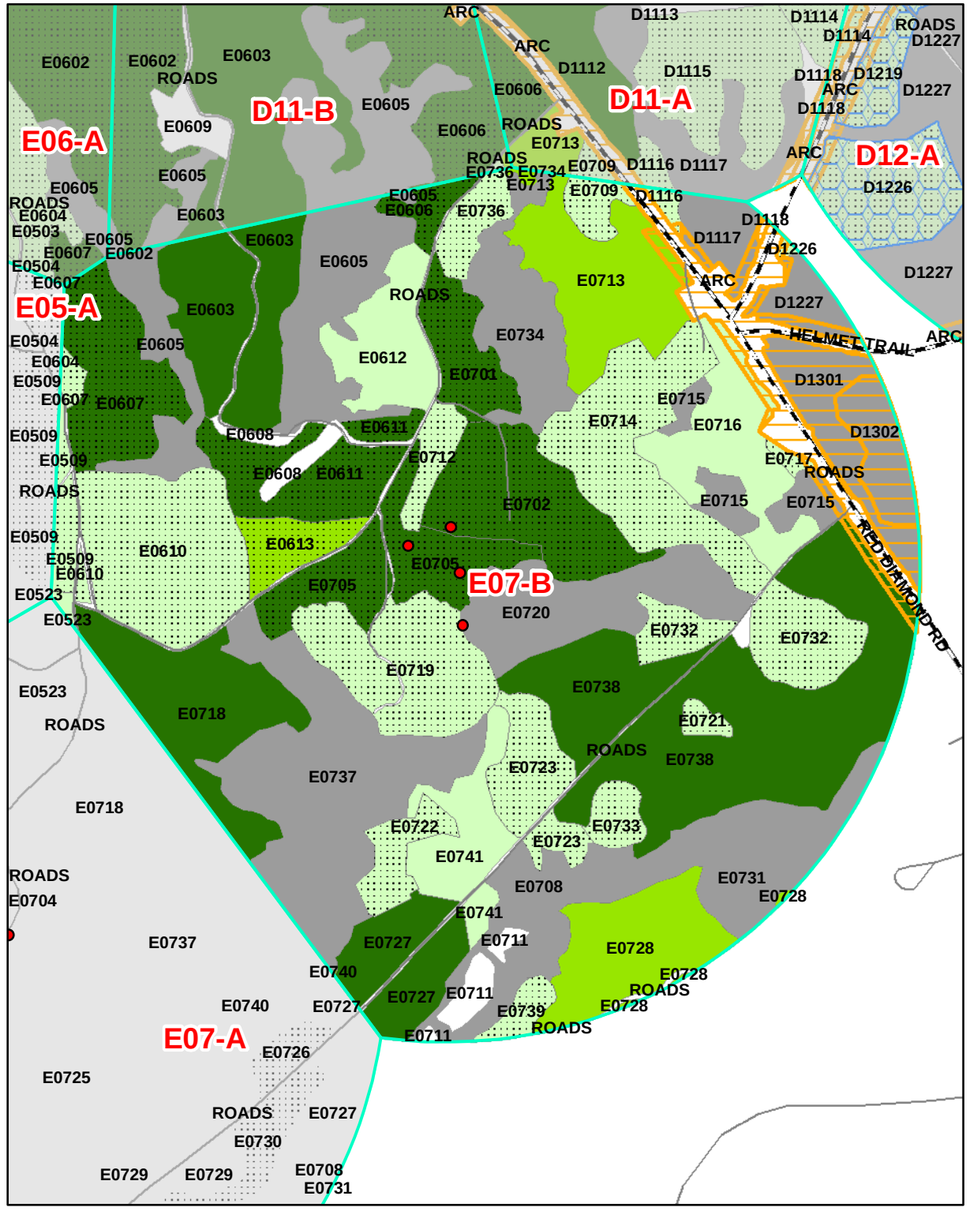
Cluster Location

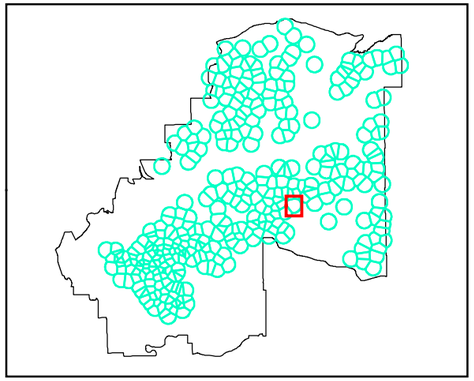
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 29. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **E06-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

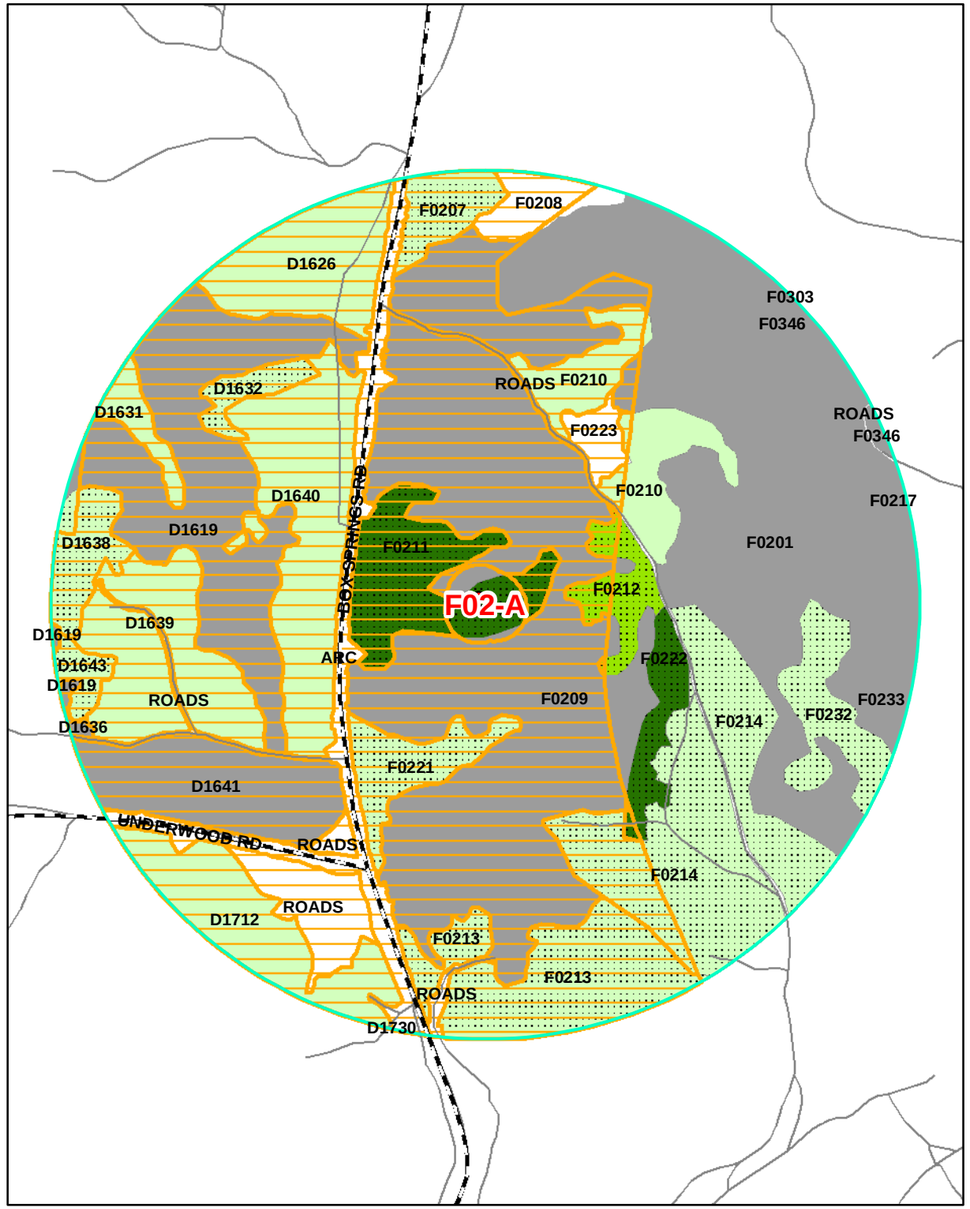
1,500 750 0 1,500 Feet

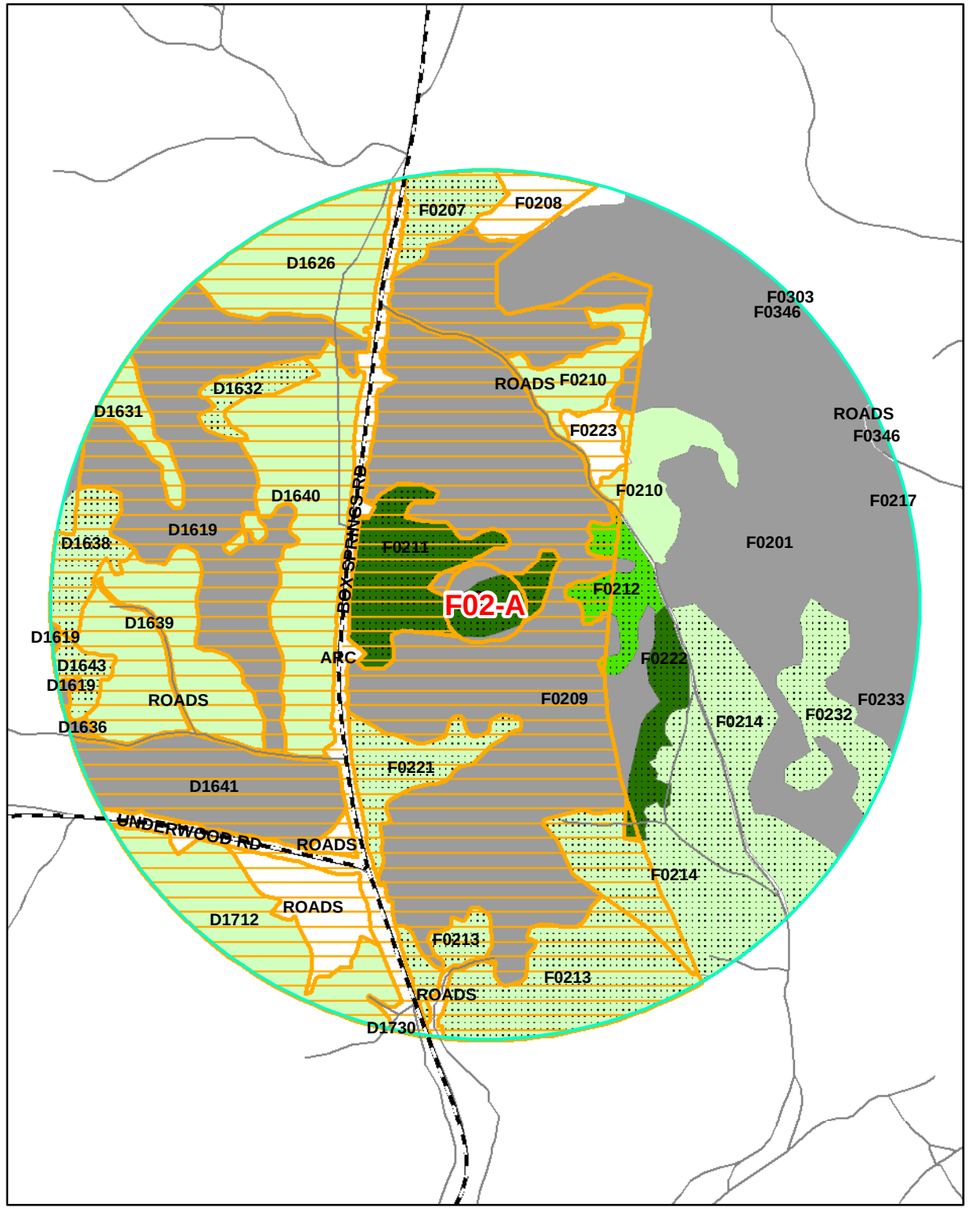
N W E S

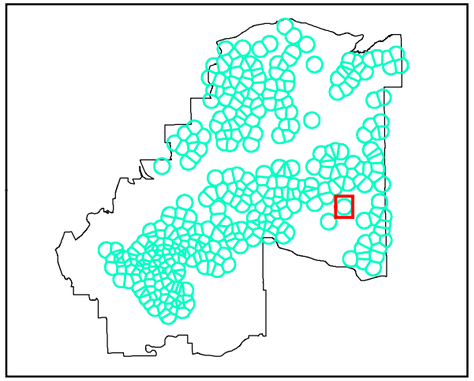
Appendix F. Figure 30. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **E07-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







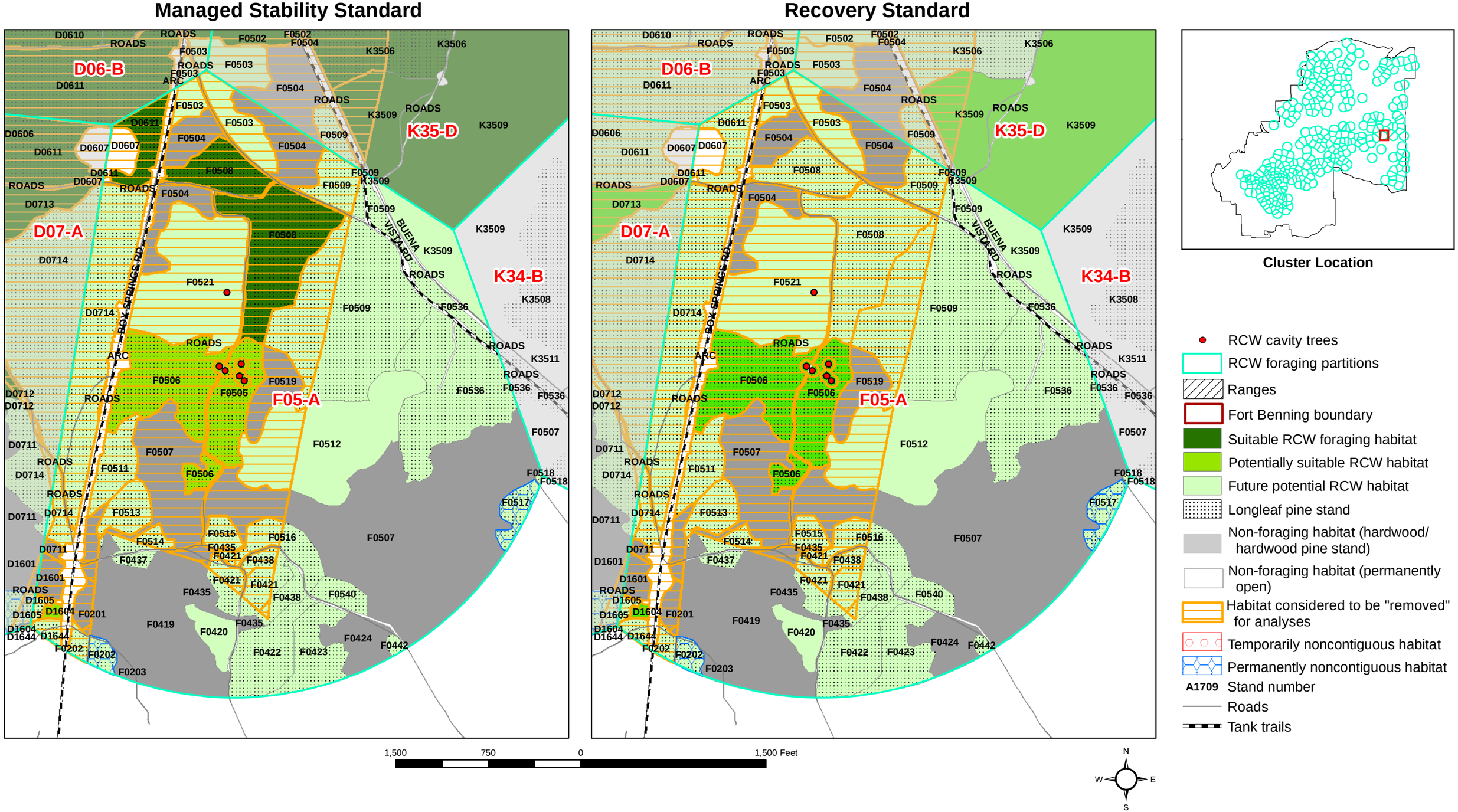
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

1,500 750 0 1,500 Feet

N W E S

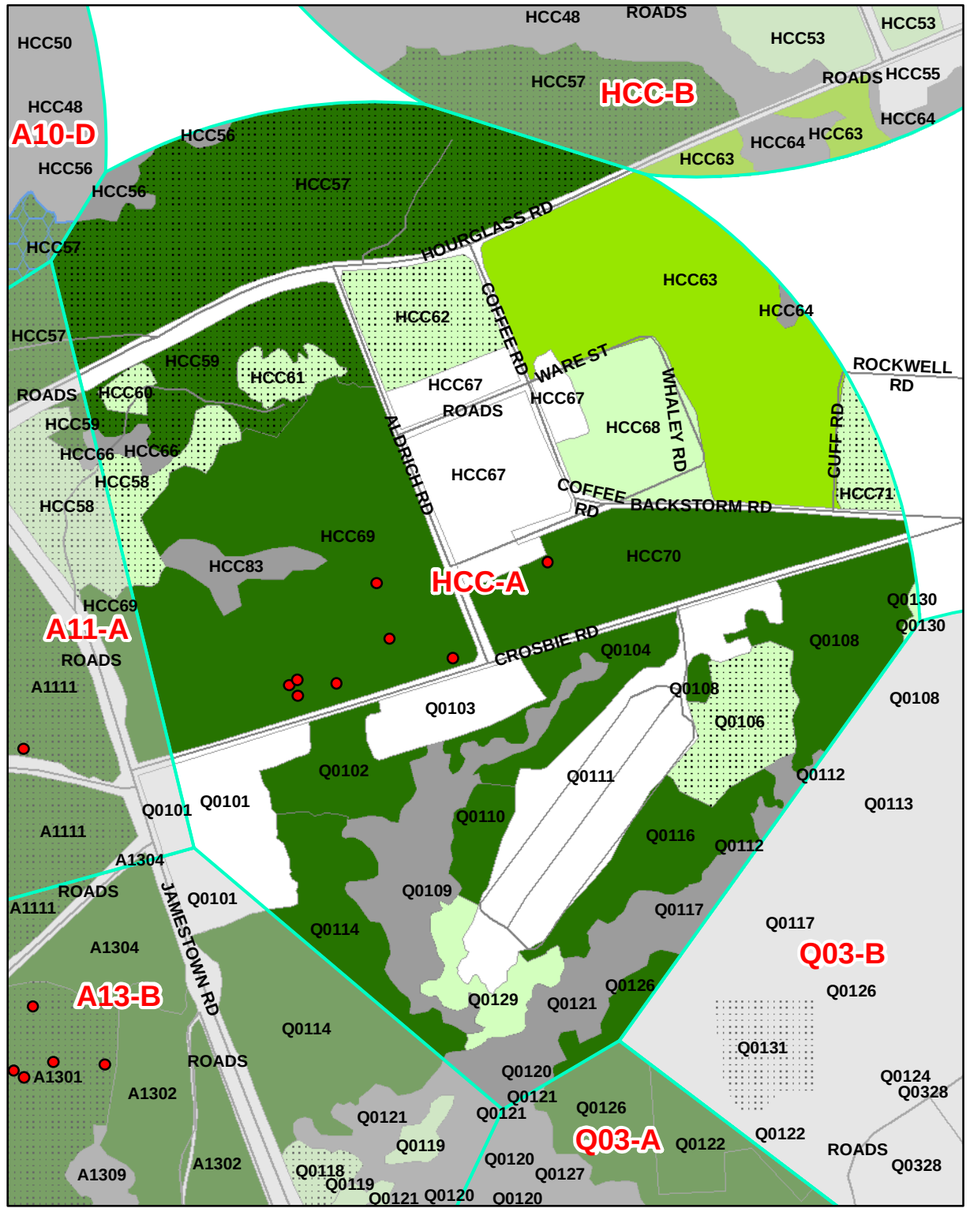
Appendix F. Figure 31. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **F02-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

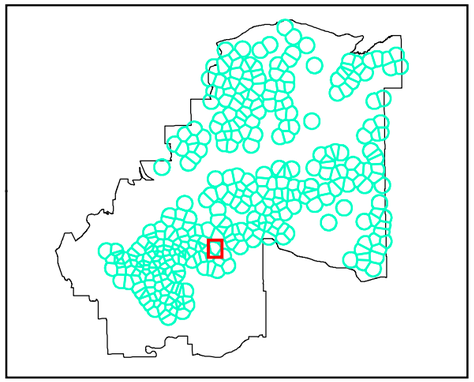


Appendix F. Figure 32. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **F05-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

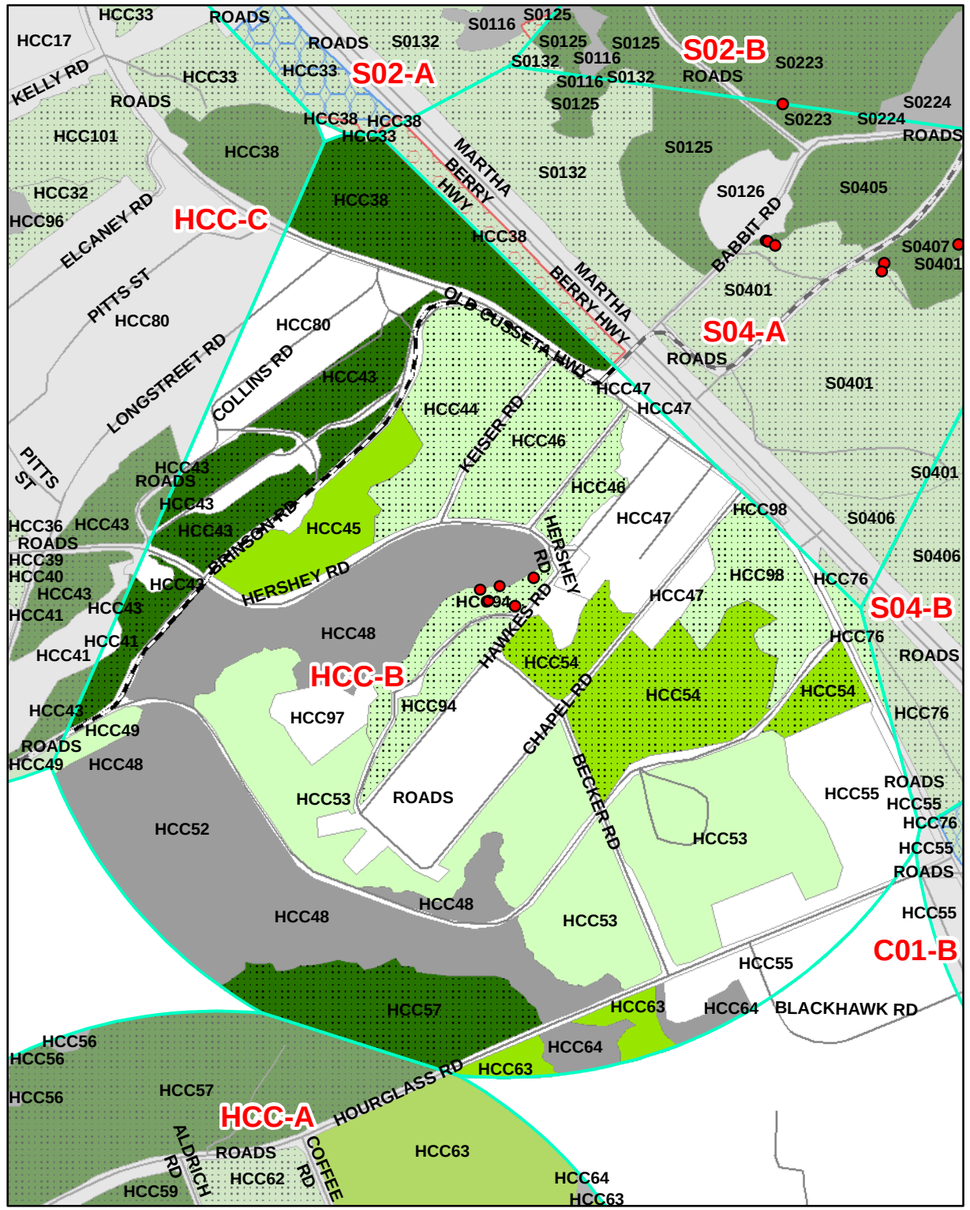
1,500 750 0 1,500 Feet

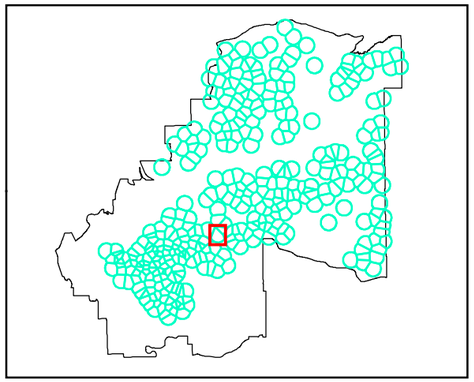
N W E S

Appendix F. Figure 33. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **HCC-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

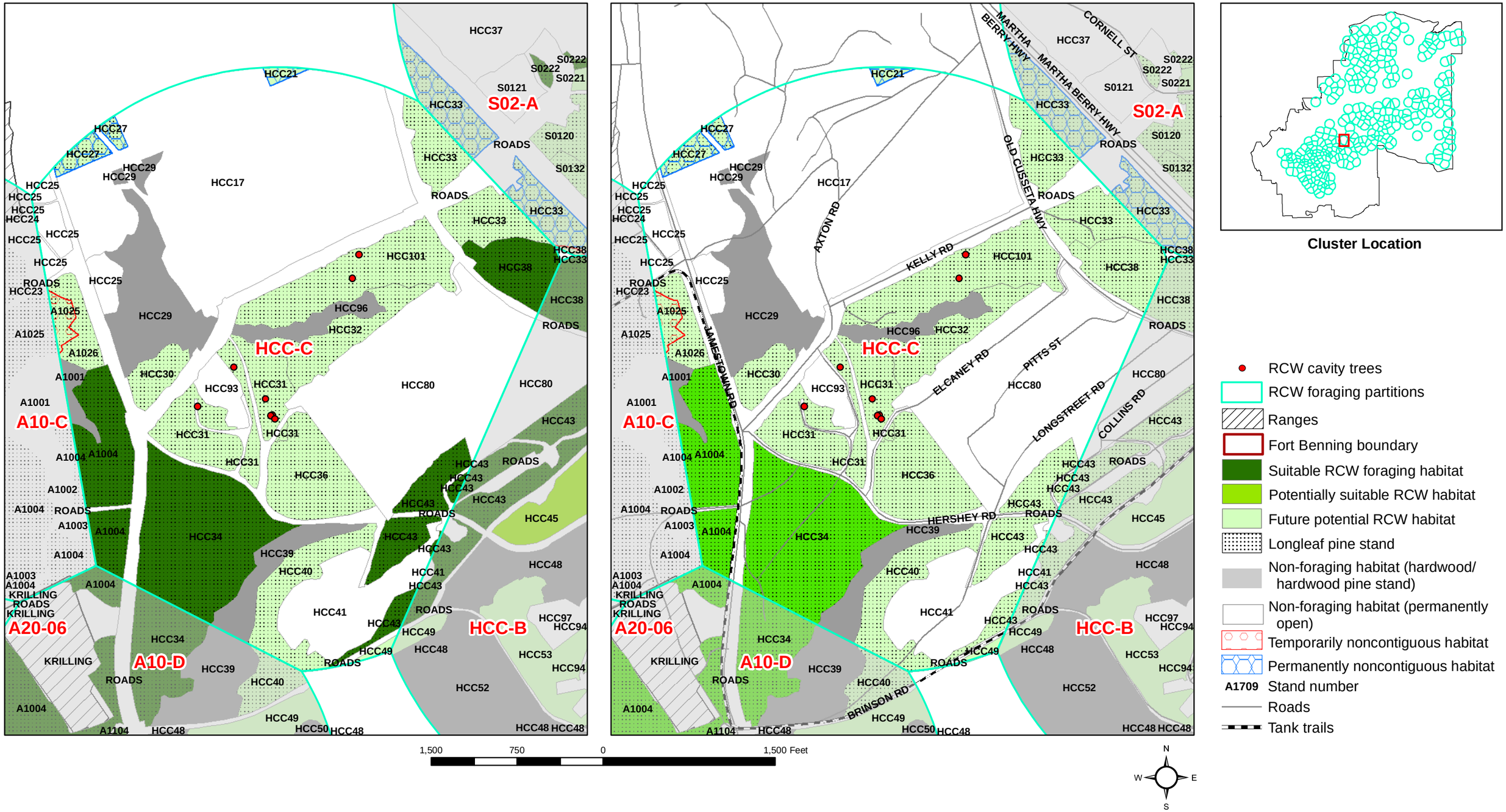
1,750 875 0 1,750 Feet

N W E S

Appendix F. Figure 34. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **HCC-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



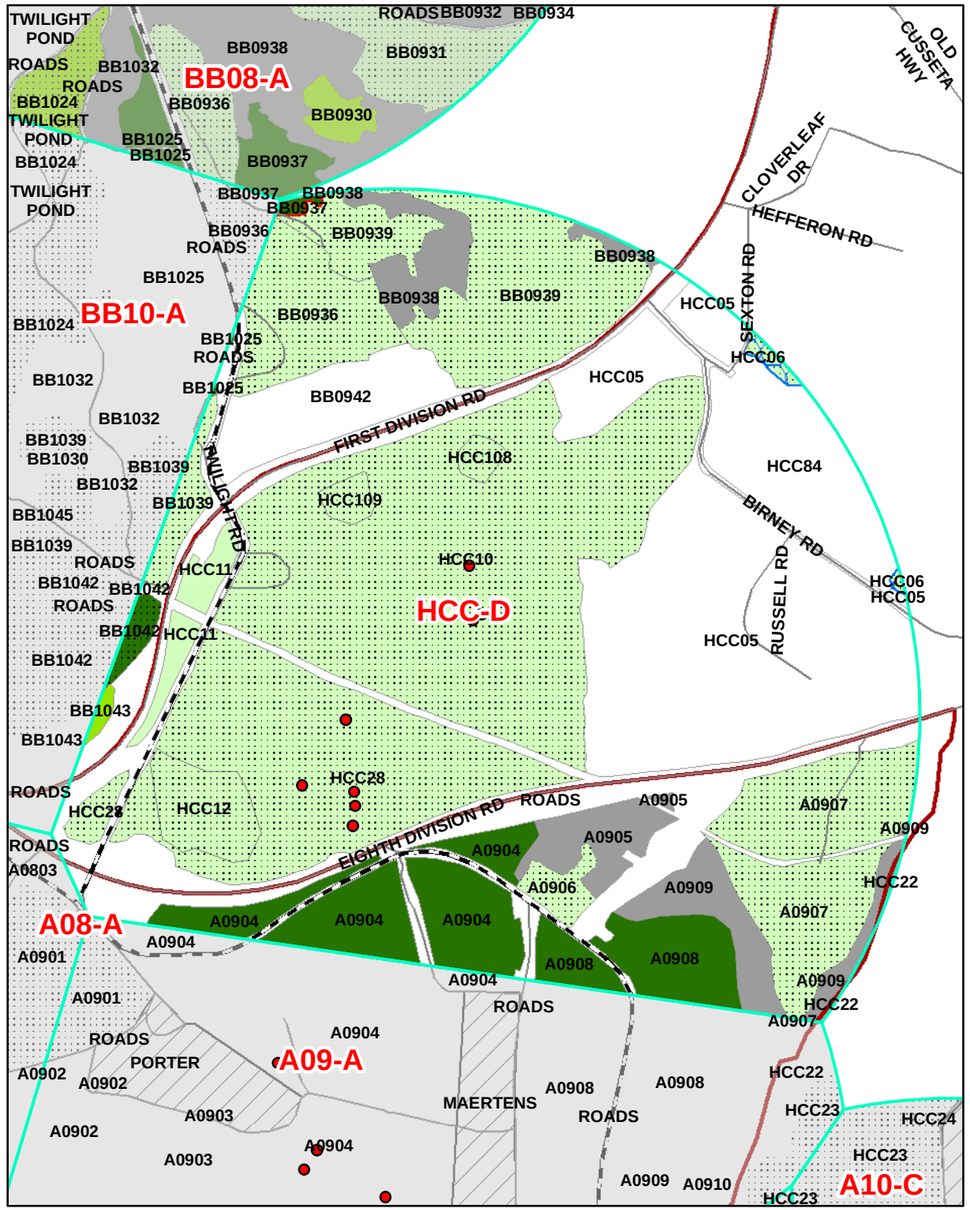
Cluster Location

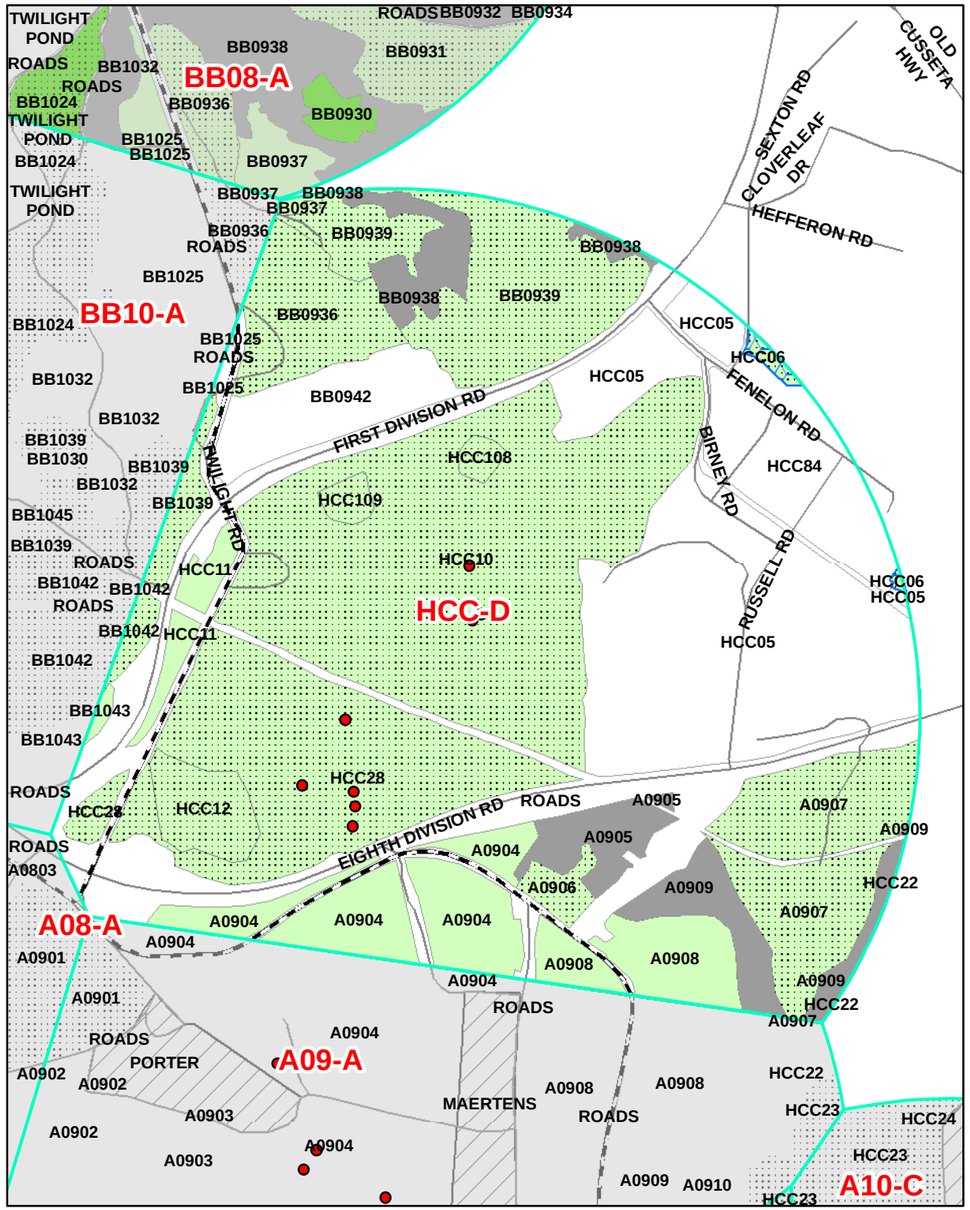
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

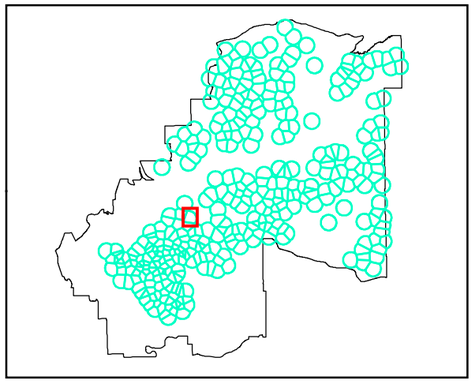
Appendix F. Figure 35. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **HCC-C** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

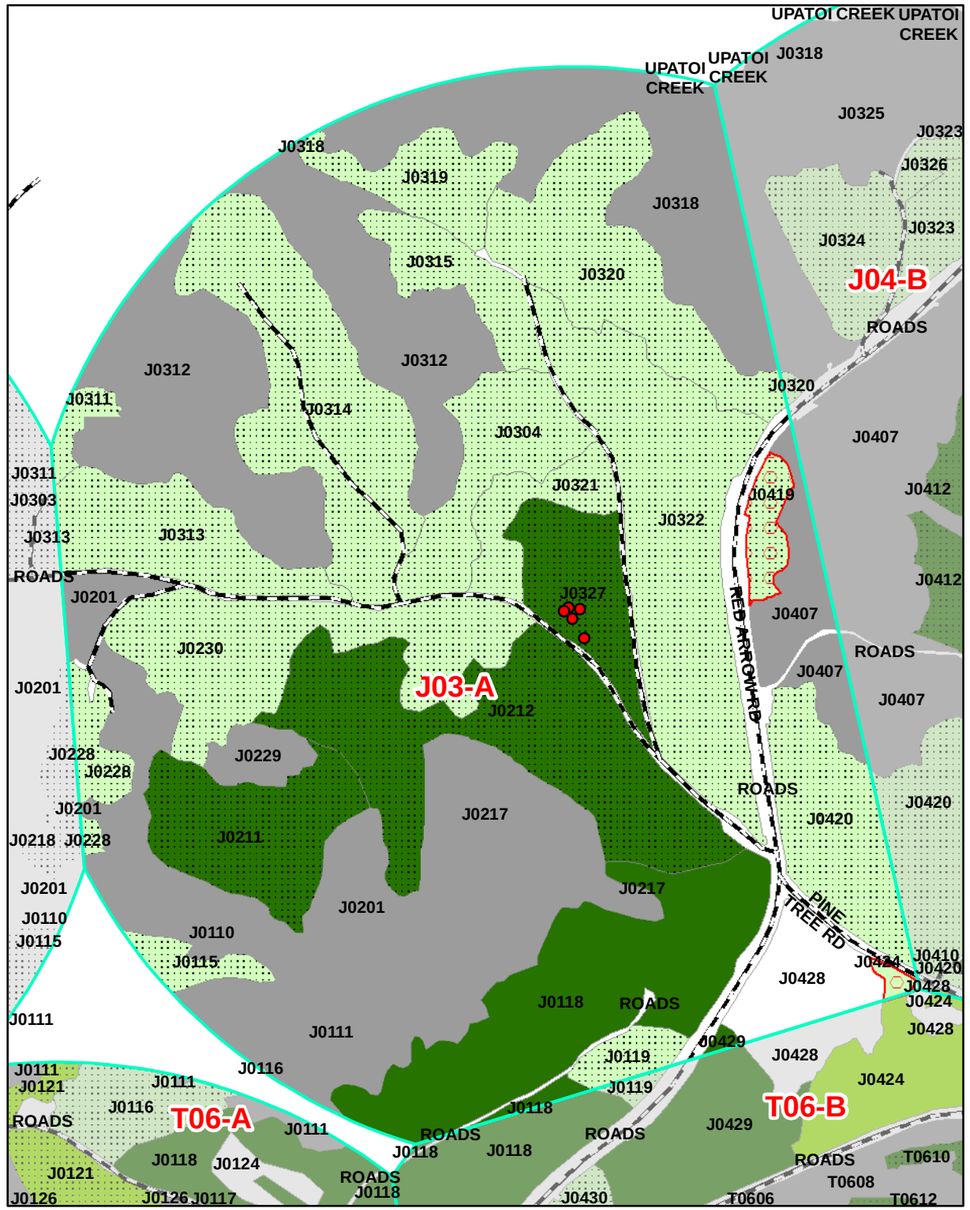
1,500 750 0 1,500 Feet

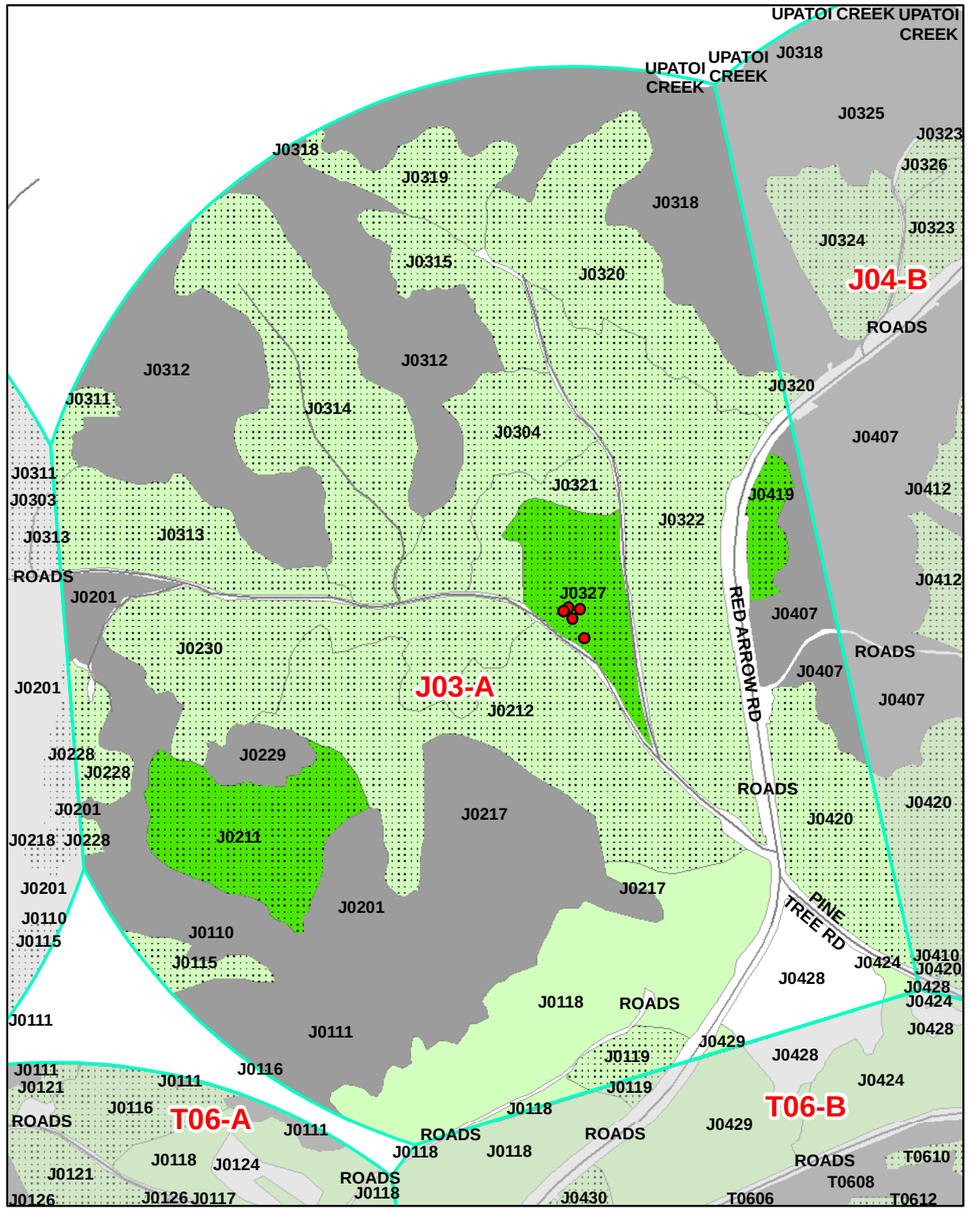
N W E S

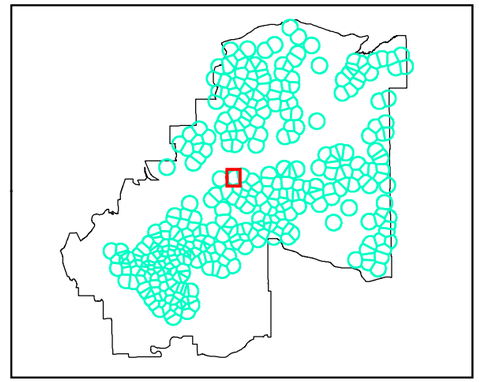
Appendix F. Figure 36. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **HCC-D** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

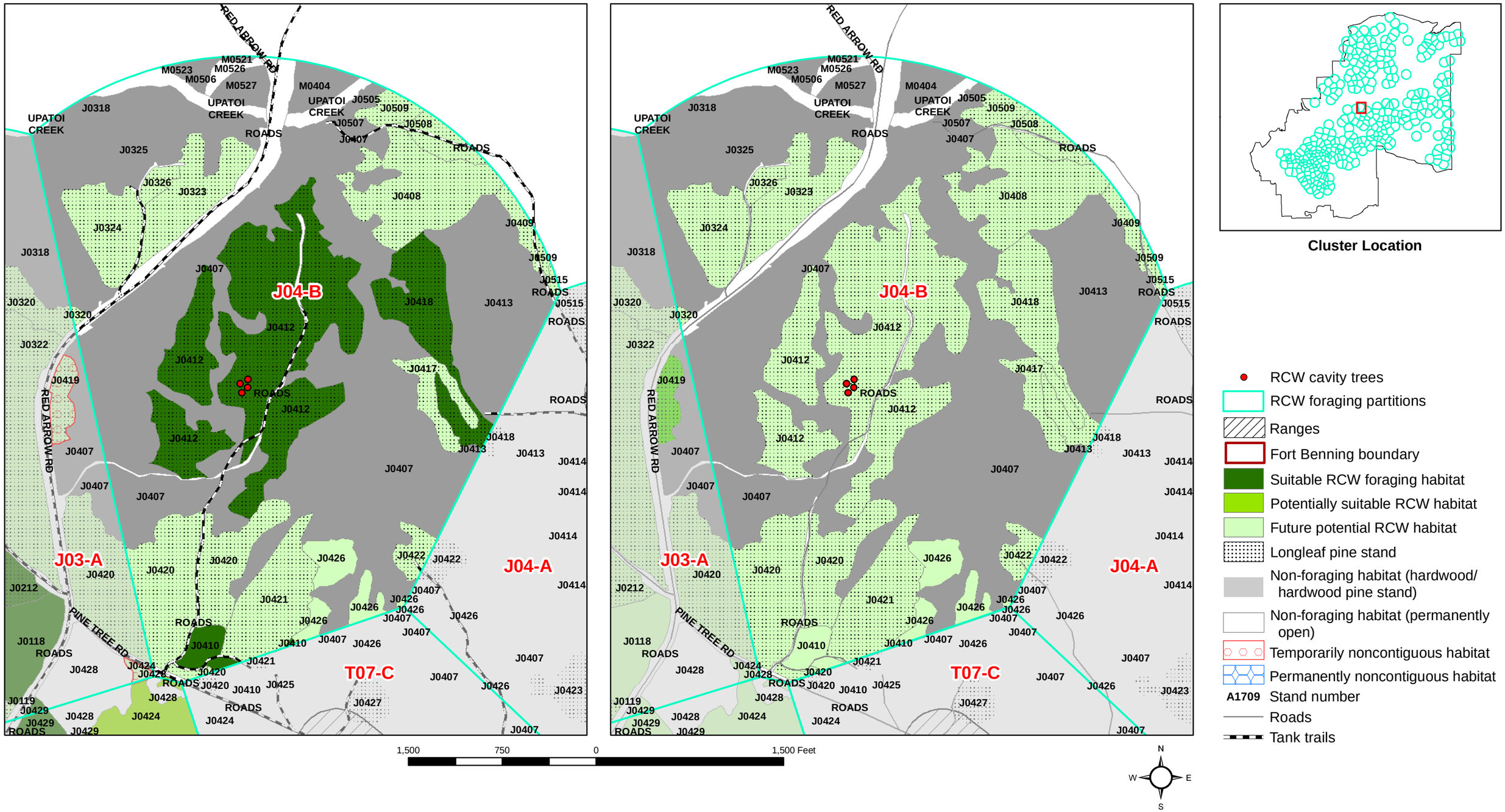
1,500 750 0 1,500 Feet

N W E S

Appendix F. Figure 37. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **J03-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



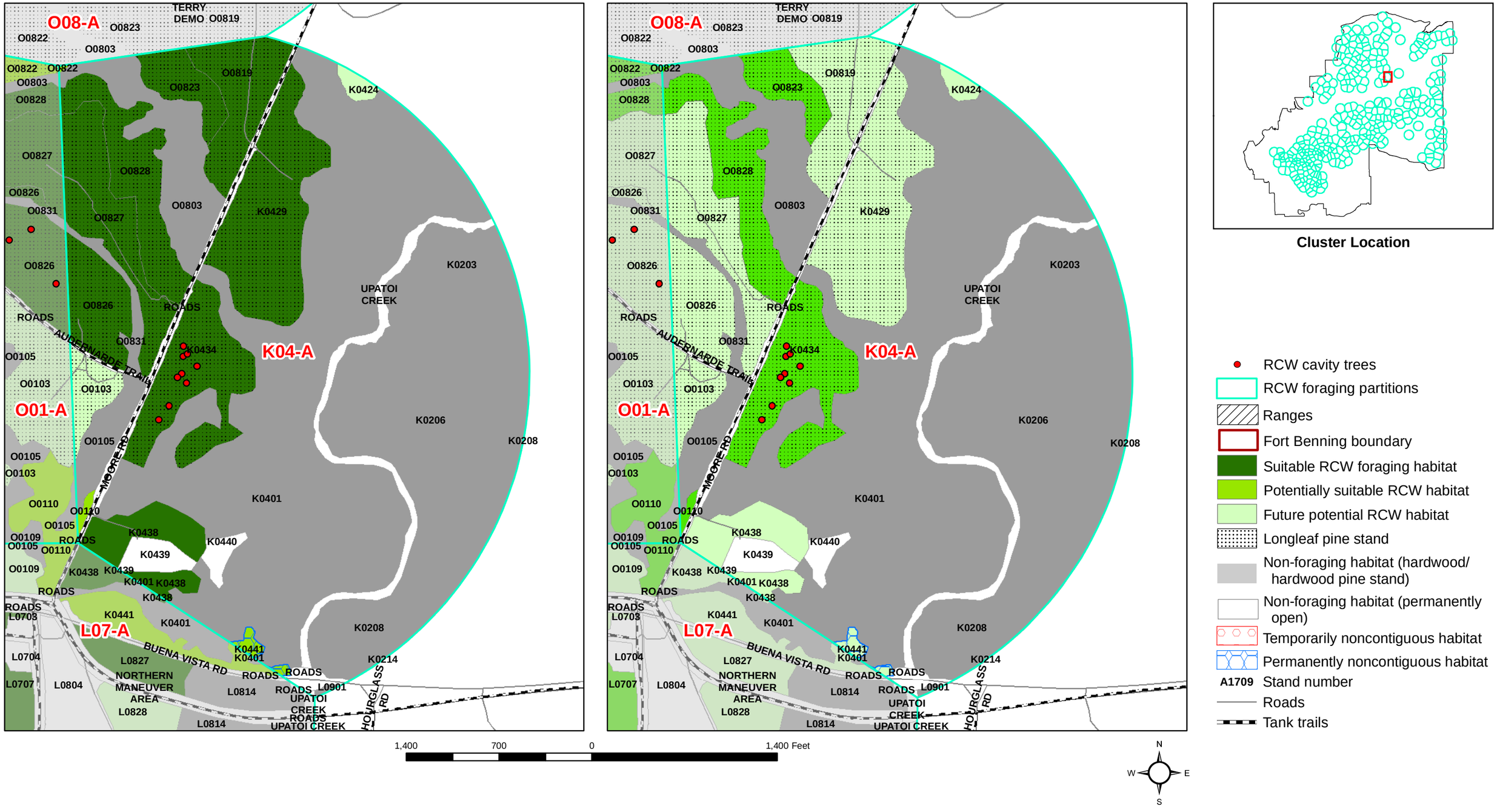
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 38. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **J04-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



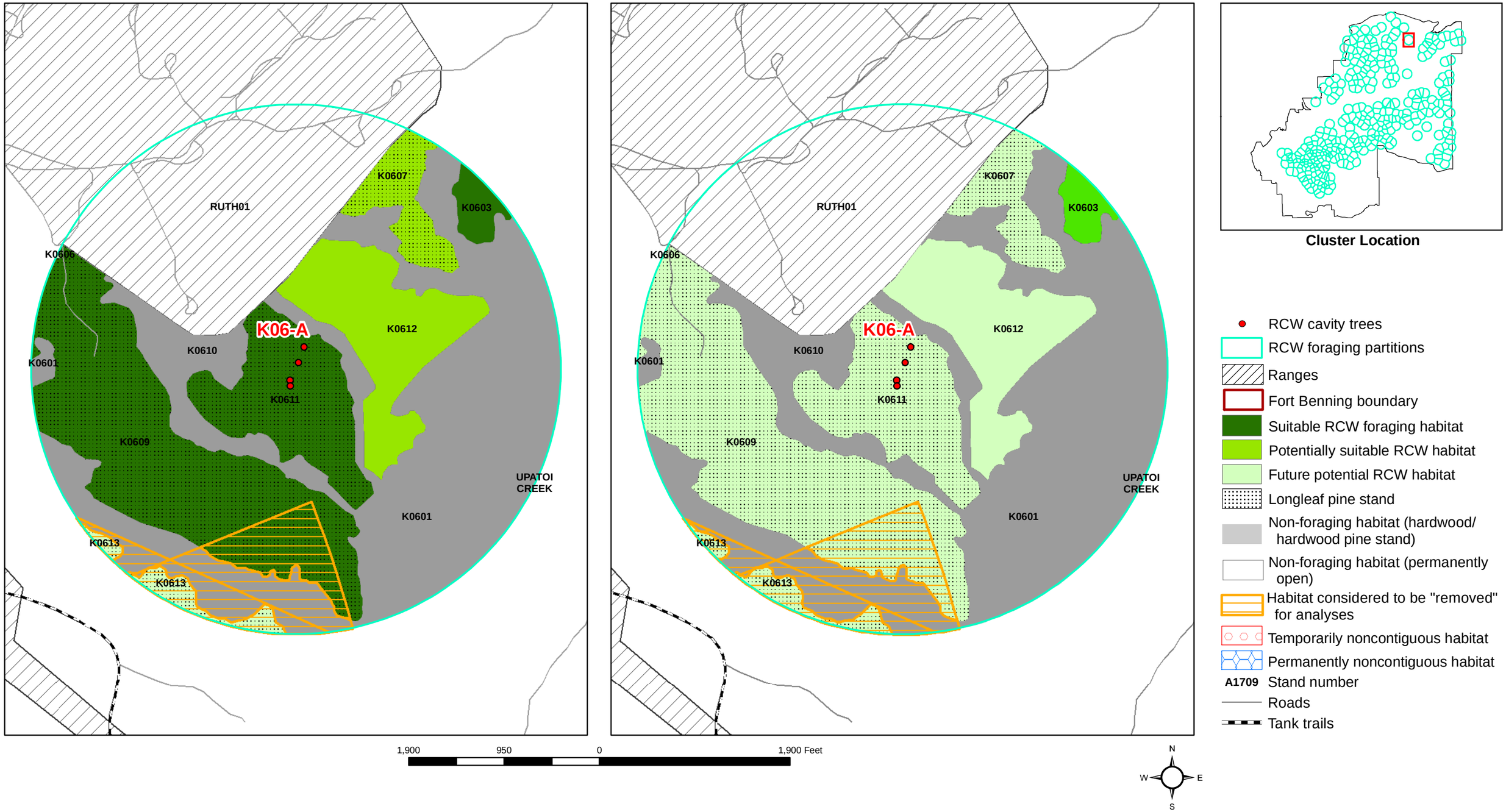
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 39. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **K04-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

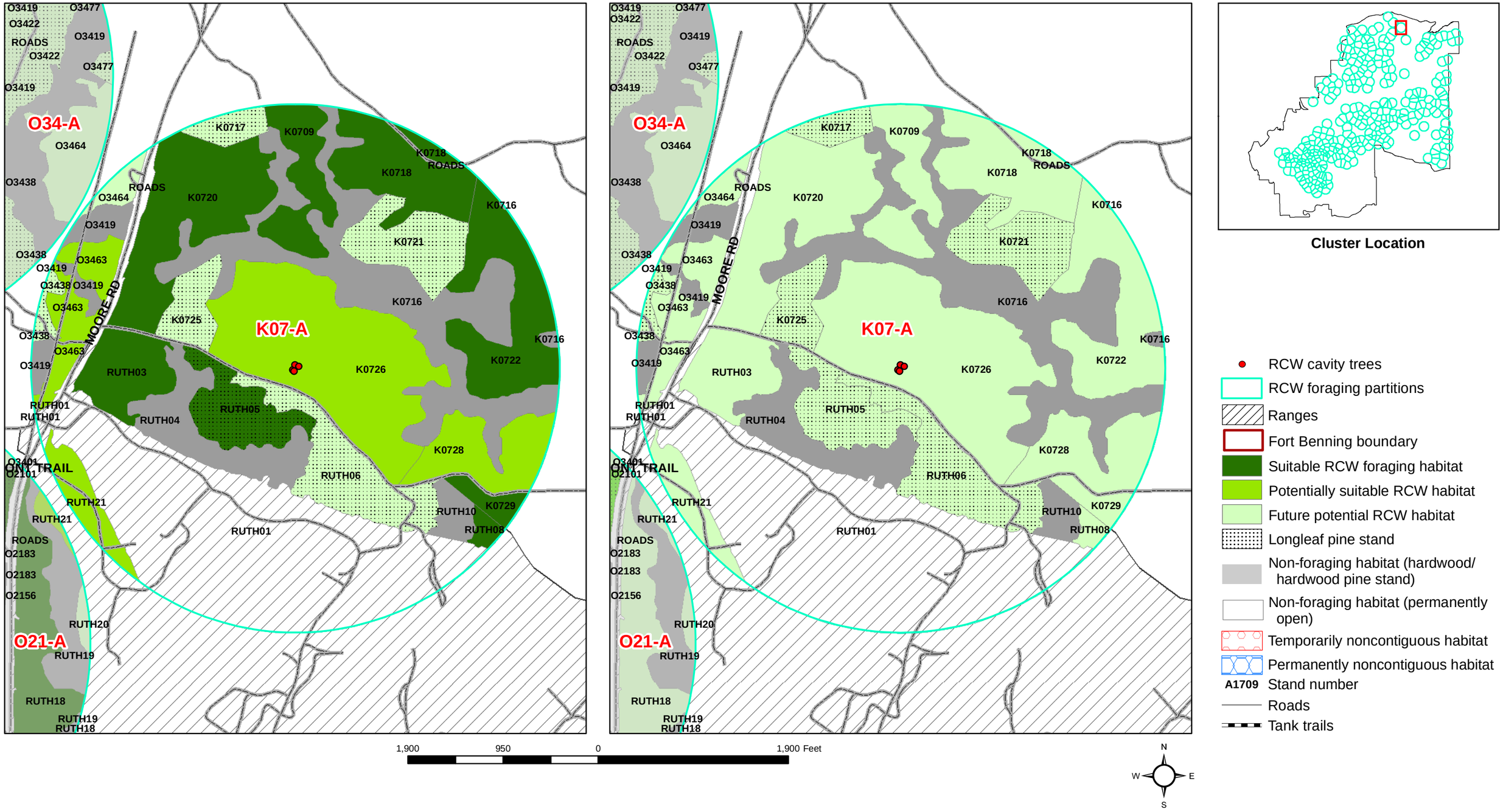
Recovery Standard



Appendix F. Figure 40. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **K06-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



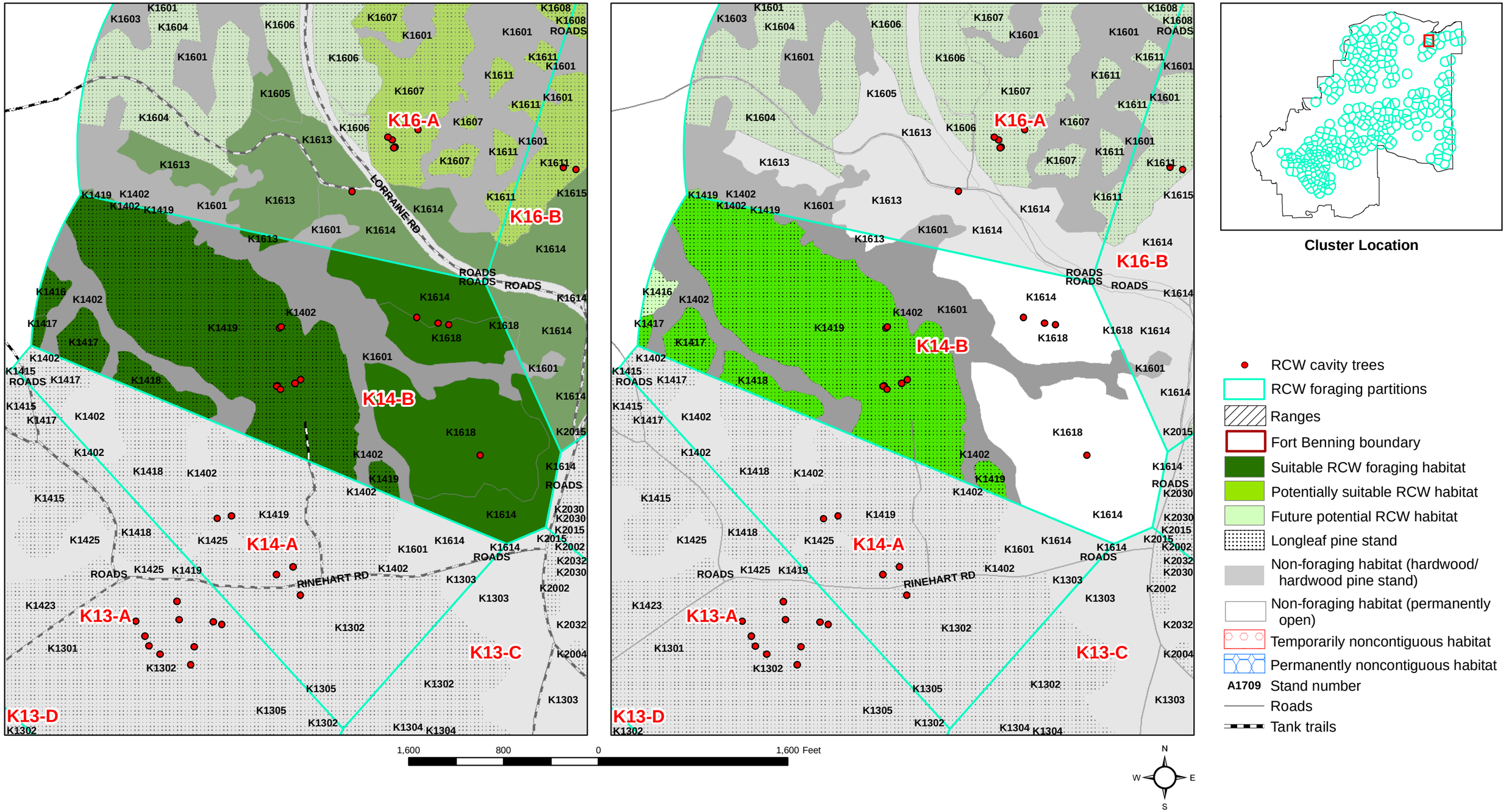
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 41. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **K07-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

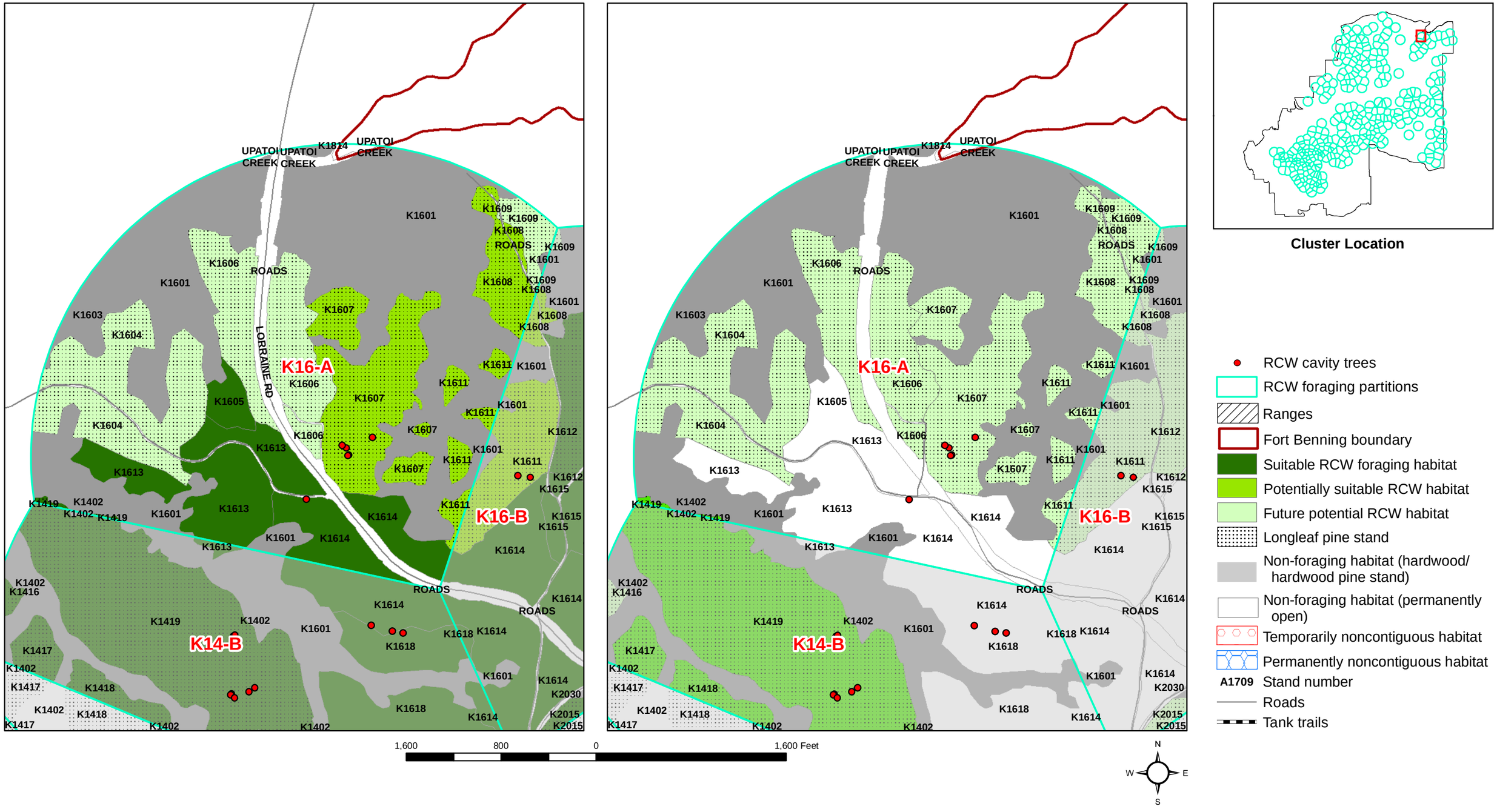
Recovery Standard



Appendix F. Figure 42. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **K14-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

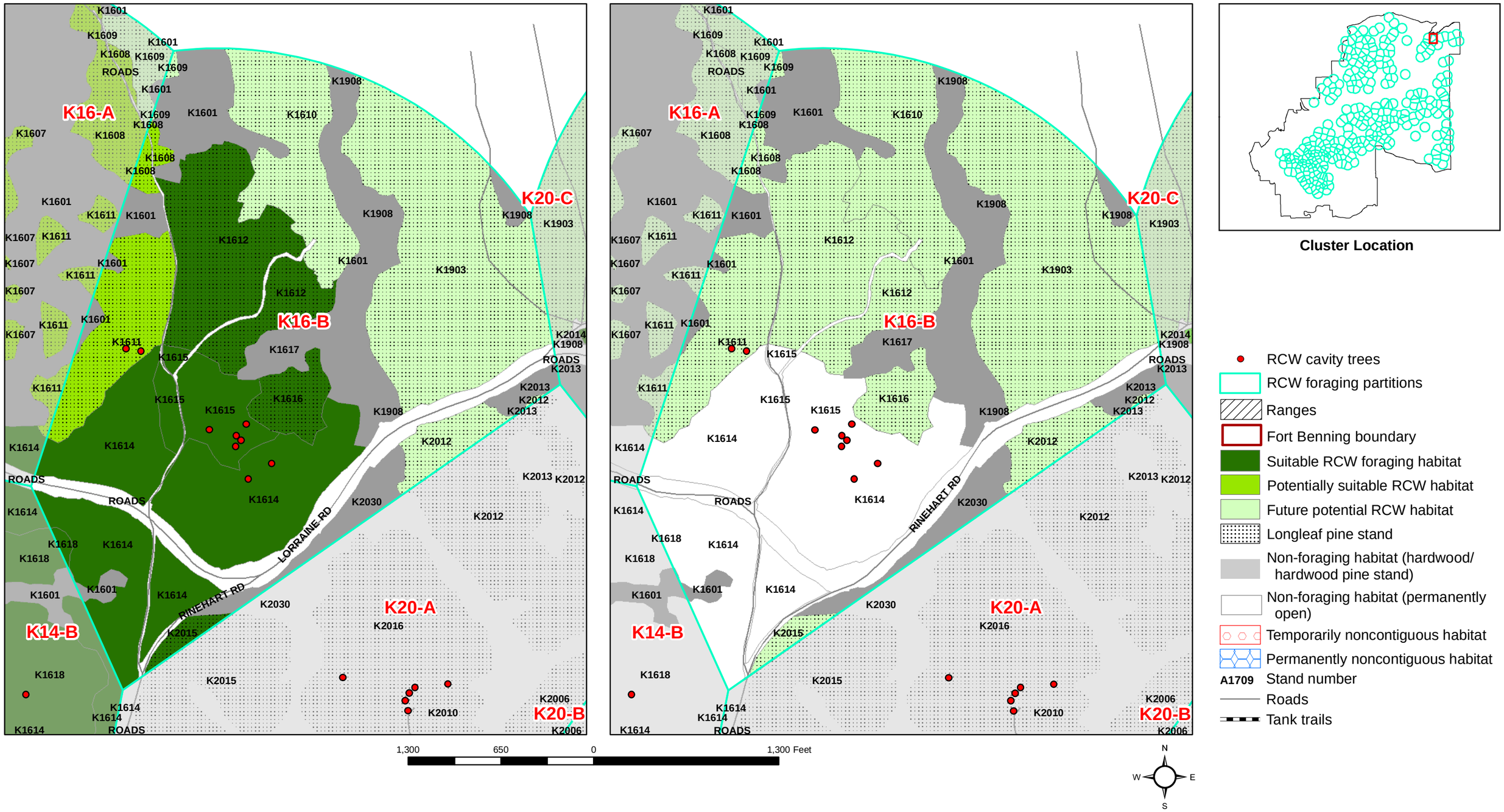
Recovery Standard



Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

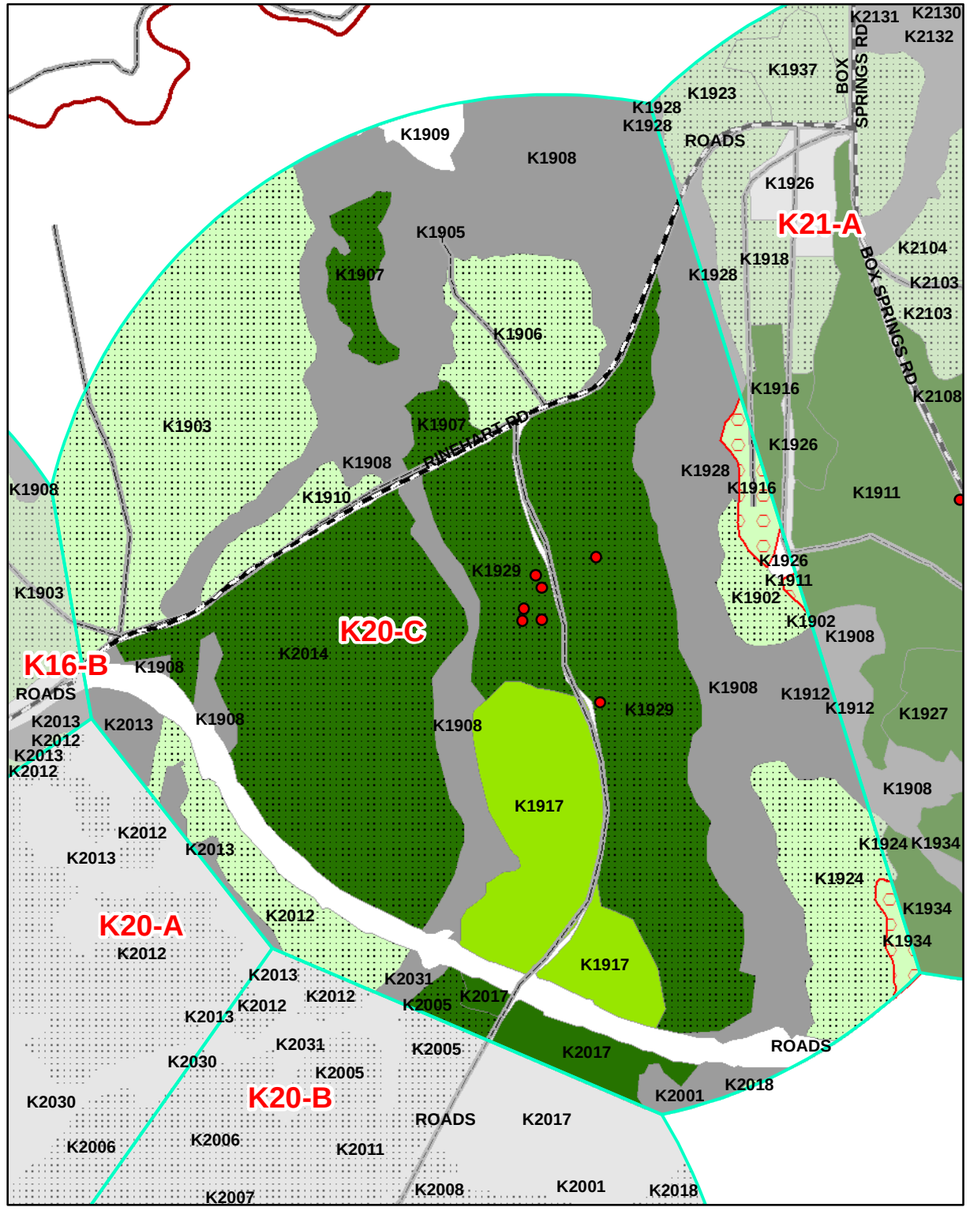
Appendix F. Figure 43. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **K16-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

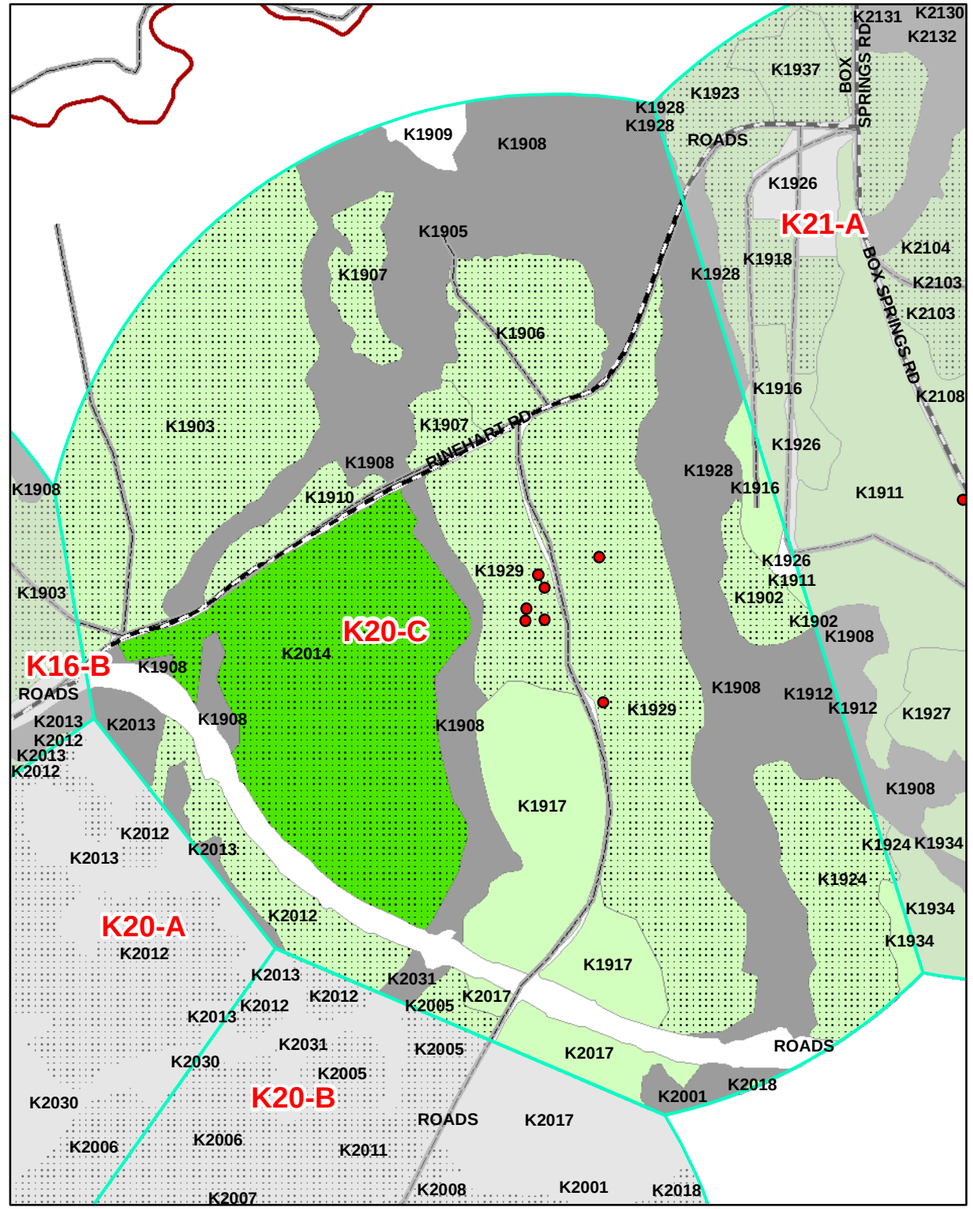


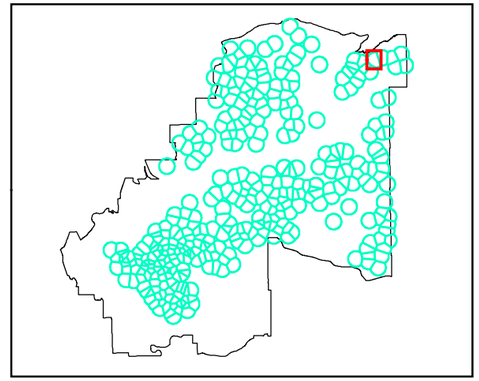
Appendix F. Figure 44. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **K16-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

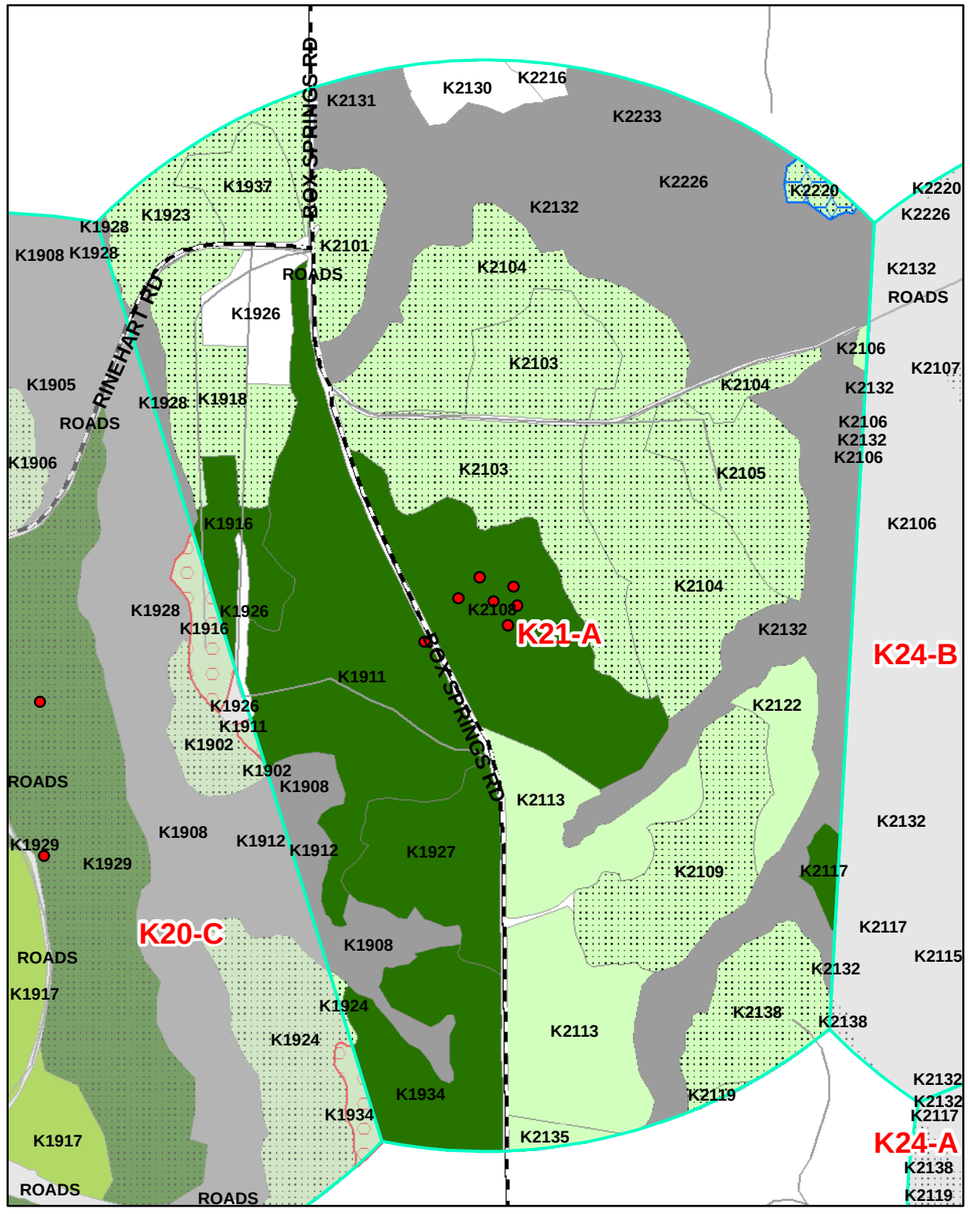
1,500 750 0 1,500 Feet

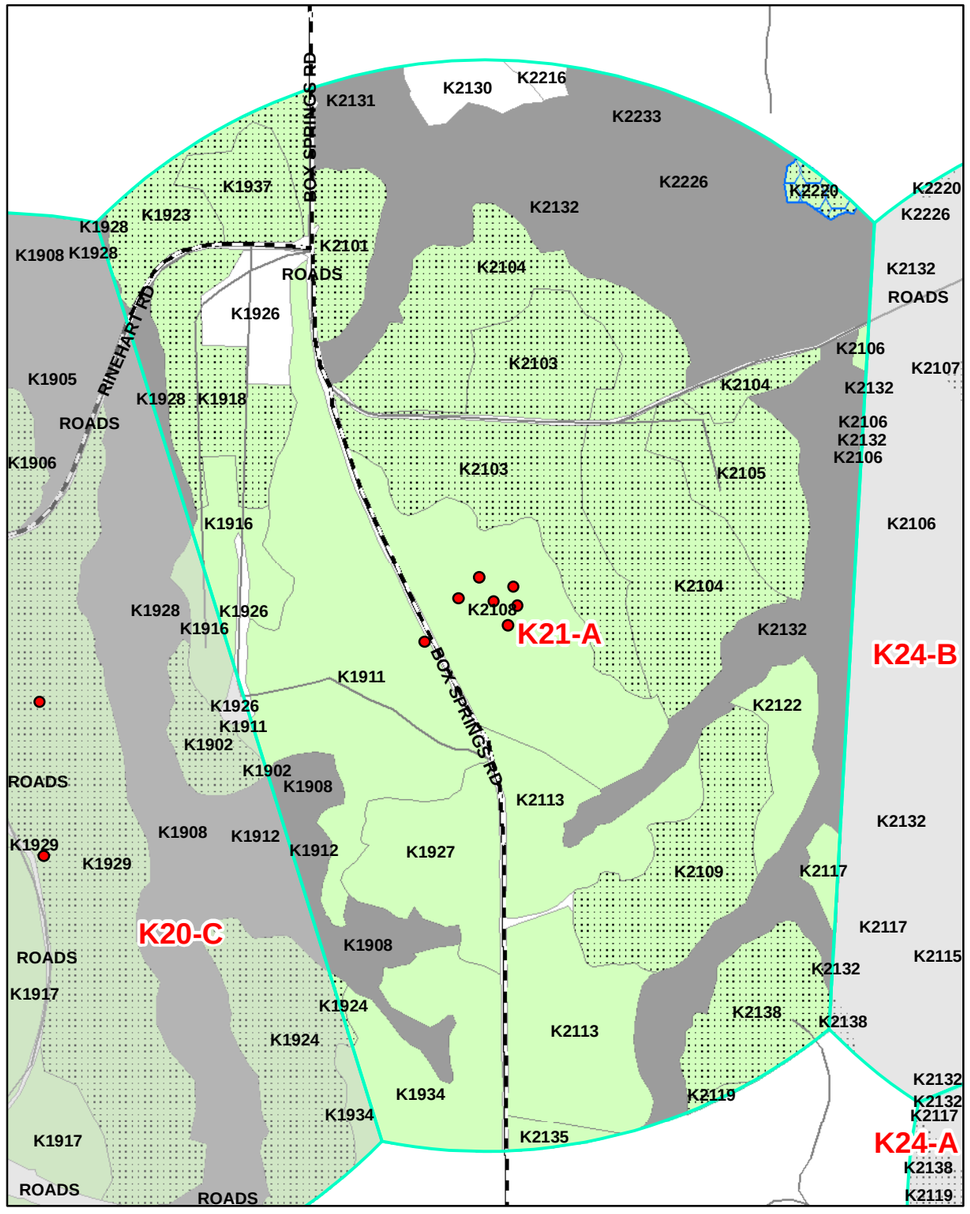
N W E S

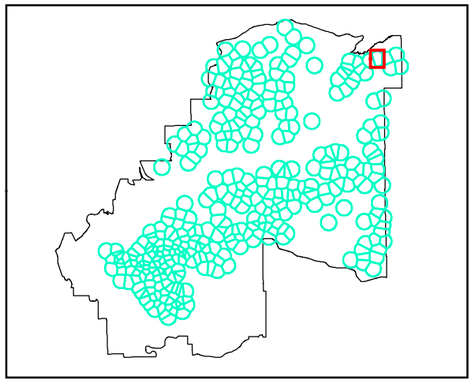
Appendix F. Figure 45. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **K20-C** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

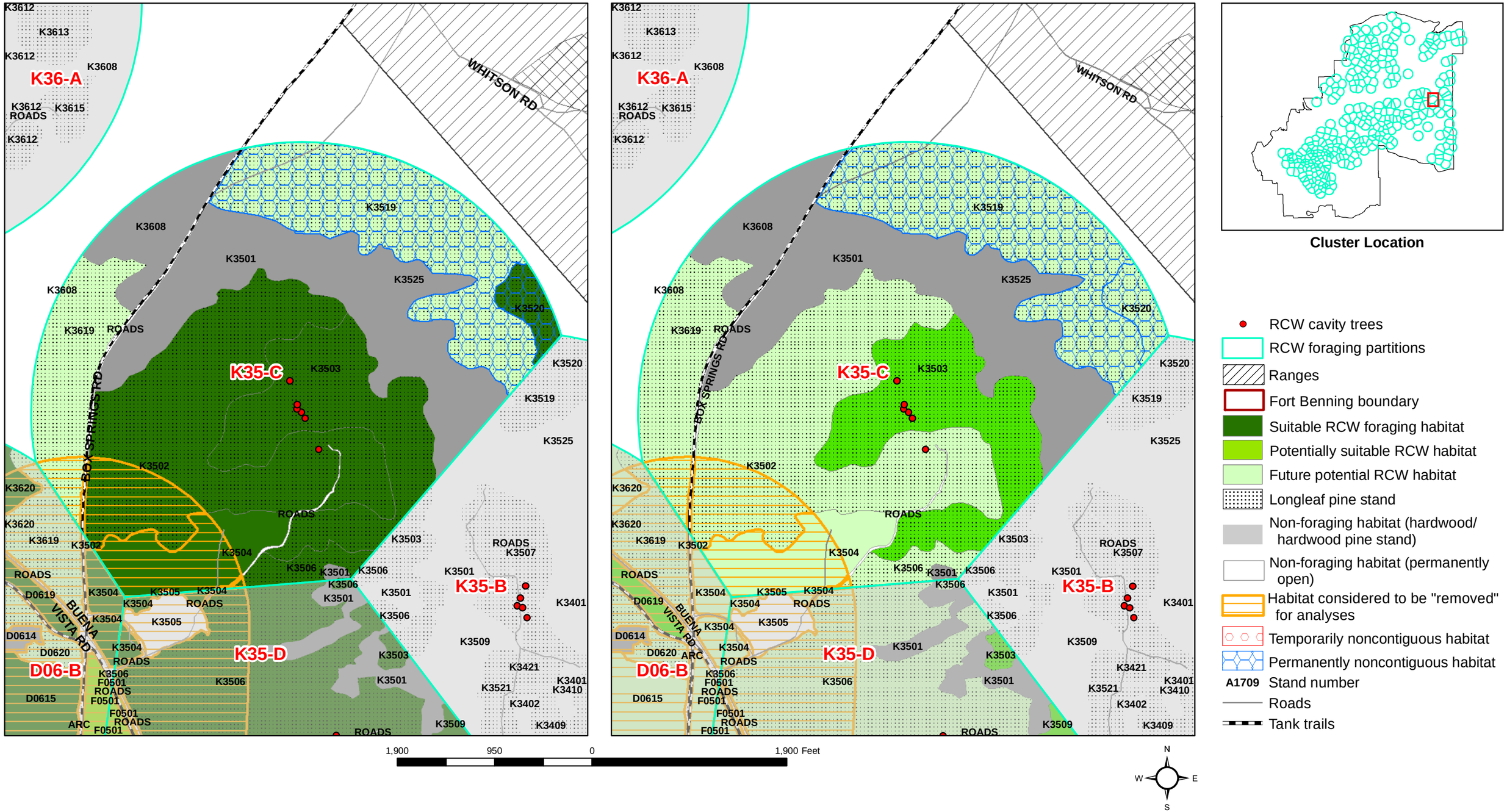
1,500 750 0 1,500 Feet

N W E S

Appendix F. Figure 46. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **K21-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



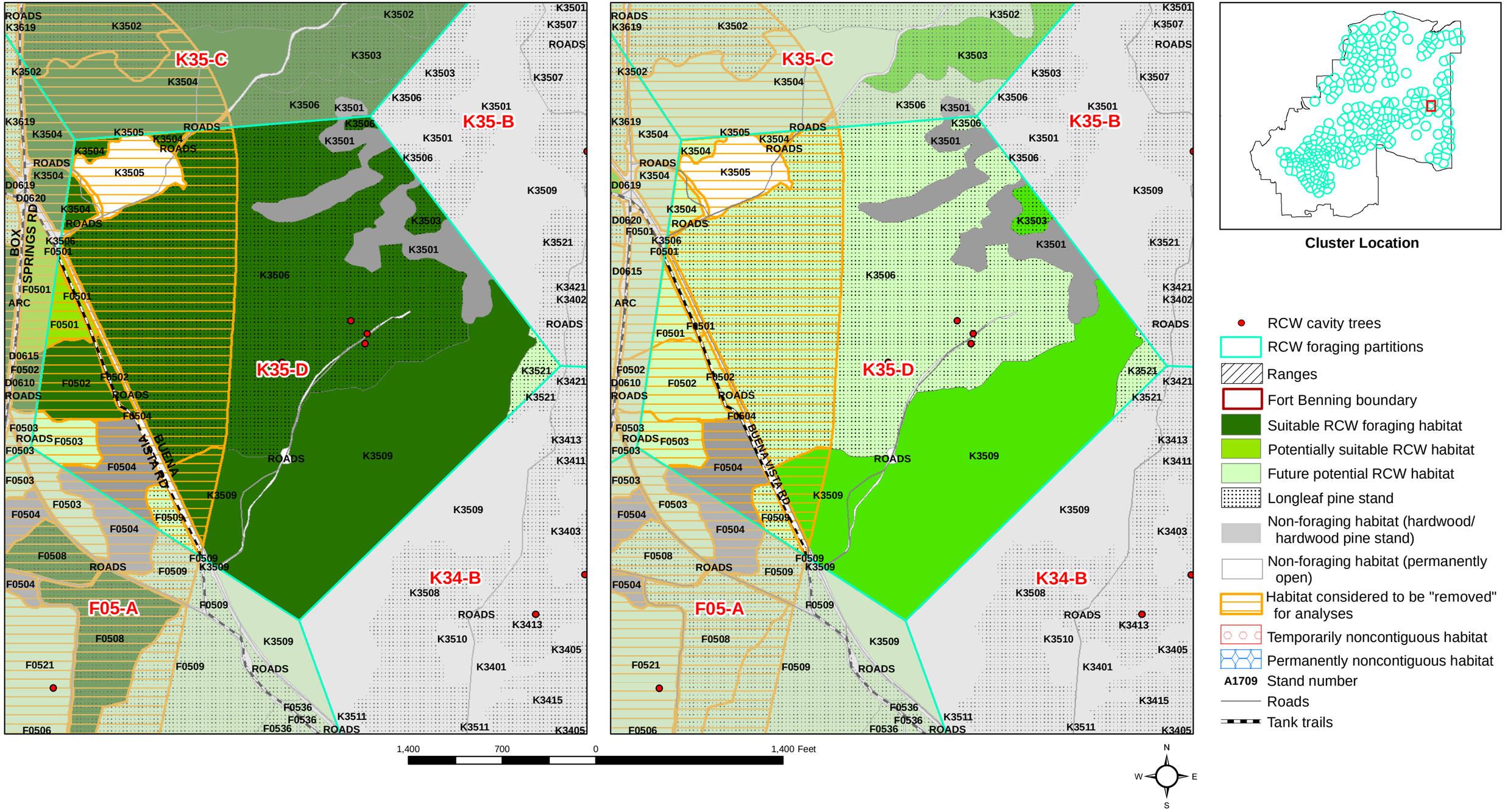
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 47. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **K35-C** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



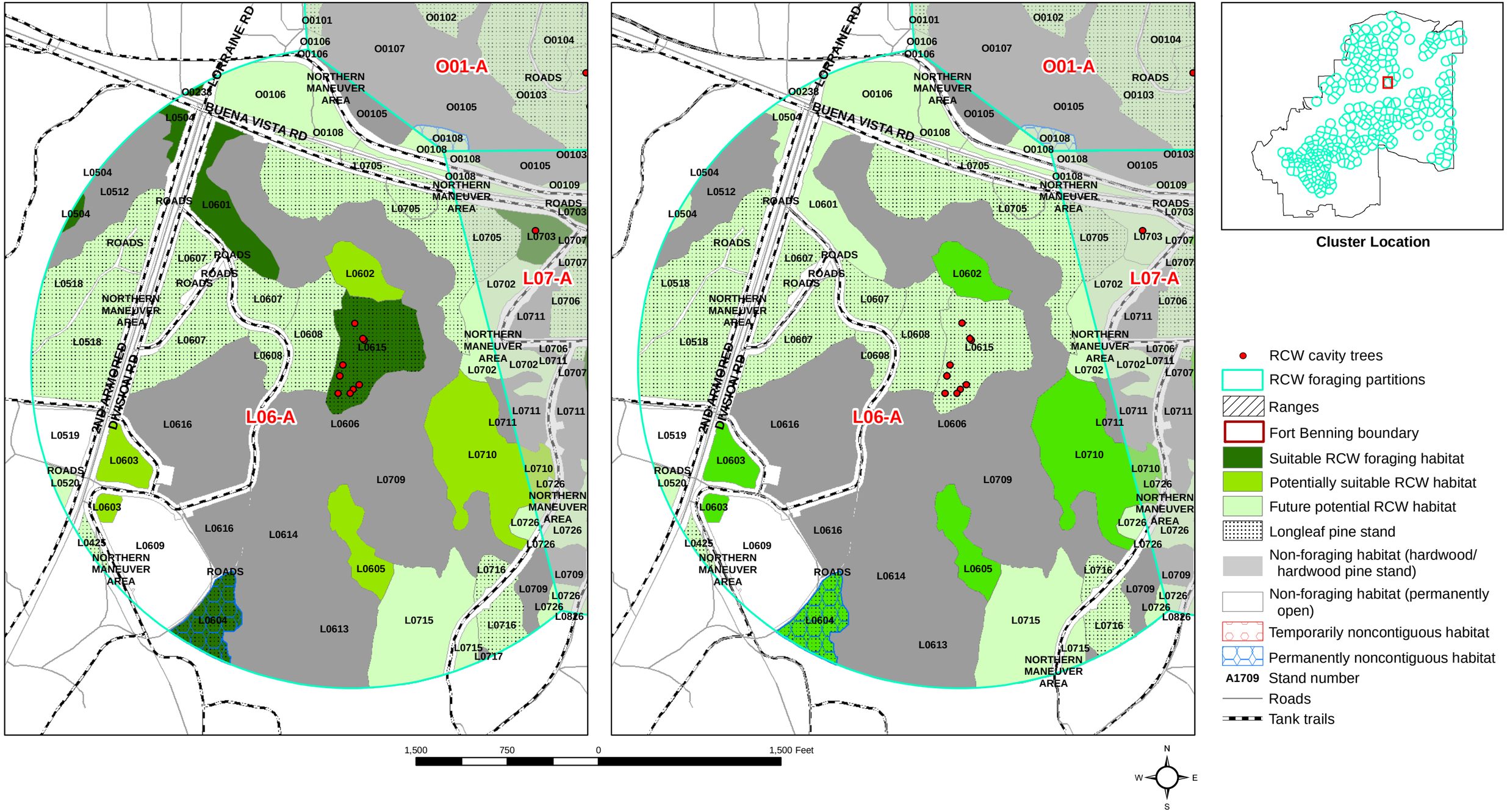
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 48. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **K35-D** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



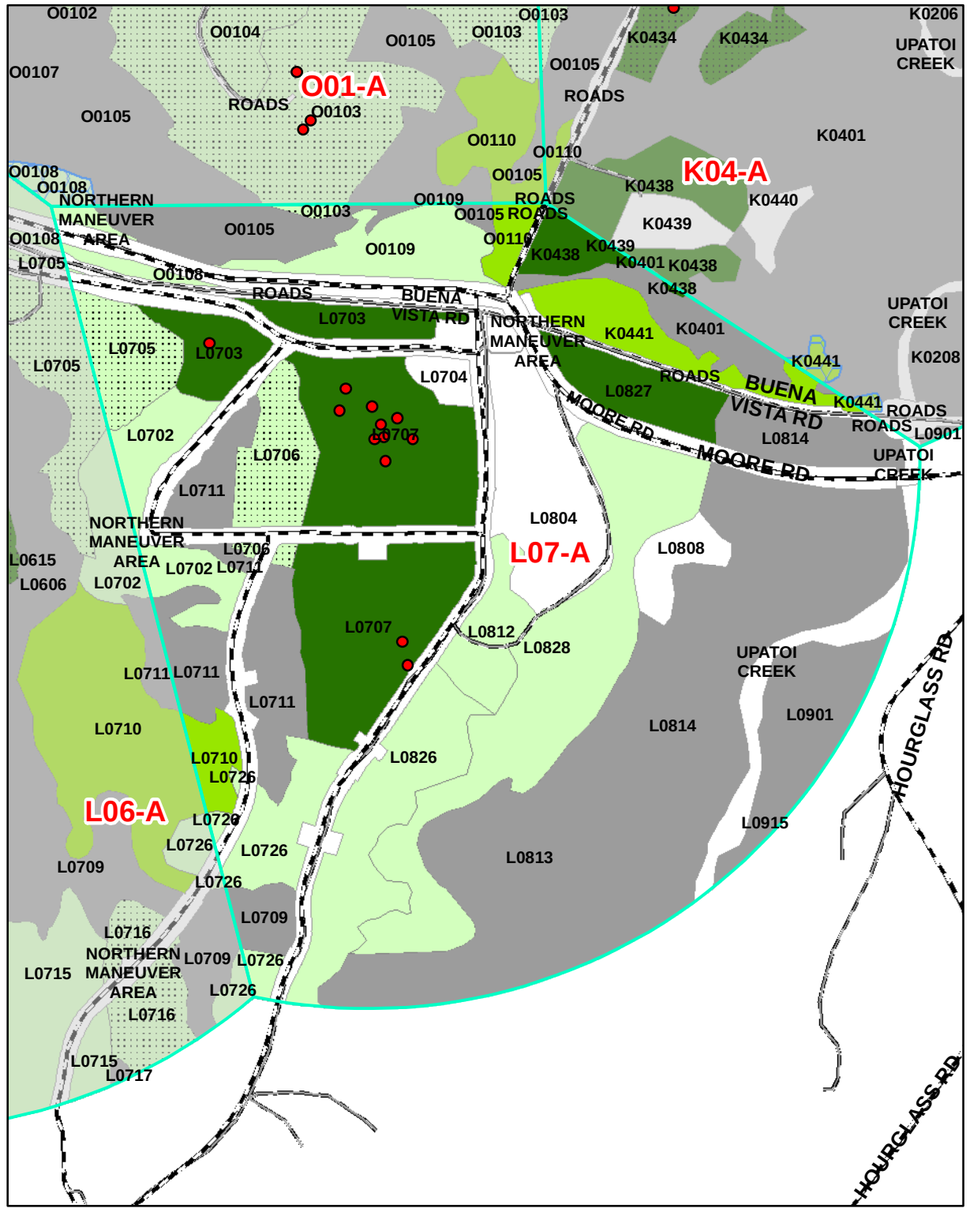
Cluster Location

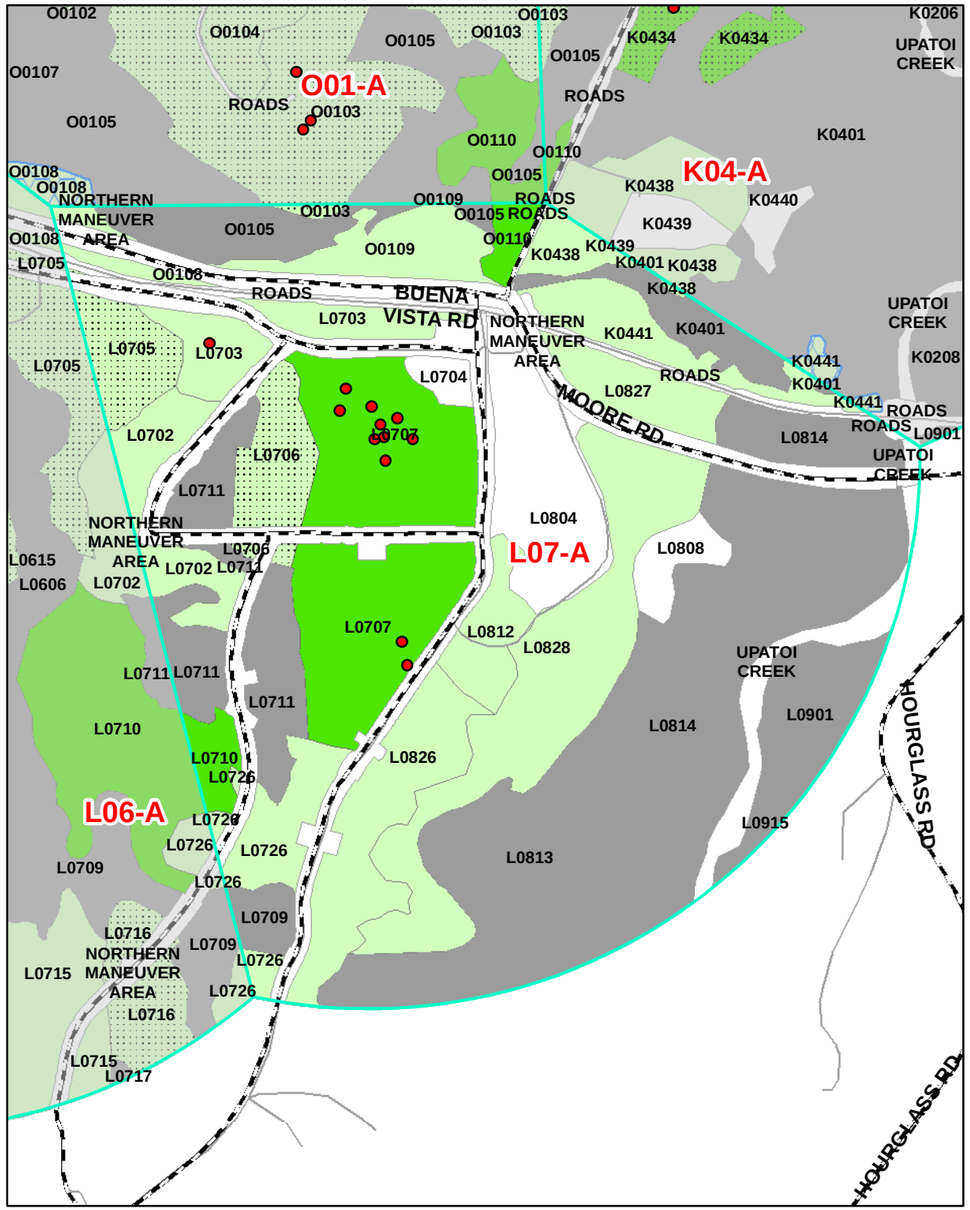
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

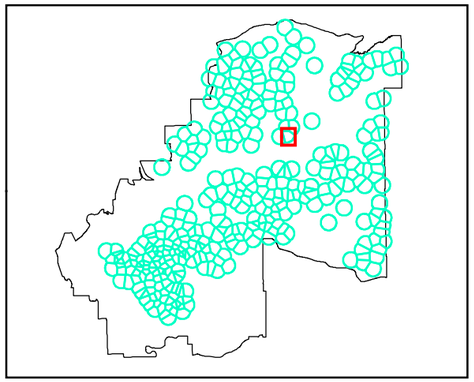
Appendix F. Figure 49. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **L06-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

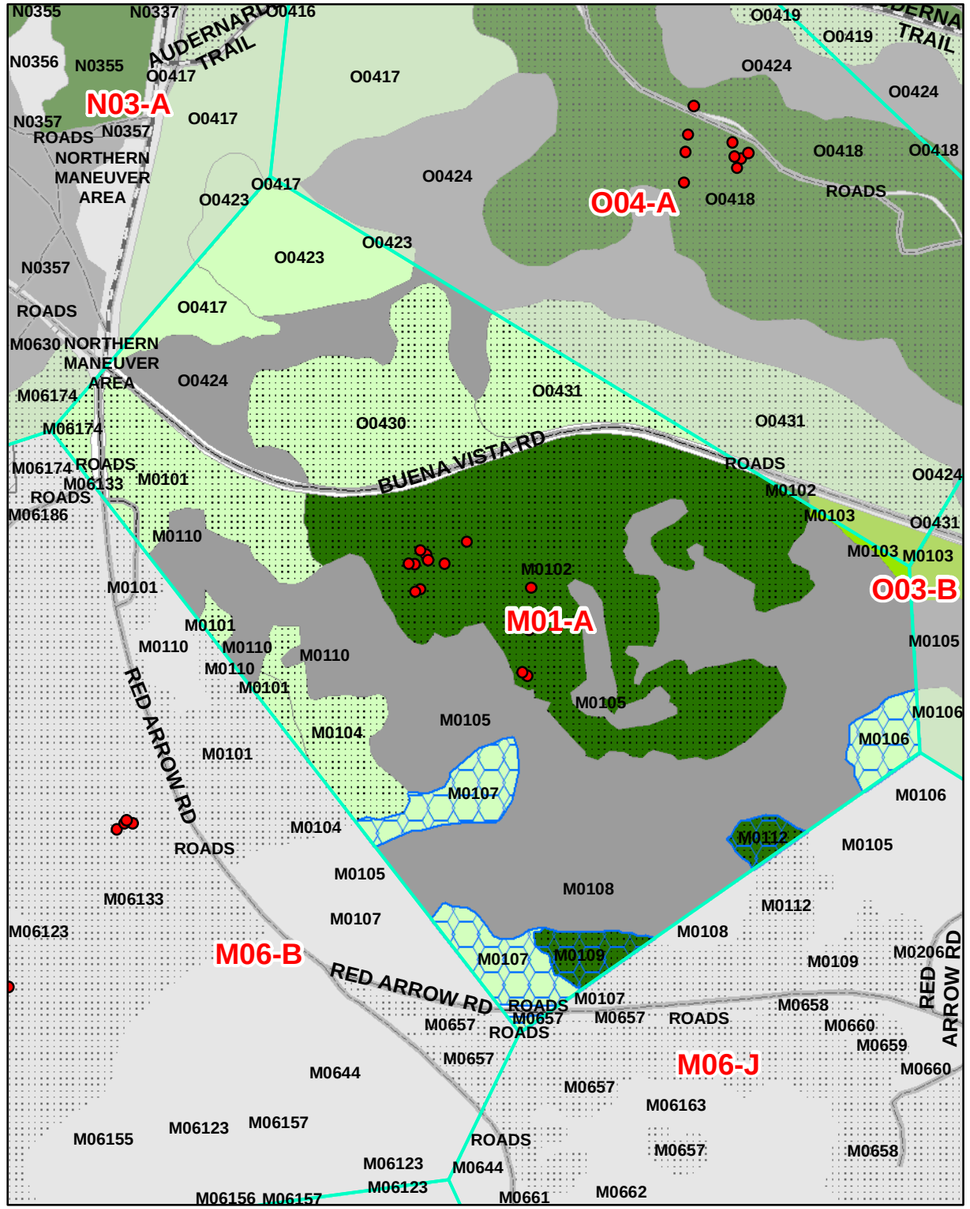
1,500 750 0 1,500 Feet

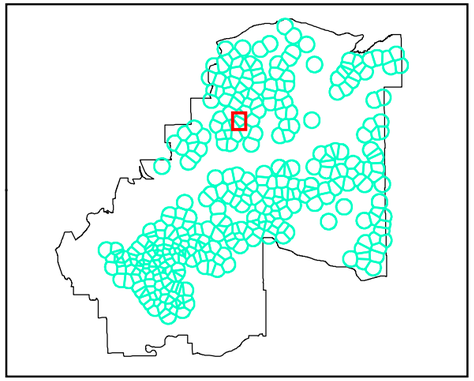
N W E S

Appendix F. Figure 50. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **L07-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





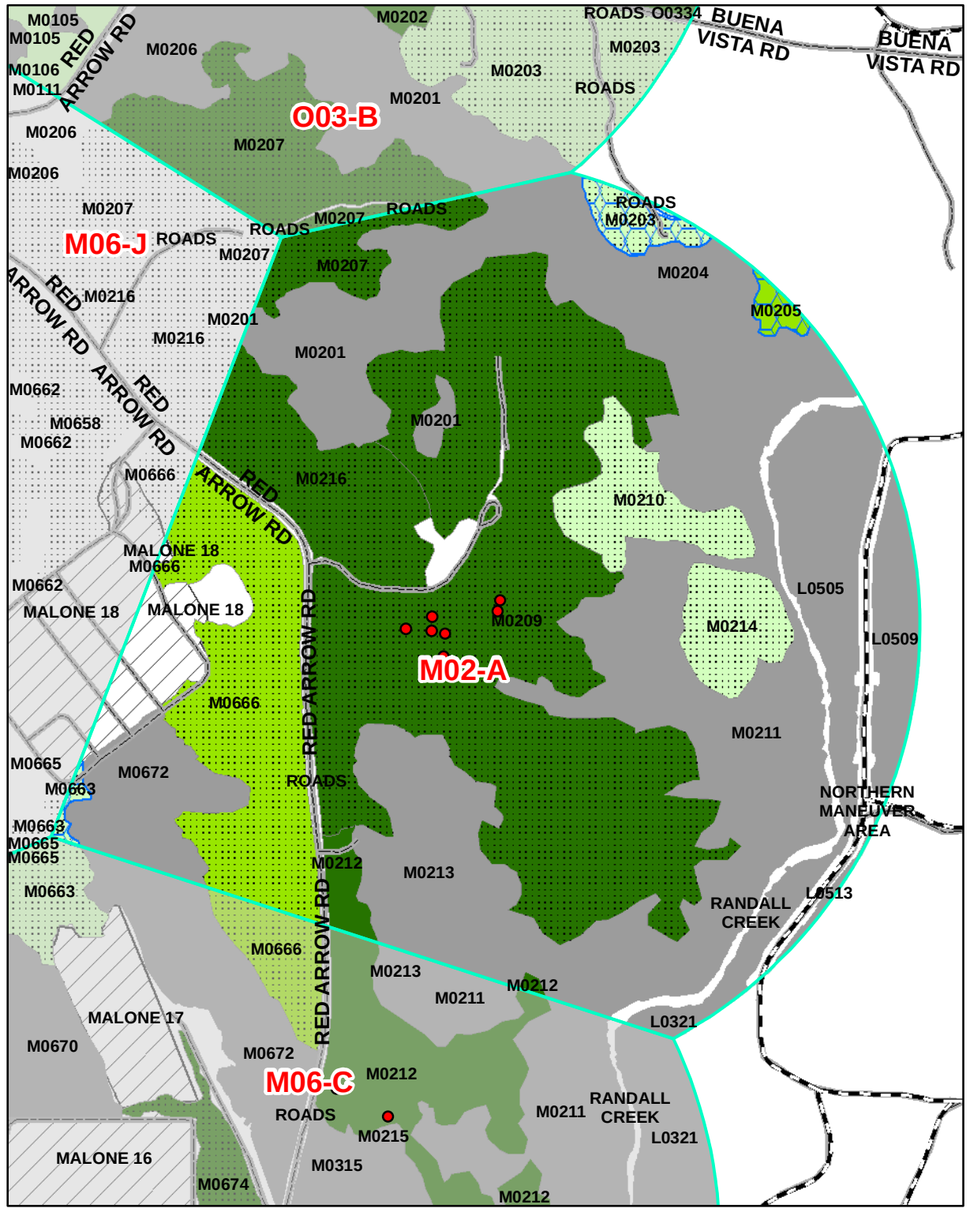
Cluster Location

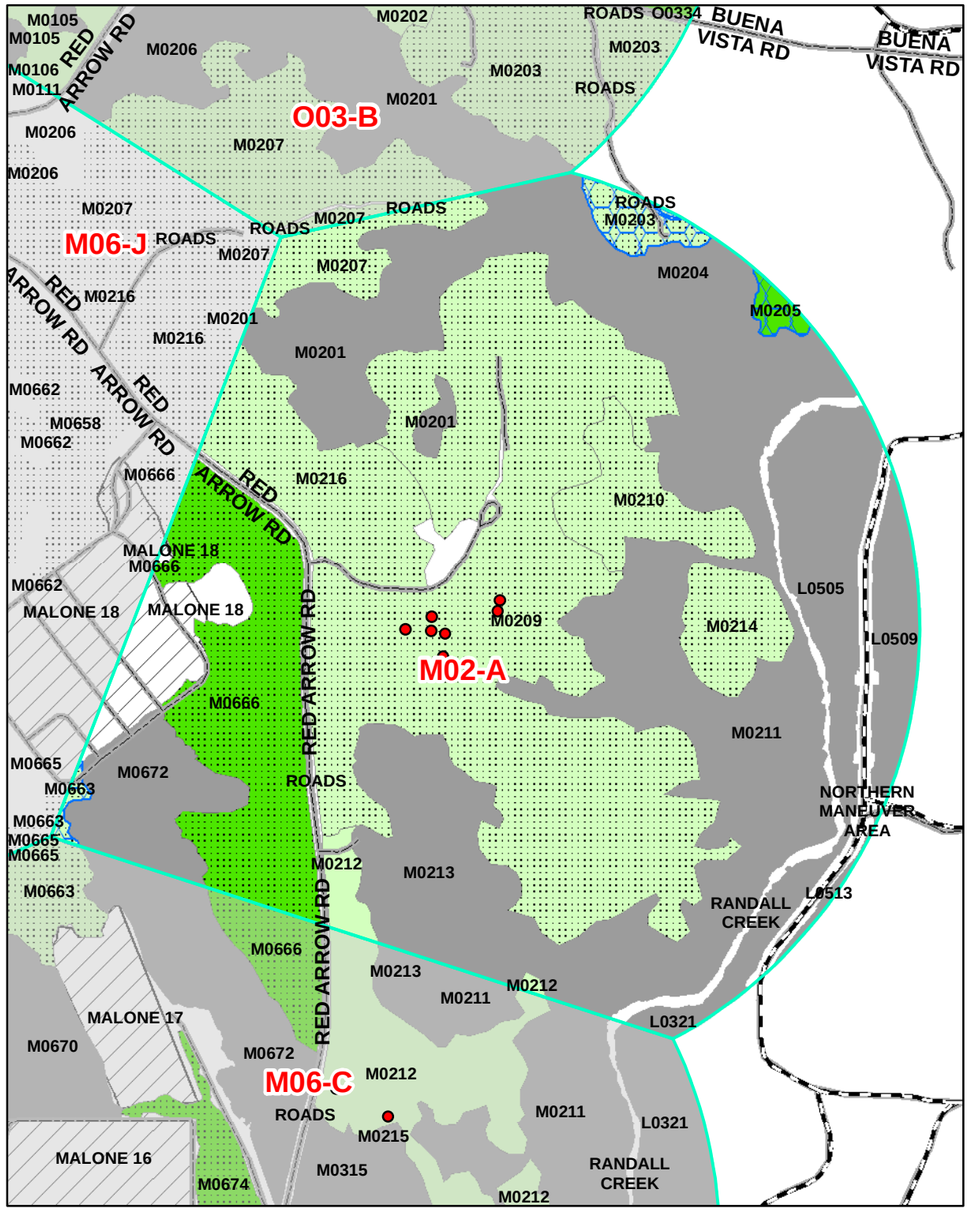
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

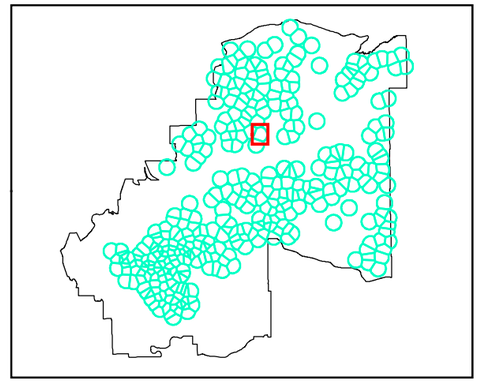
Appendix F. Figure 51. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **M01-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

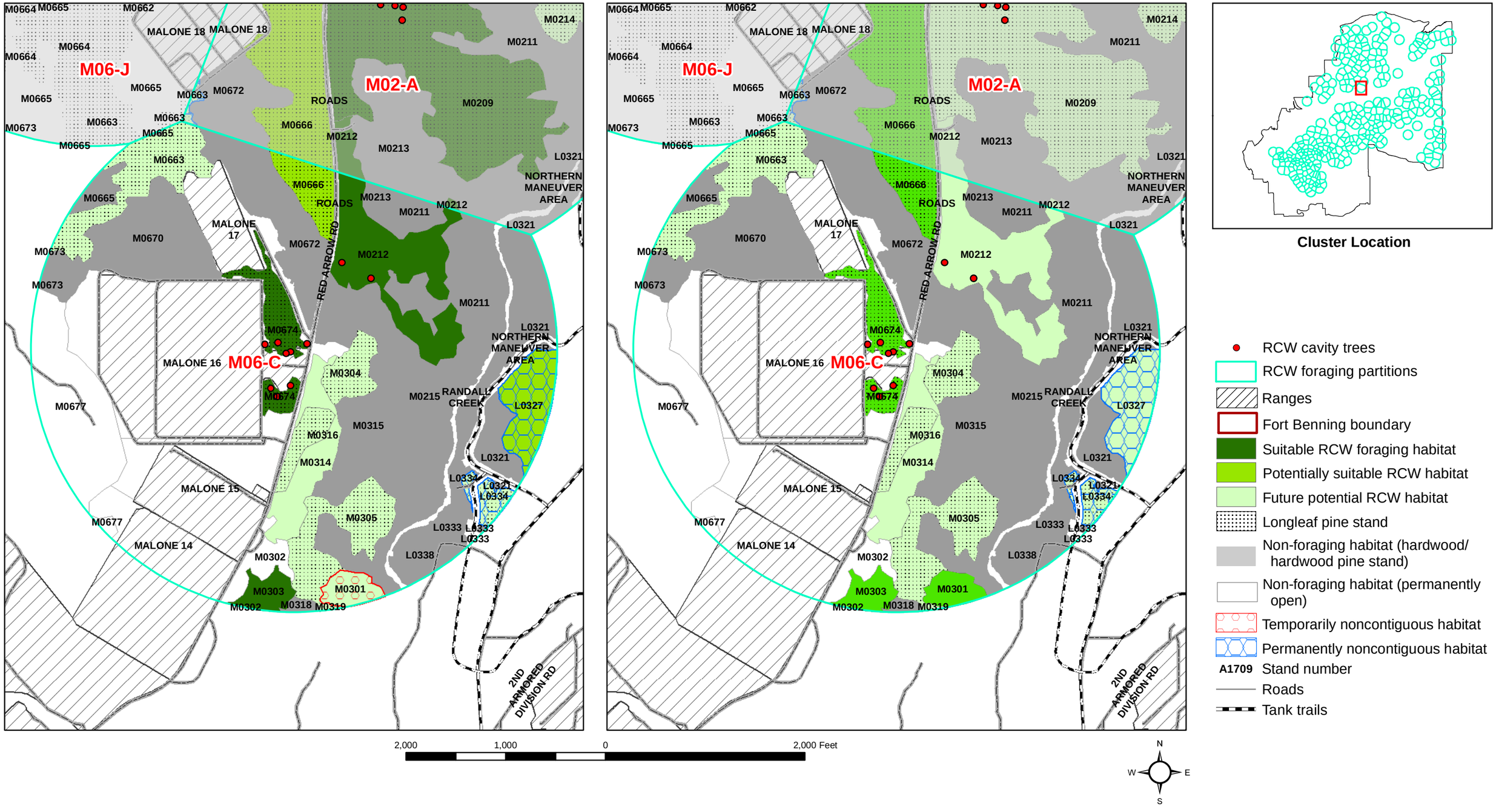
2,000 1,000 0 2,000 Feet

N W E S

Appendix F. Figure 52. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **M02-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



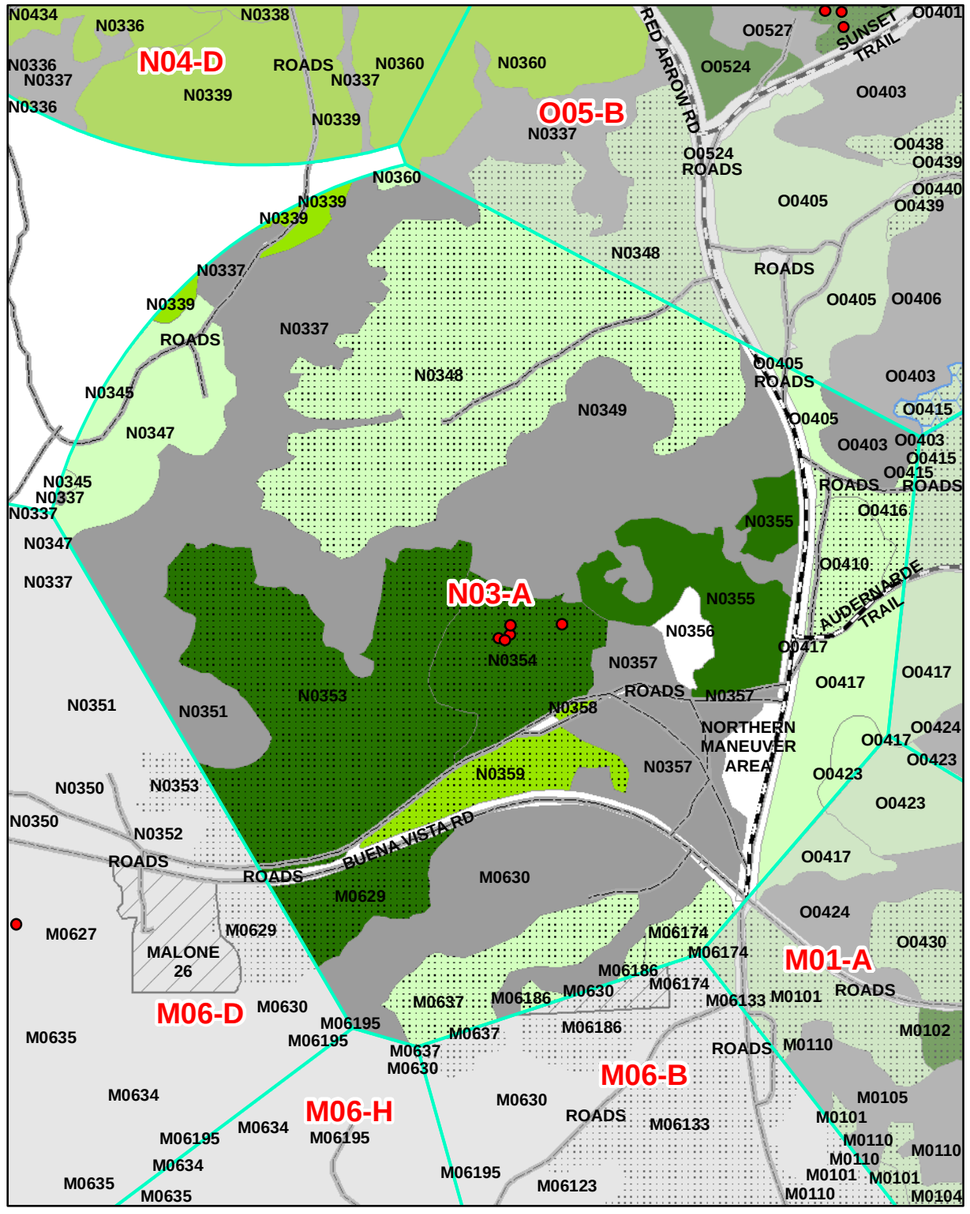
Cluster Location

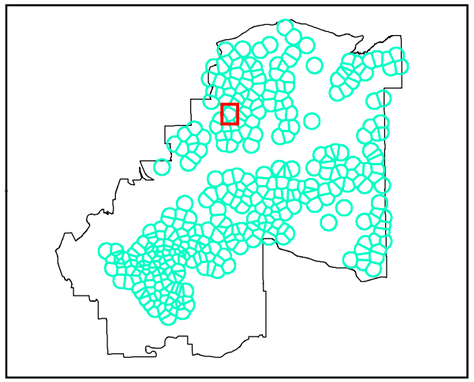
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 53. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **M06-C** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





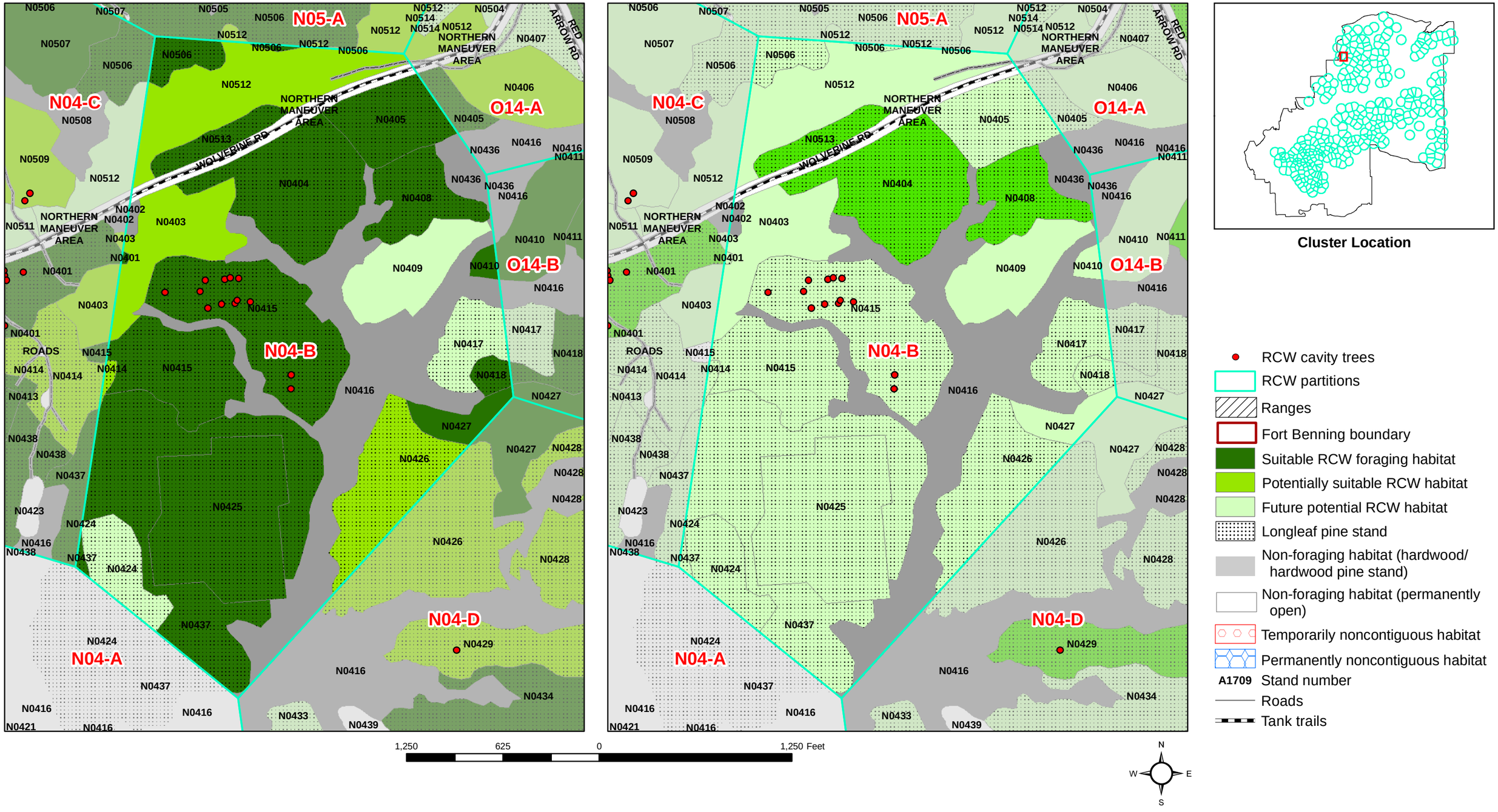
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 54. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **N03-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



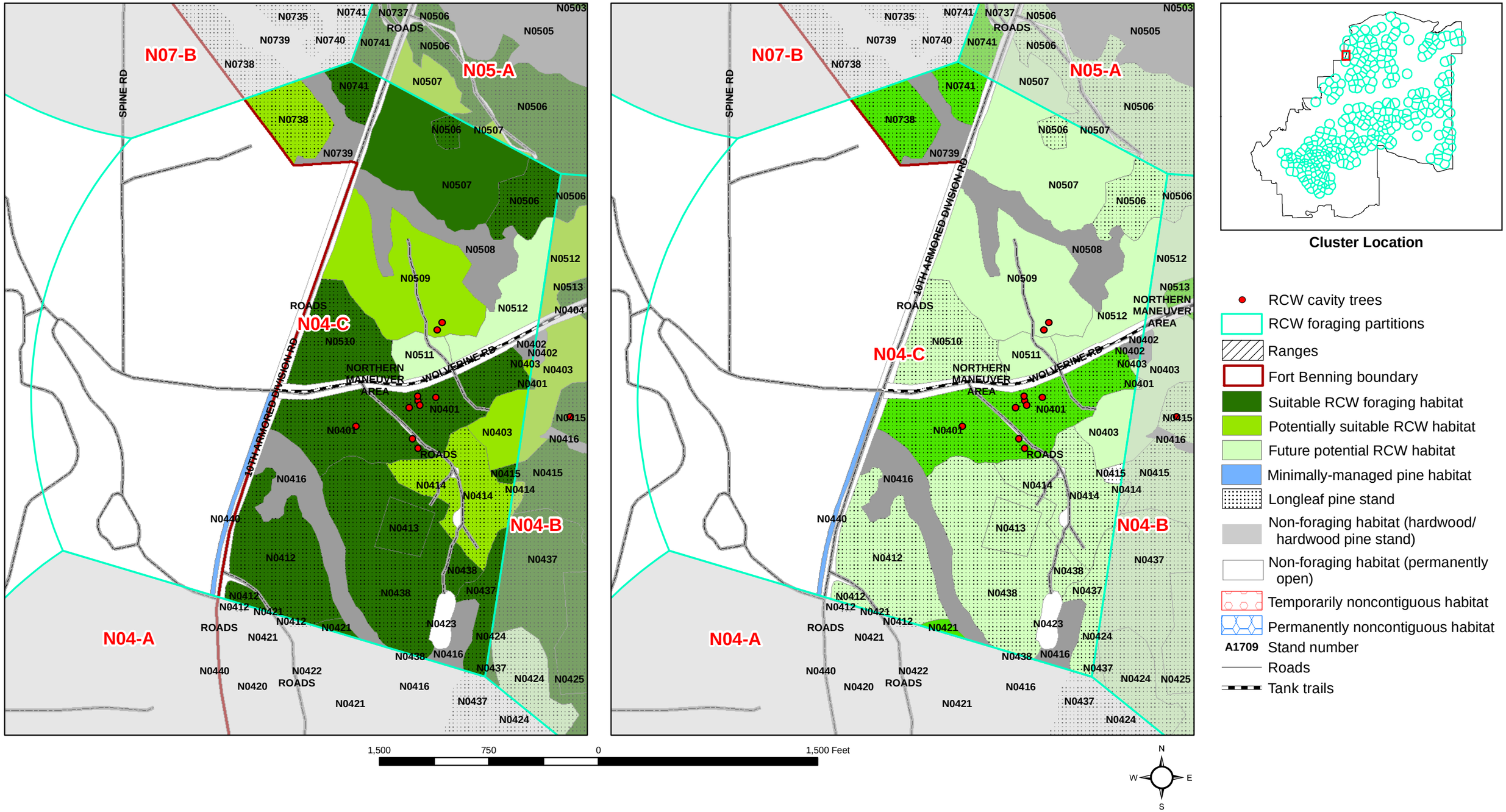
Cluster Location

- RCW cavity trees
- RCW partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 55. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **N04-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



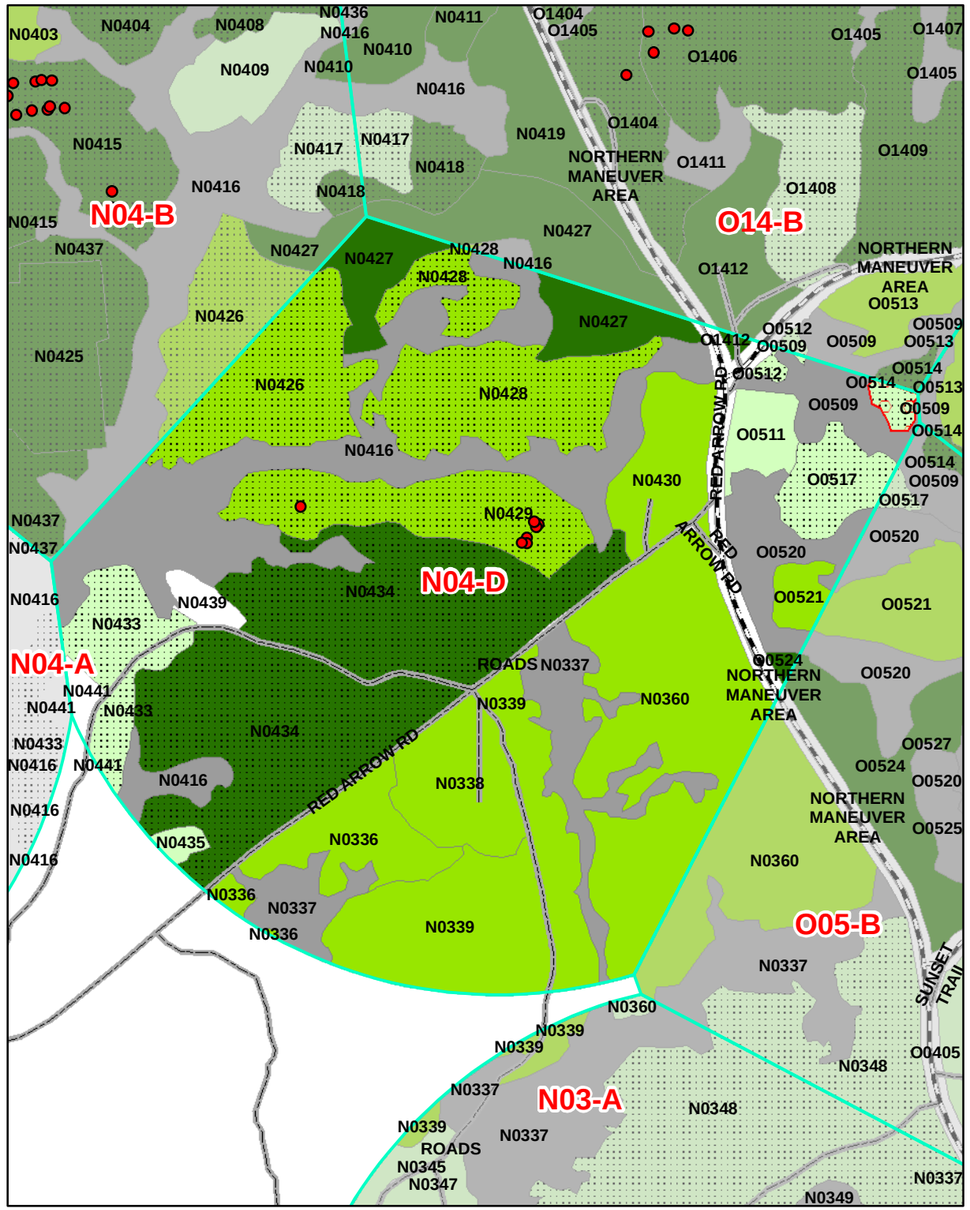
Cluster Location

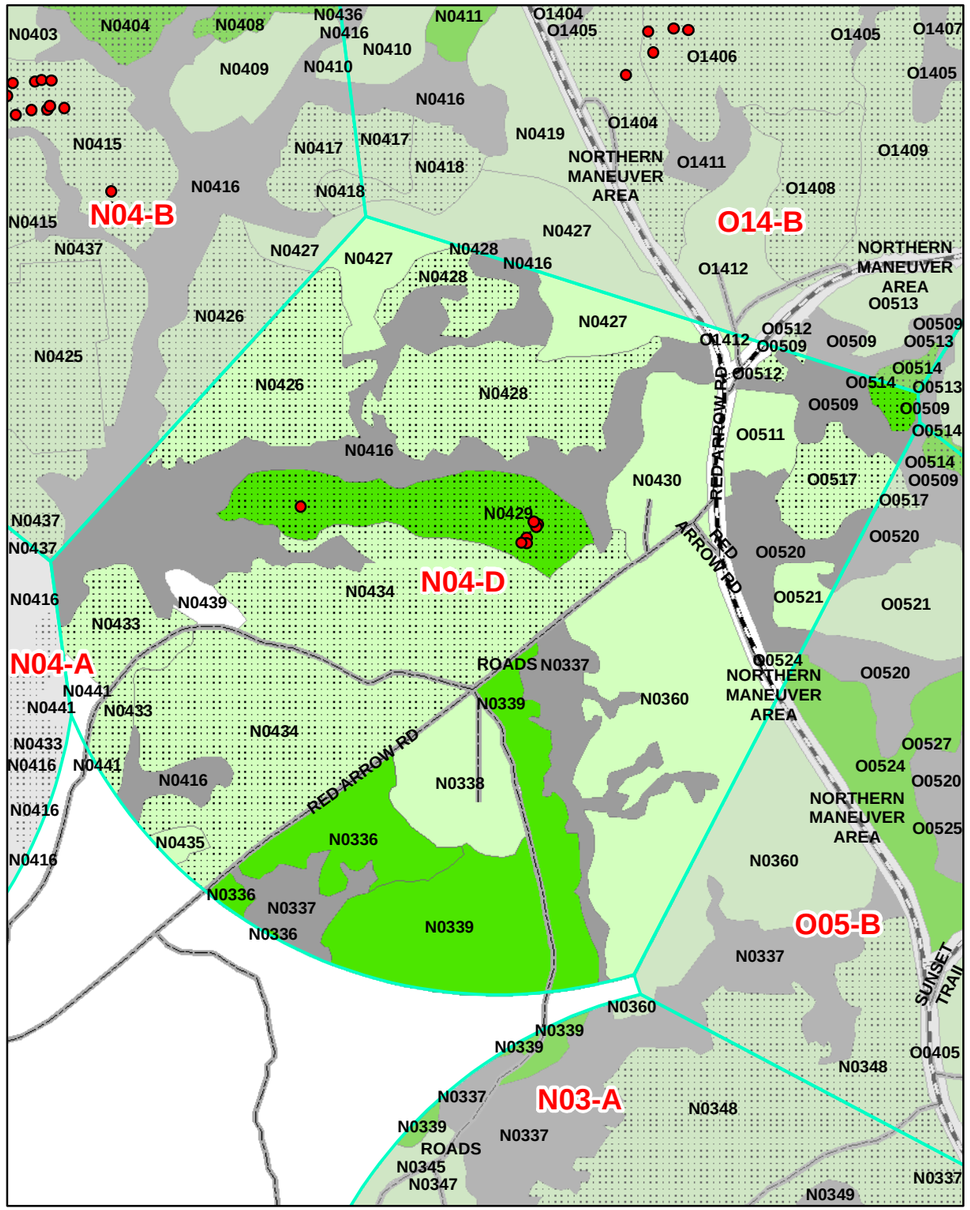
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Minimally-managed pine habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

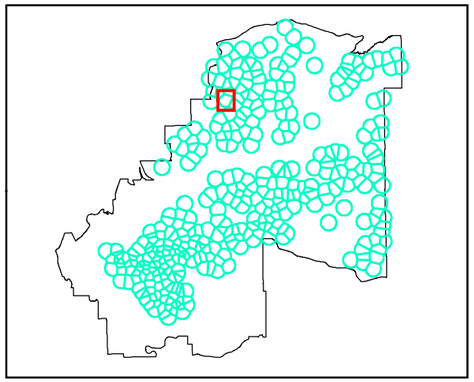
Appendix F. Figure 56. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **N04-C** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

2,000 1,000 0 2,000 Feet

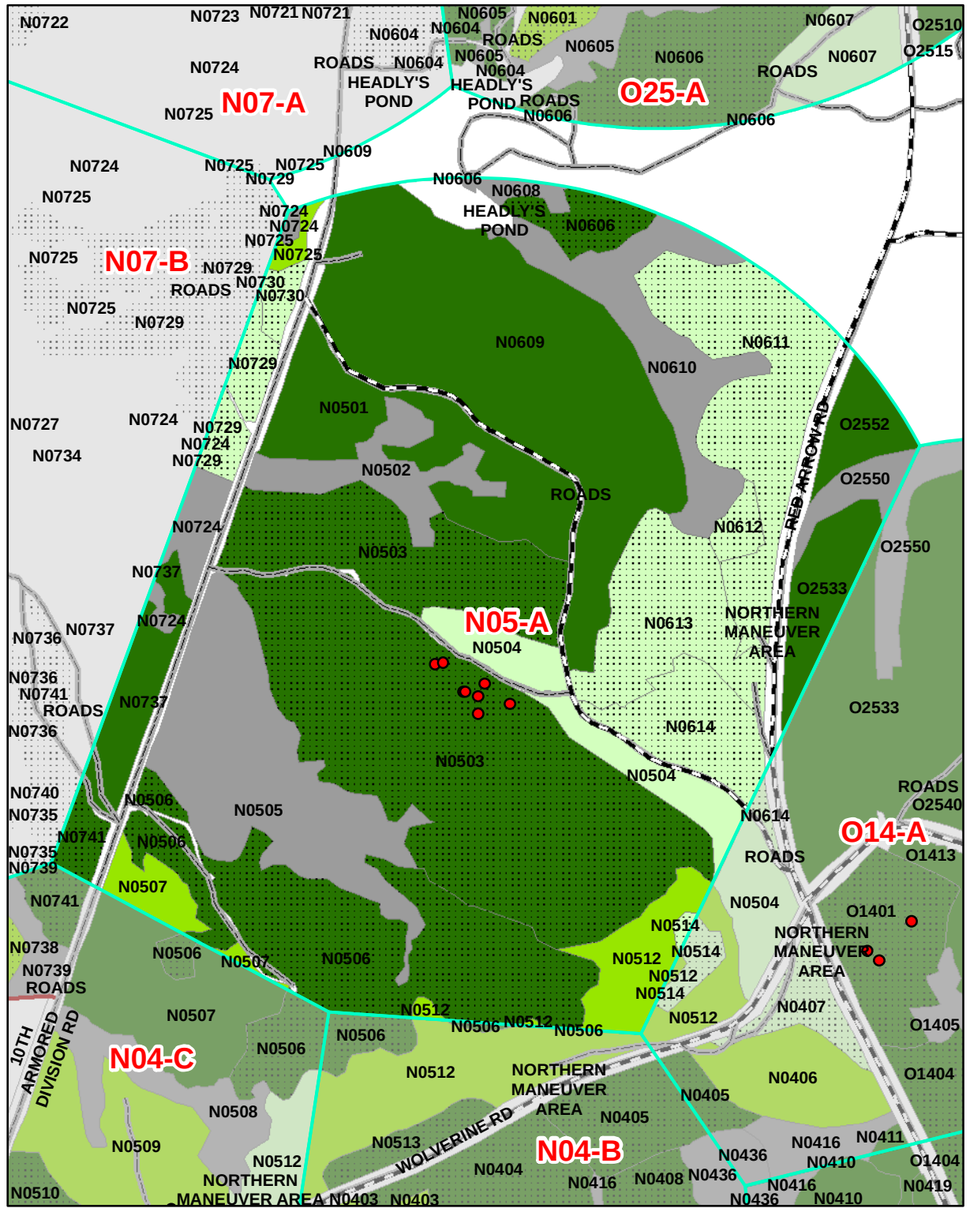
N
W E
S

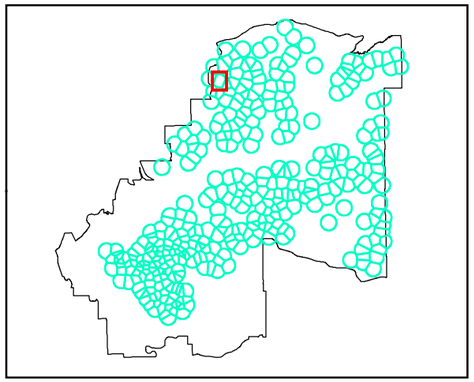
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 57. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **N04-D** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

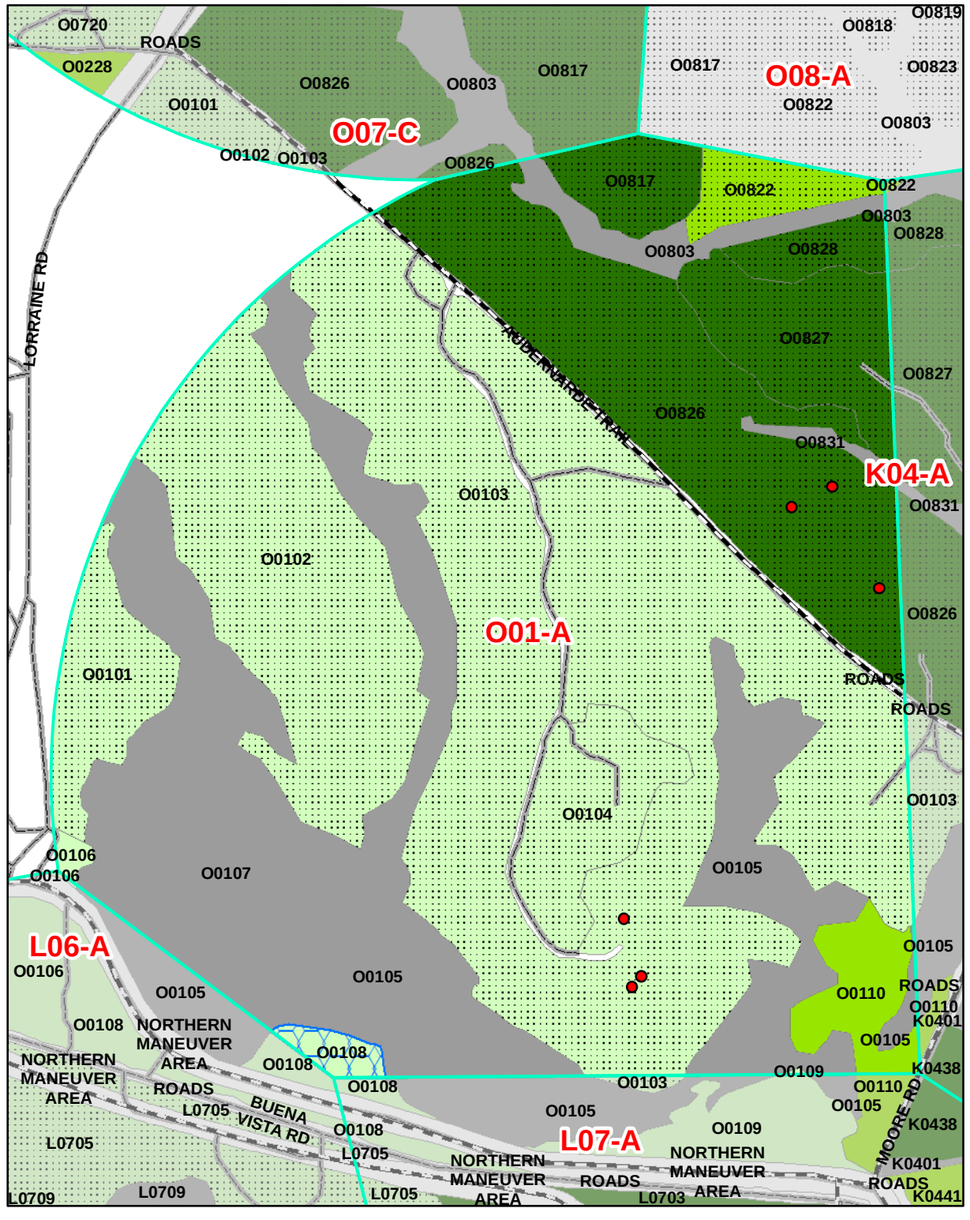
1,500 750 0 1,500 Feet

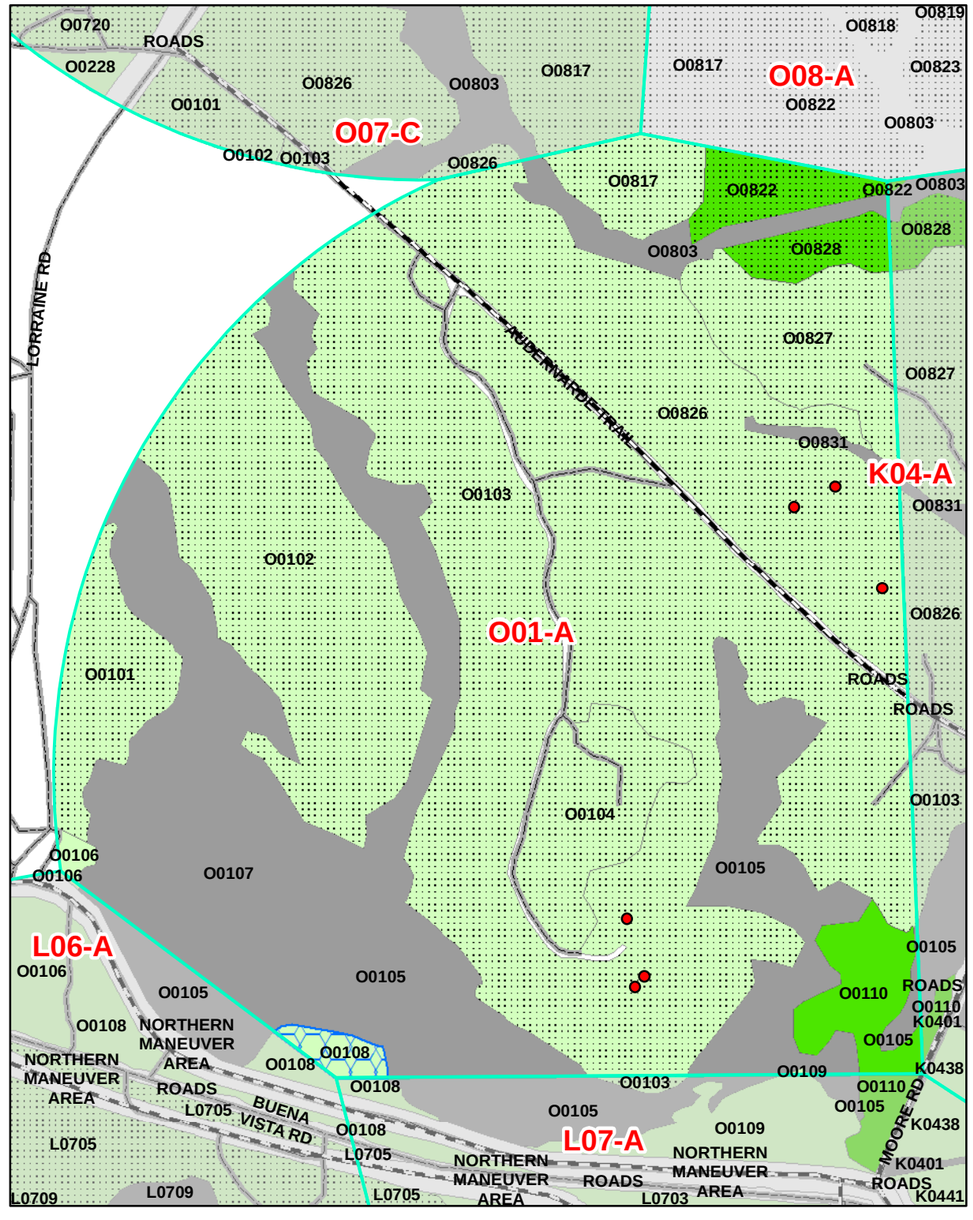
N W E S

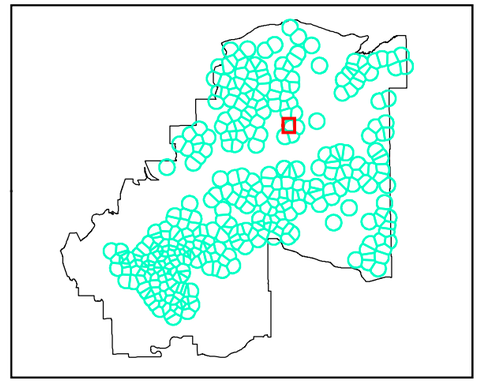
Appendix F. Figure 58. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **N05-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

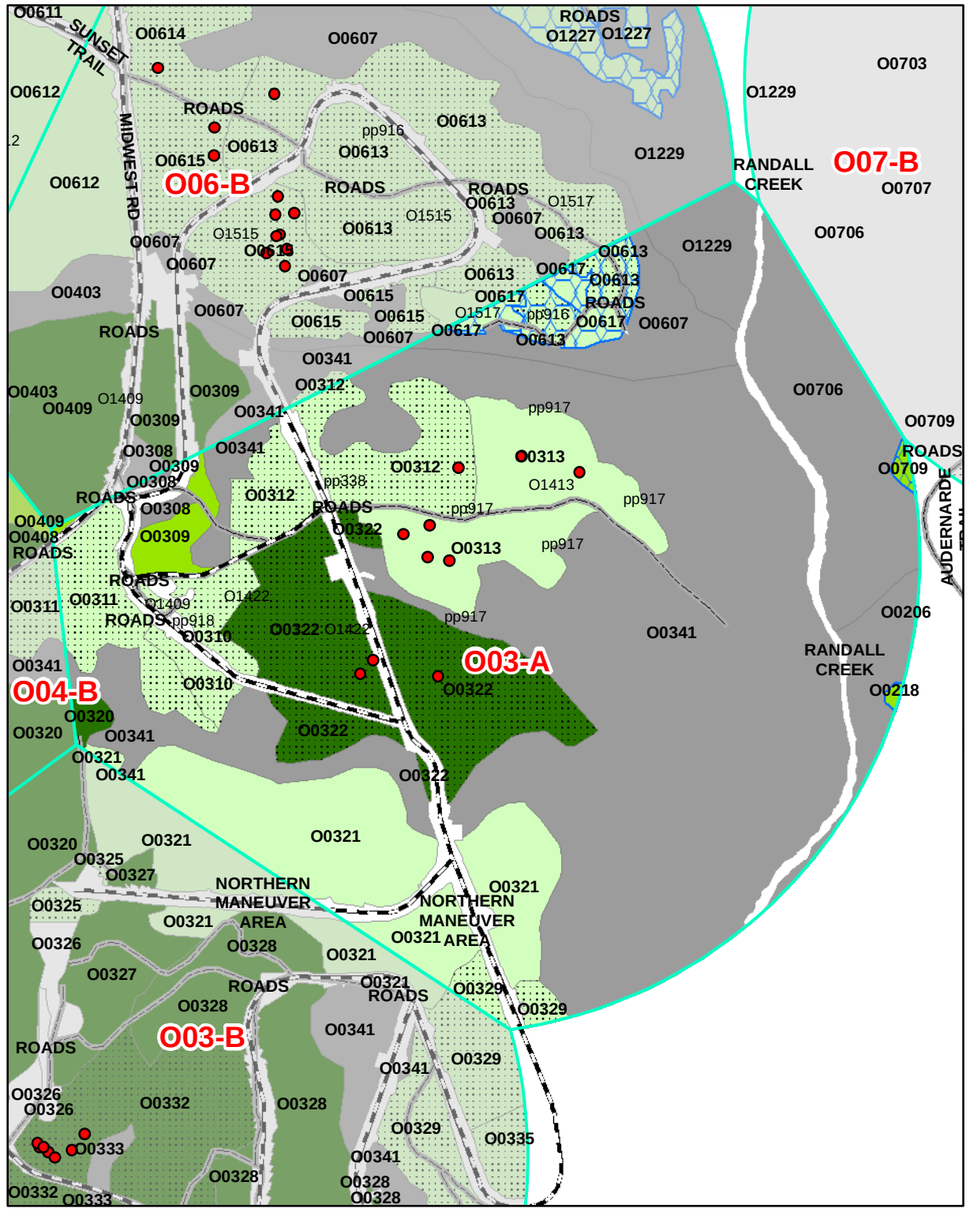
1,500 750 0 1,500 Feet

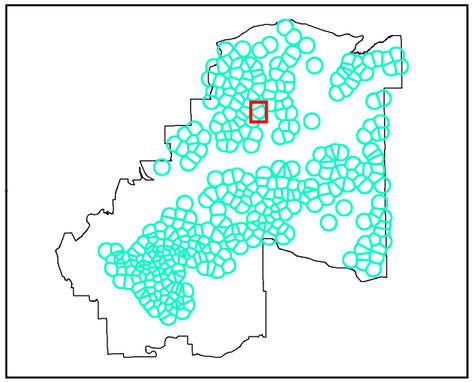
N W E S

Appendix F. Figure 59. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O01-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

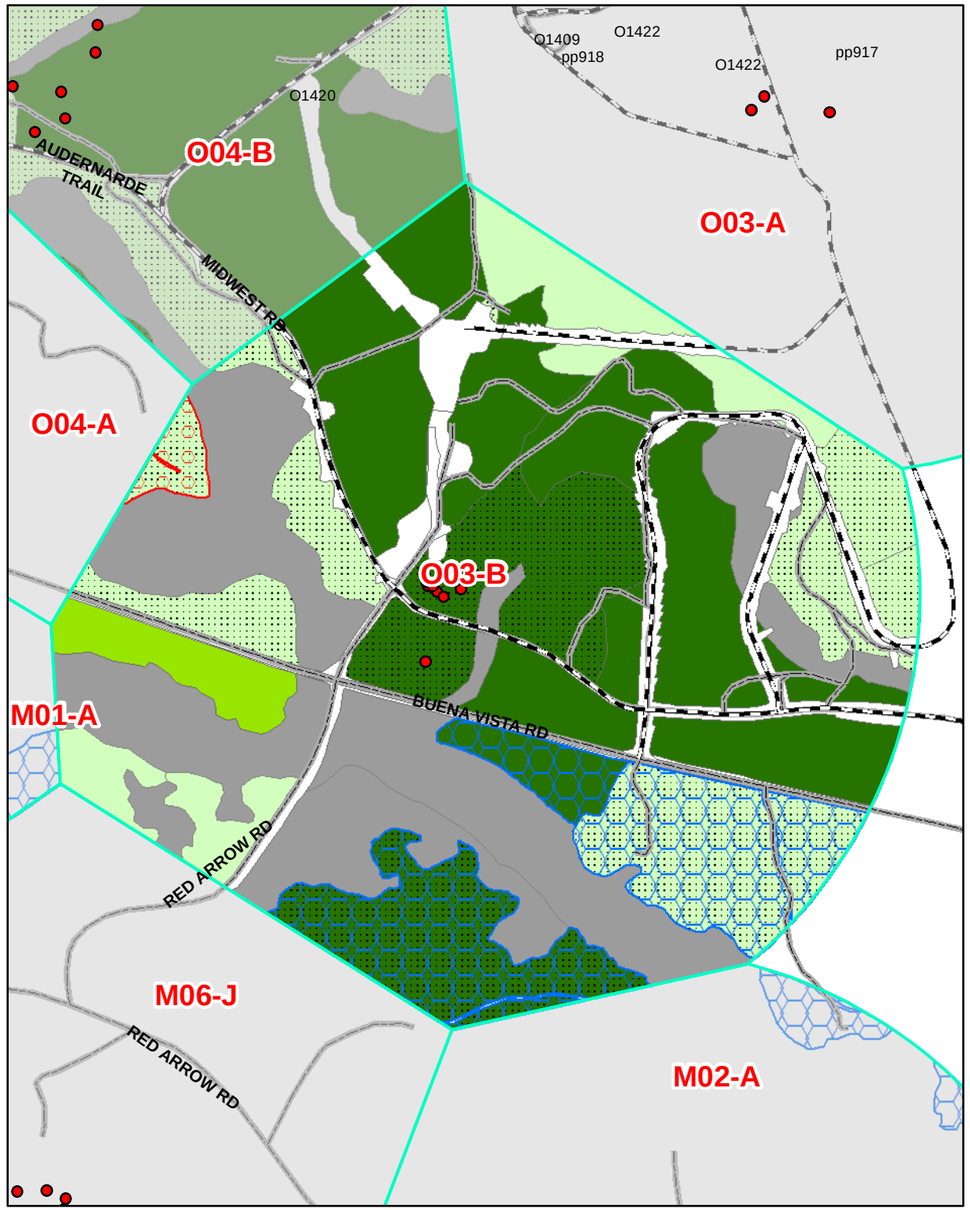
2,000 1,000 0 2,000 Feet

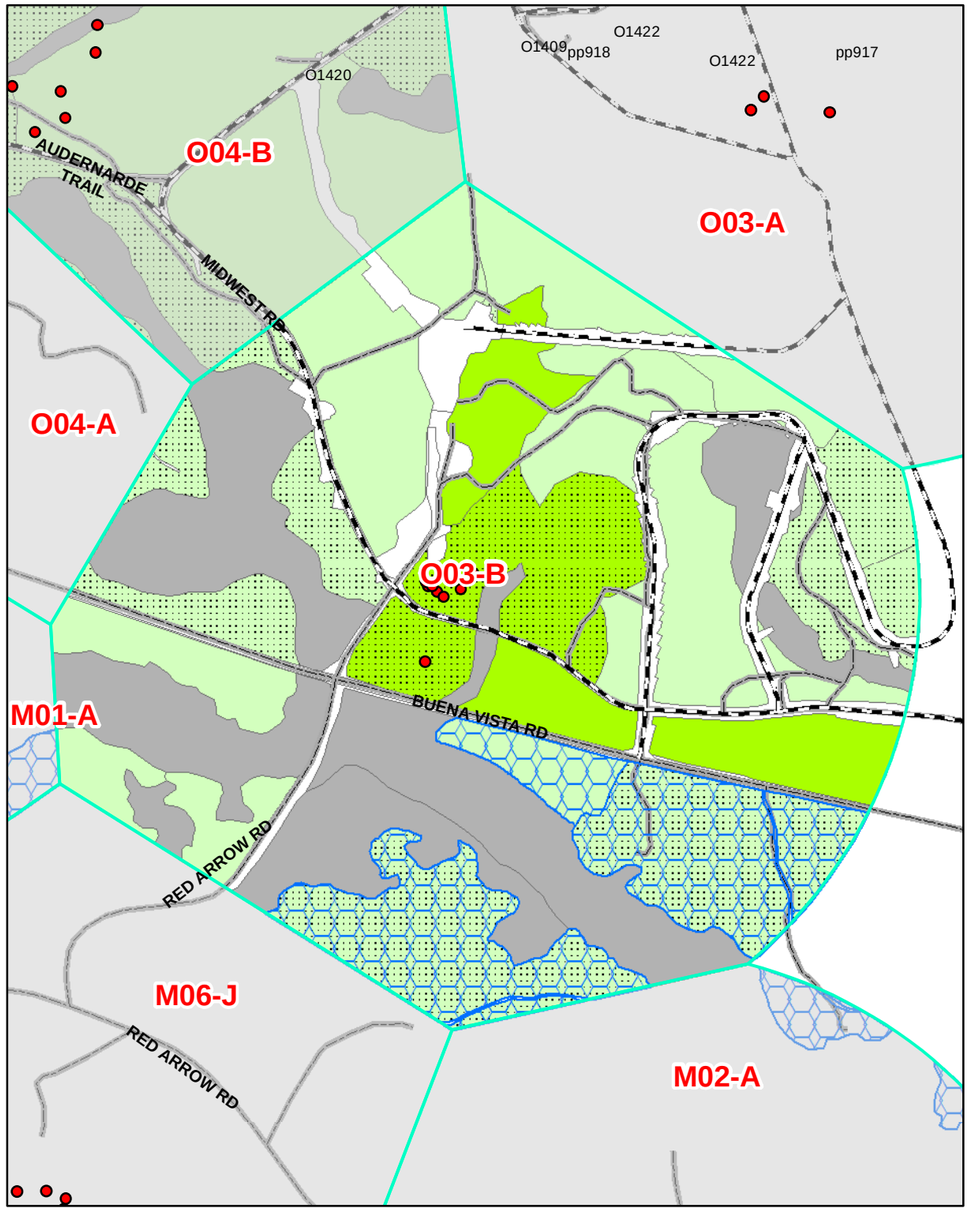
N W E S

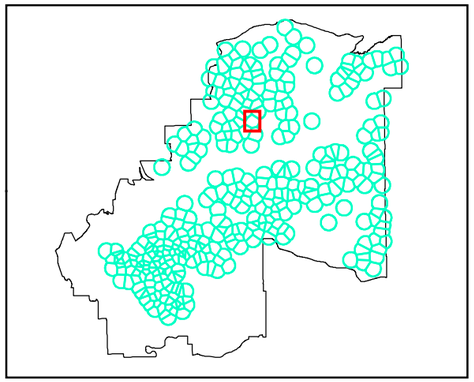
Appendix F. Figure 60. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O03-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

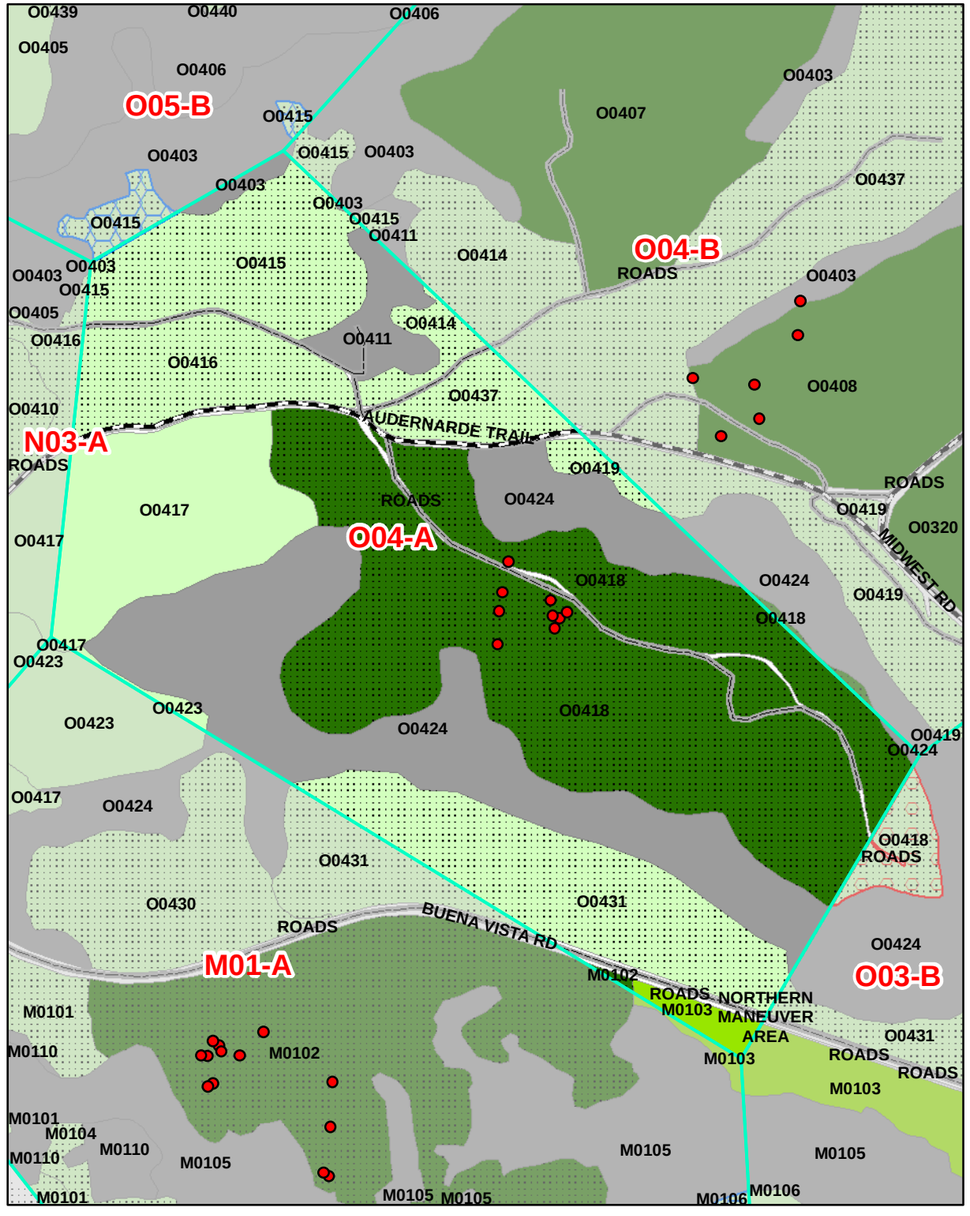
1,750 875 0 1,750 Feet

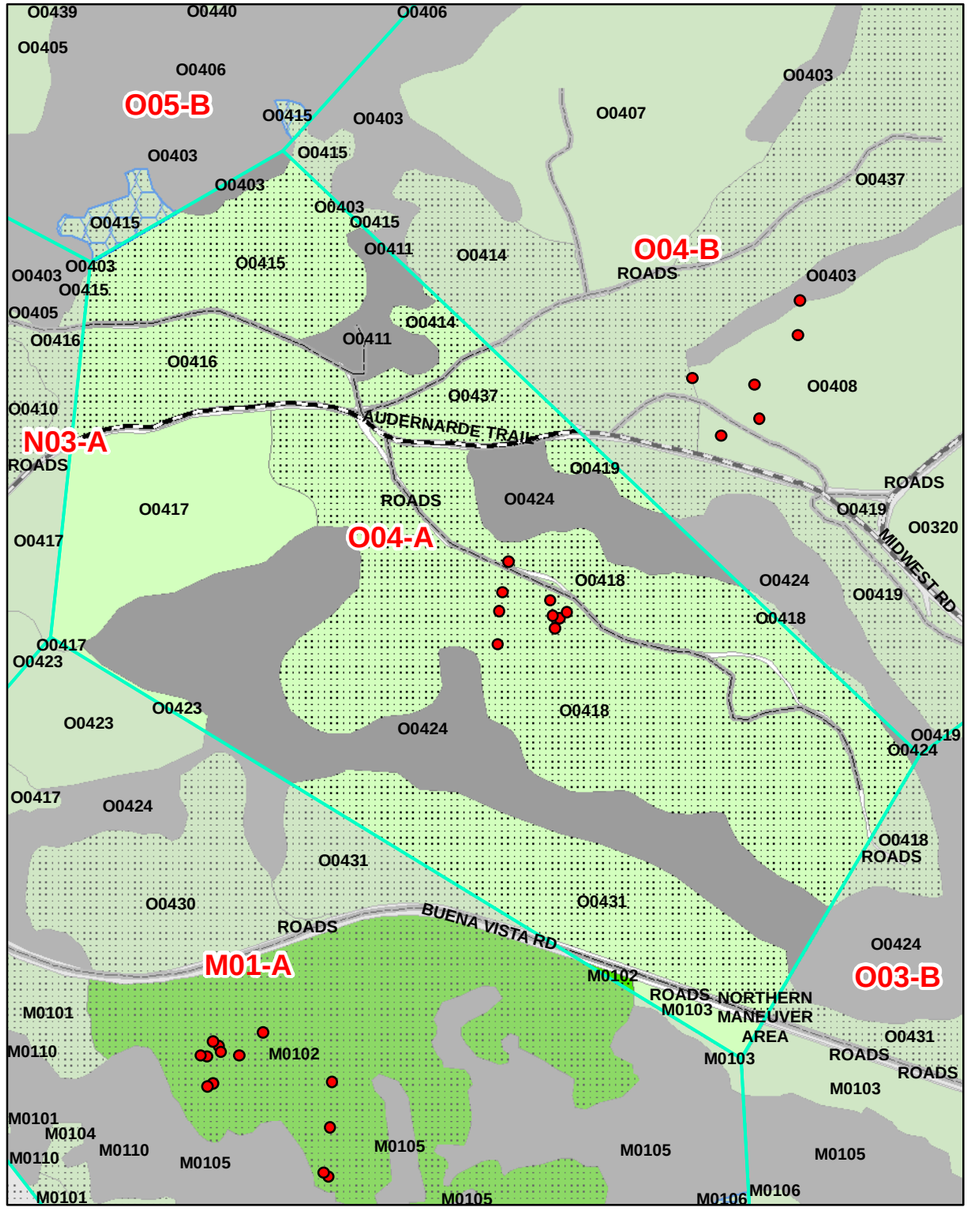
N W E S

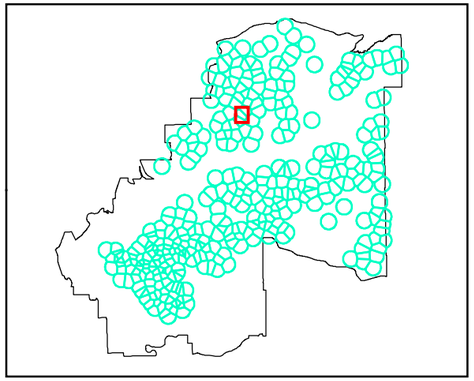
Appendix F. Figure 61. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O03-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

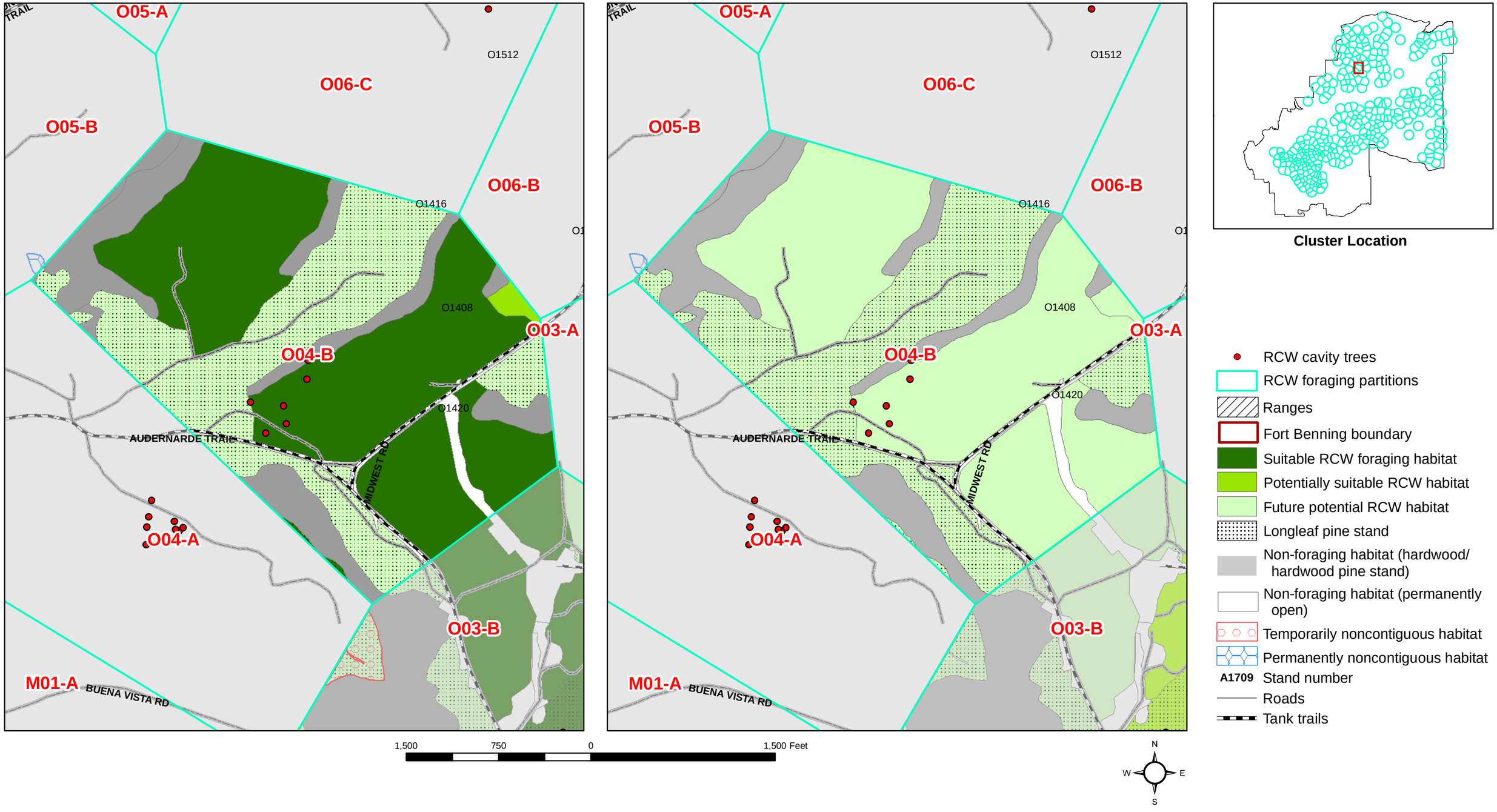
1,400 700 0 1,400 Feet

N W E S

Appendix F. Figure 62. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O04-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

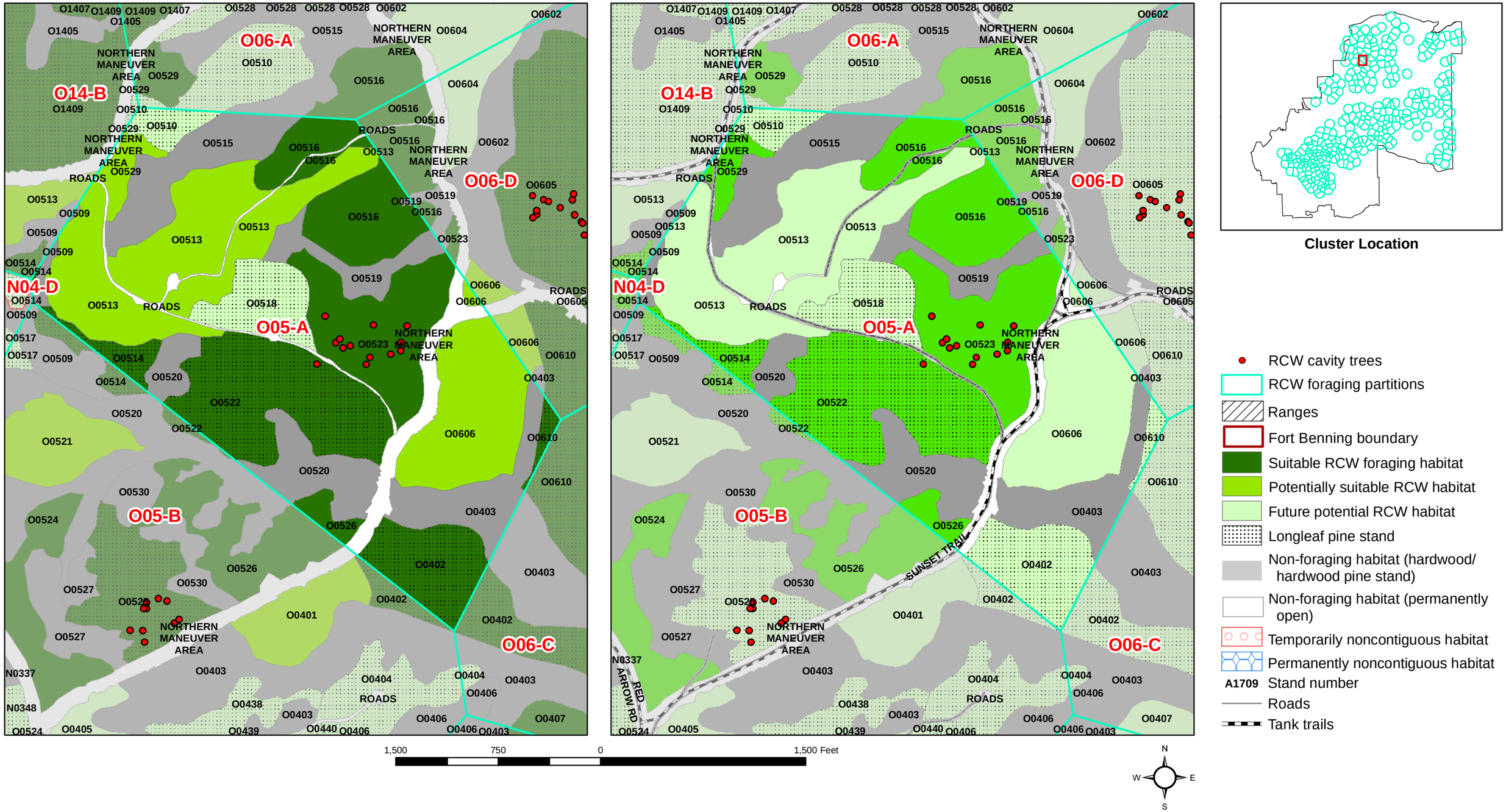
Recovery Standard



Appendix F. Figure 63. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O04-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



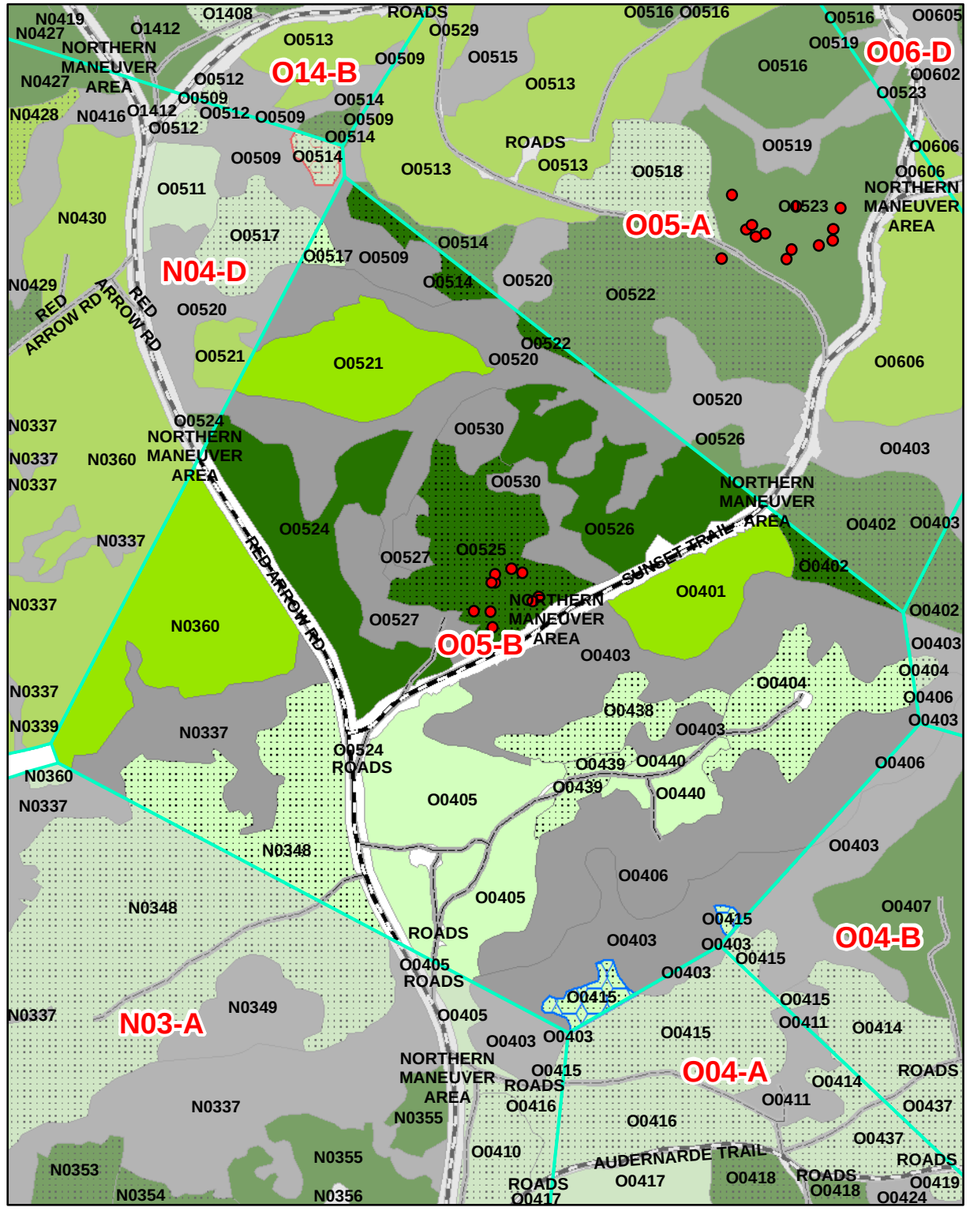
Cluster Location

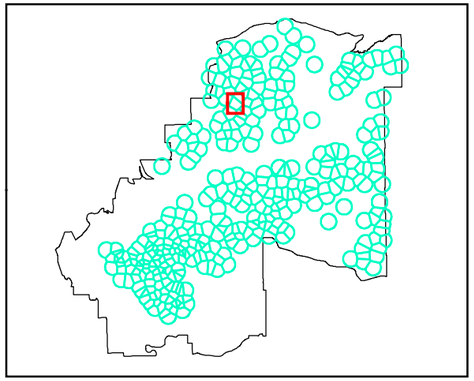
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 64. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O05-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





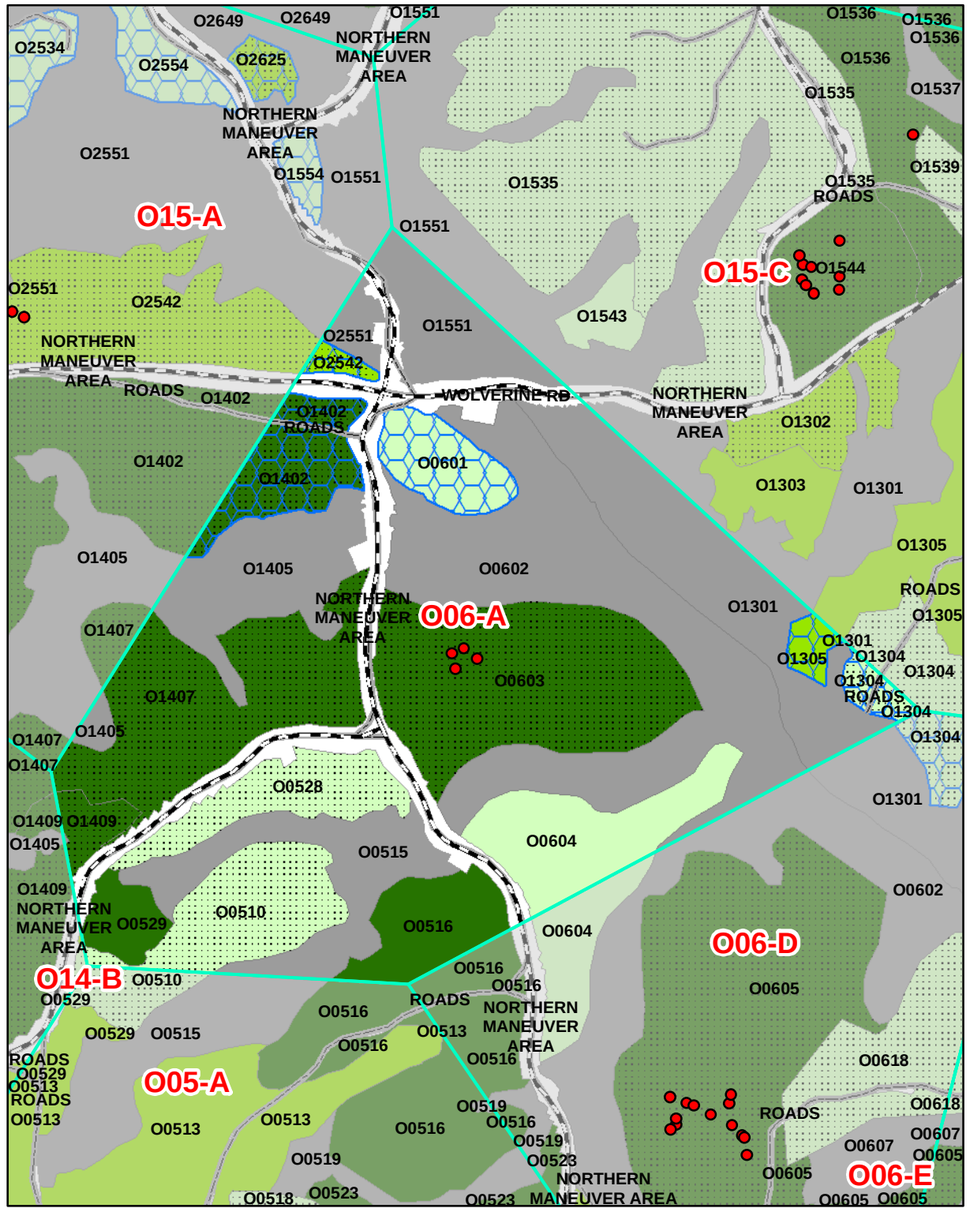
Cluster Location

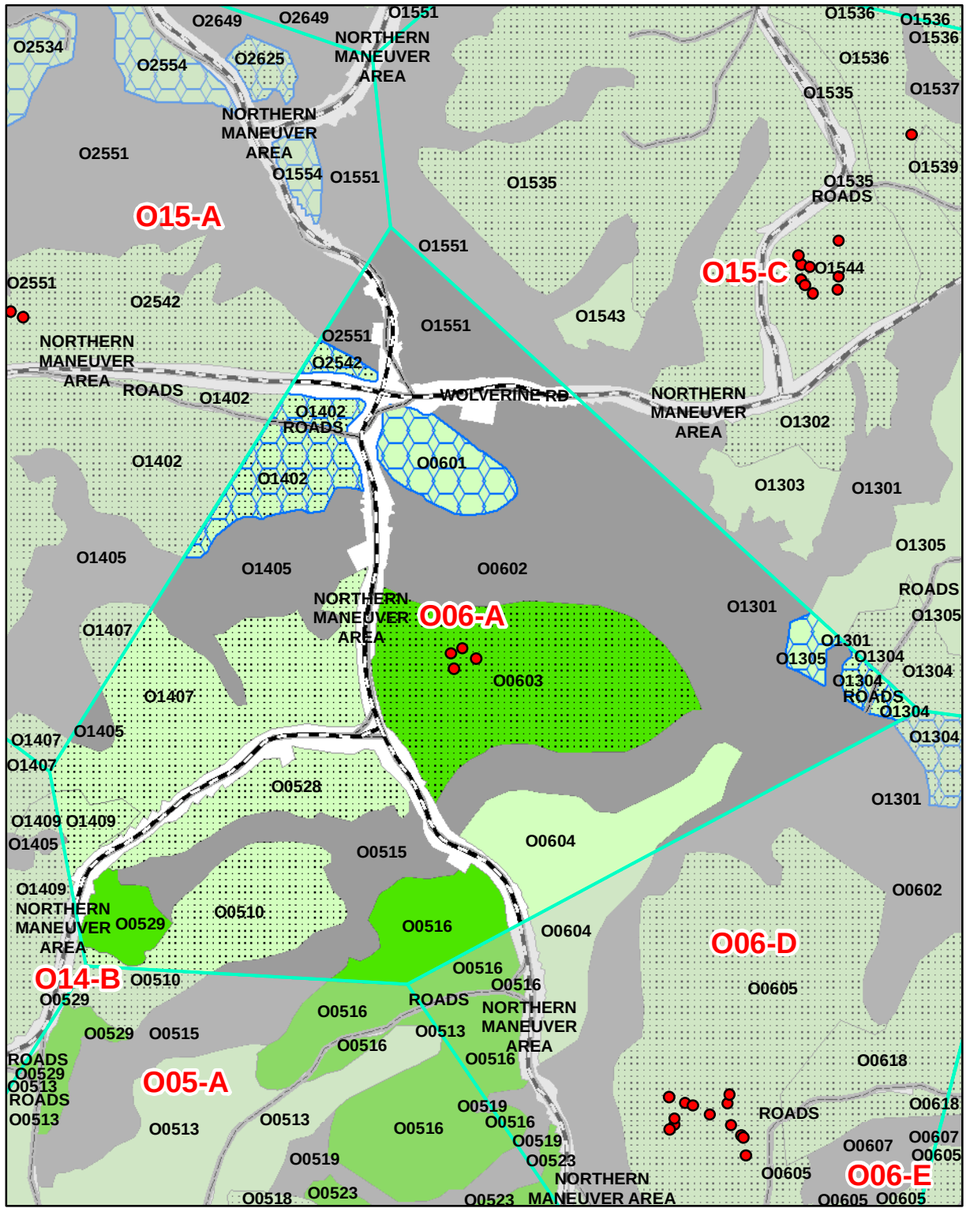
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

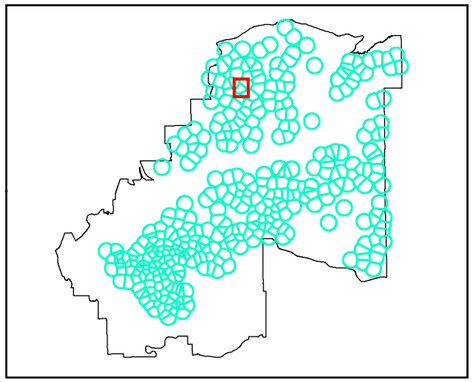
Appendix F. Figure 65. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O05-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

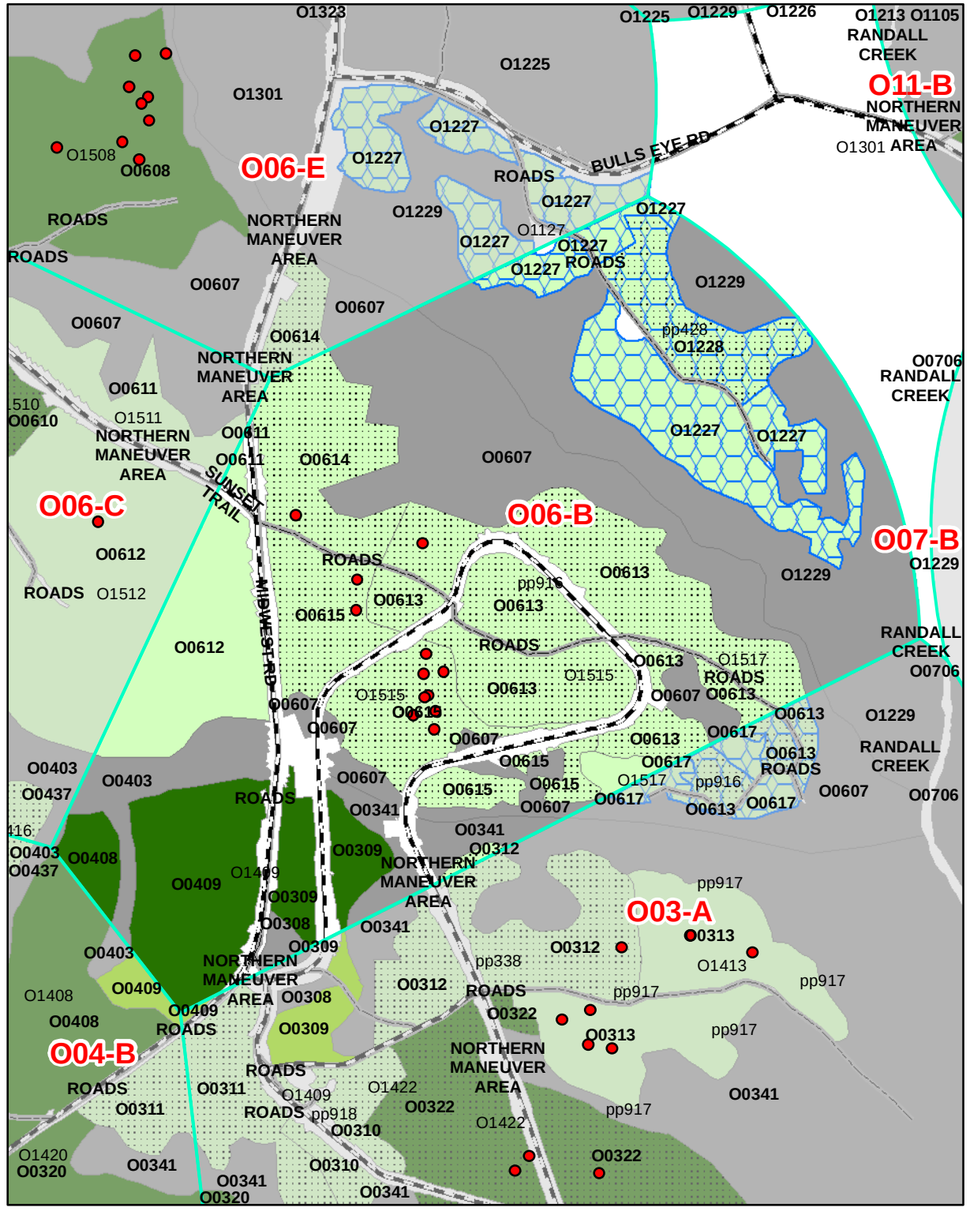
1,500 750 0 1,500 Feet

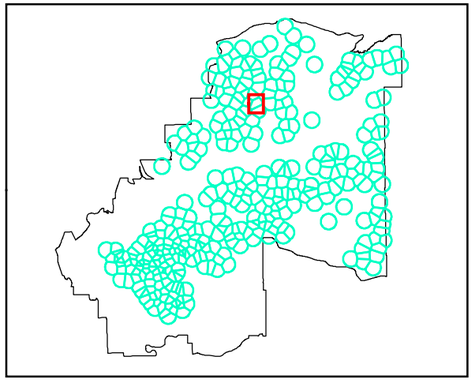
N W E S

Appendix F. Figure 66. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O06-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





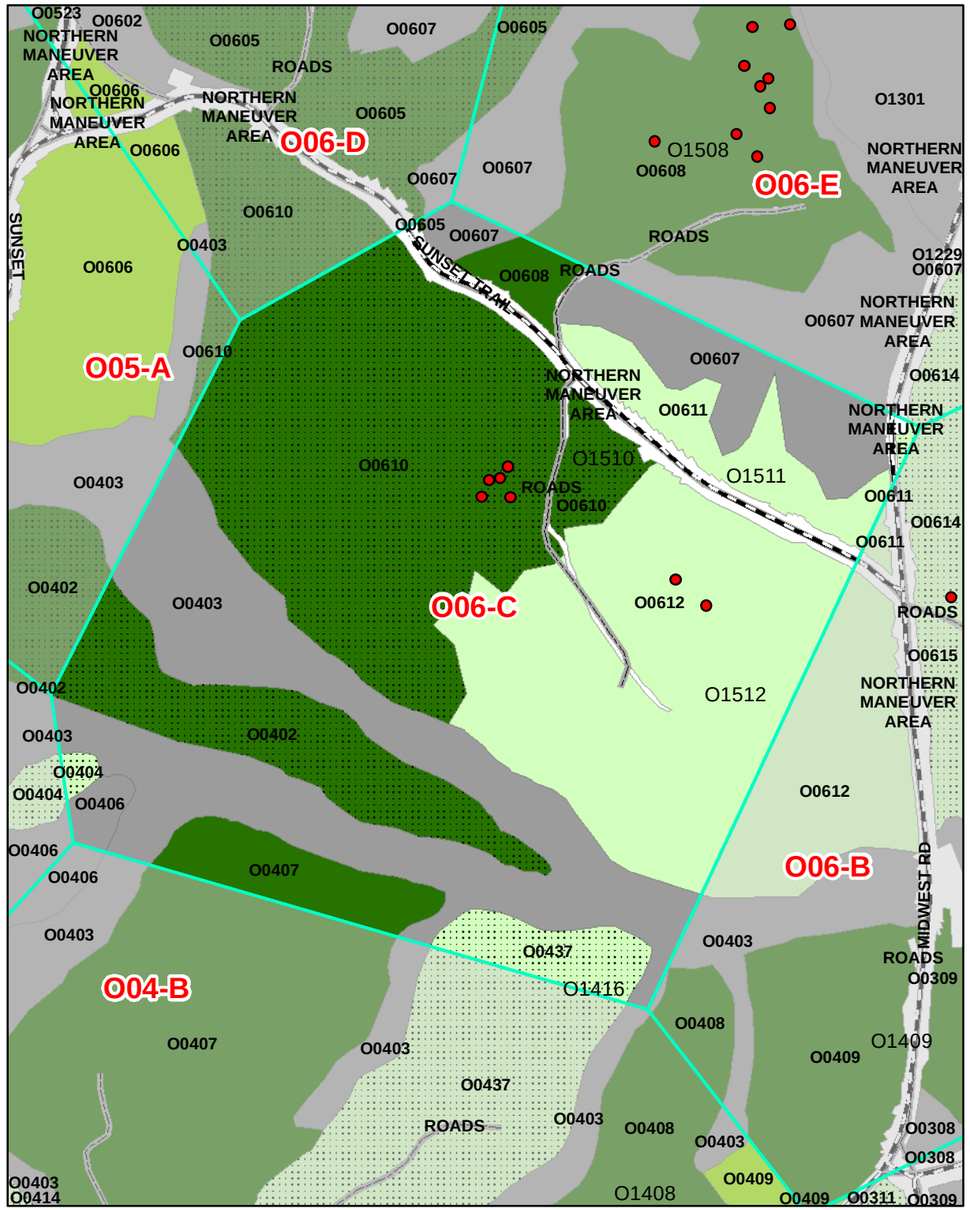
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 67. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O06-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

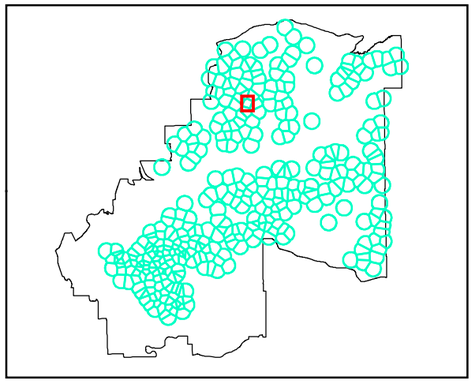
Managed Stability Standard

Recovery Standard



1,400 700 0 1,400 Feet

N W E S



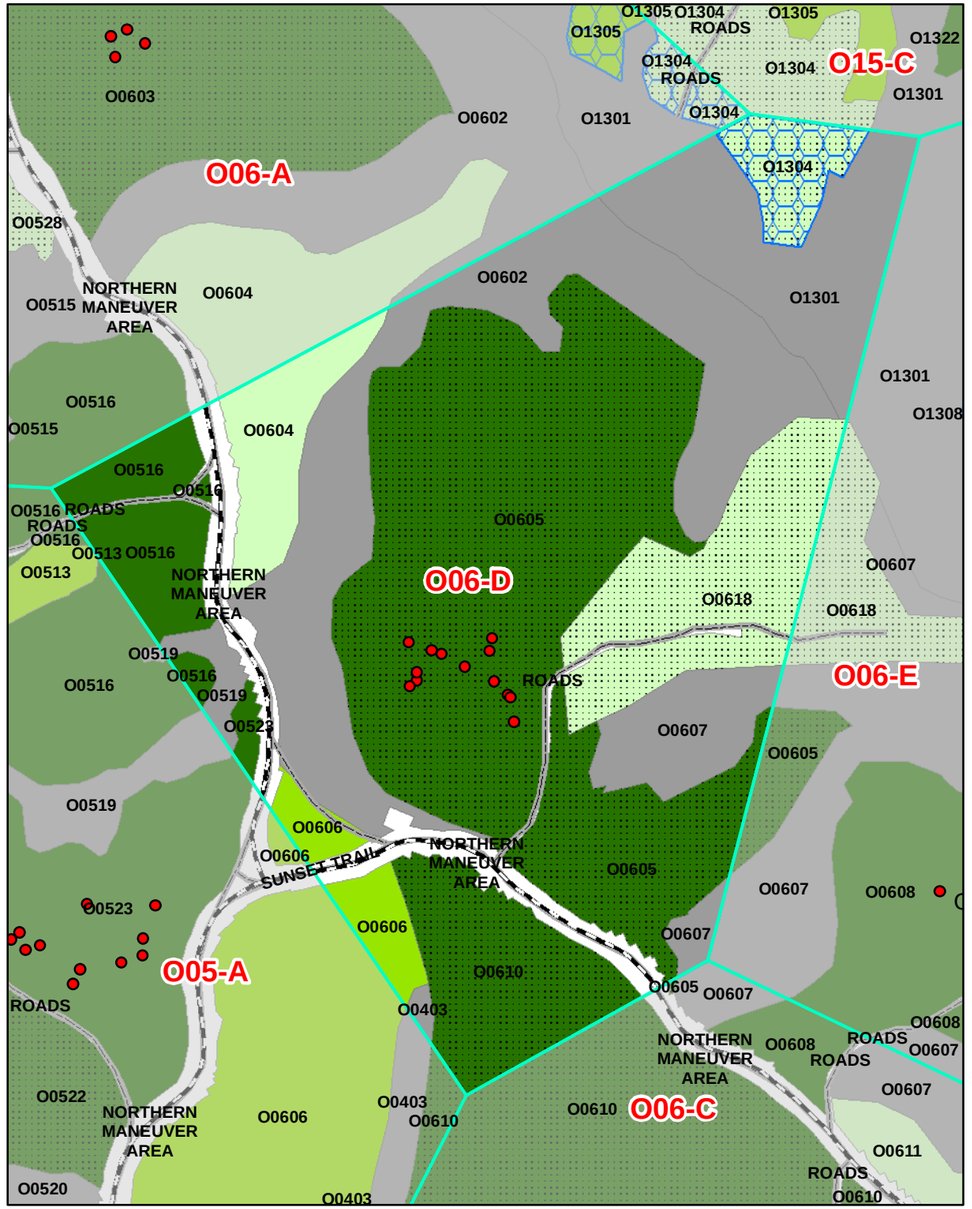
Cluster Location

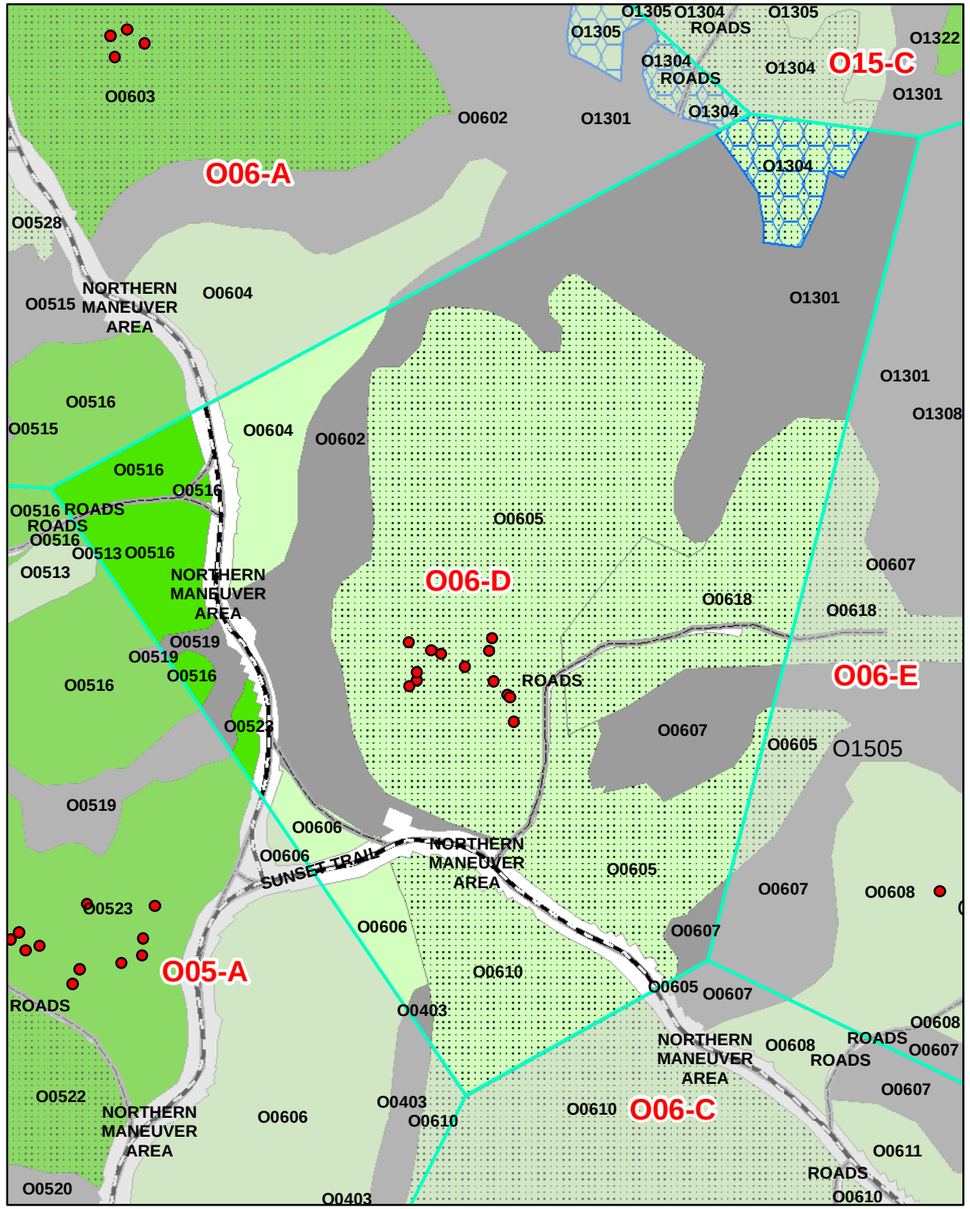
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

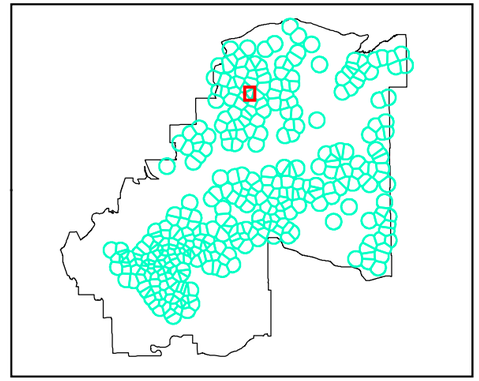
Appendix F. Figure 68. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O06-C** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

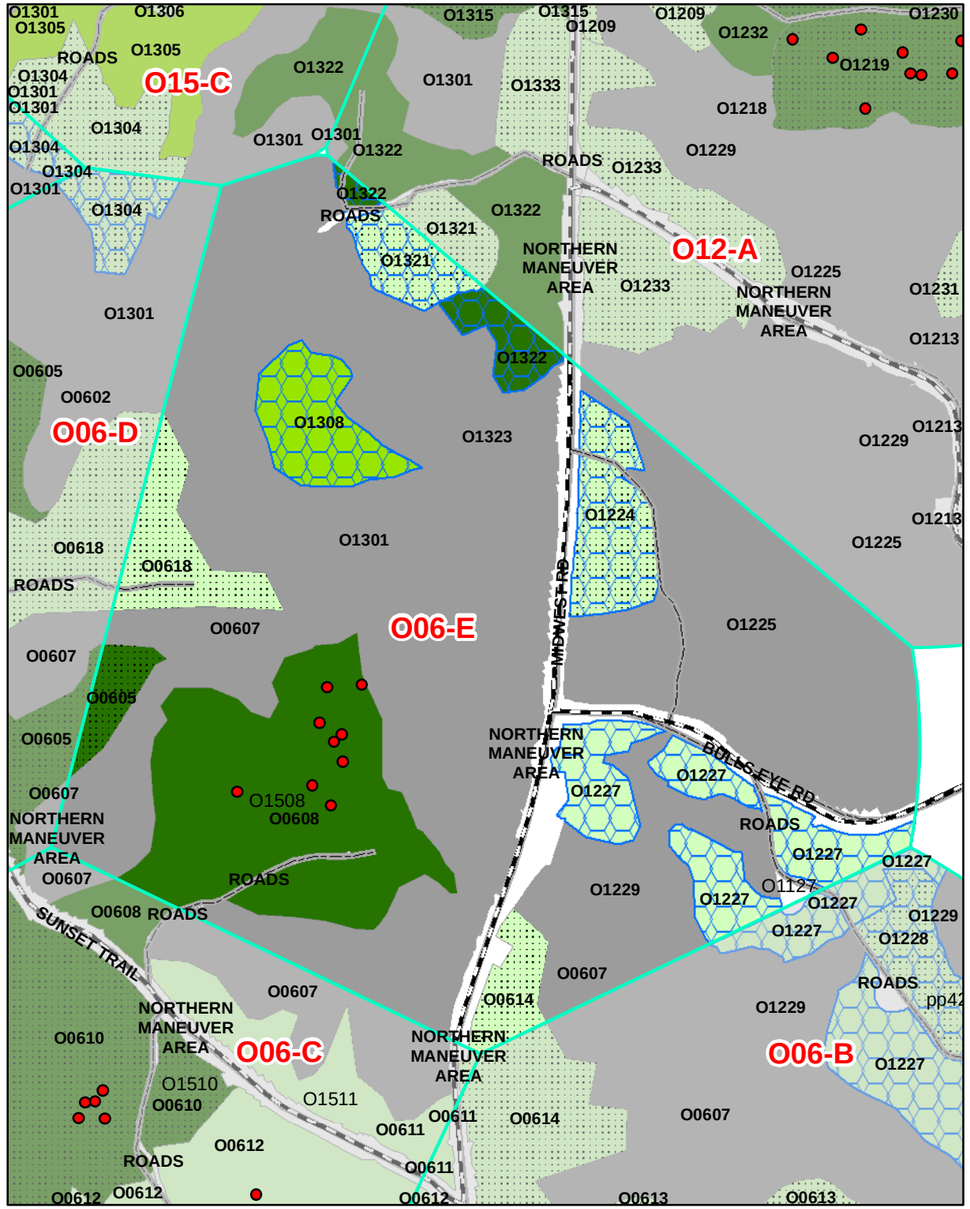
1,500 750 0 1,500 Feet

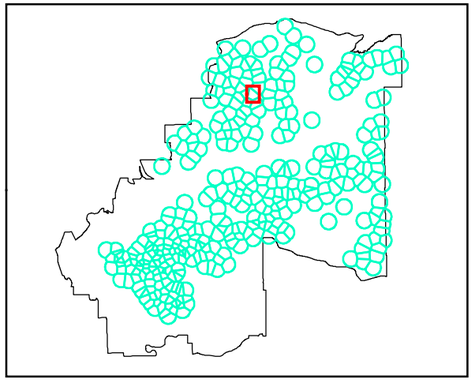
N W E S

Appendix F. Figure 69. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O06-D** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

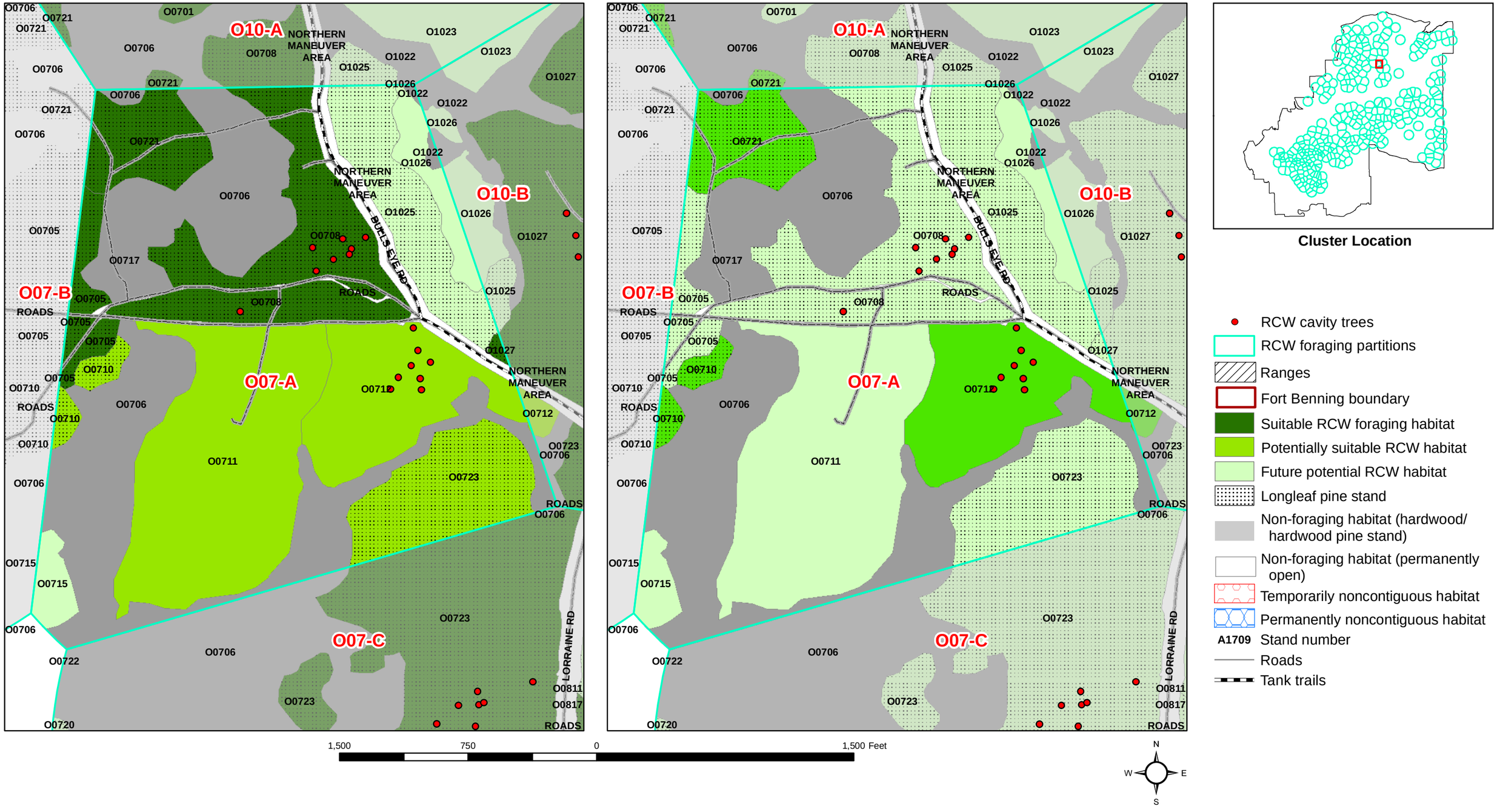
1,500 750 0 1,500 Feet

N W E S

Appendix F. Figure 70. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O06-E** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



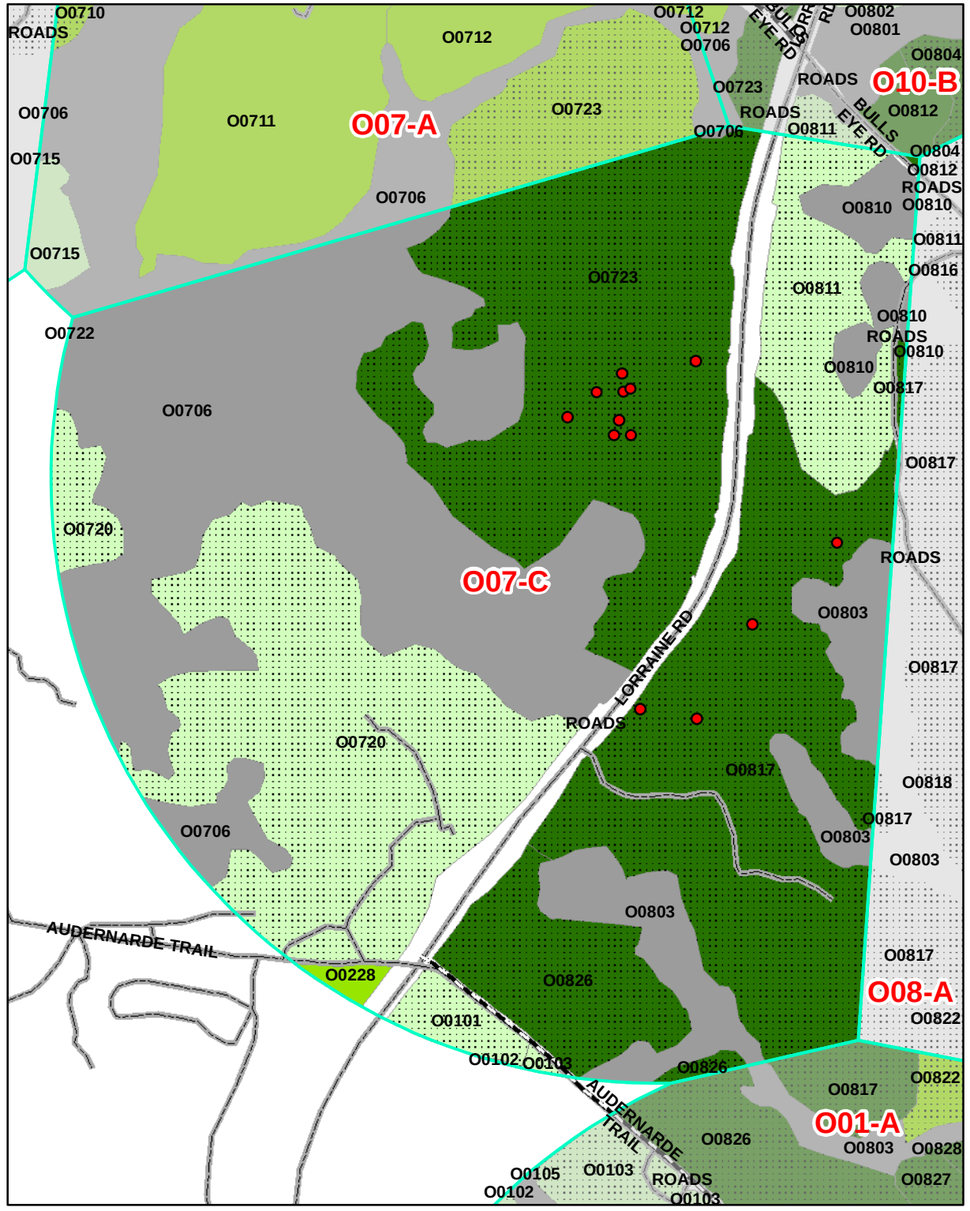
Cluster Location

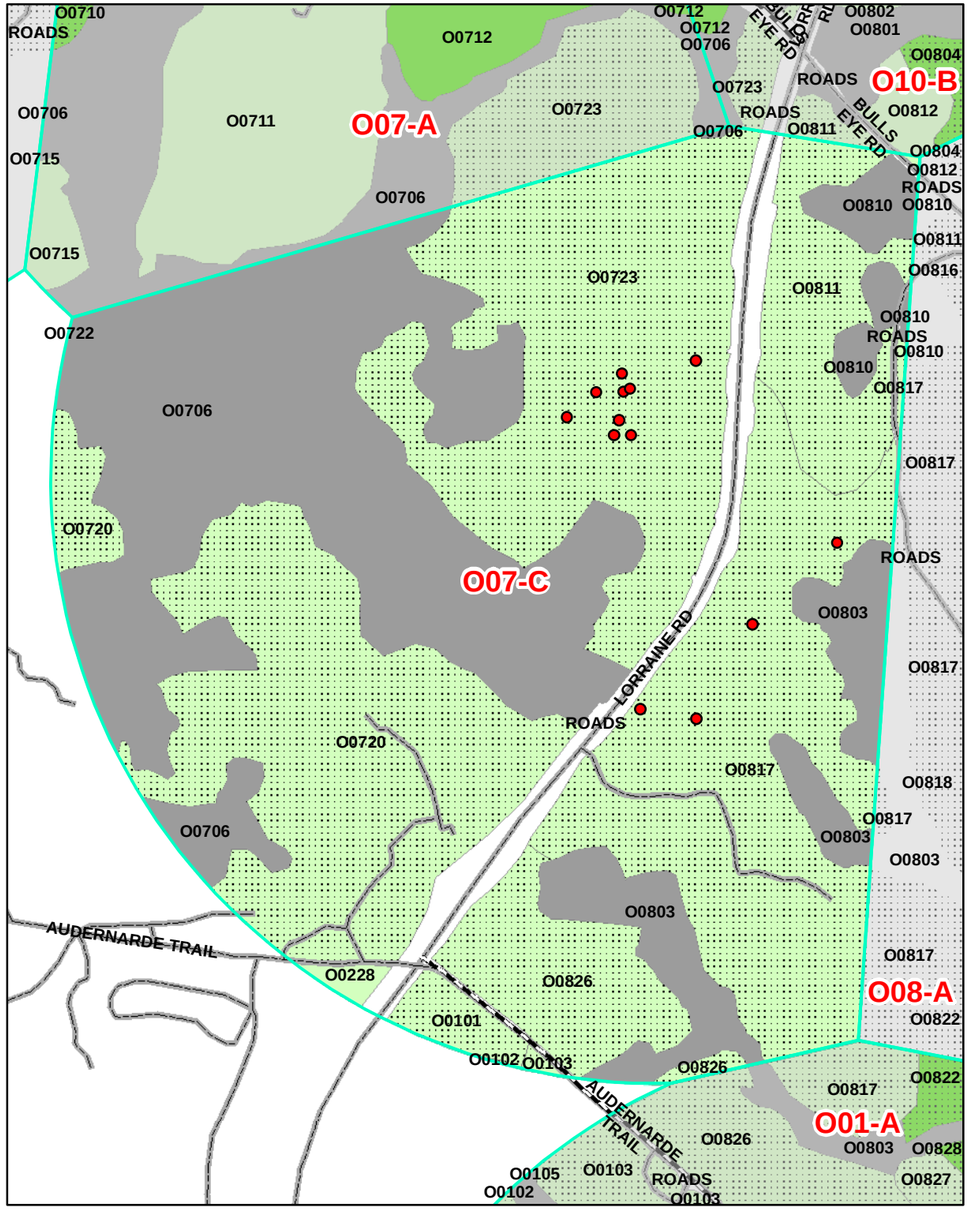
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

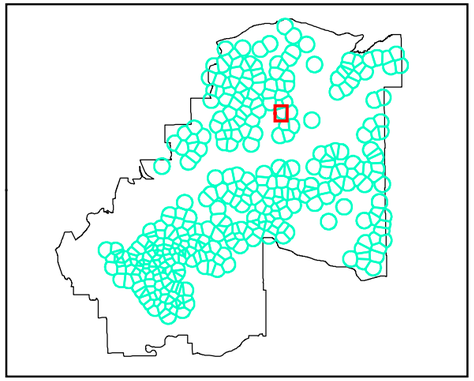
Appendix F. Figure 71. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O07-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







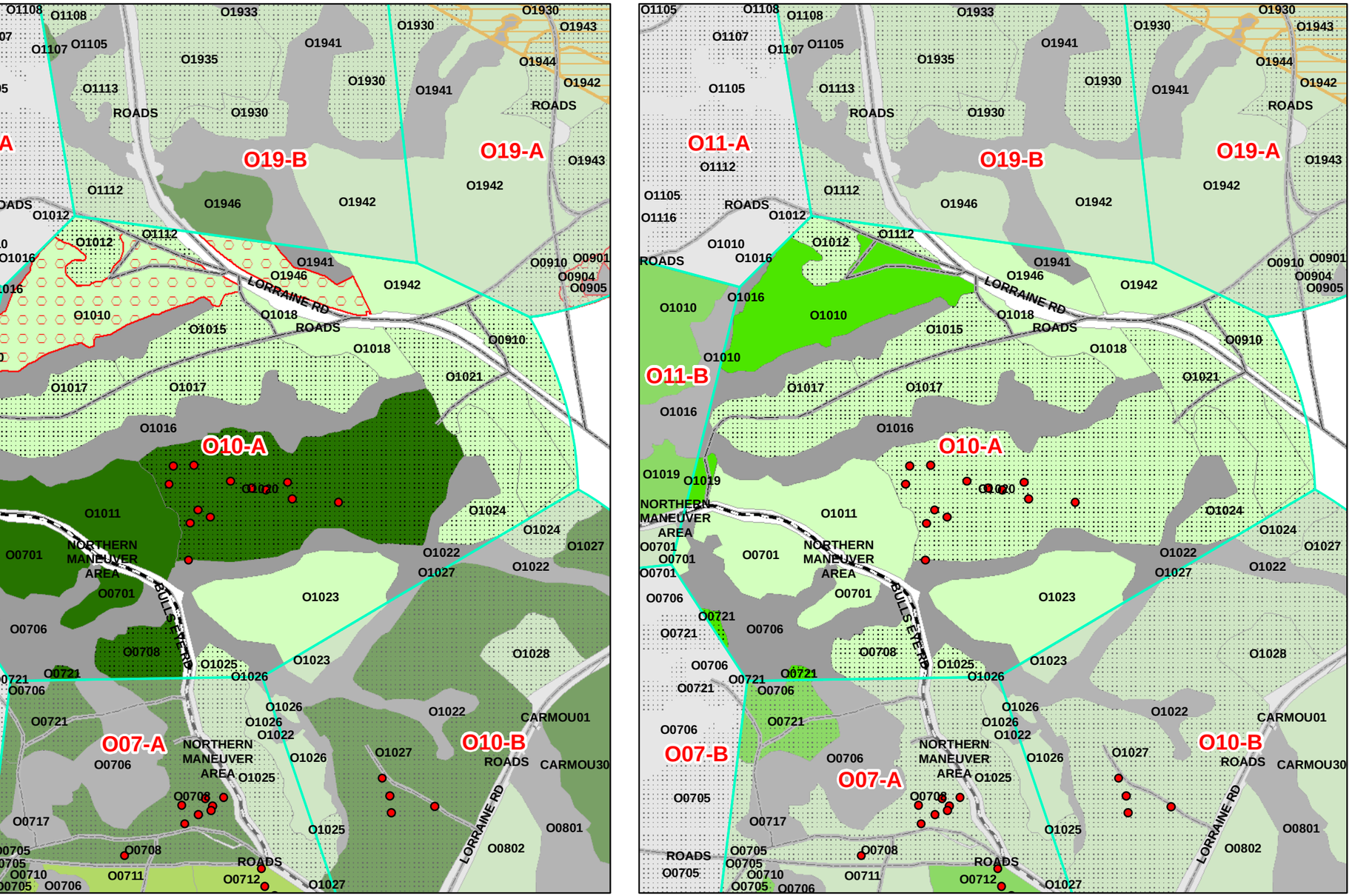
Cluster Location

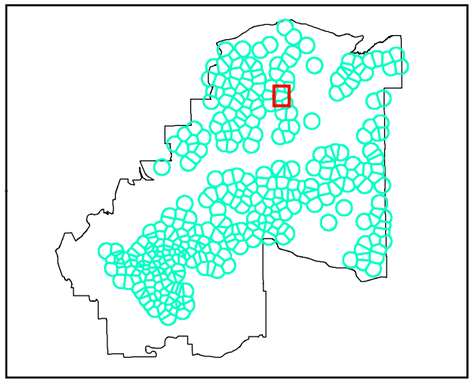
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 72. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O07-C** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





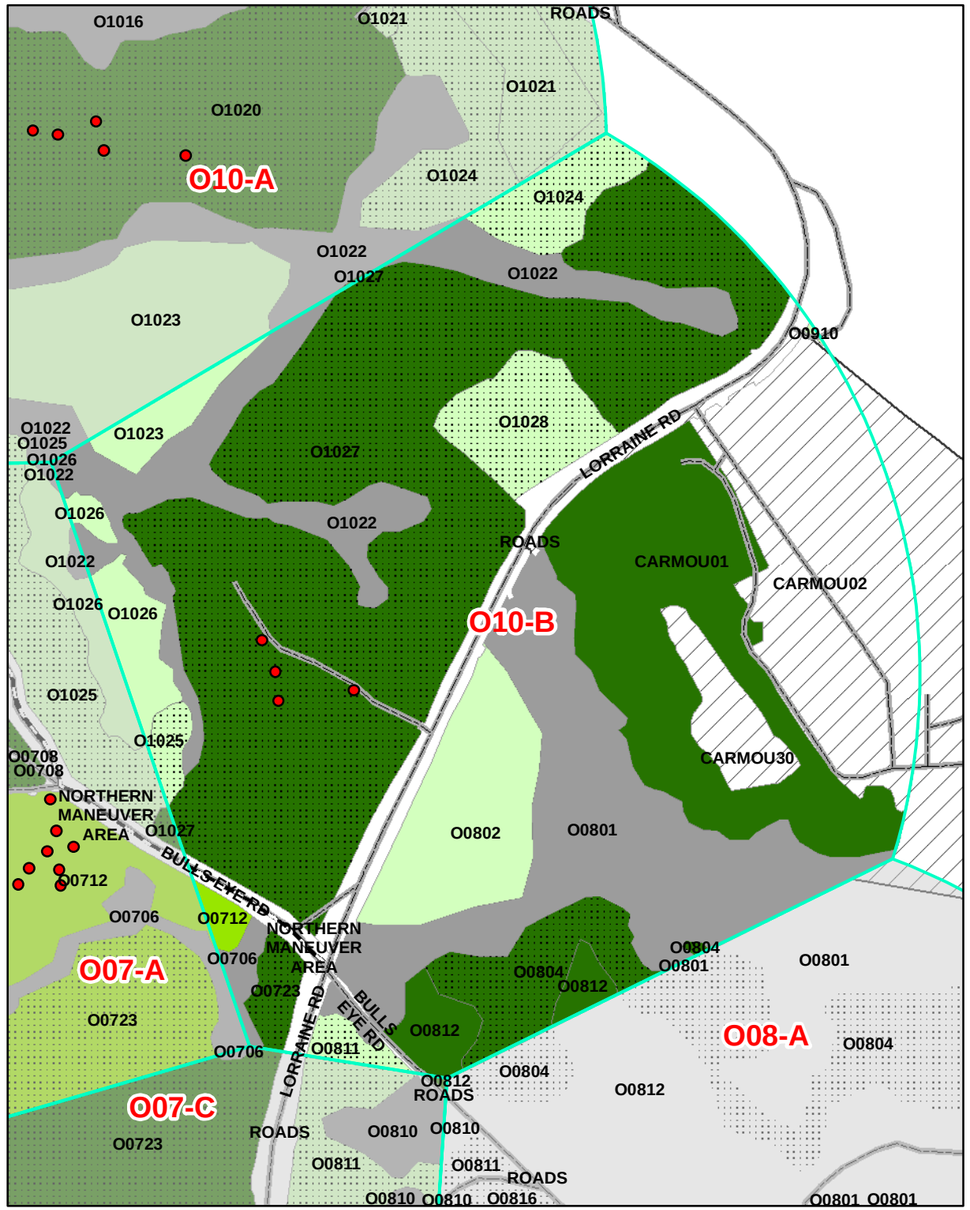
Cluster Location

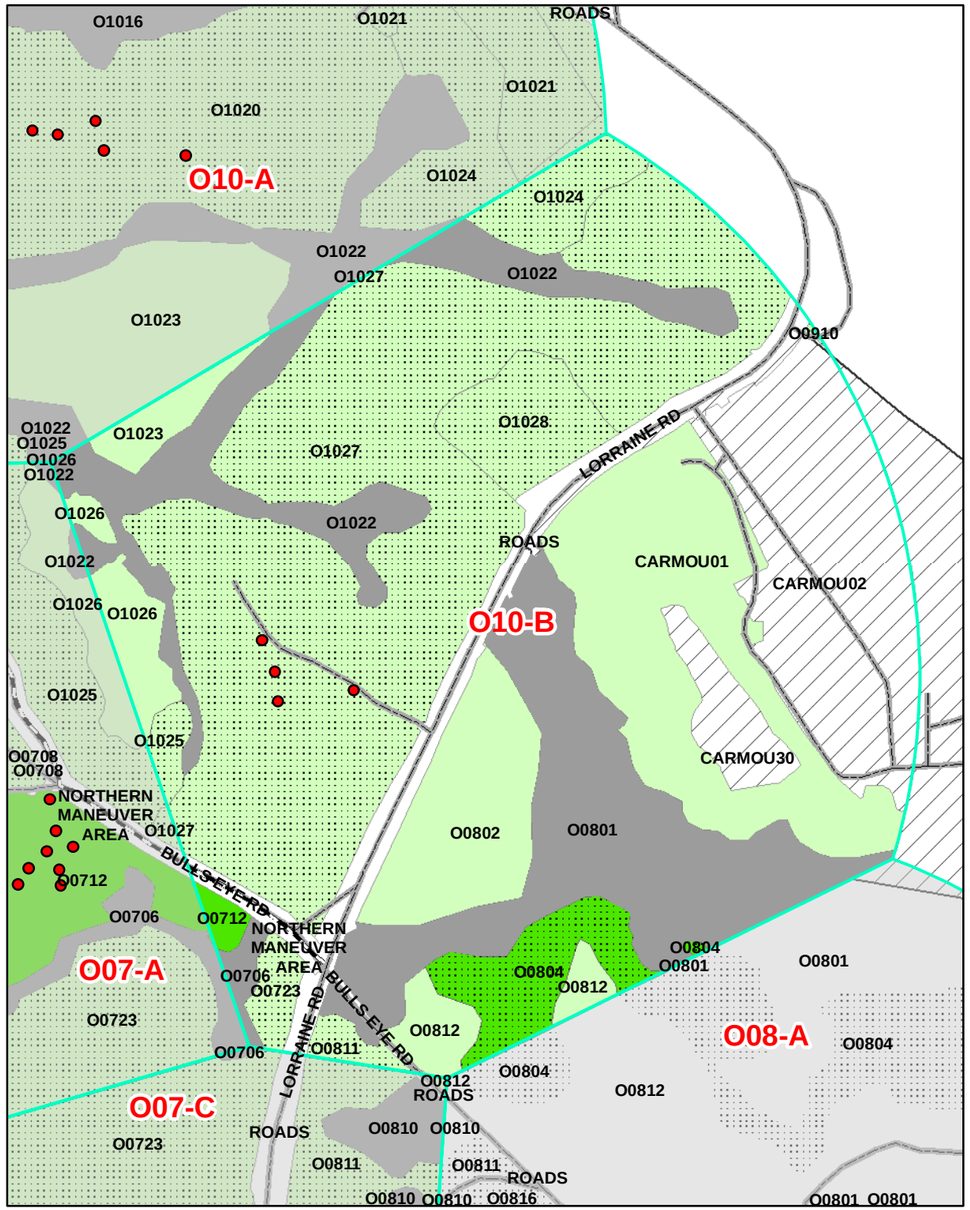
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

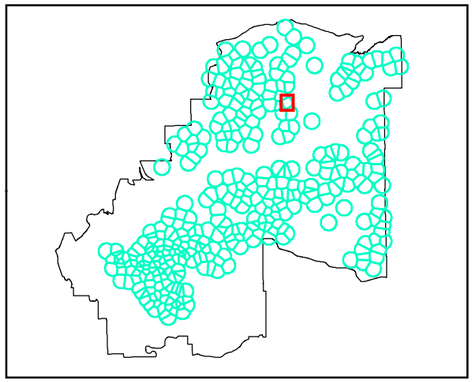
Appendix F. Figure 73. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O10-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

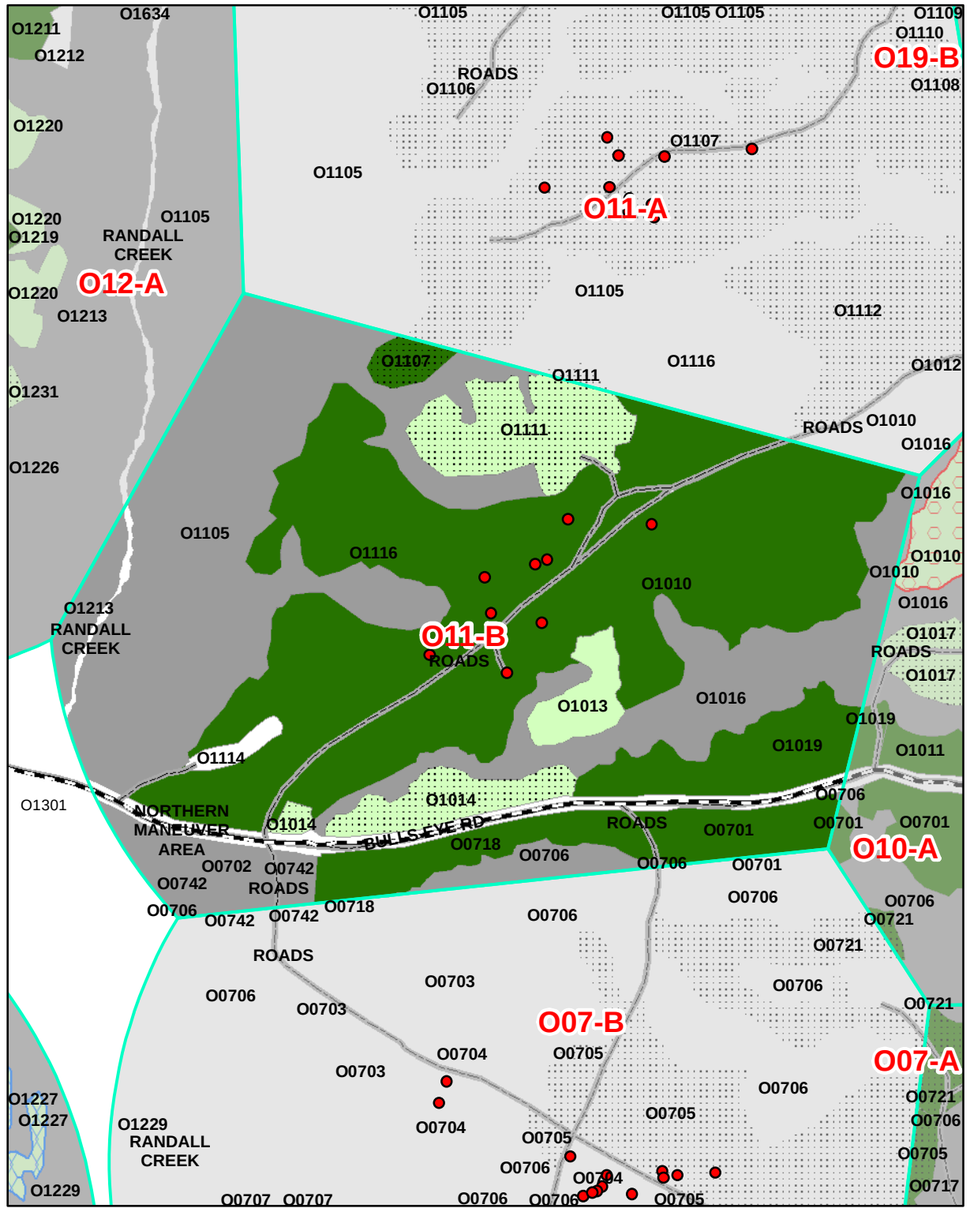
1,500 750 0 1,500 Feet

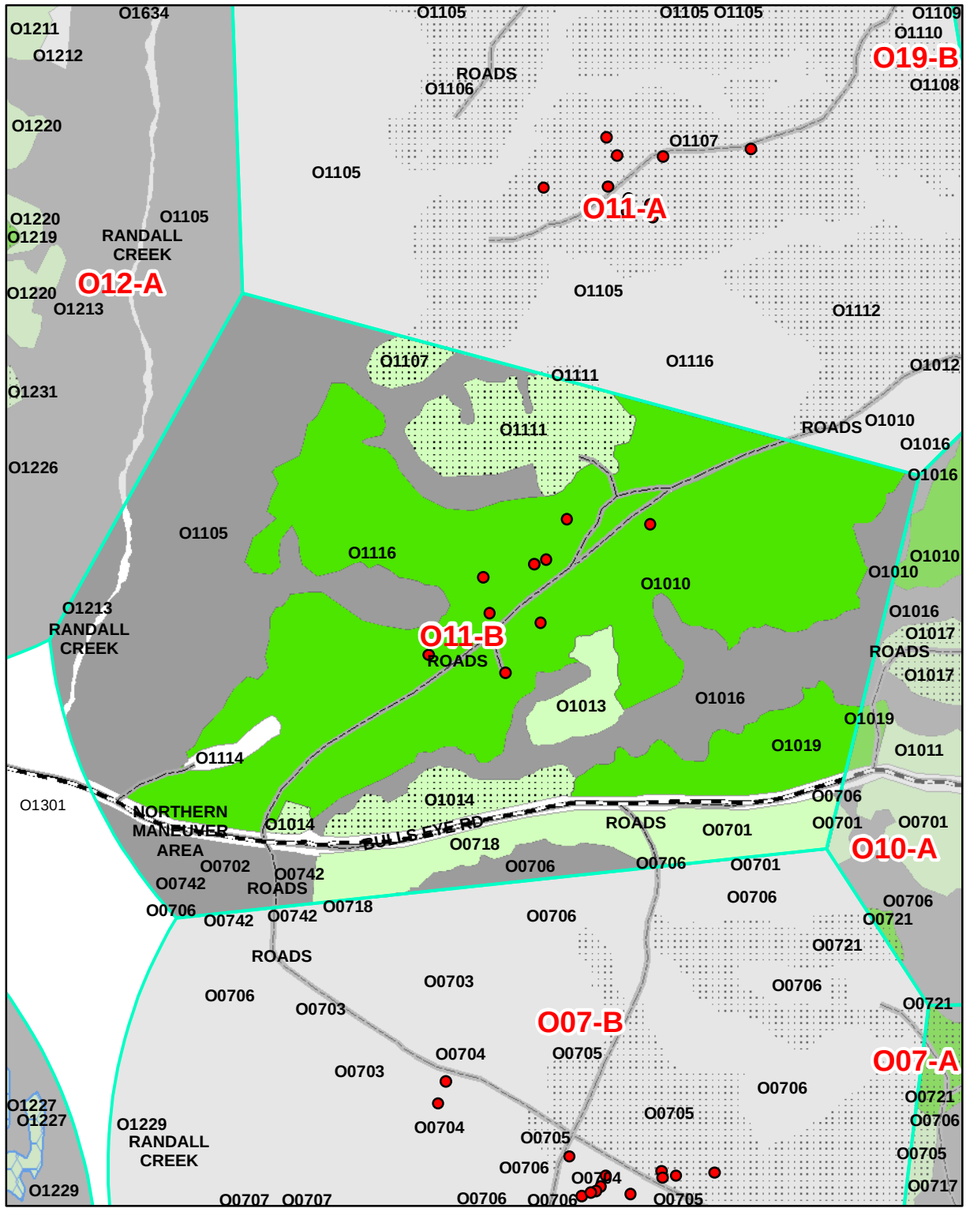
N W E S

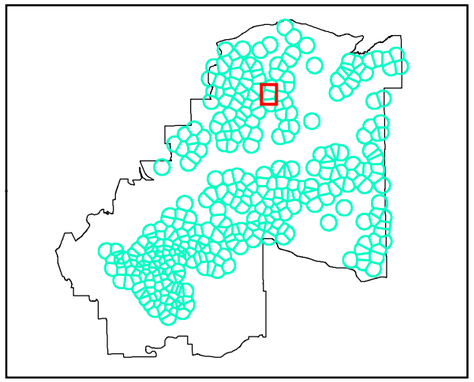
Appendix F. Figure 74. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O10-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

1,750 875 0 1,750 Feet

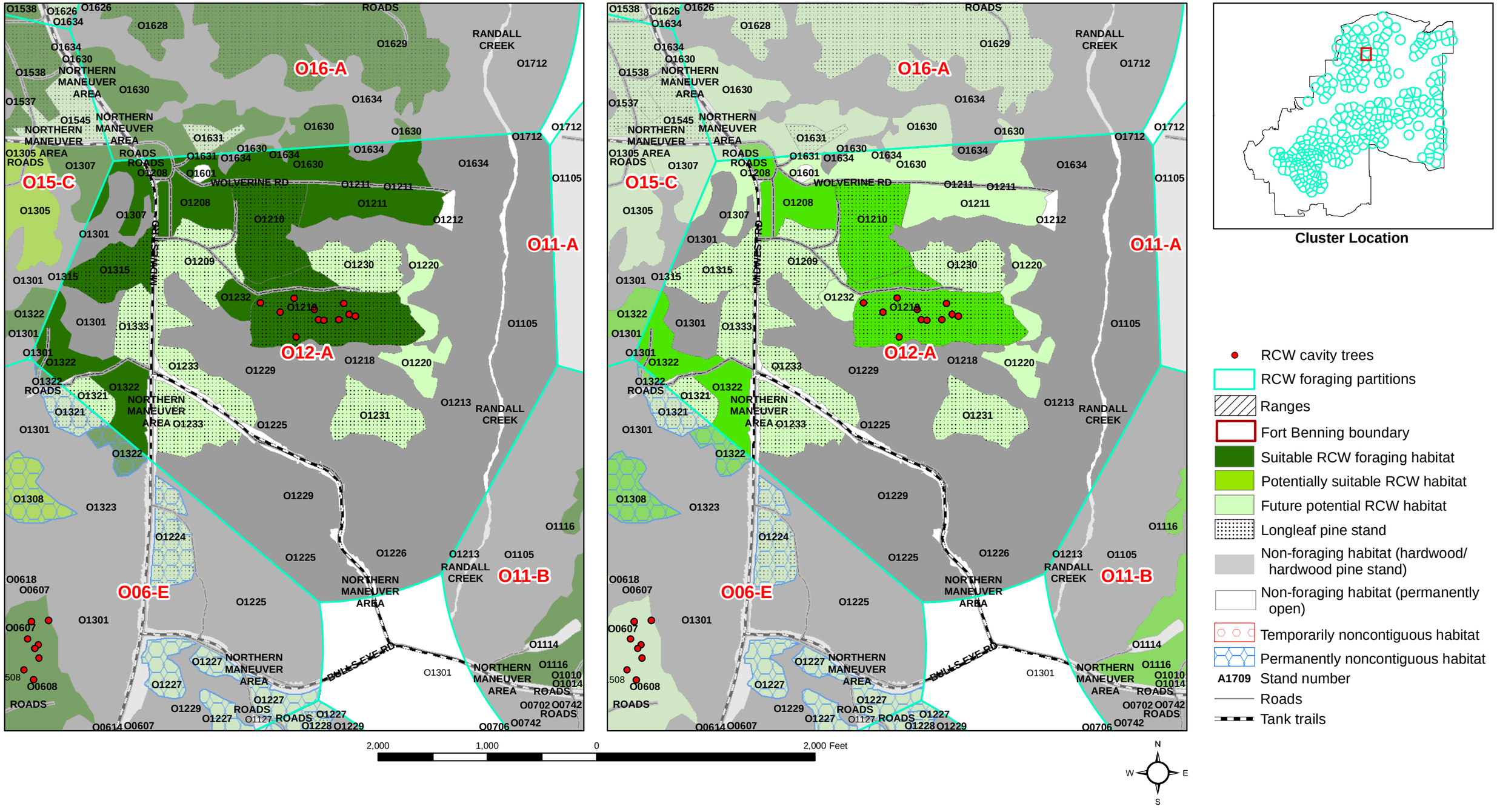
N
W E
S

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 75. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O11-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



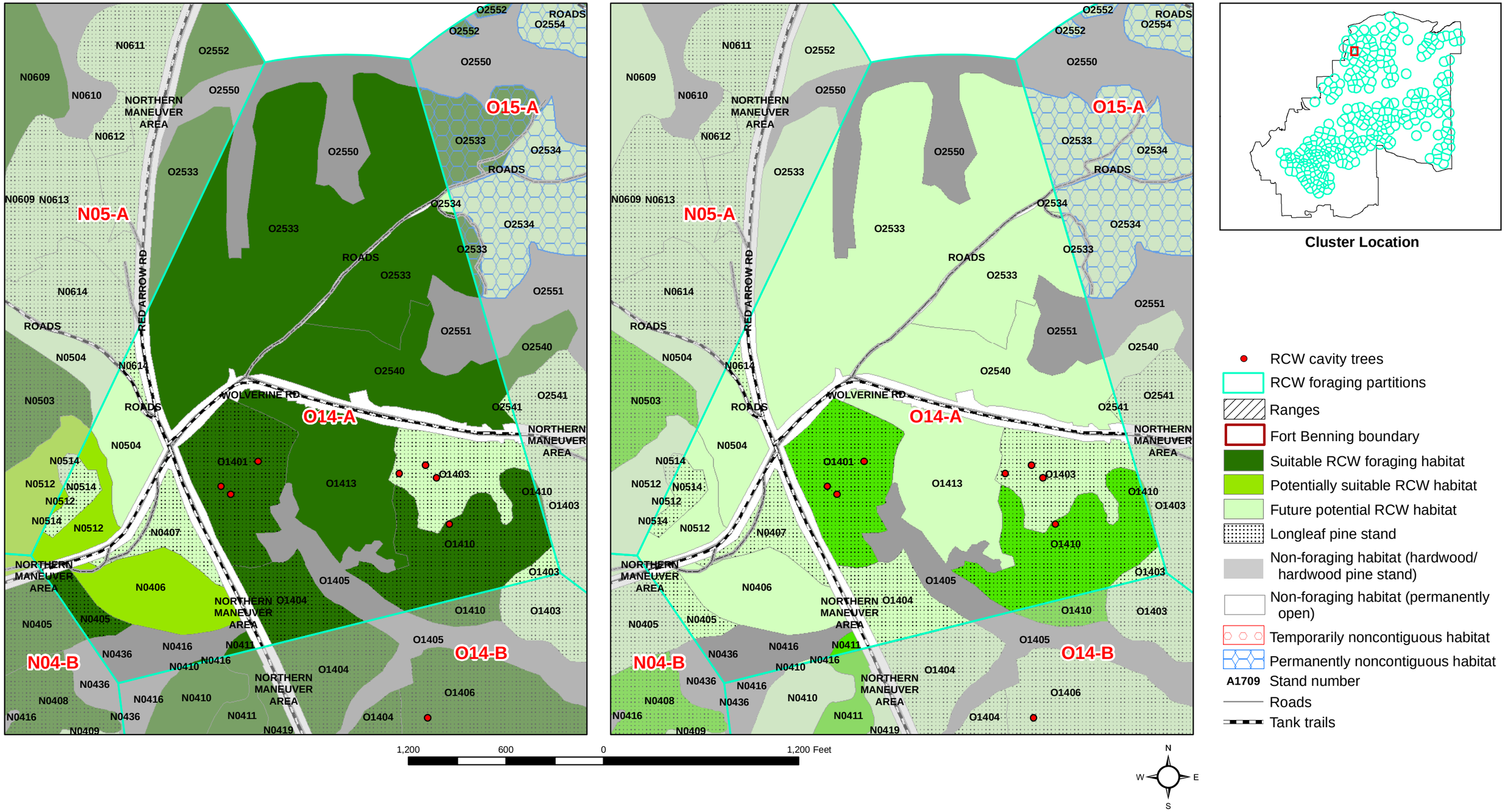
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 76. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O12-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



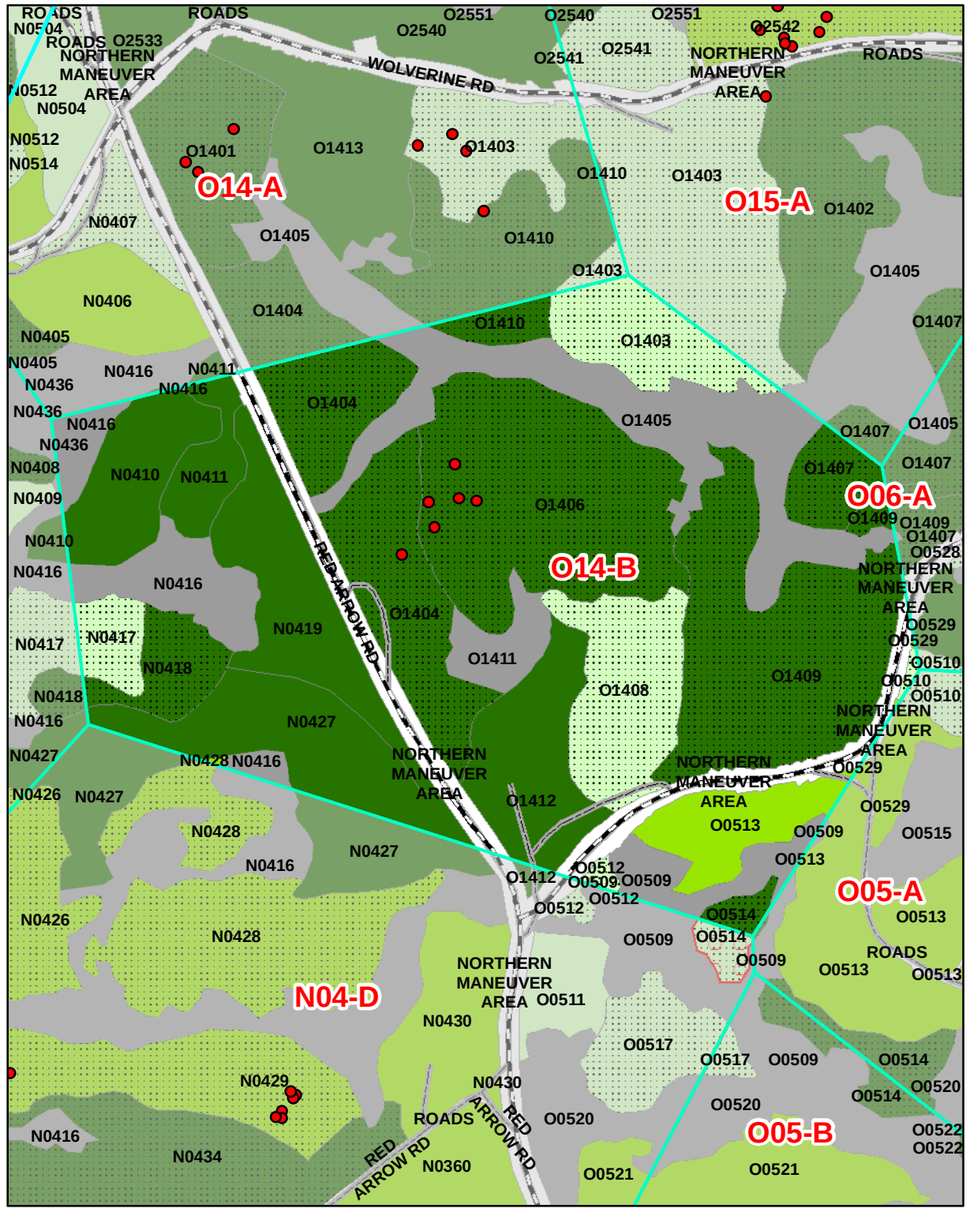
Cluster Location

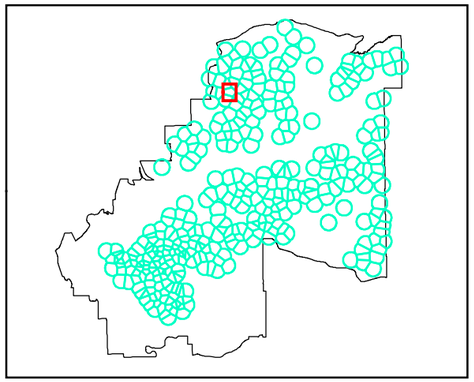
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 77. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O14-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

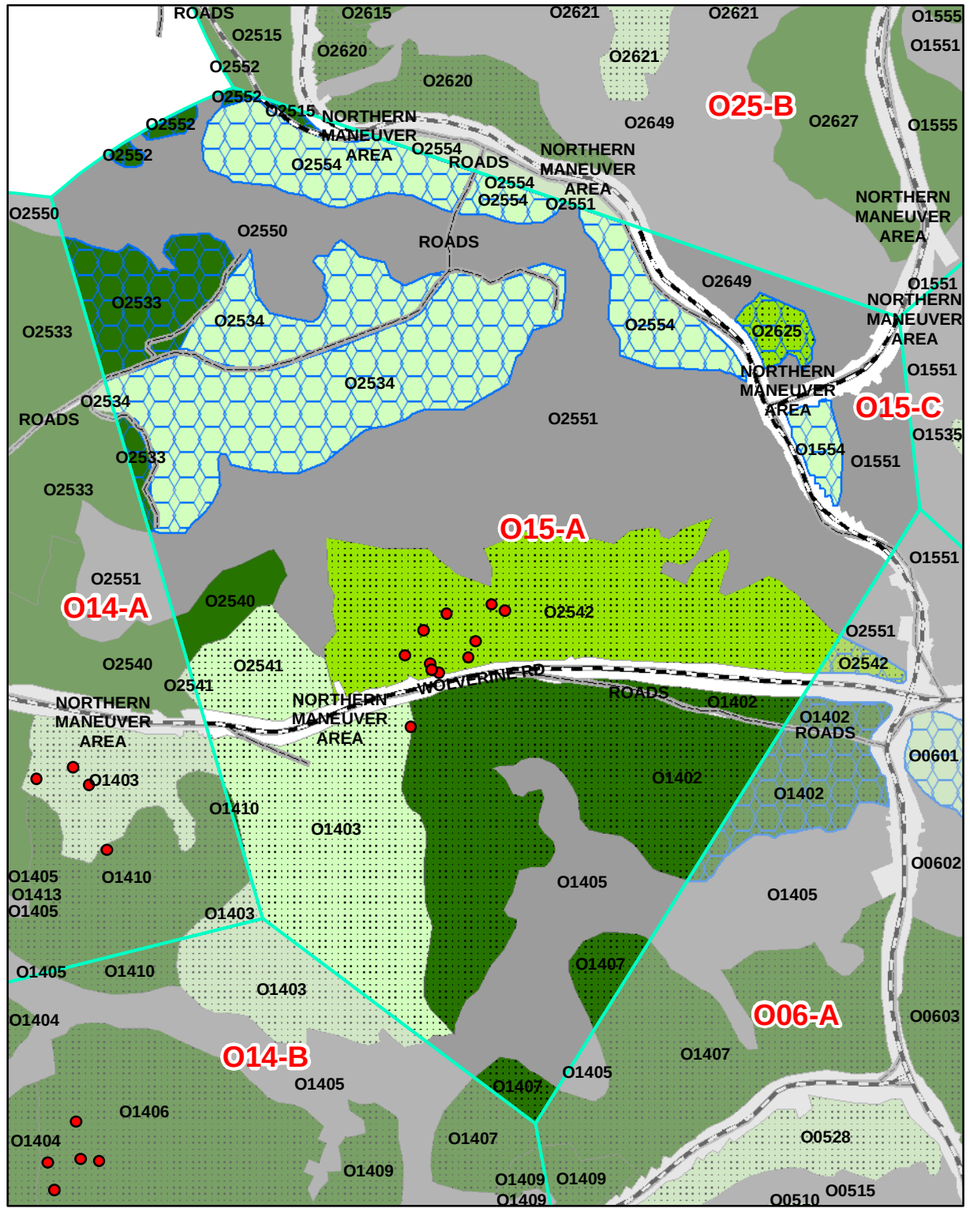
1,500 750 0 1,500 Feet

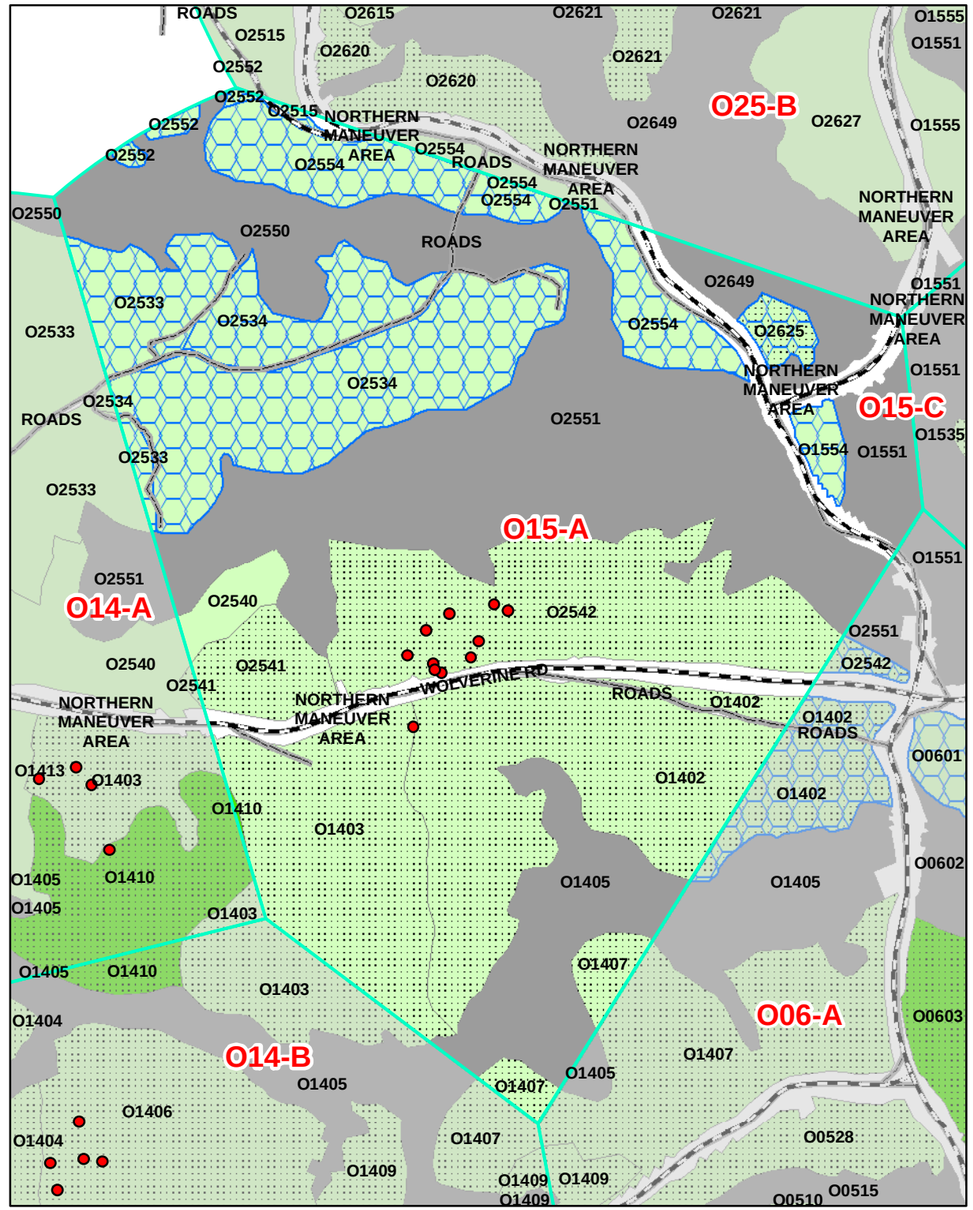
N W E S

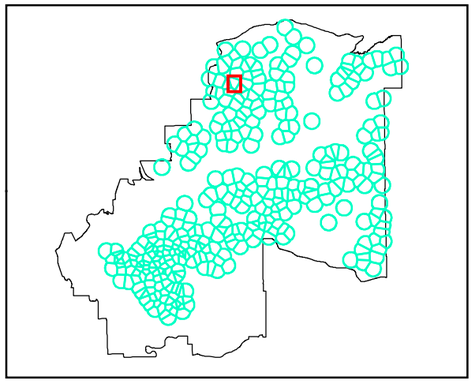
Appendix F. Figure 78. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O14-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003) for enhanced training at Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

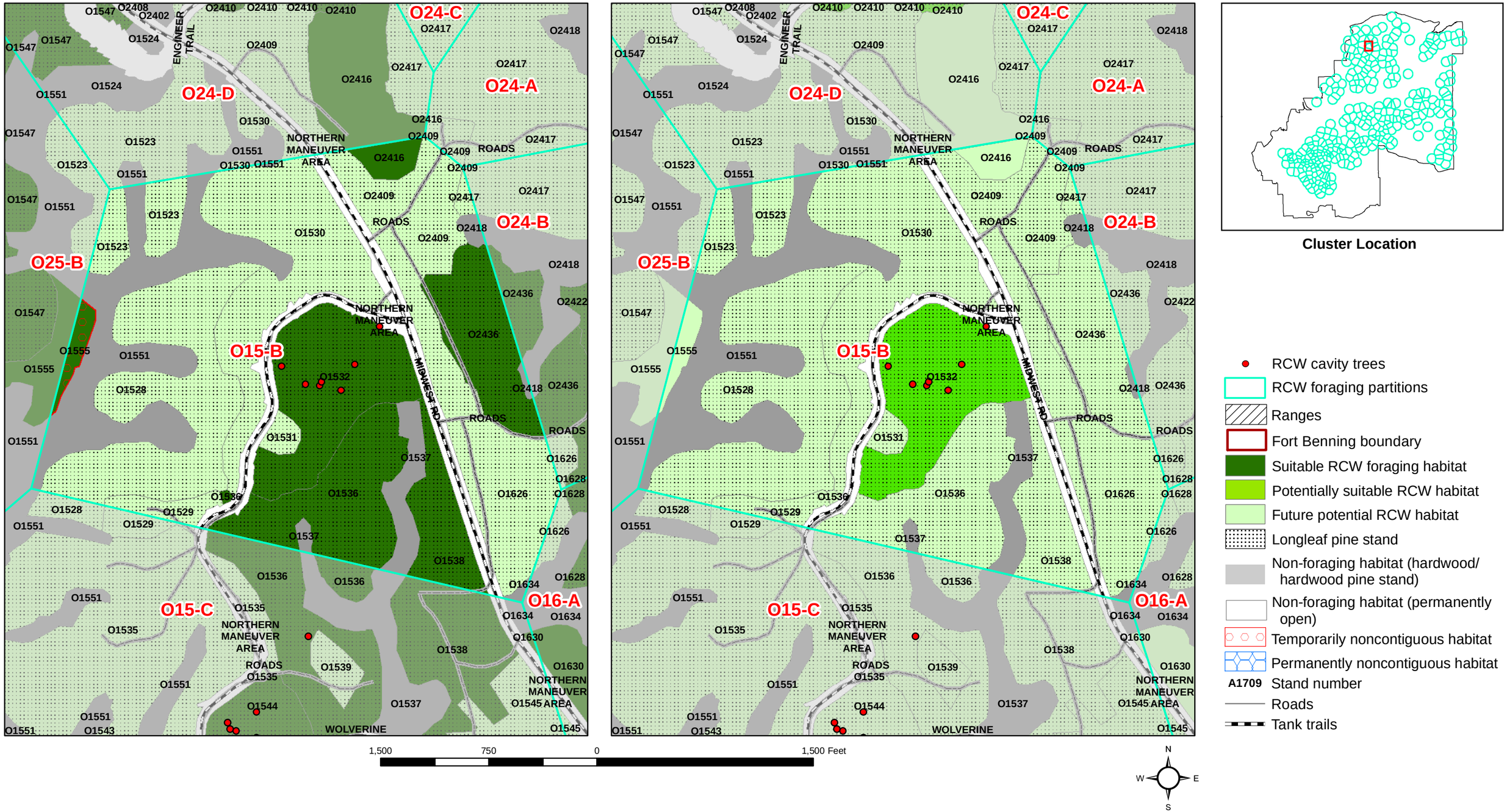
1,500 750 0 1,500 Feet

N W E S

Appendix F. Figure 79. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O15-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



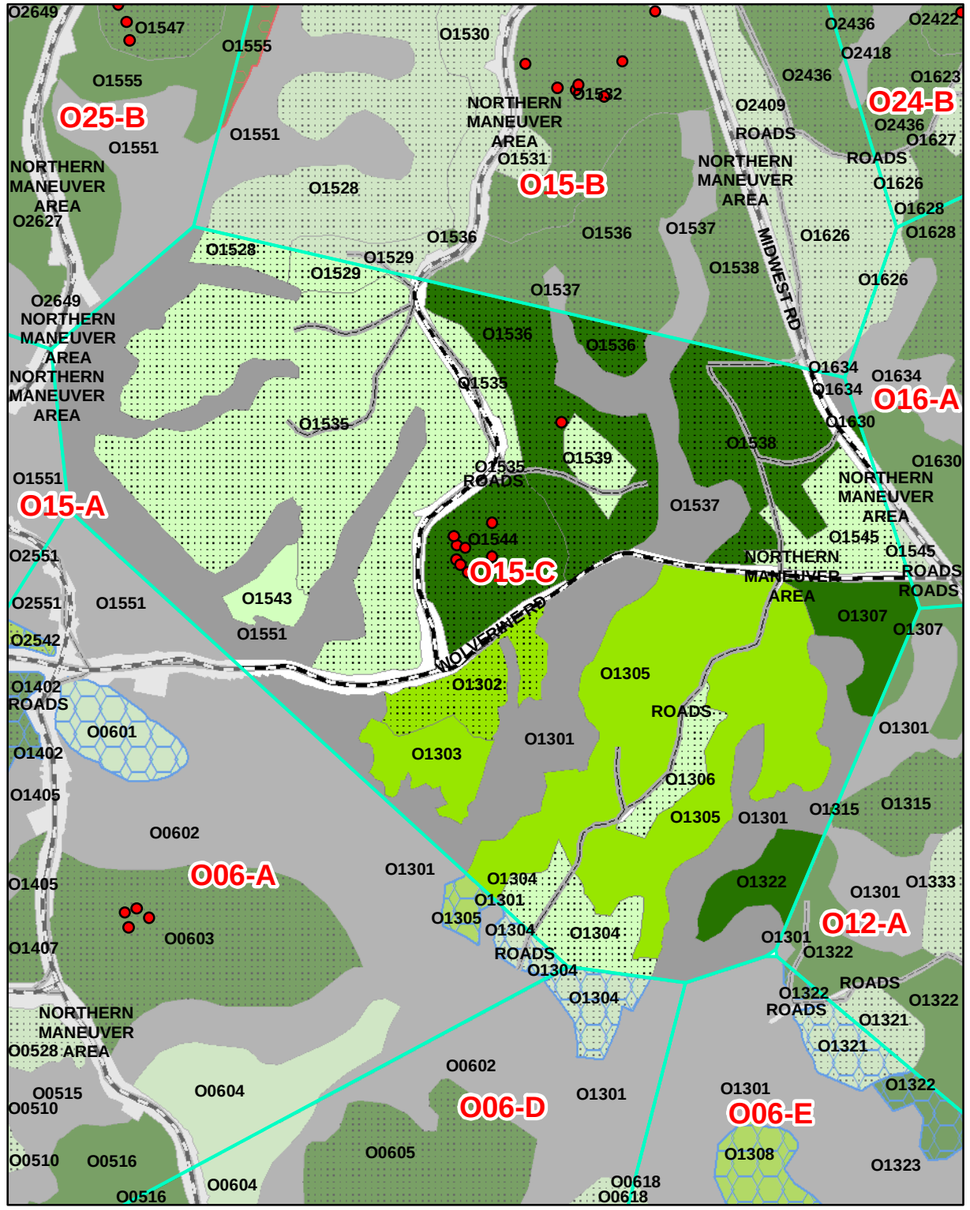
Cluster Location

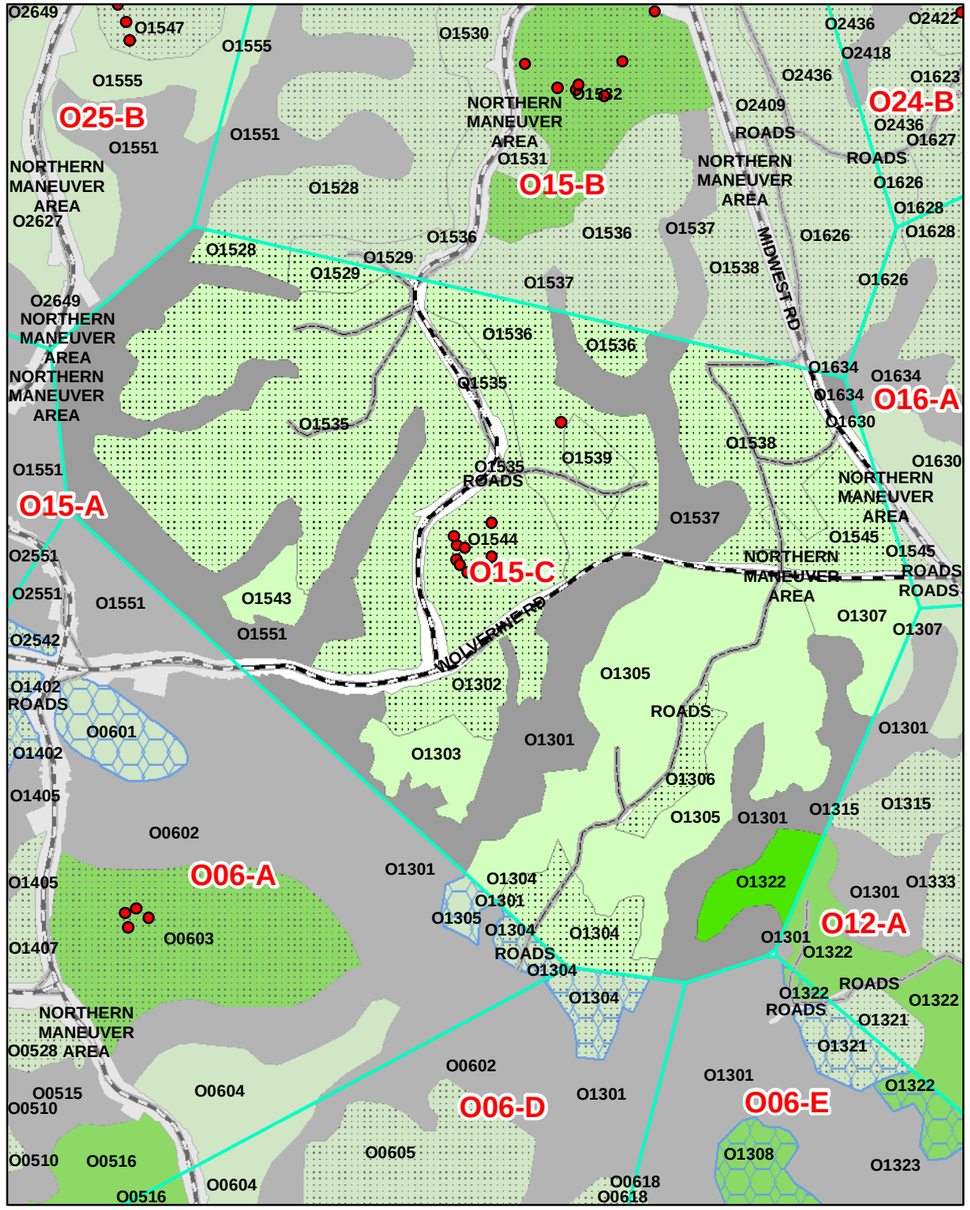
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

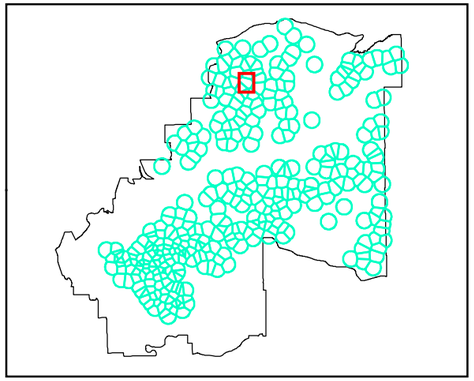
Appendix F. Figure 80. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O15-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

1,600 800 0 1,600 Feet

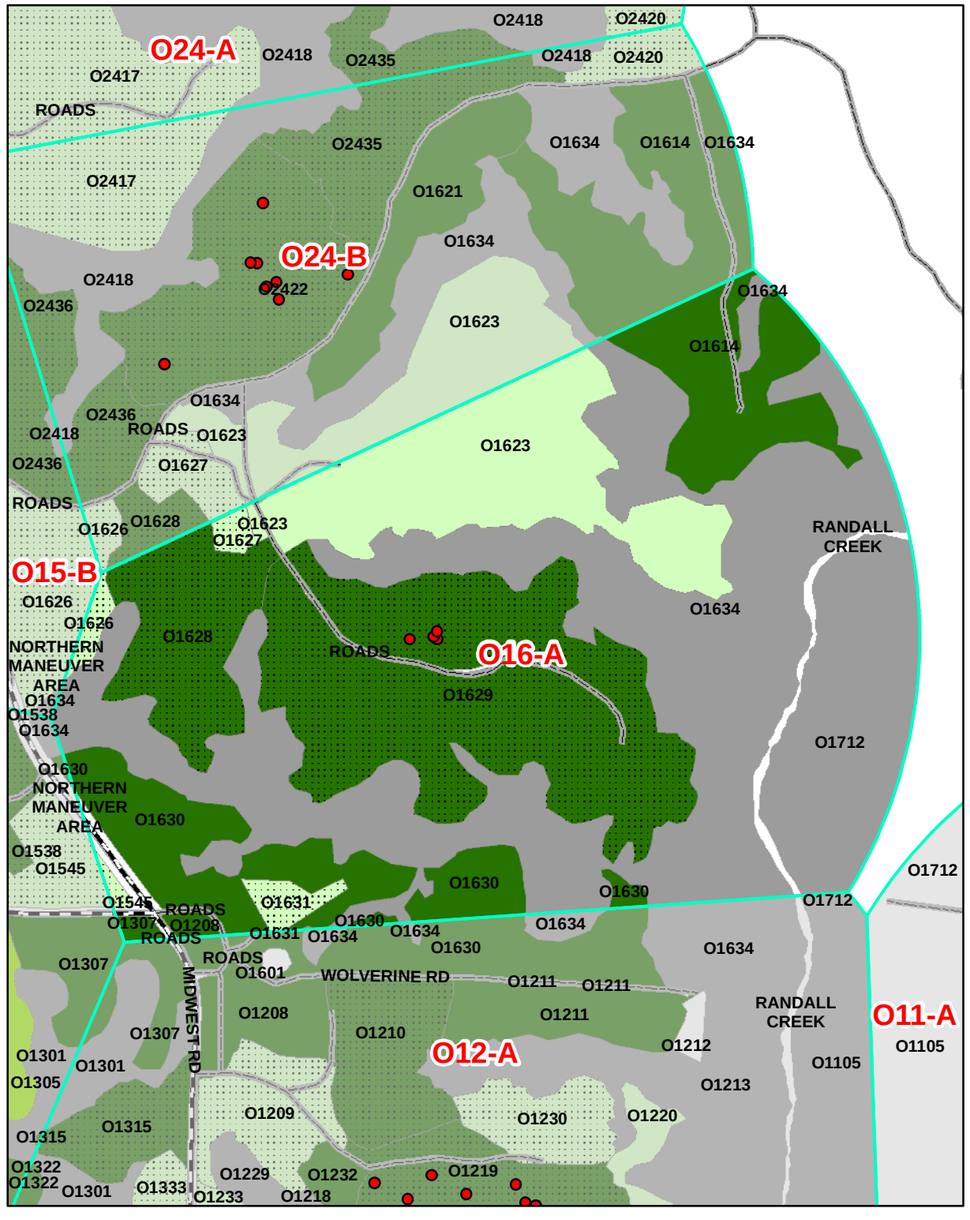
N
W E
S

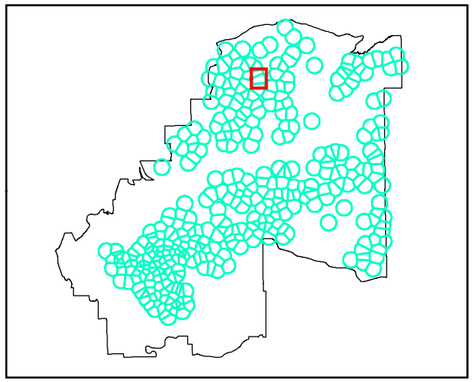
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 81. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O15-C** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

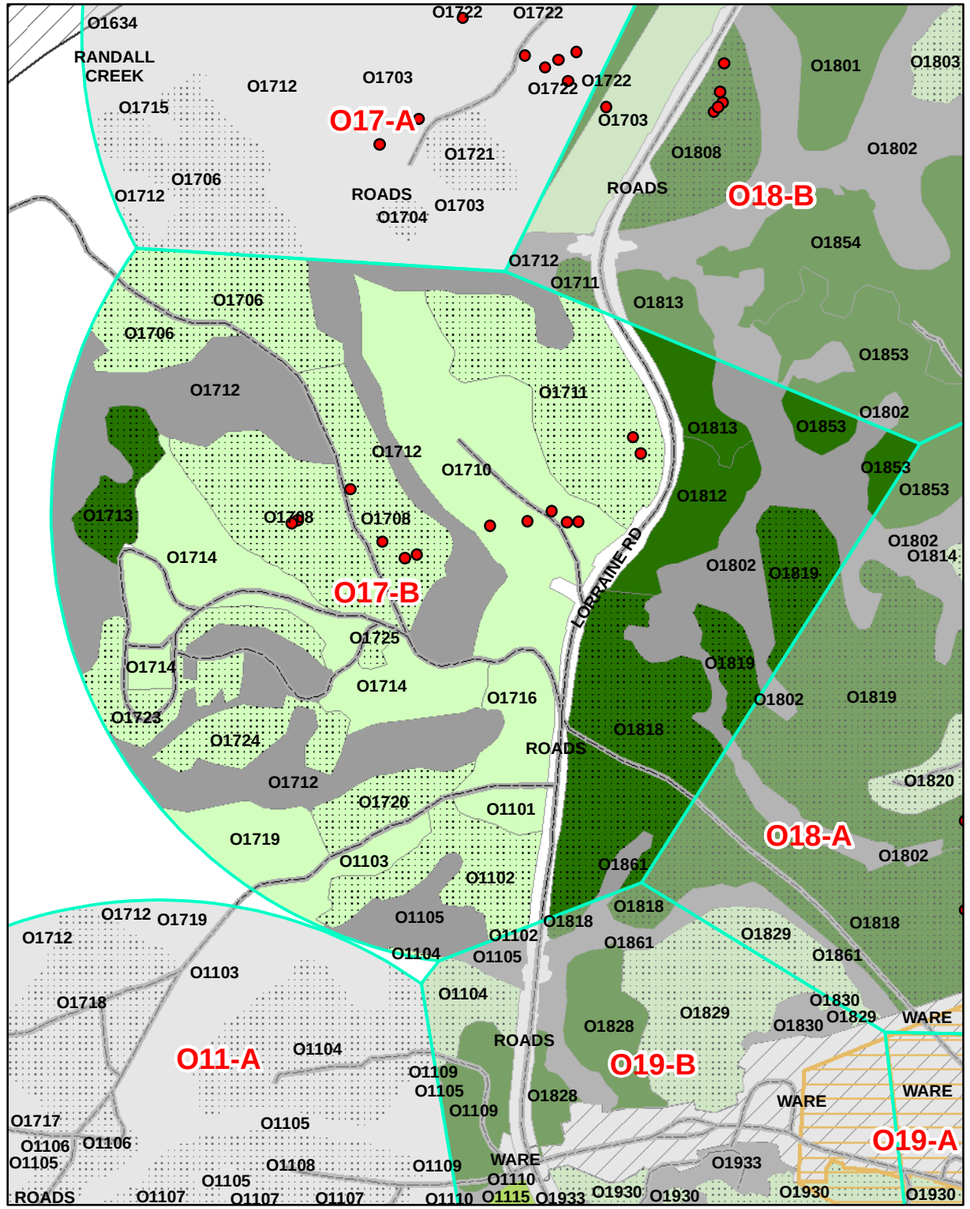
1,700 850 0 1,700 Feet

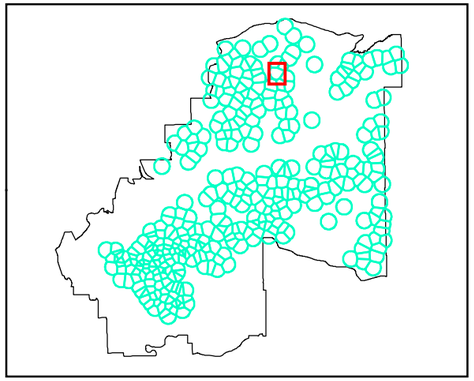
N W E S

Appendix F. Figure 82. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O16-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





Cluster Location

- RCW cavity trees
- RCW foarging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

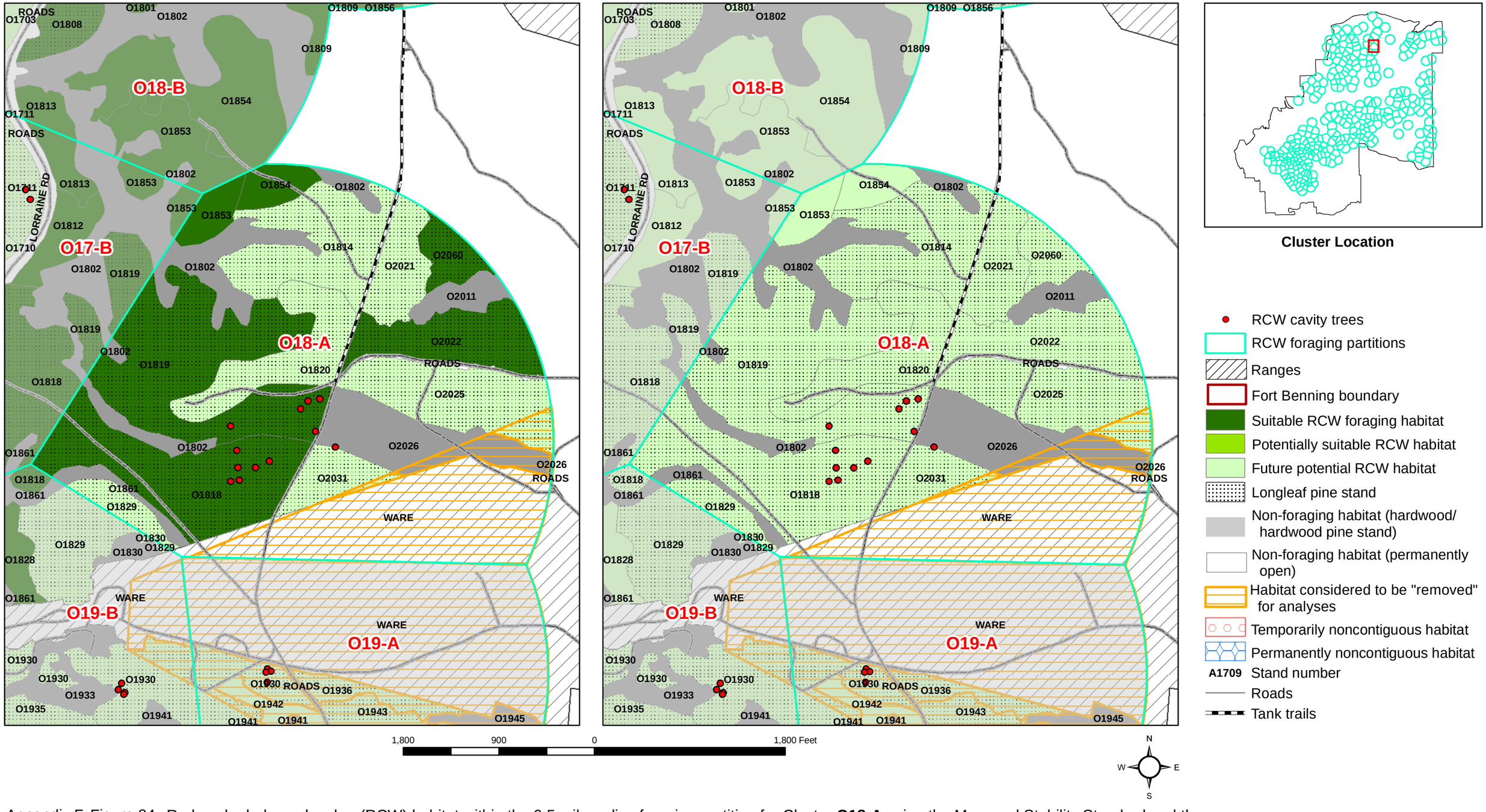
2,000 1,000 0 2,000 Feet

N W E S

Appendix F. Figure 83. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O17-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

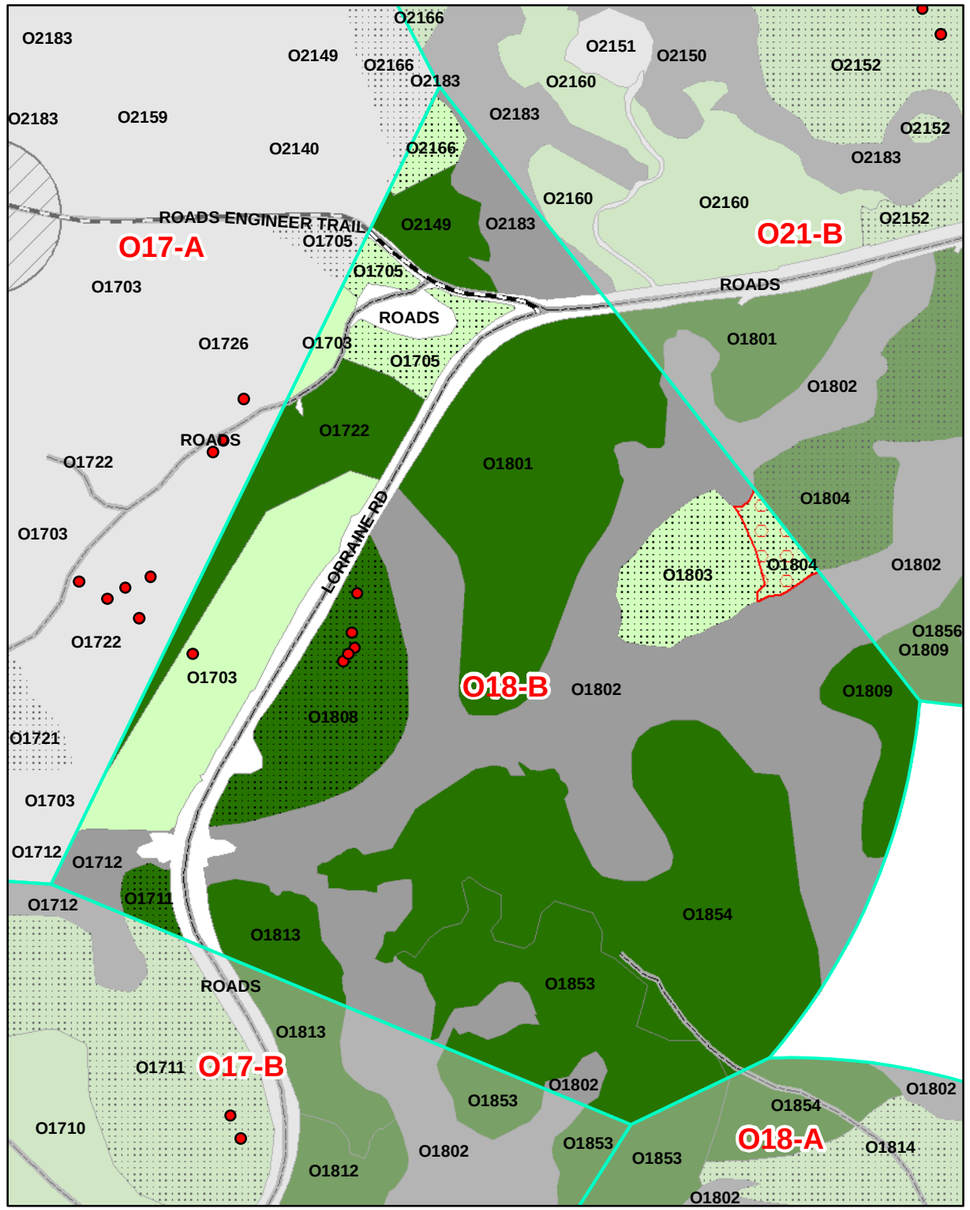
1,800 900 0 1,800 Feet

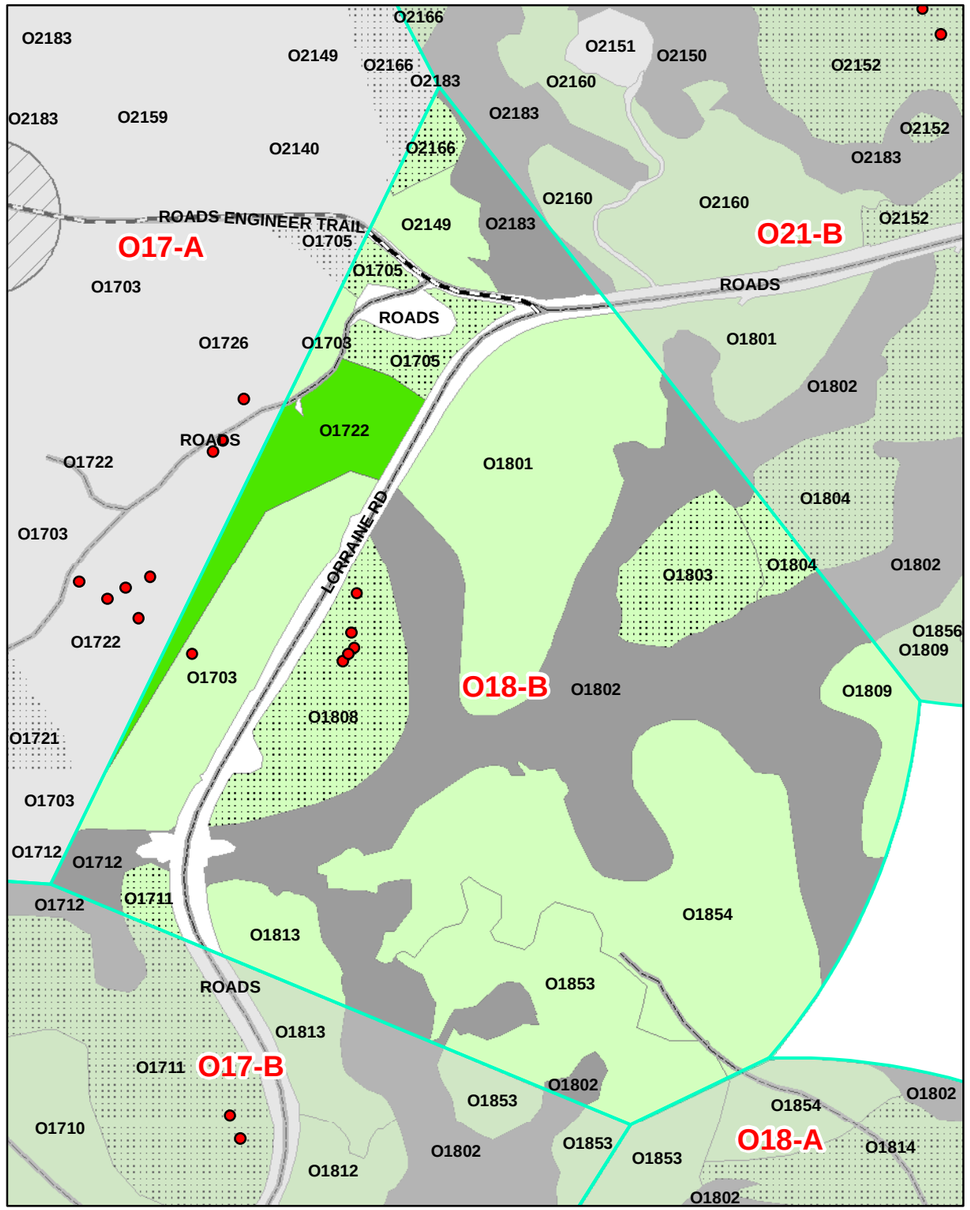
N W E S

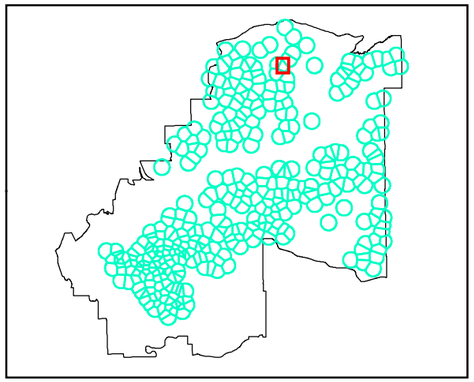
Appendix F. Figure 84. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O18-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

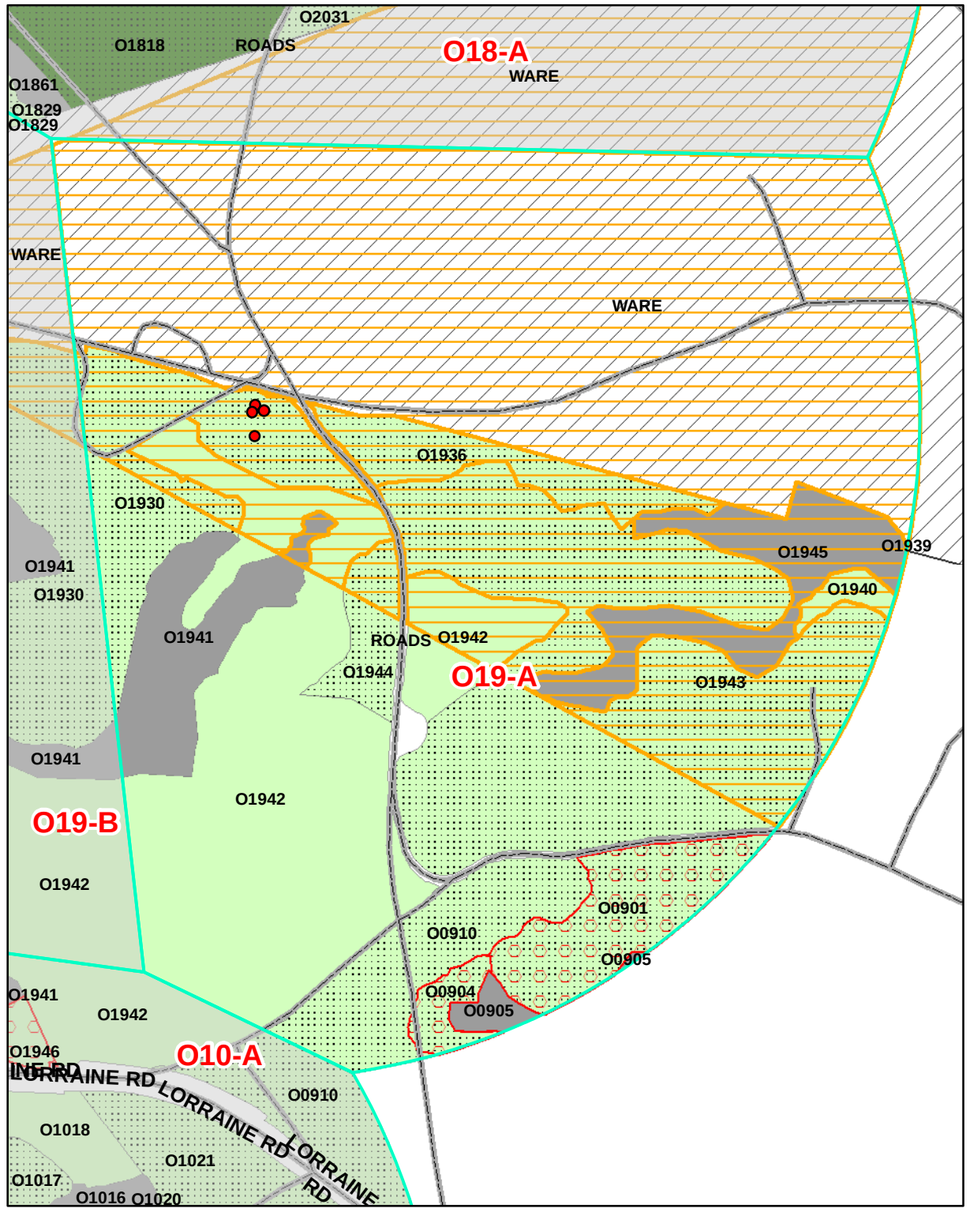
1,500 750 0 1,500 Feet

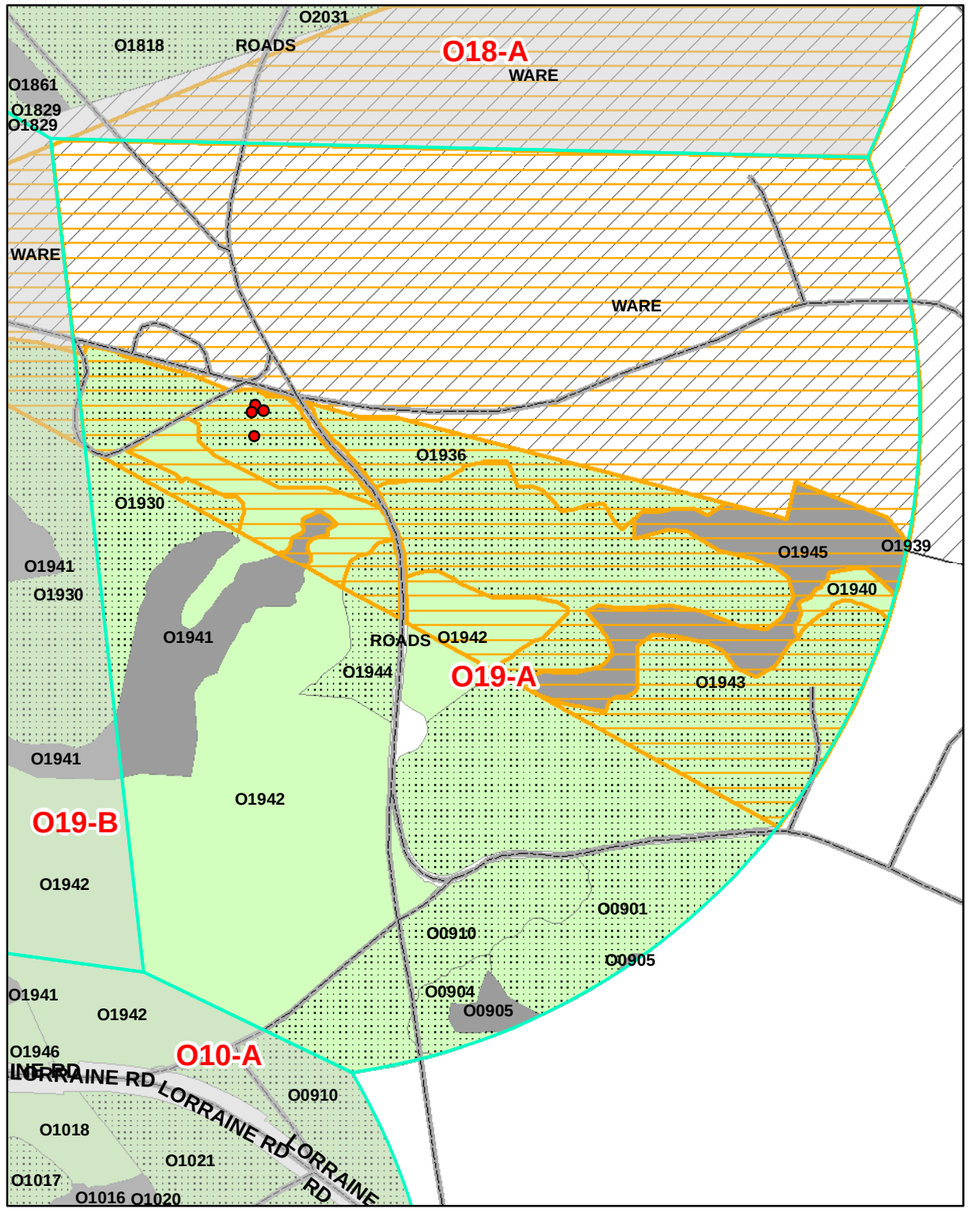
N W E S

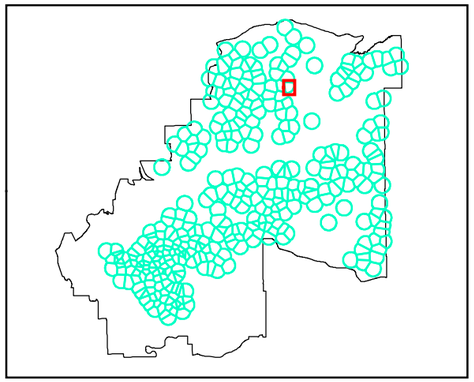
Appendix F. Figure 85. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O18-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

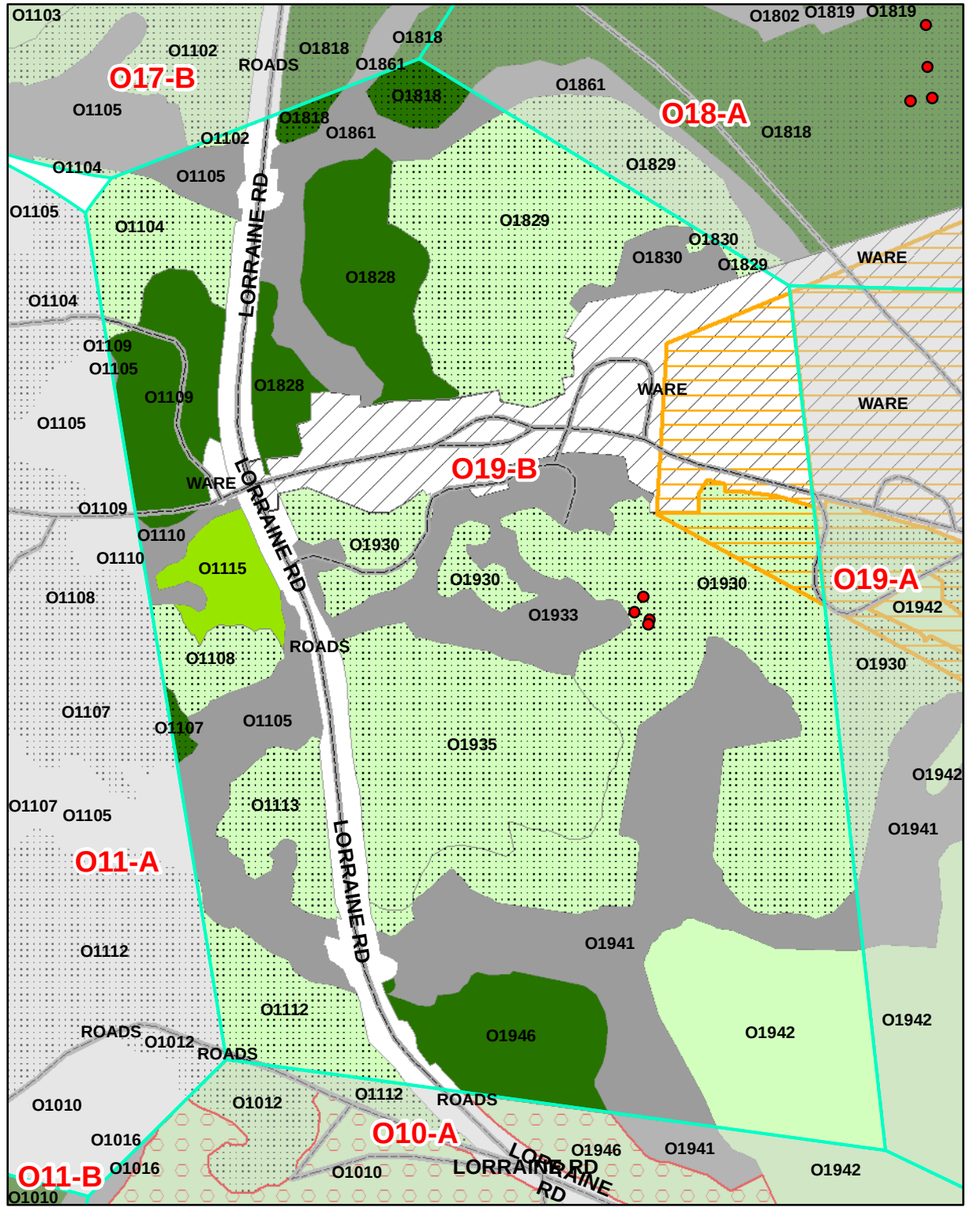
1,250 625 0 1,250 Feet

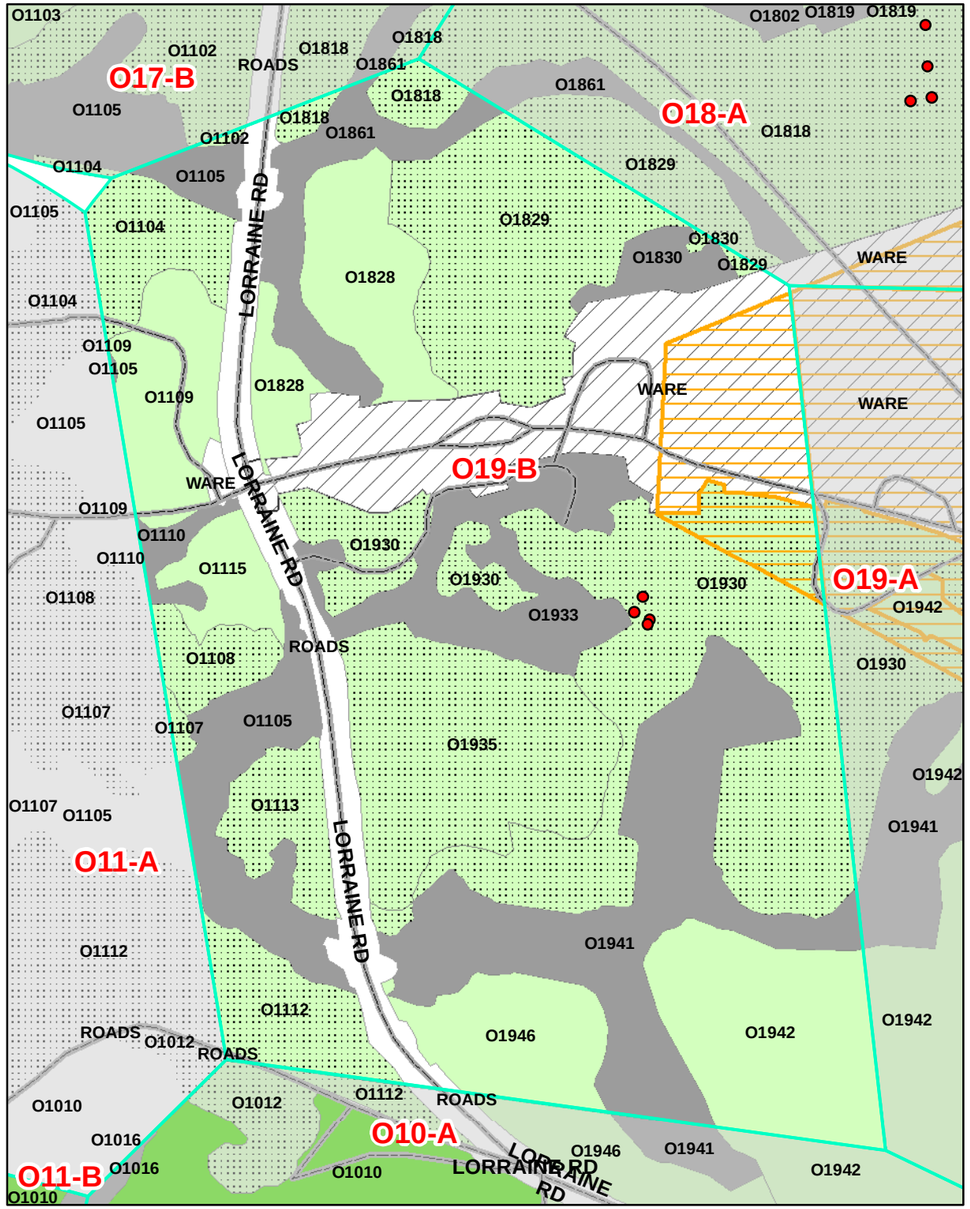
N W E S

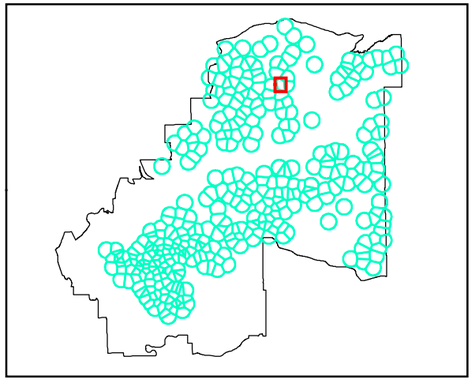
Appendix F. Figure 86. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O19-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

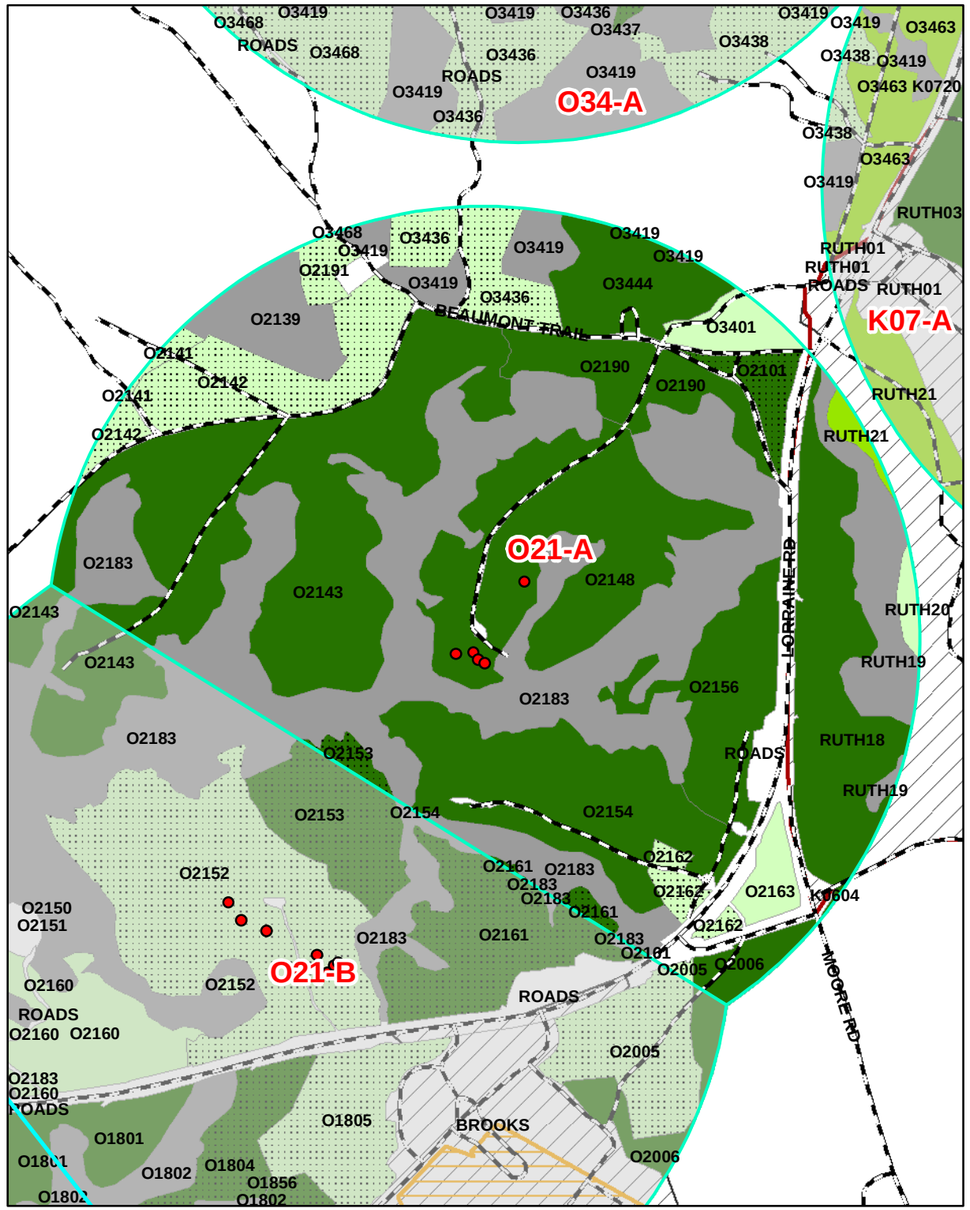
1,250 625 0 1,250 Feet

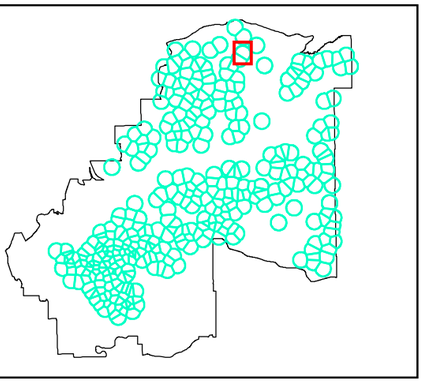
N W E S

Appendix F. Figure 87. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O19-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

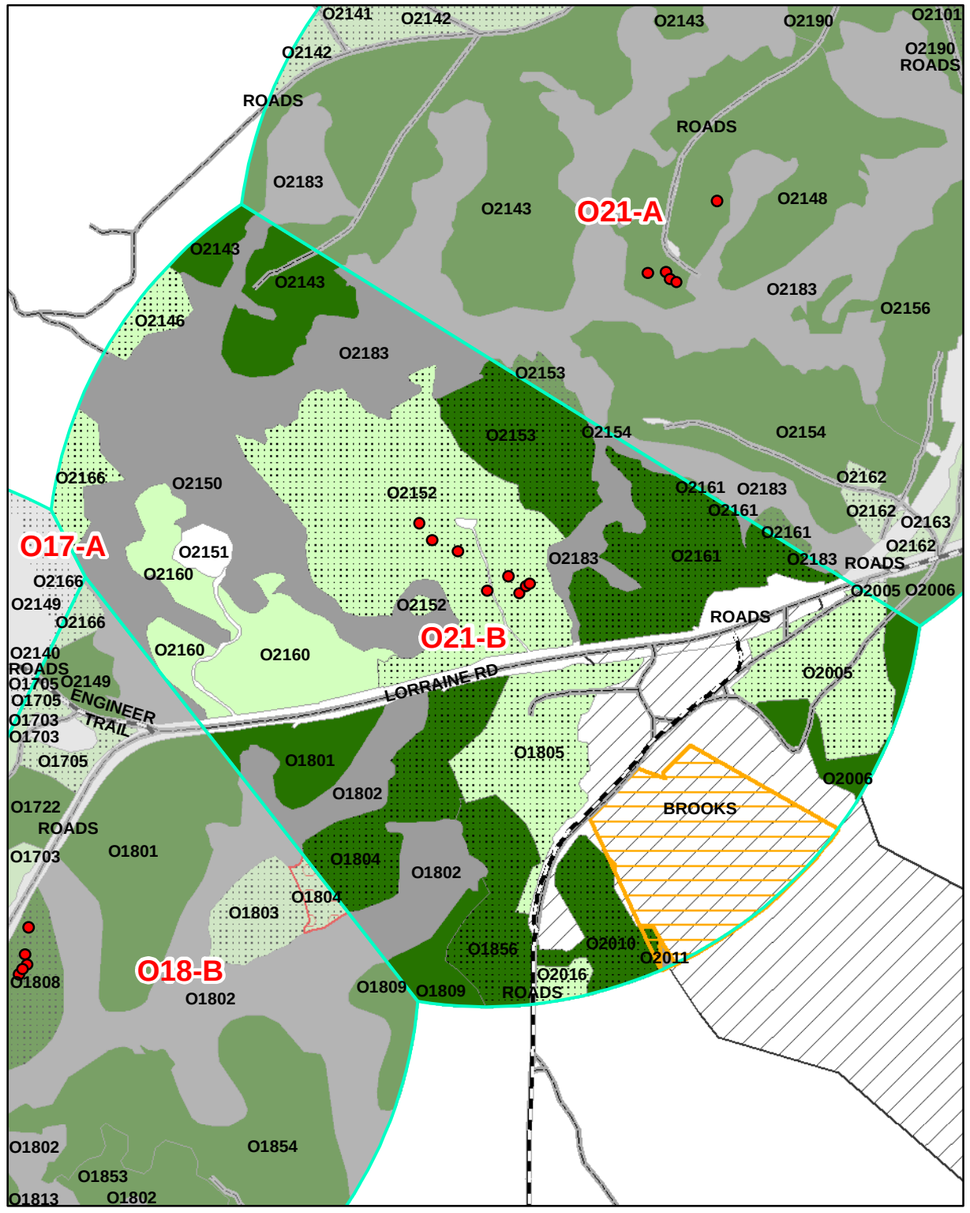
1,900 950 0 1,900 Feet

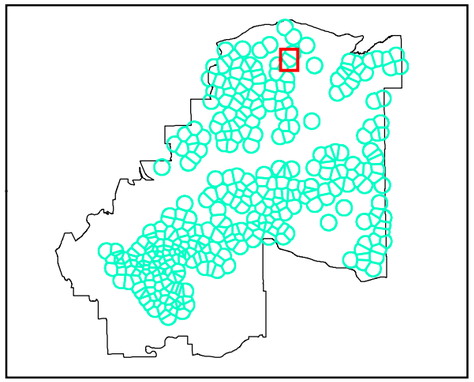
N W E S

Appendix F. Figure 88. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O21-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

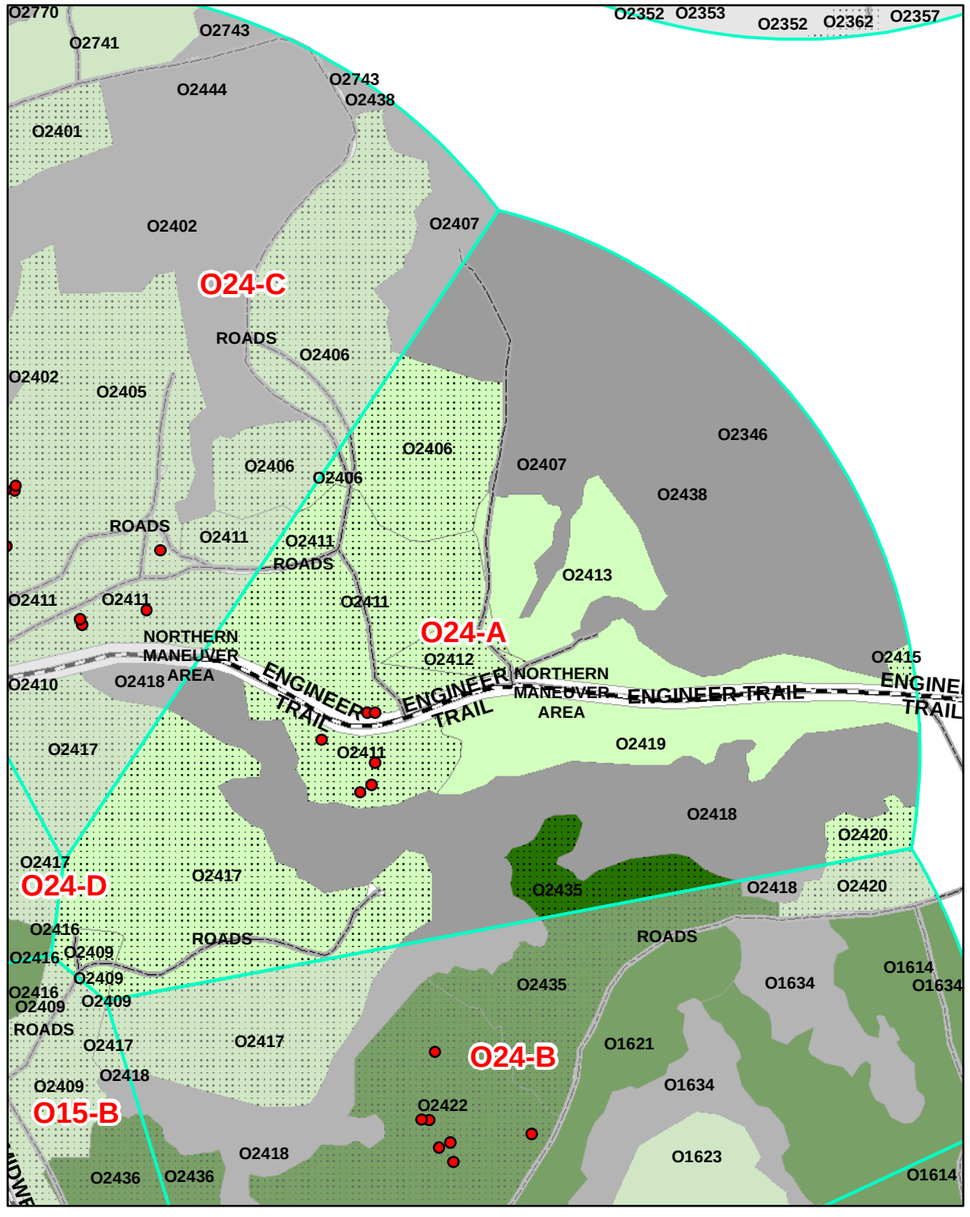
1,900 950 0 1,900 Feet

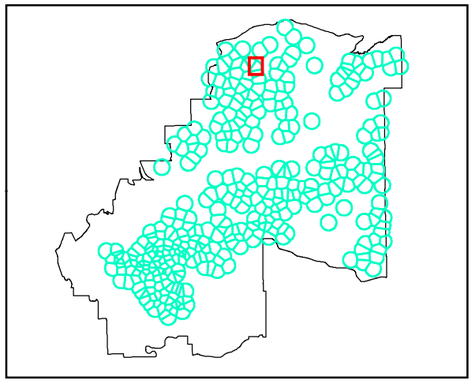
N W E S

Appendix F. Figure 89. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O21-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

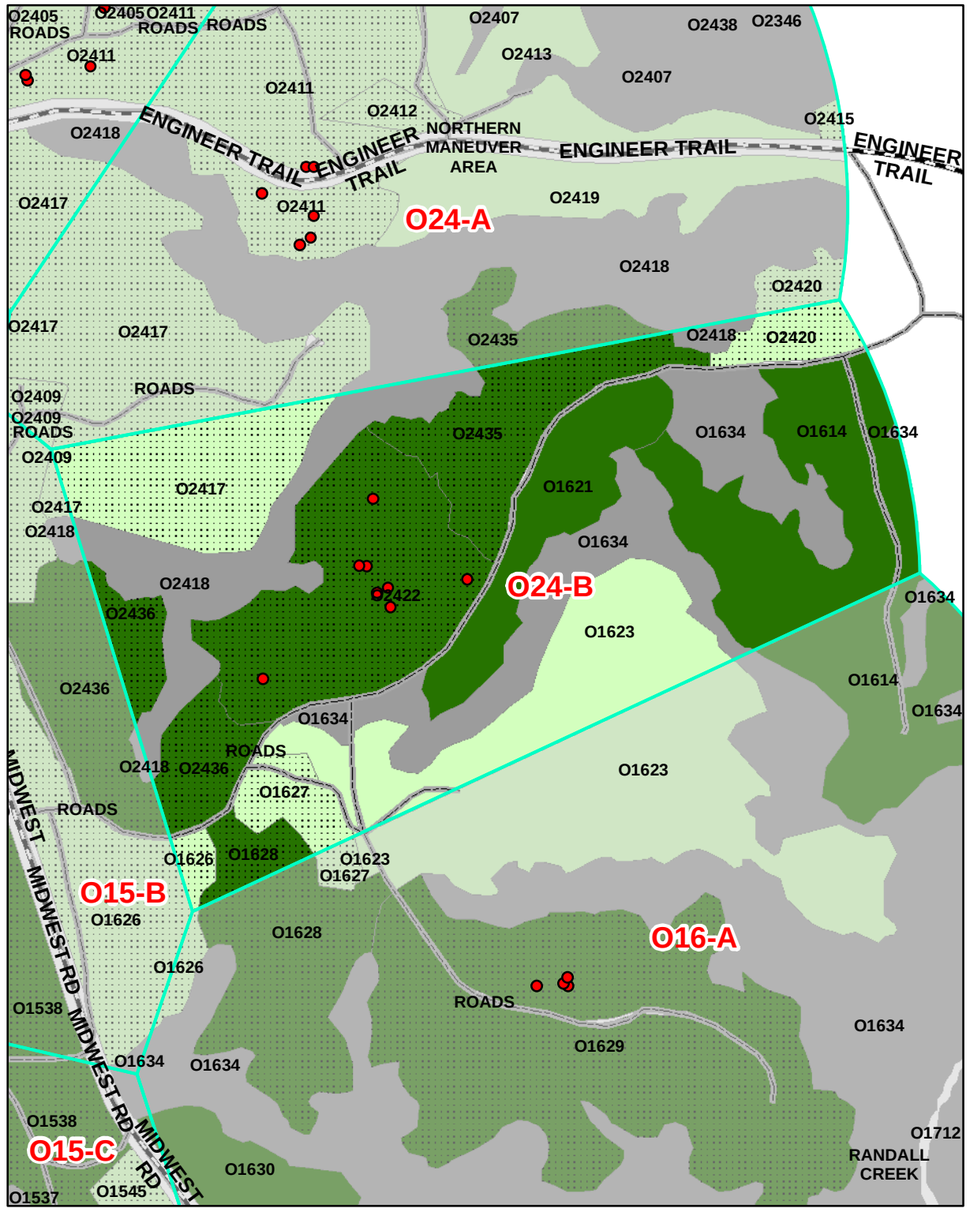
1,500 750 0 1,500 Feet

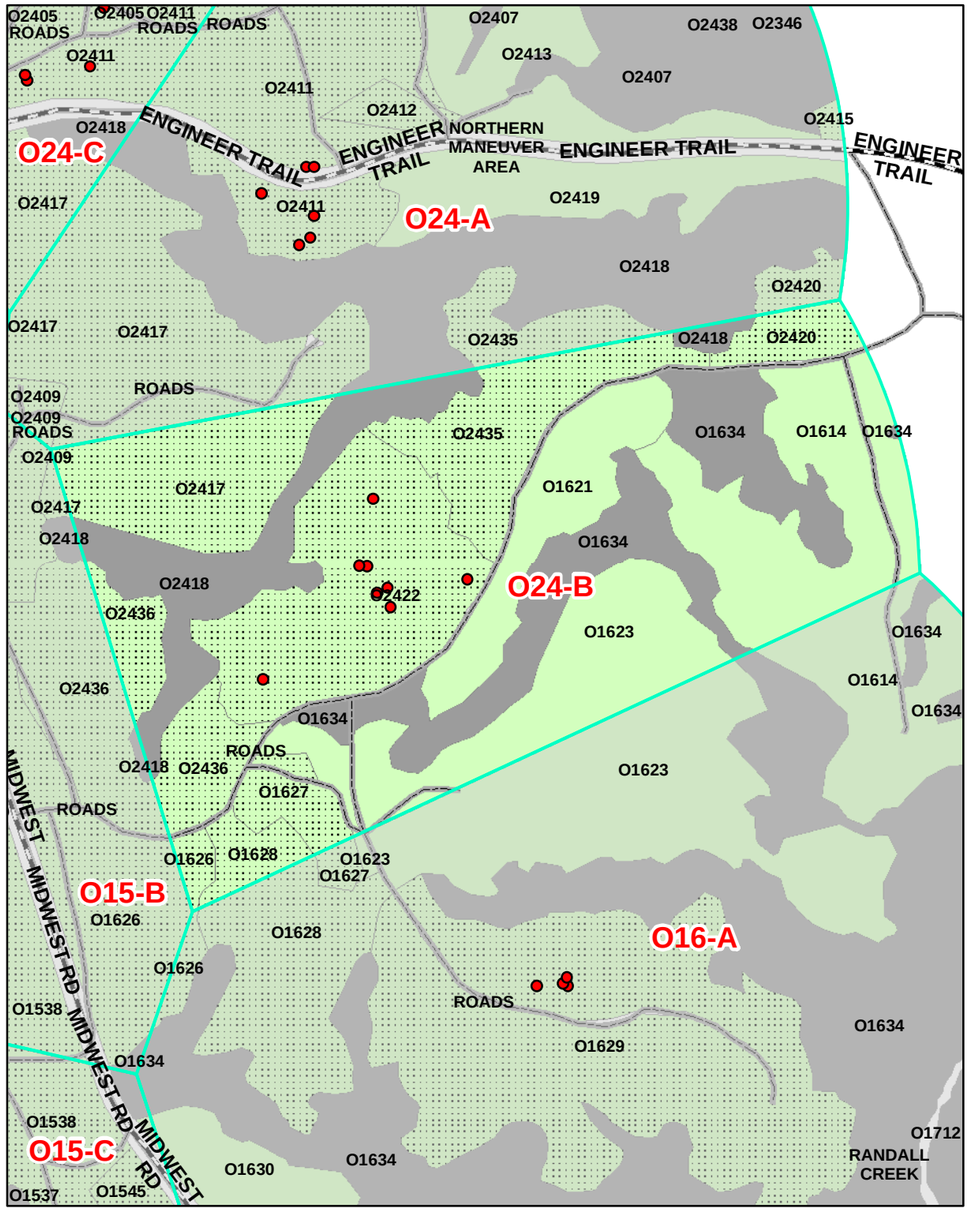
N W E S

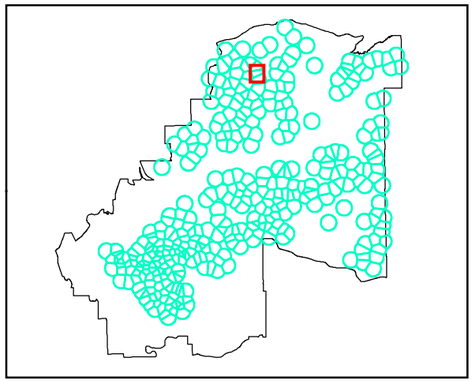
Appendix F. Figure 90. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O24-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

1,500 750 0 1,500 Feet

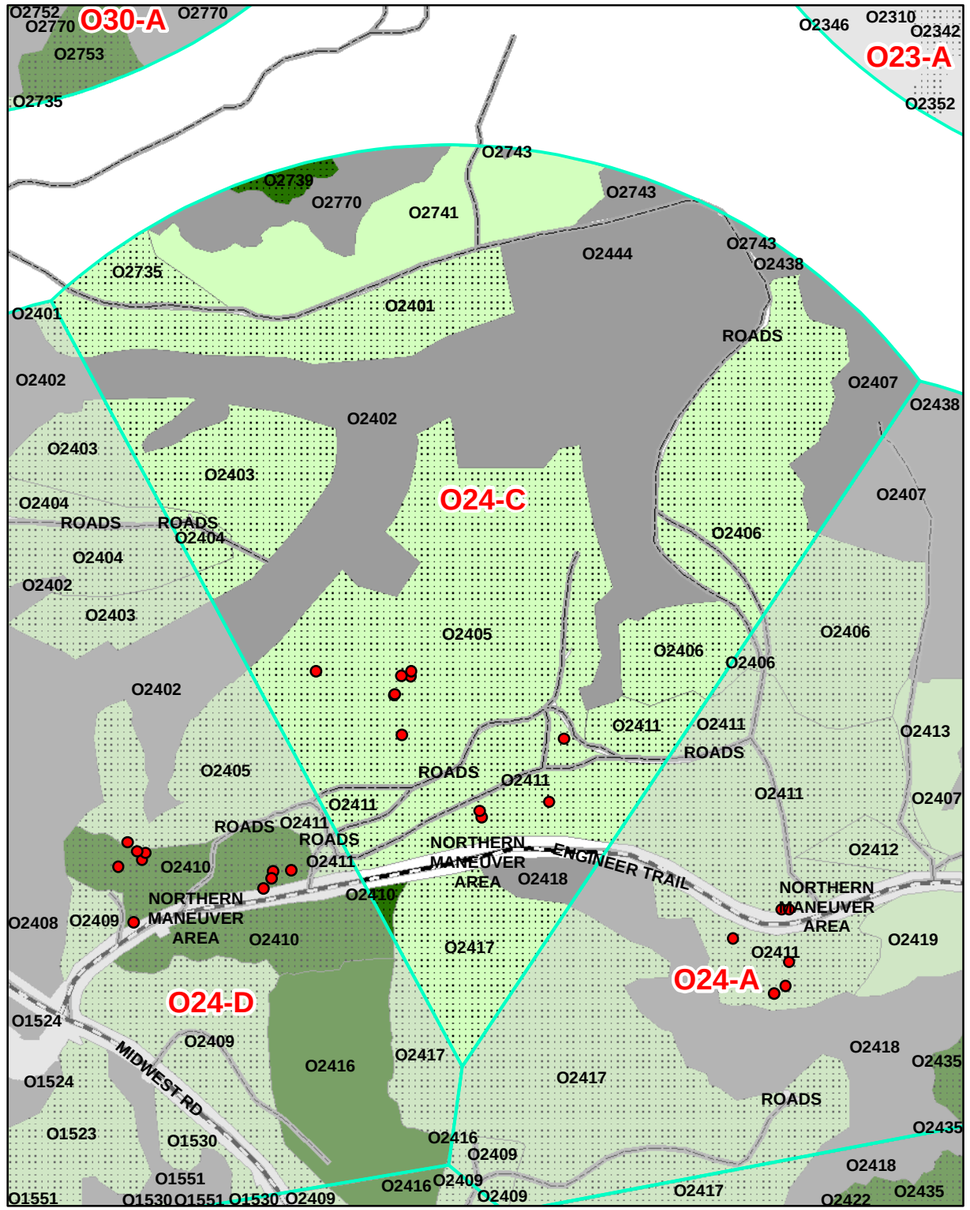
N W E S

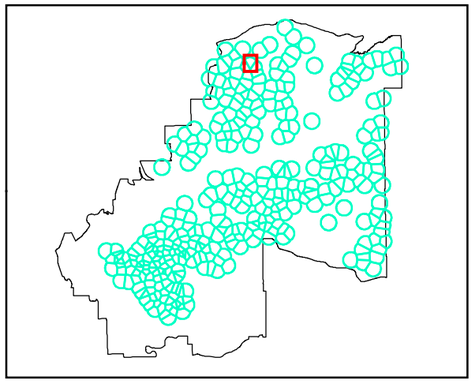
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 91. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O24-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





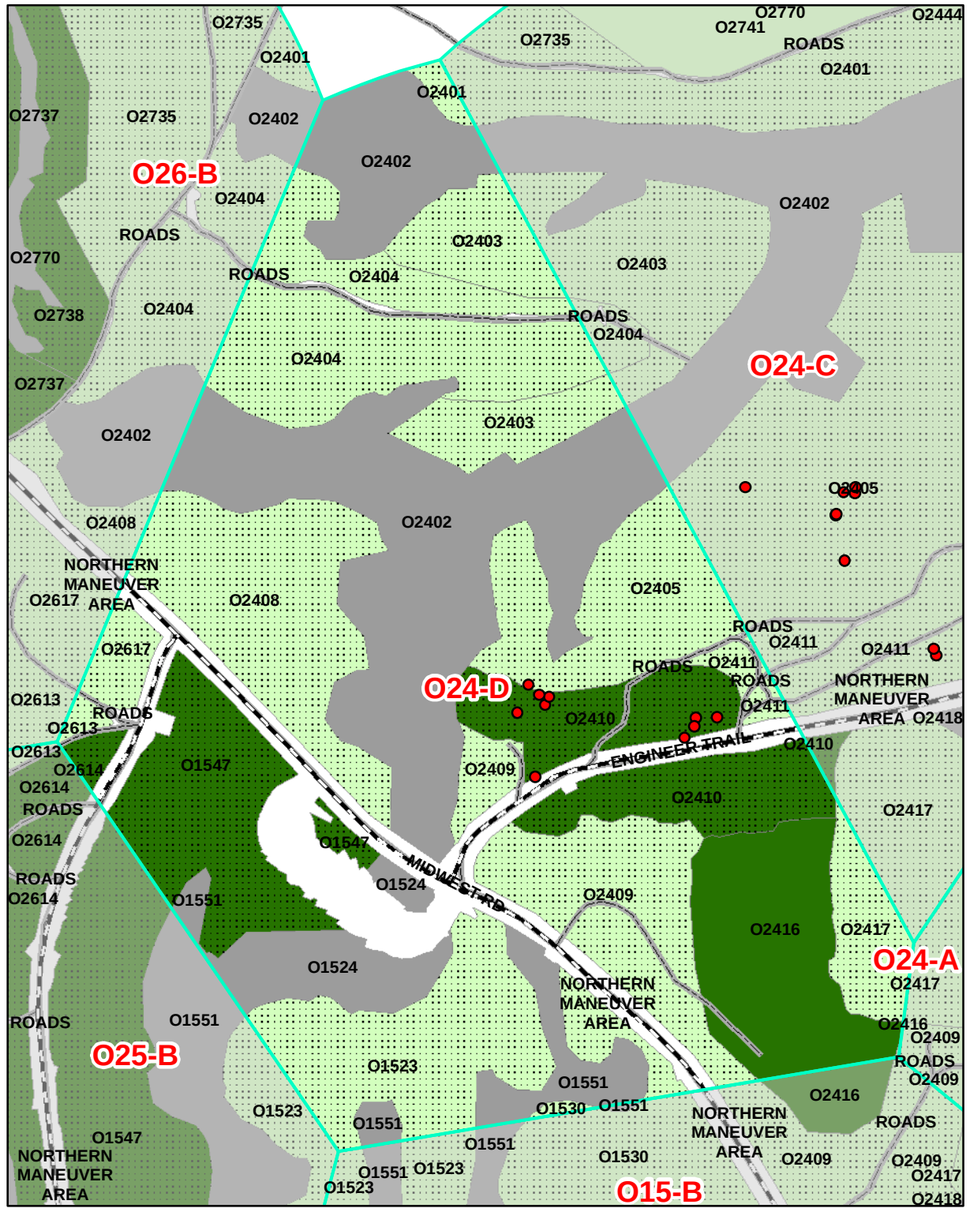
Cluster Location

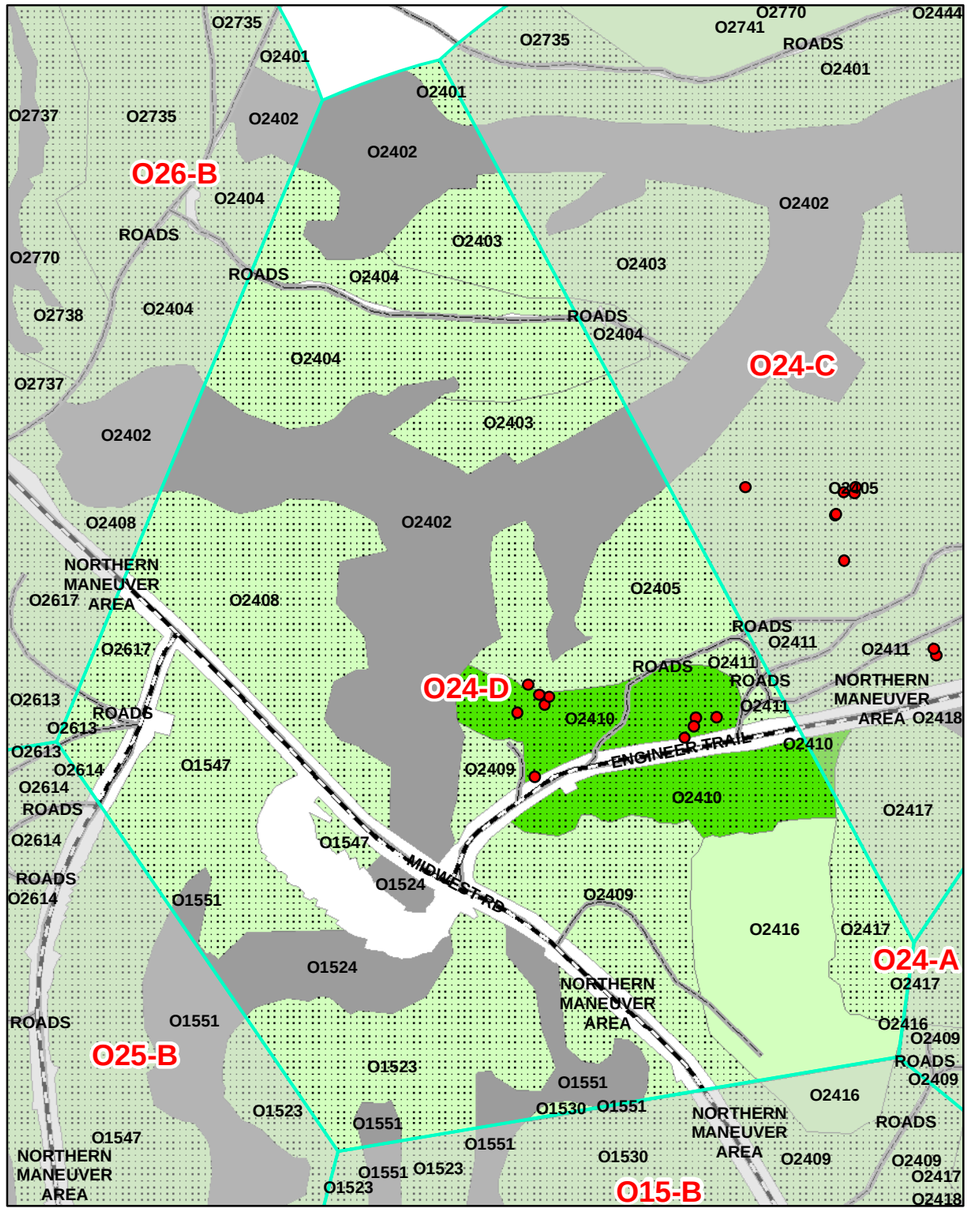
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

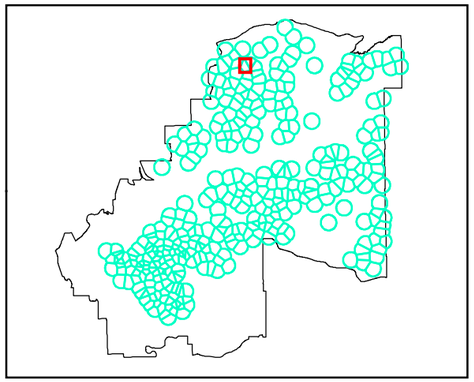
Appendix F. Figure 92. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O24-C** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

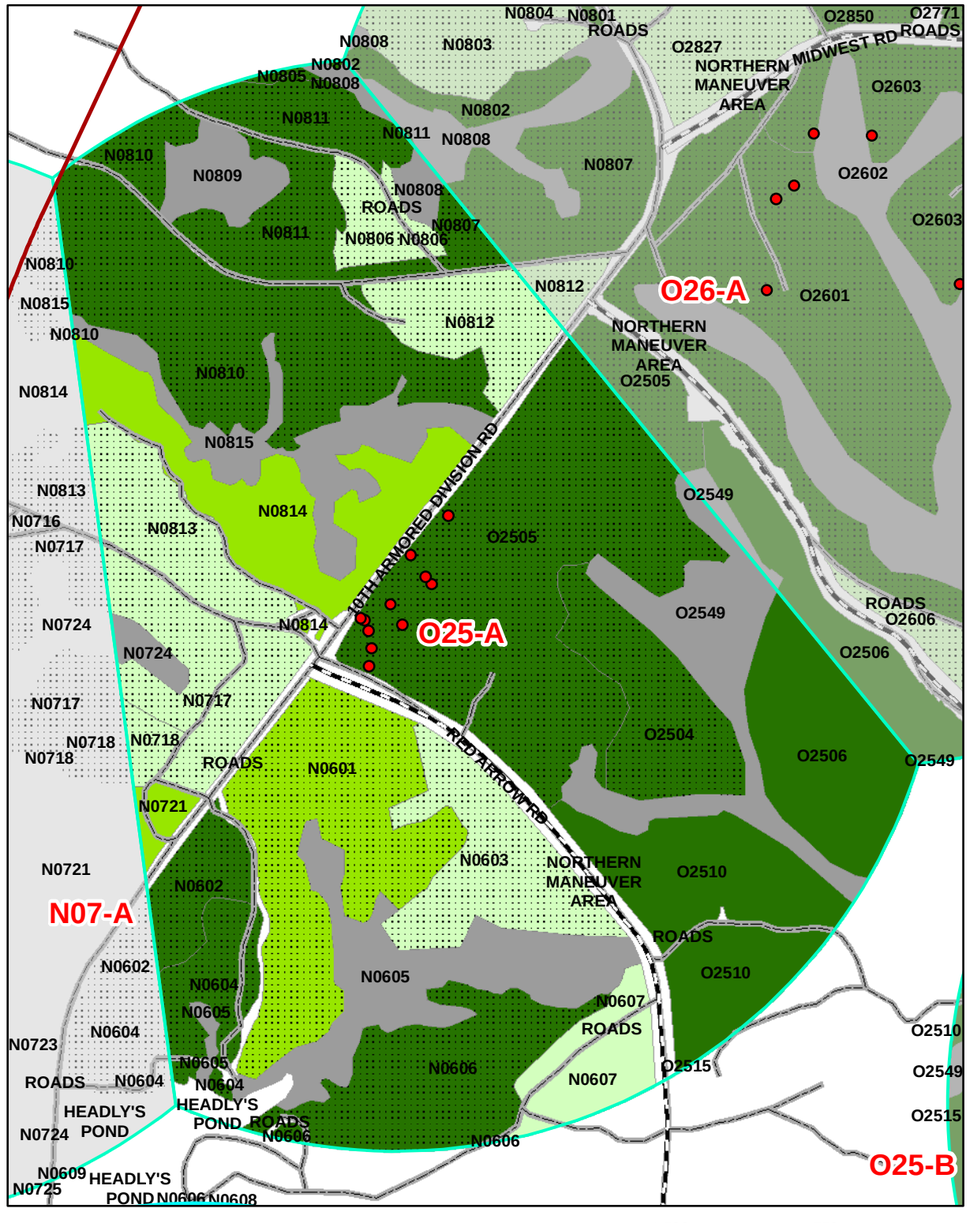
1,250 625 0 1,250 Feet

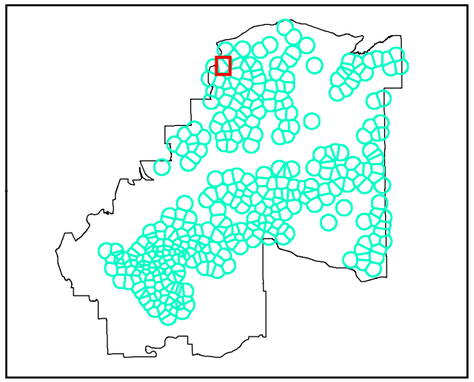
N W E S

Appendix F. Figure 93. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O24-D** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





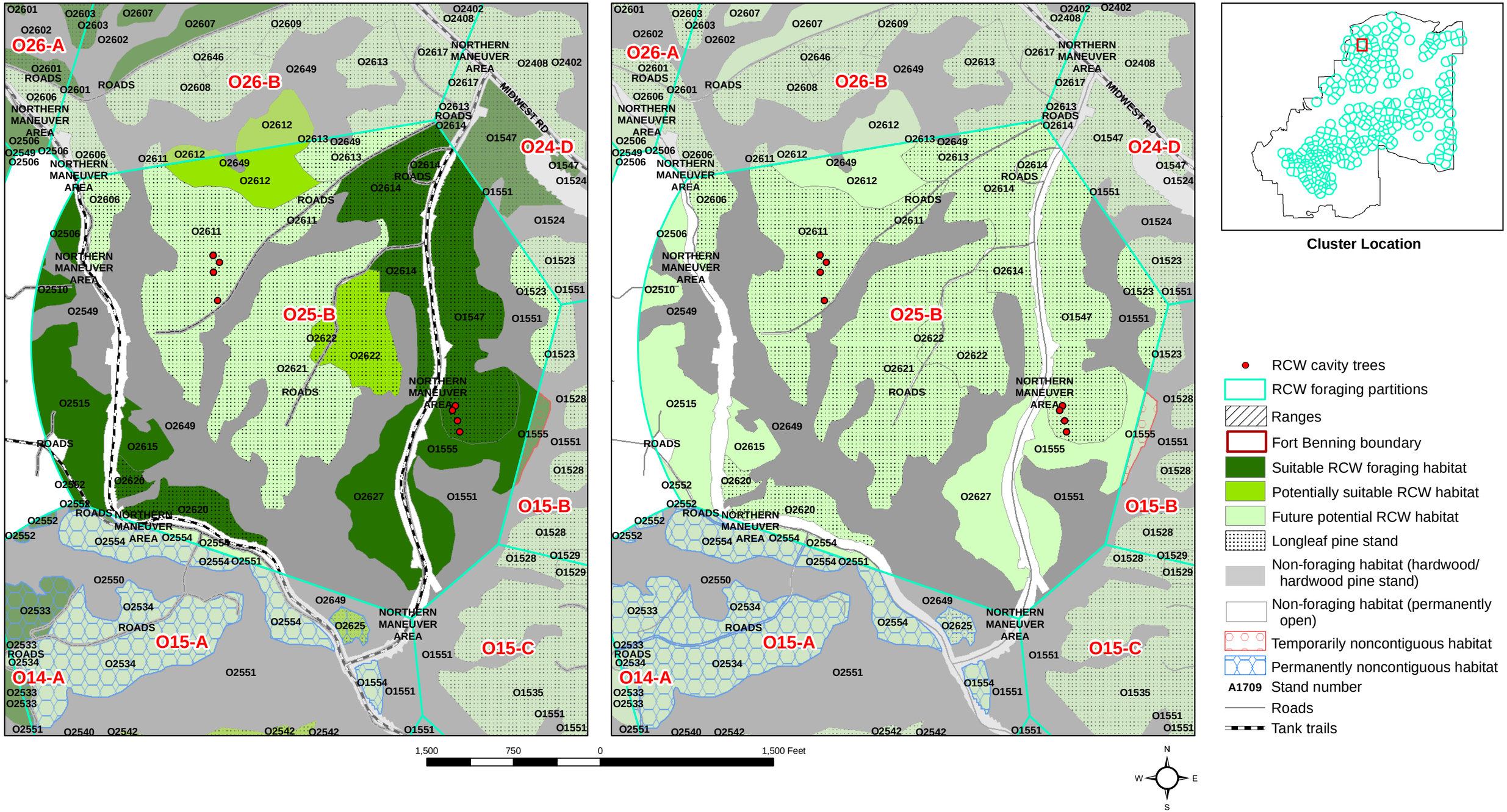
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 94. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O25-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



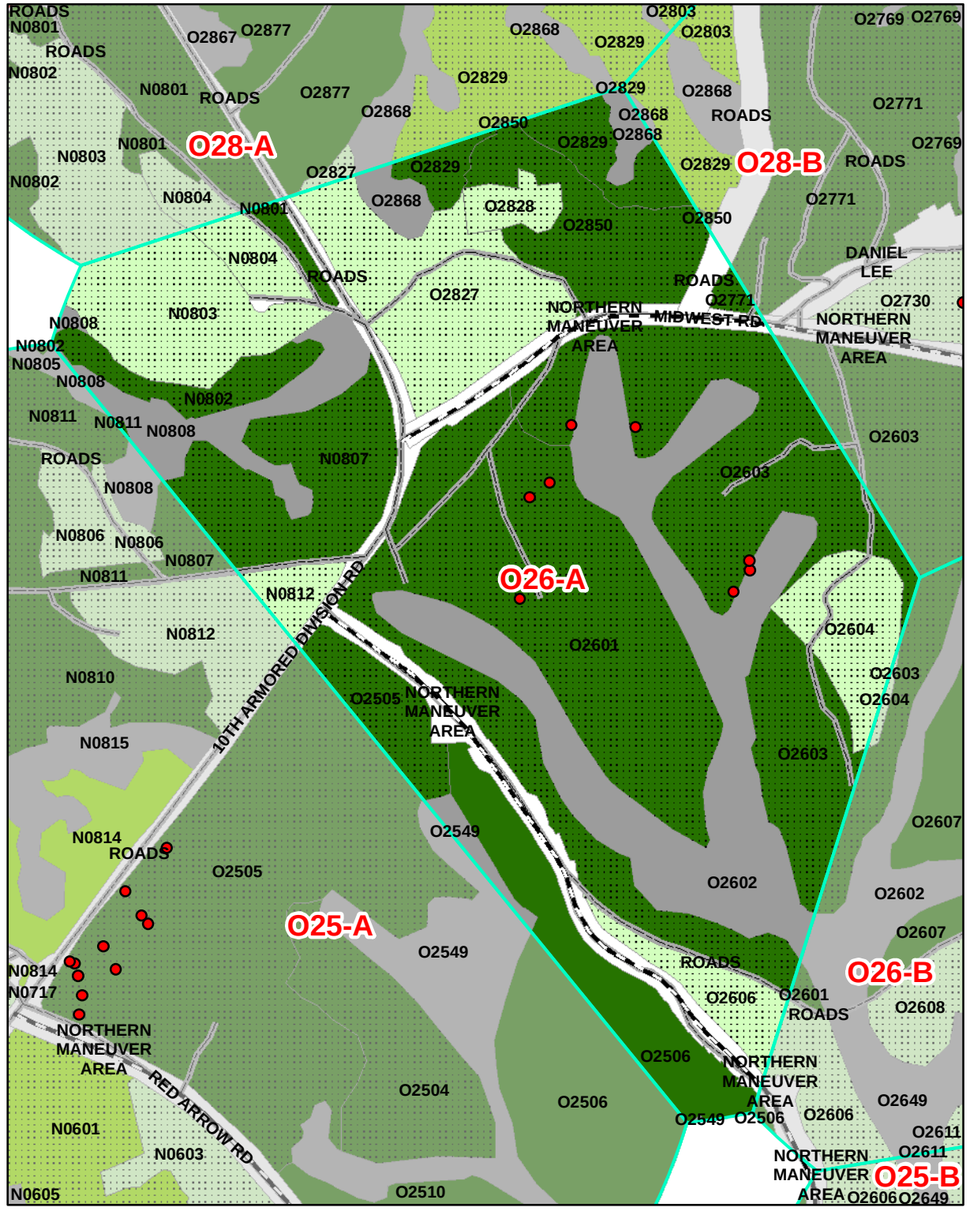
Cluster Location

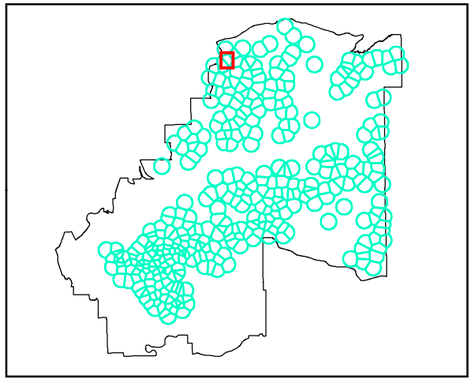
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 95. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O25-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





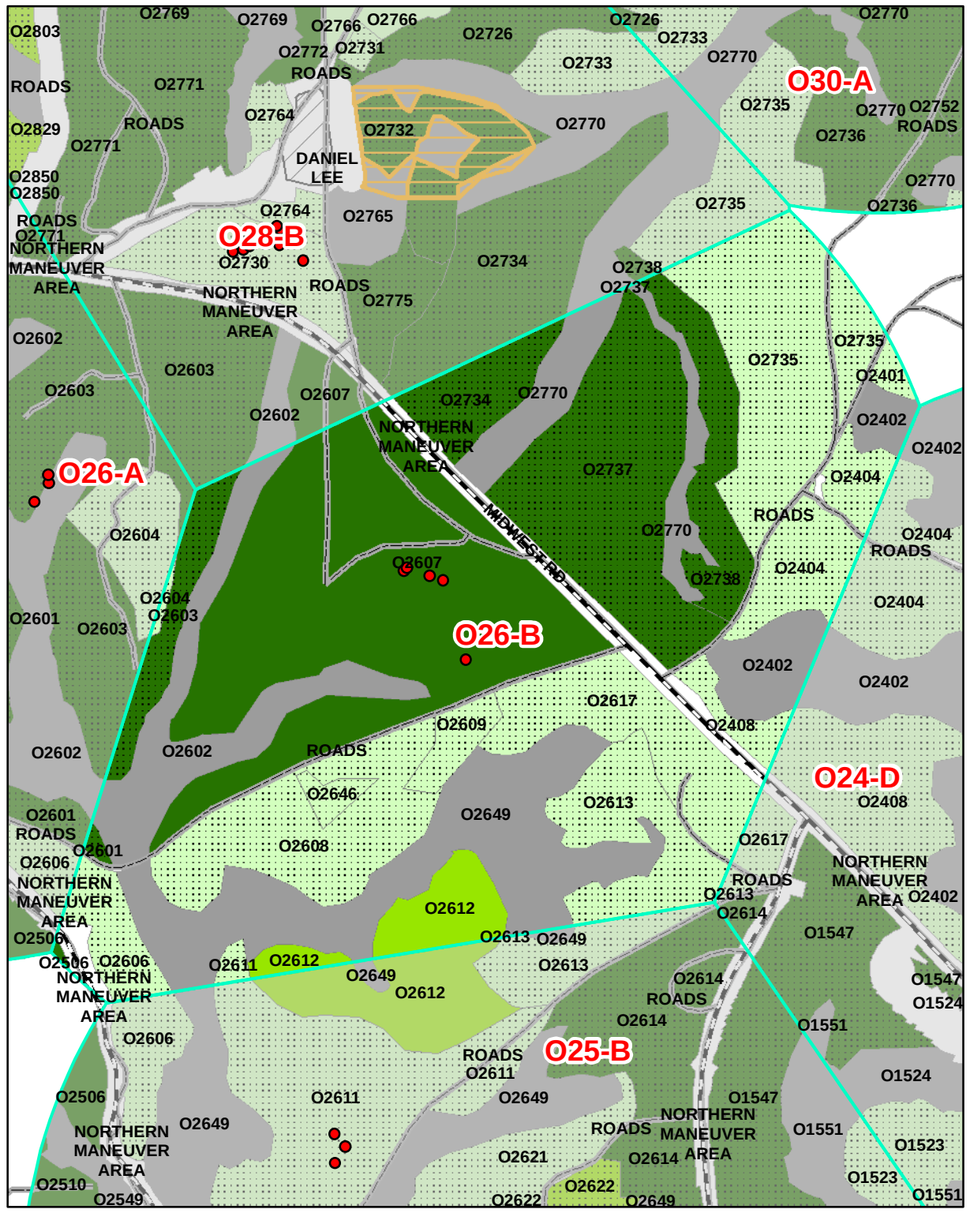
Cluster Location

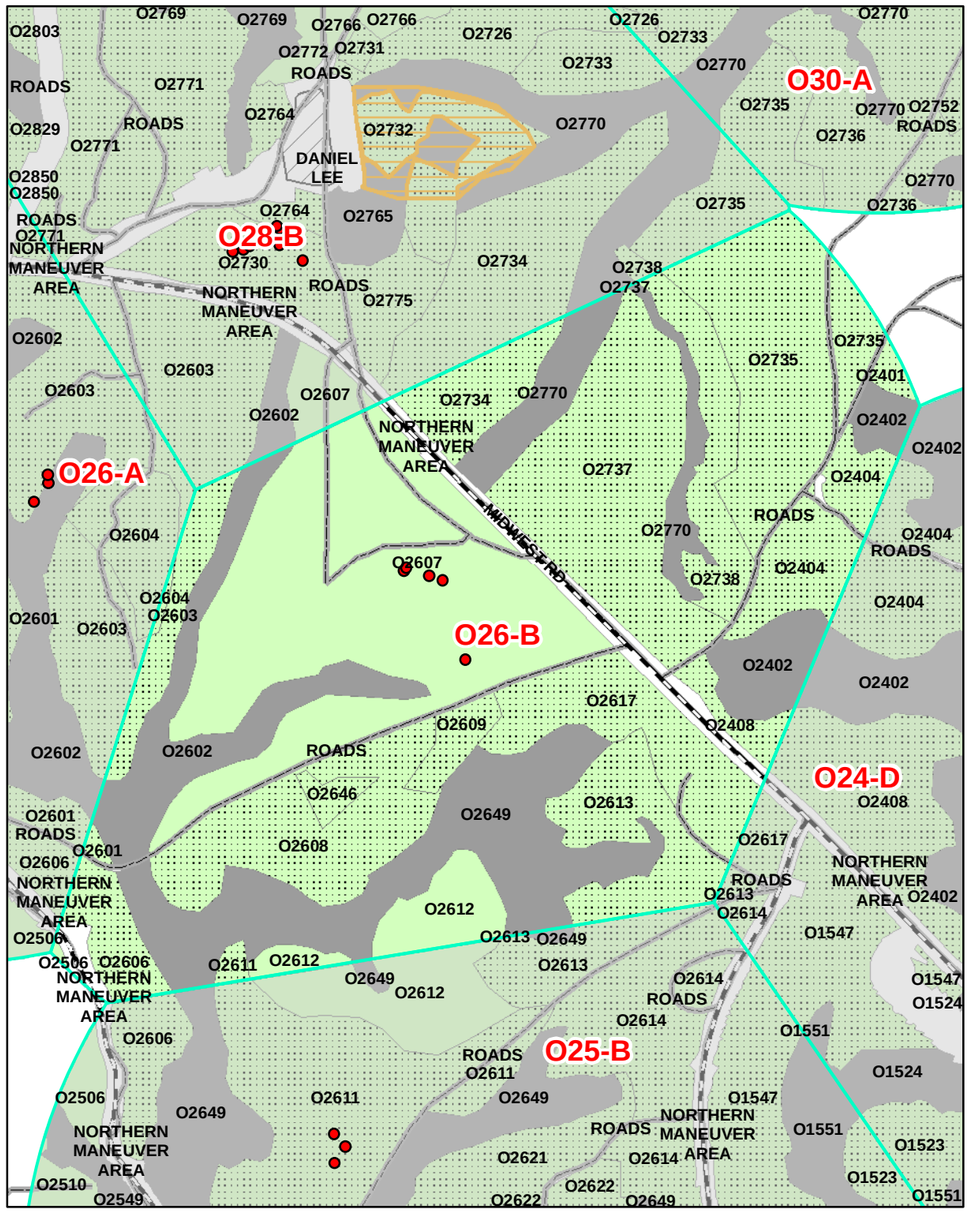
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

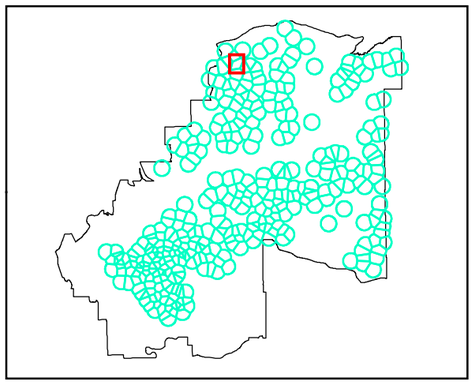
Appendix F. Figure 96. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O26-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

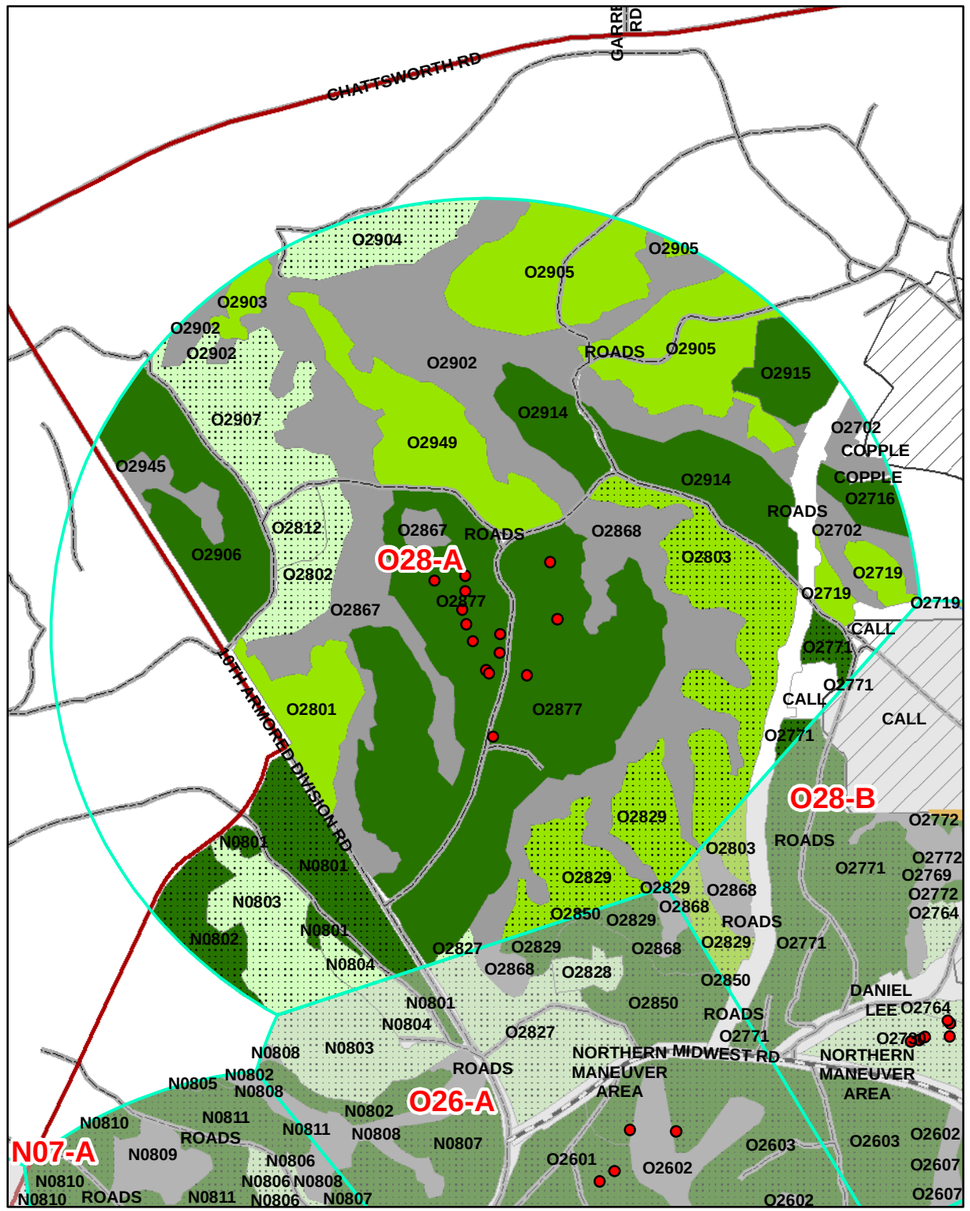
1,500 750 0 1,500 Feet

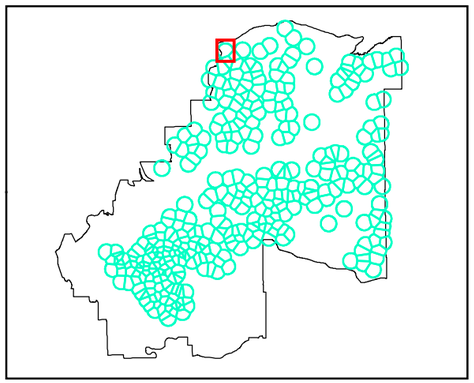
N W E S

Appendix F. Figure 97. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O26-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





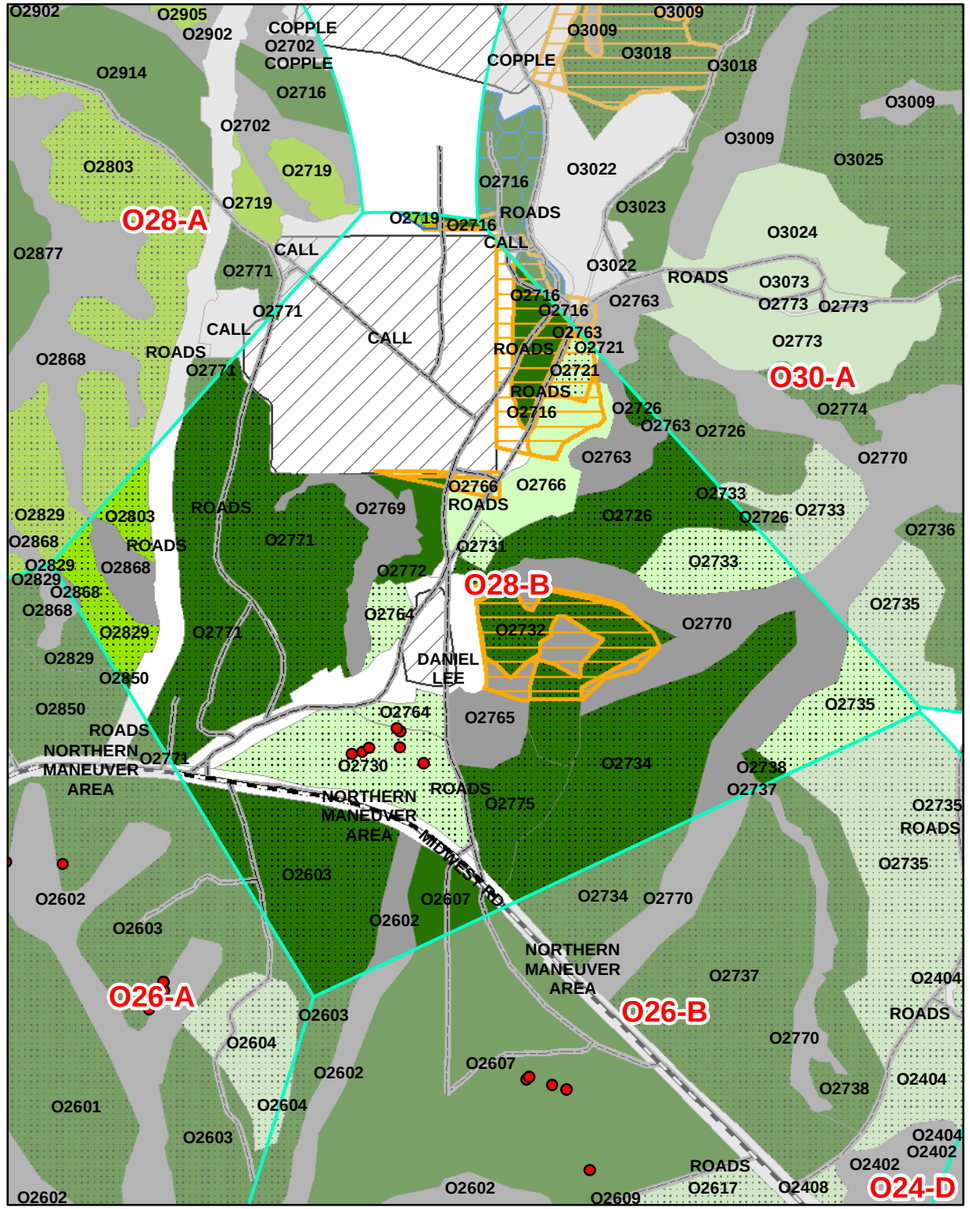
Cluster Location

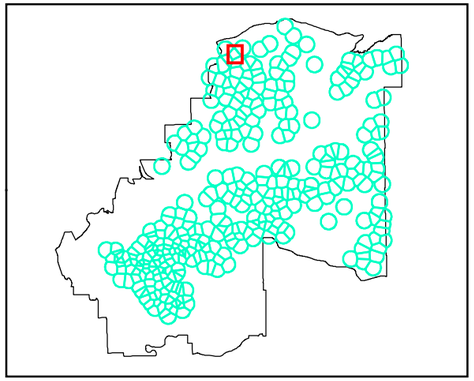
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 98. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O28-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





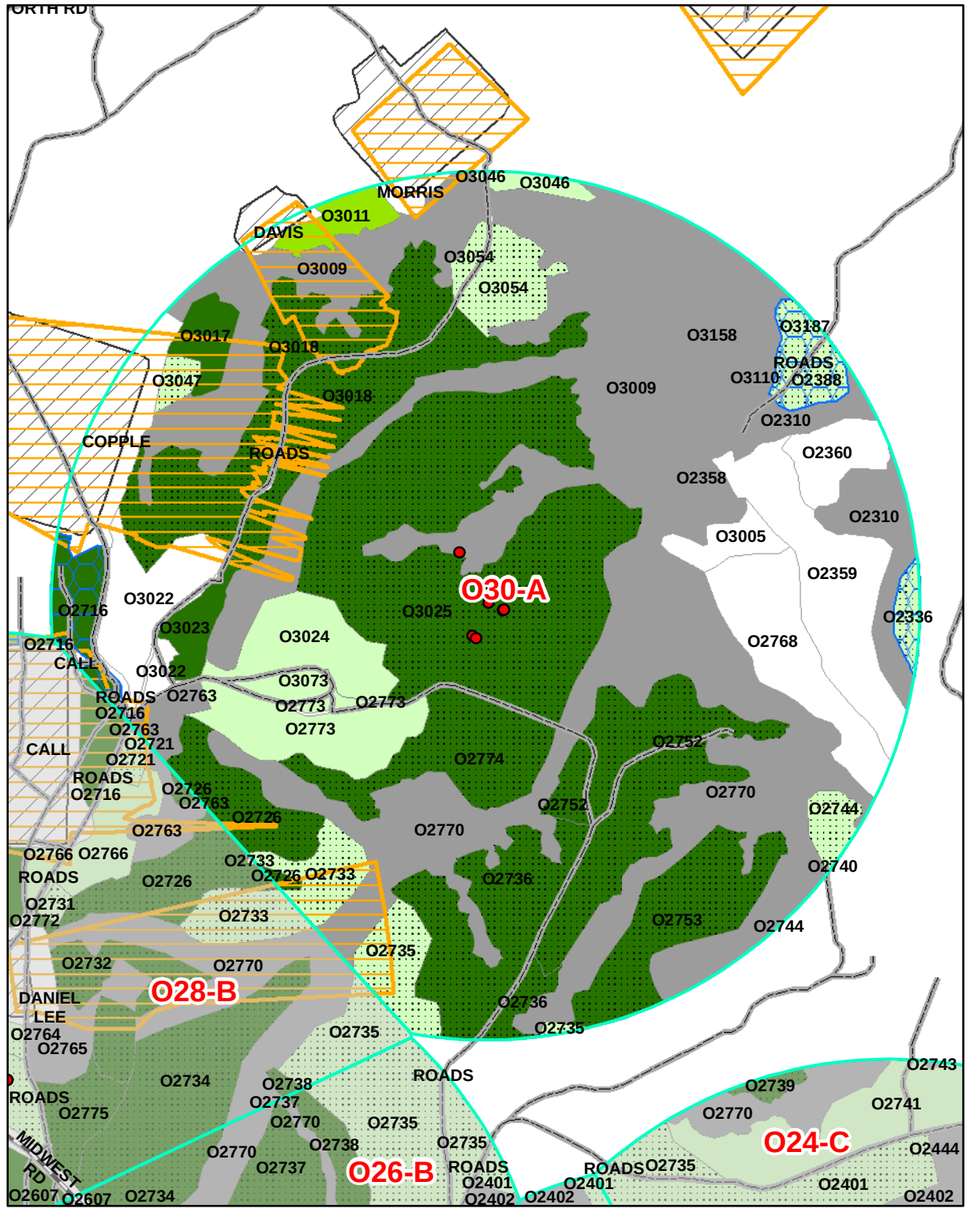
Cluster Location

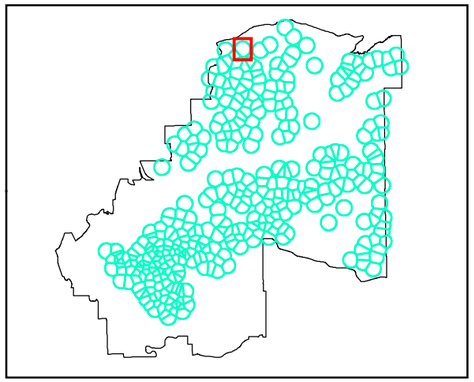
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 99. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O28-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





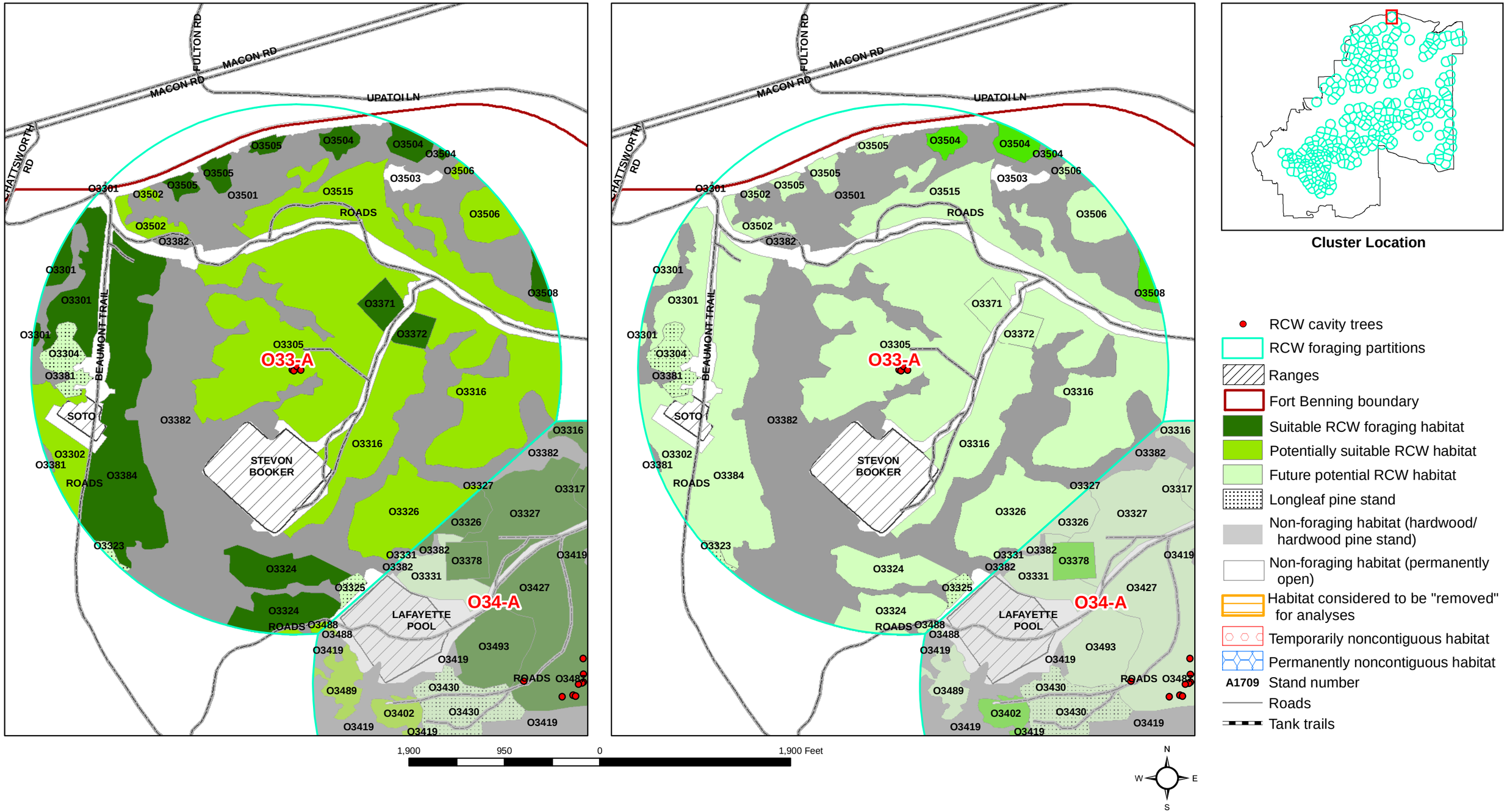
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 100. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O30-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



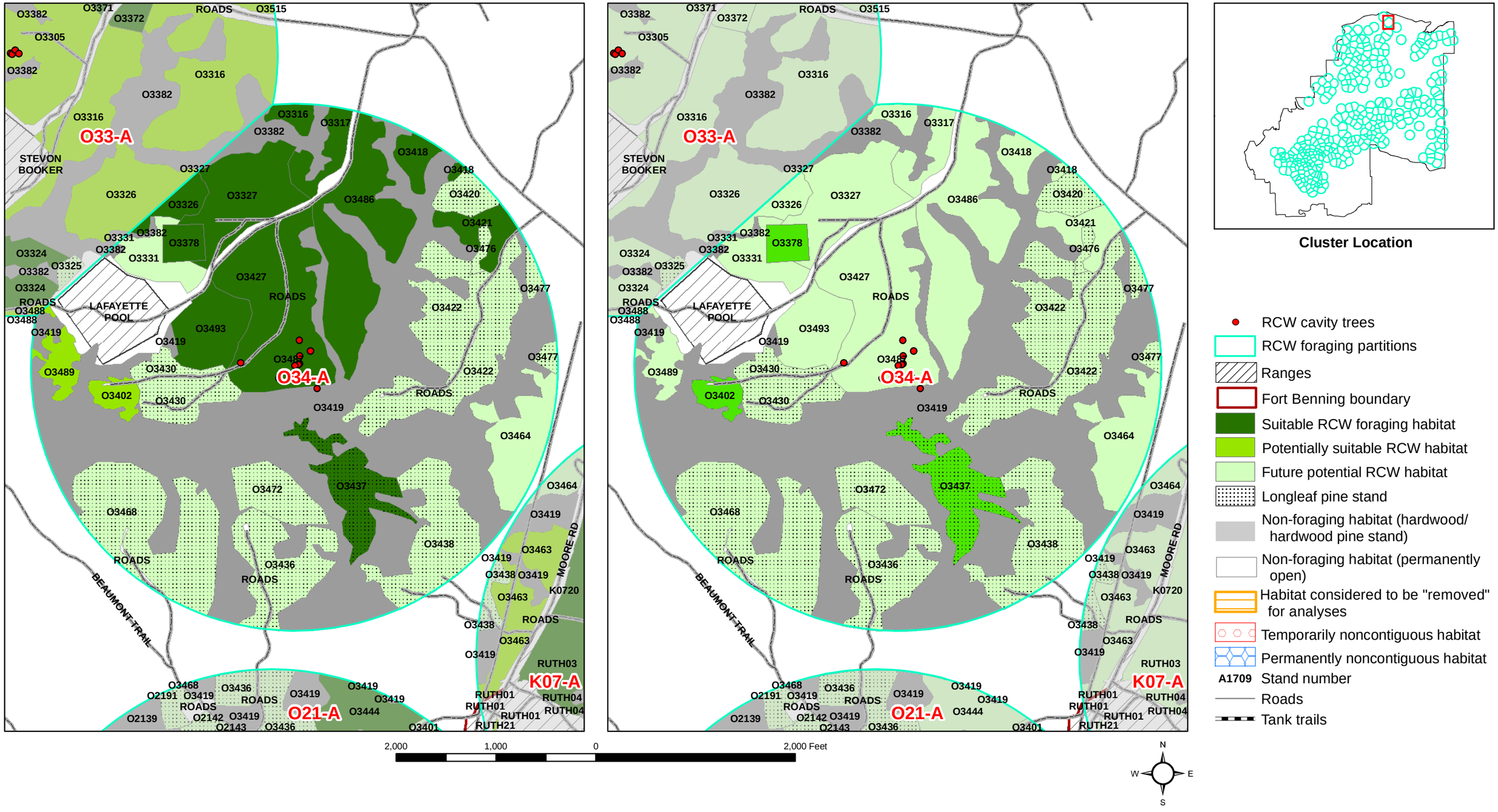
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 101. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O33-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



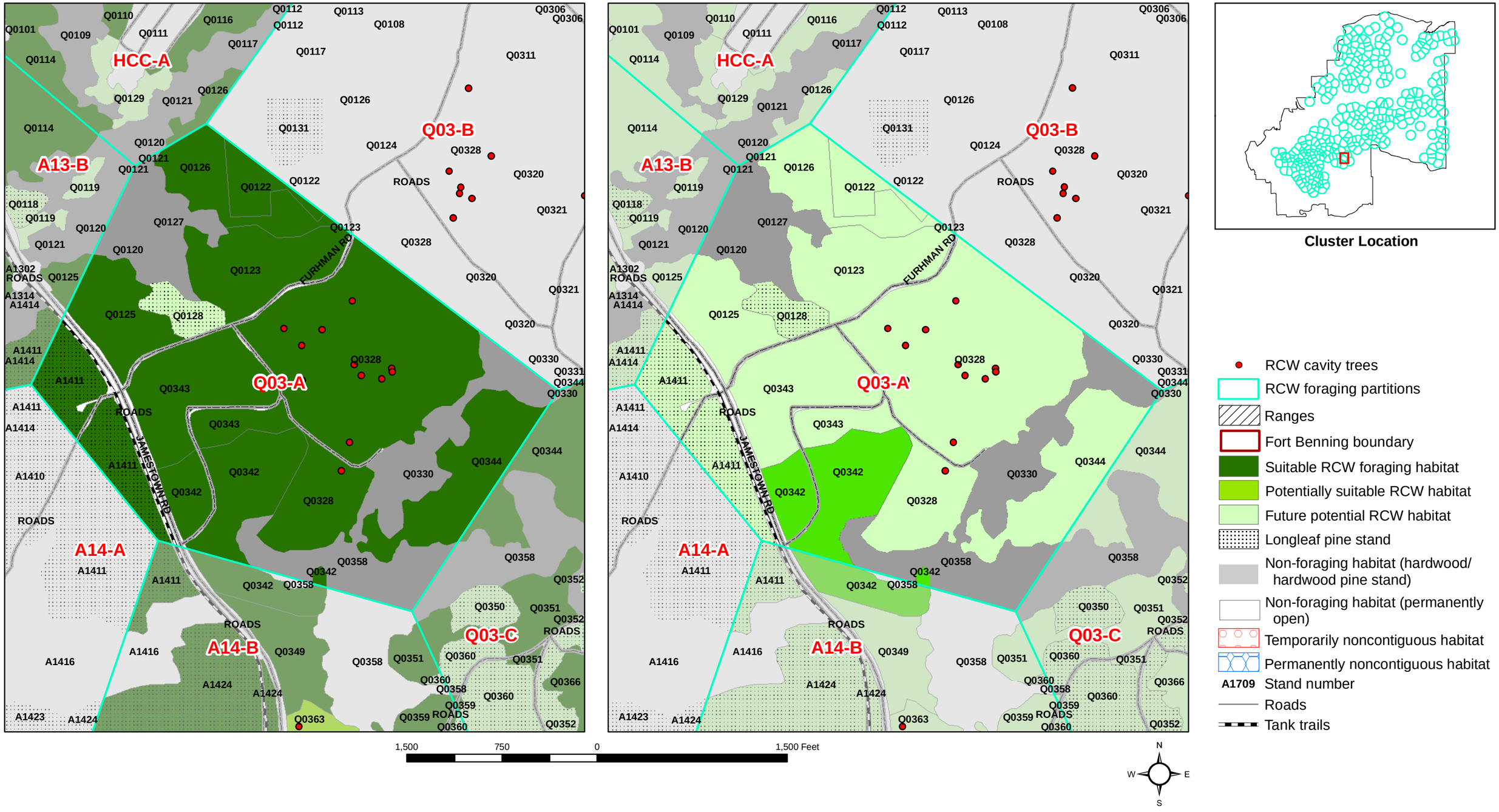
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Habitat considered to be "removed" for analyses
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 102. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **O34-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



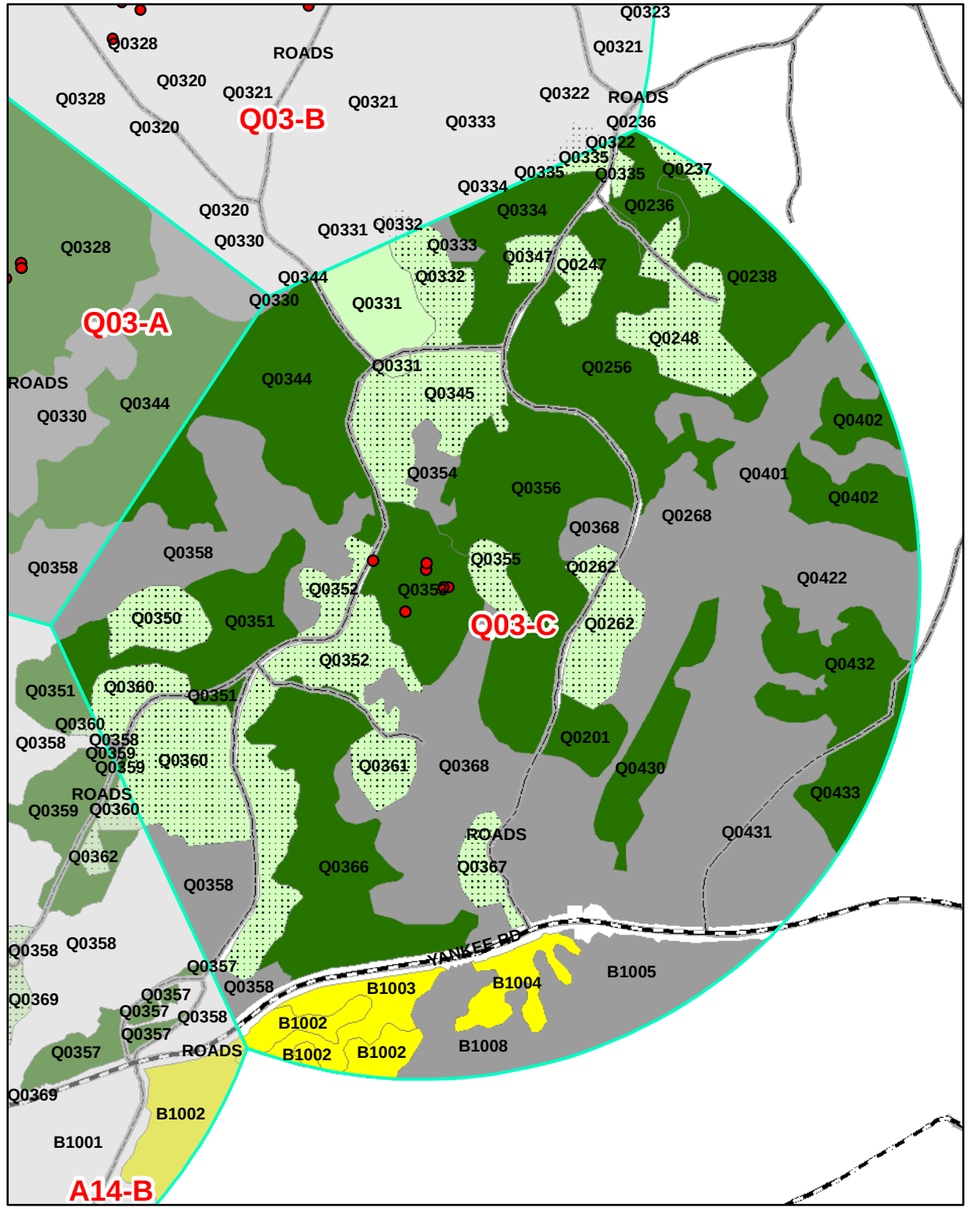
Cluster Location

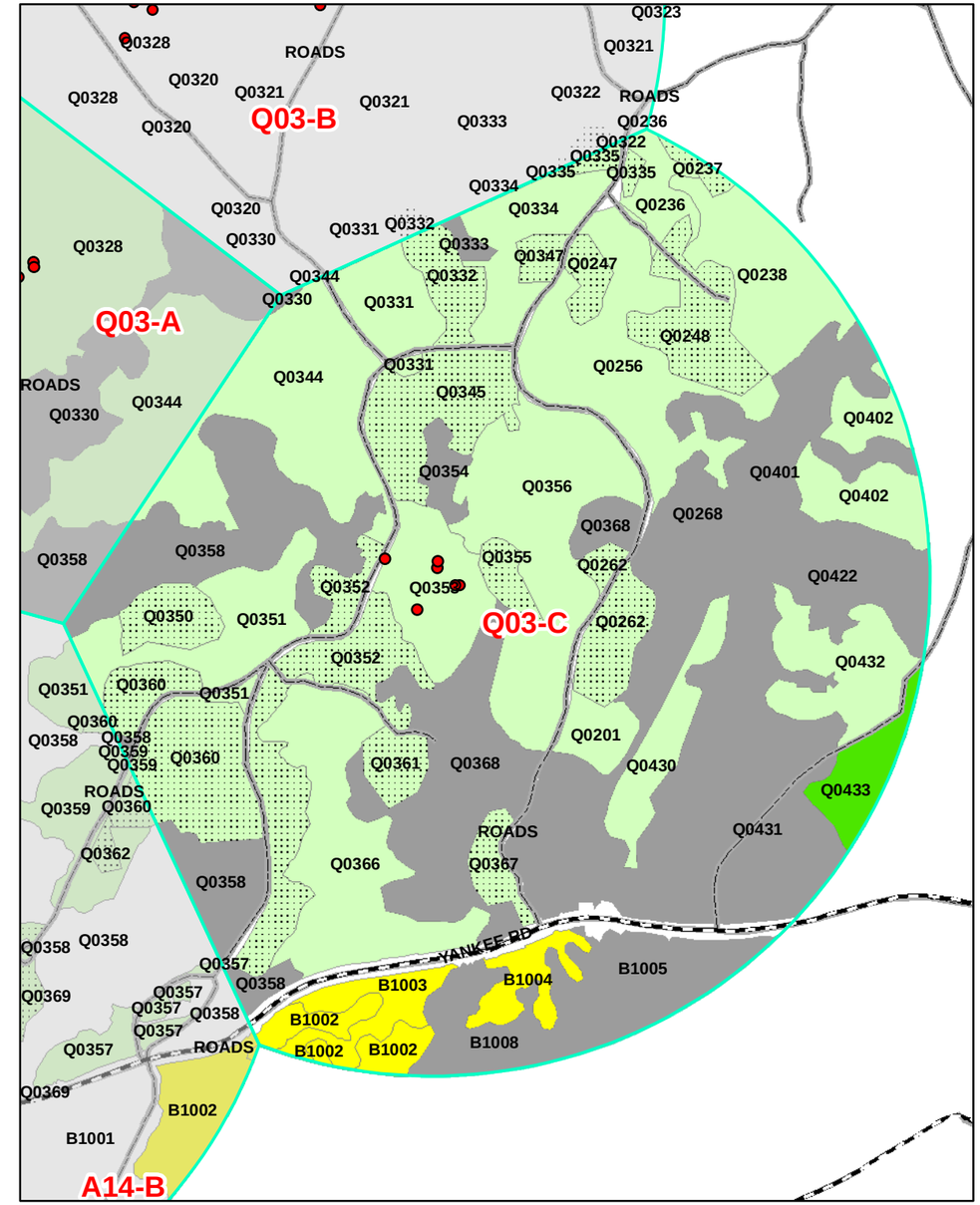
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

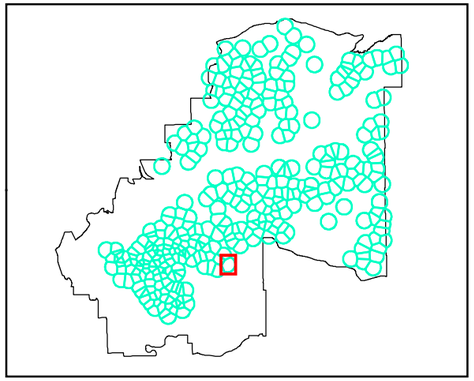
Appendix F. Figure 103. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **Q03-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Pine habitat not managed for RCWs
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

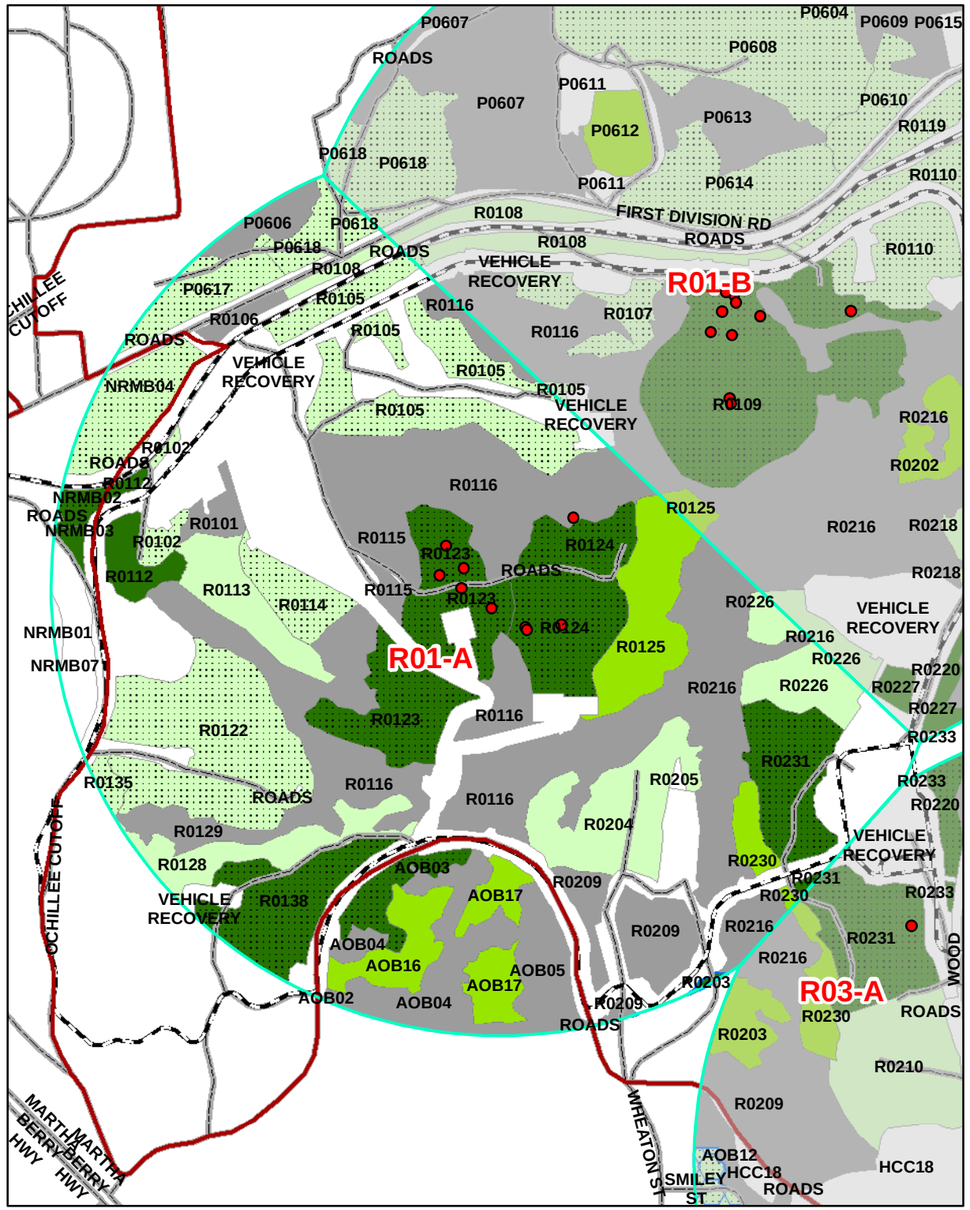
1,500 750 0 1,500 Feet

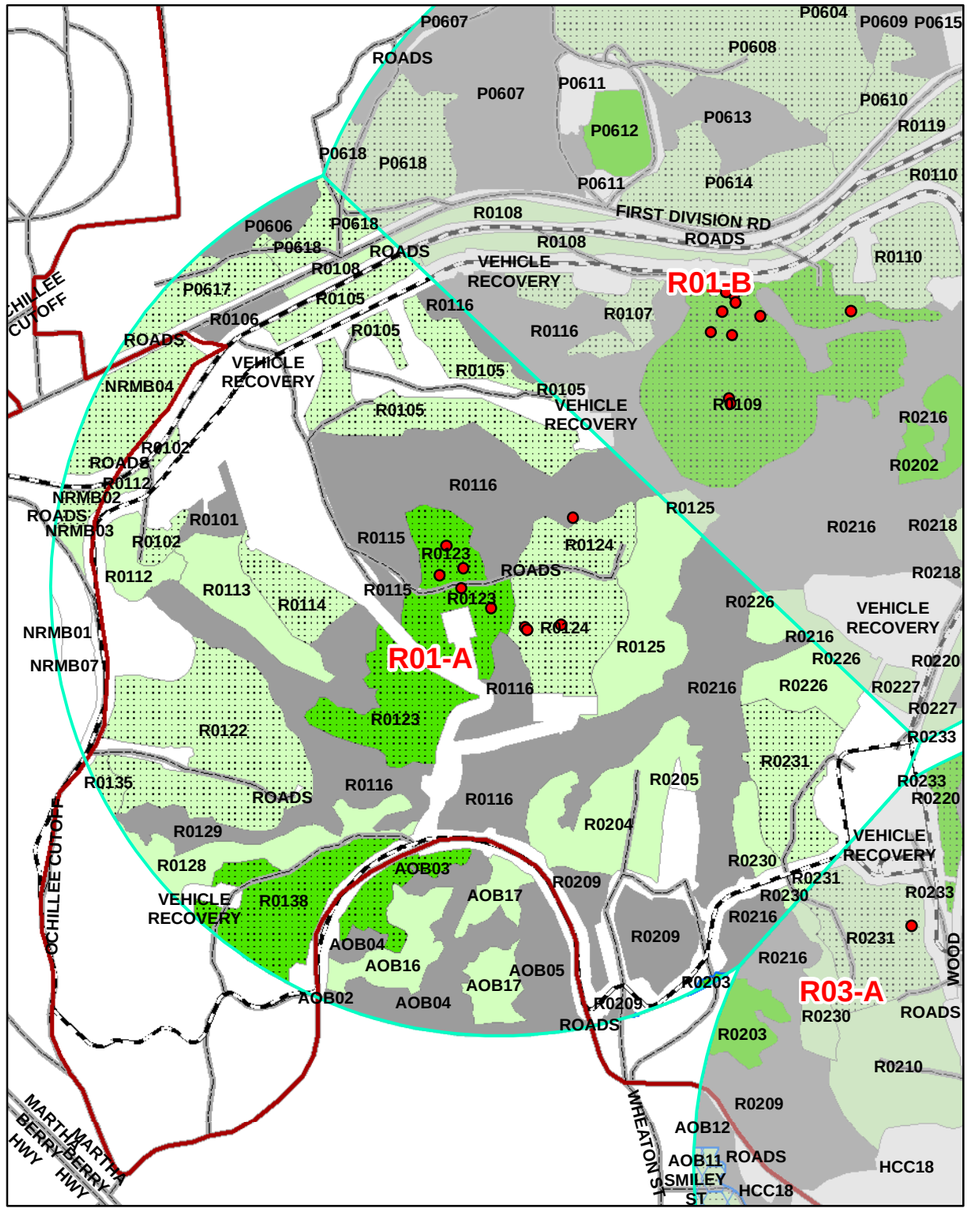
N W E S

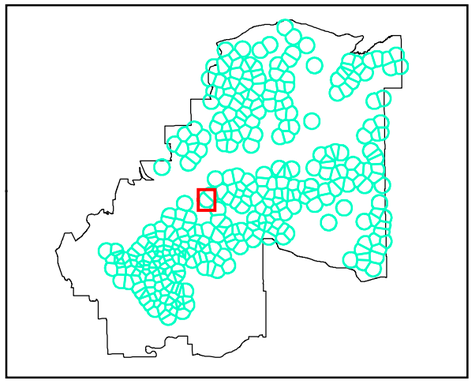
Appendix F. Figure 104. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **Q03-C** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

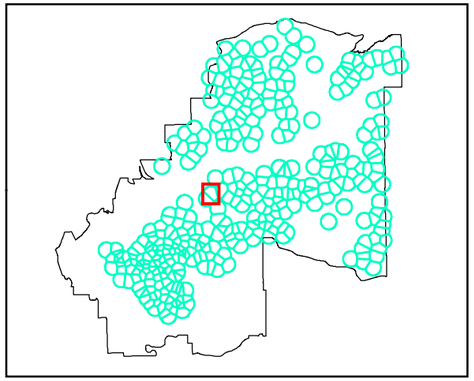
2,000 1,000 0 2,000 Feet

N W E S

Appendix F. Figure 105. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **R01-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



Cluster Location

RCW cavity trees
RCW foraging partitions
Ranges
Fort Benning boundary
Suitable RCW foraging habitat
Potentially suitable RCW habitat
Future potential RCW habitat
Longleaf pine stand
Non-foraging habitat (hardwood/ hardwood pine stand)
Non-foraging habitat (permanently open)
Temporarily noncontiguous habitat
Permanently noncontiguous habitat
A1709 Stand number
Roads
Tank trails

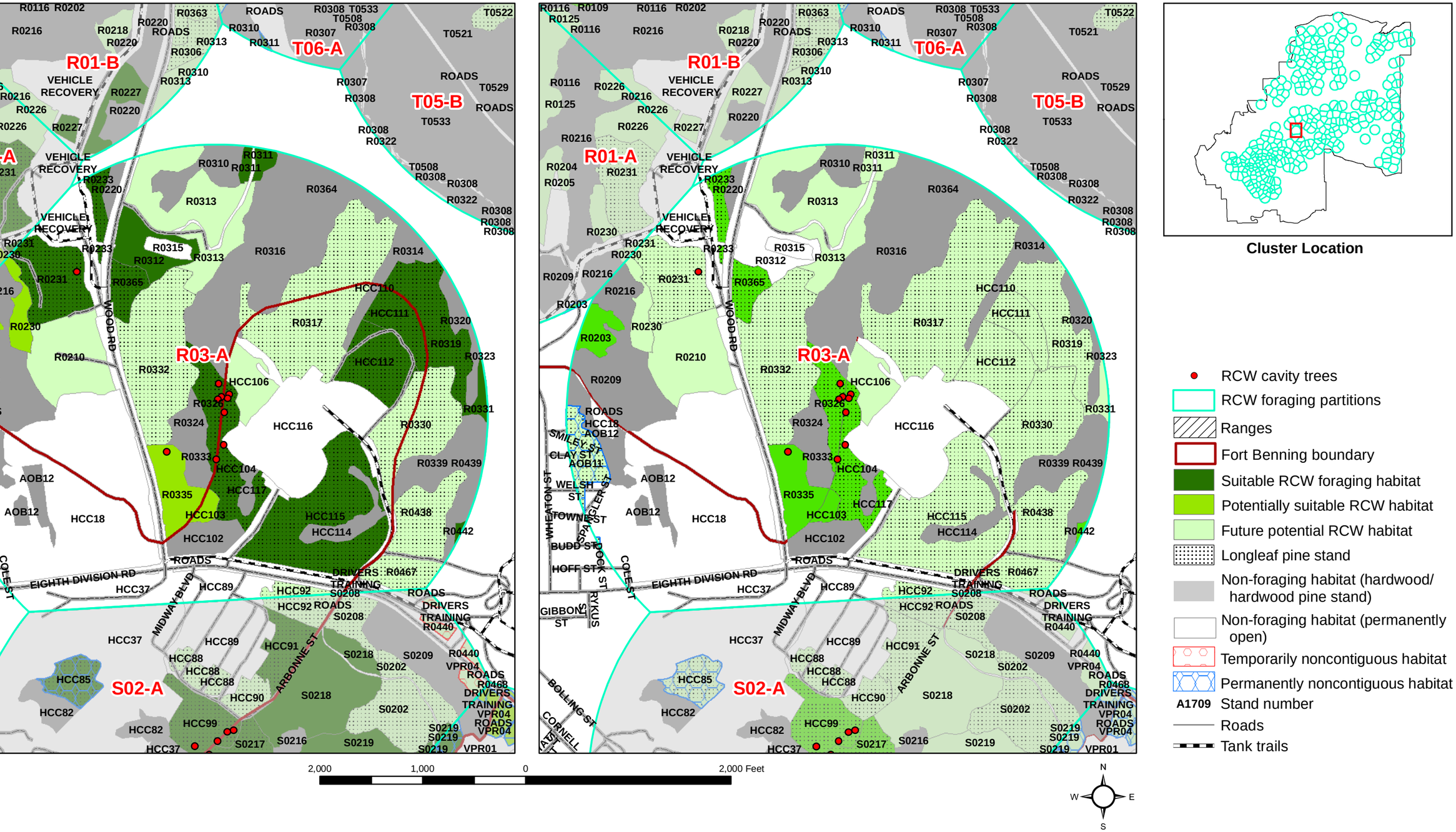
2,000 1,000 0 2,000 Feet

N W E S

Appendix F. Figure 106. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **R01-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



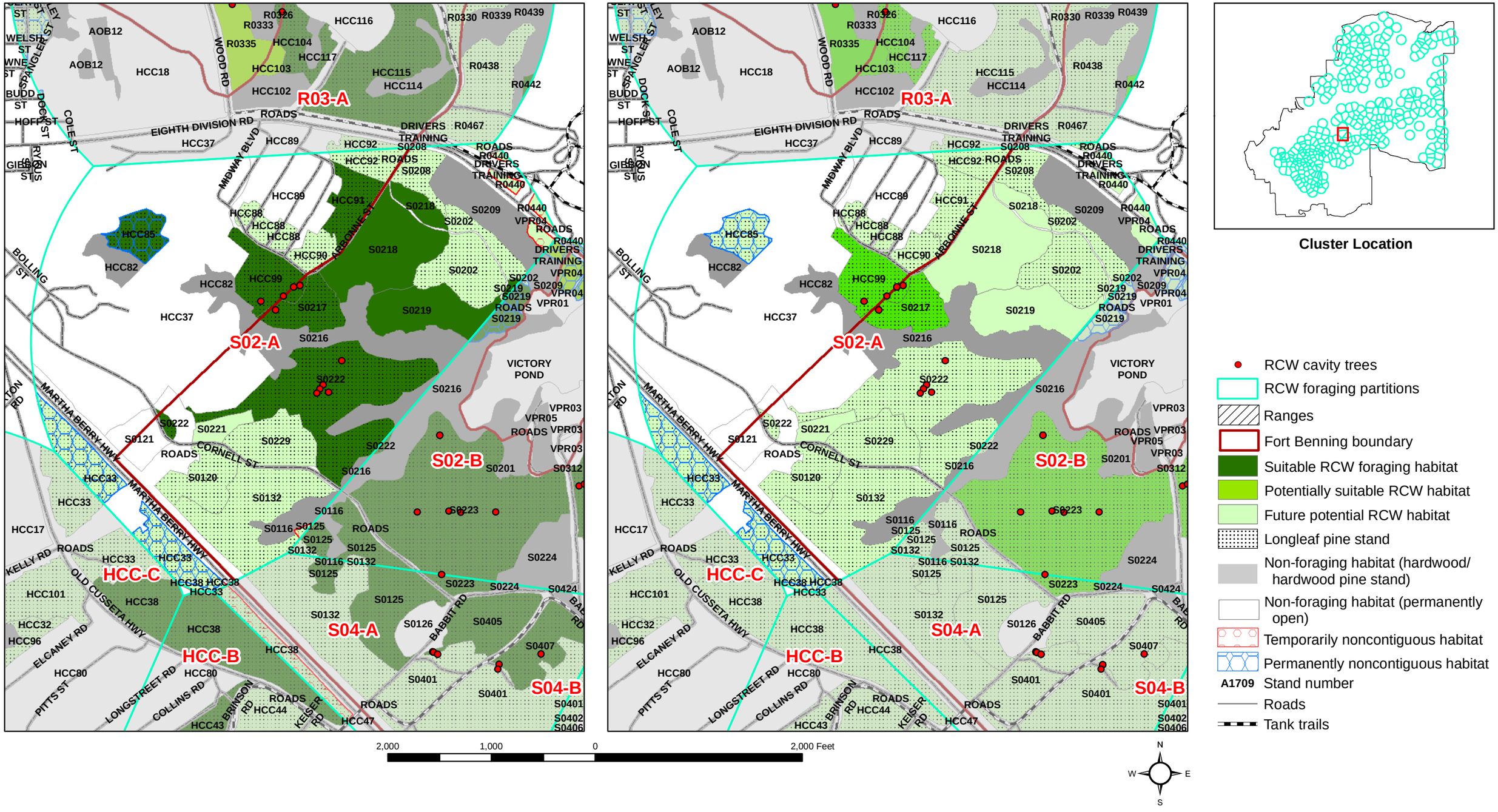
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 107. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **R03-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



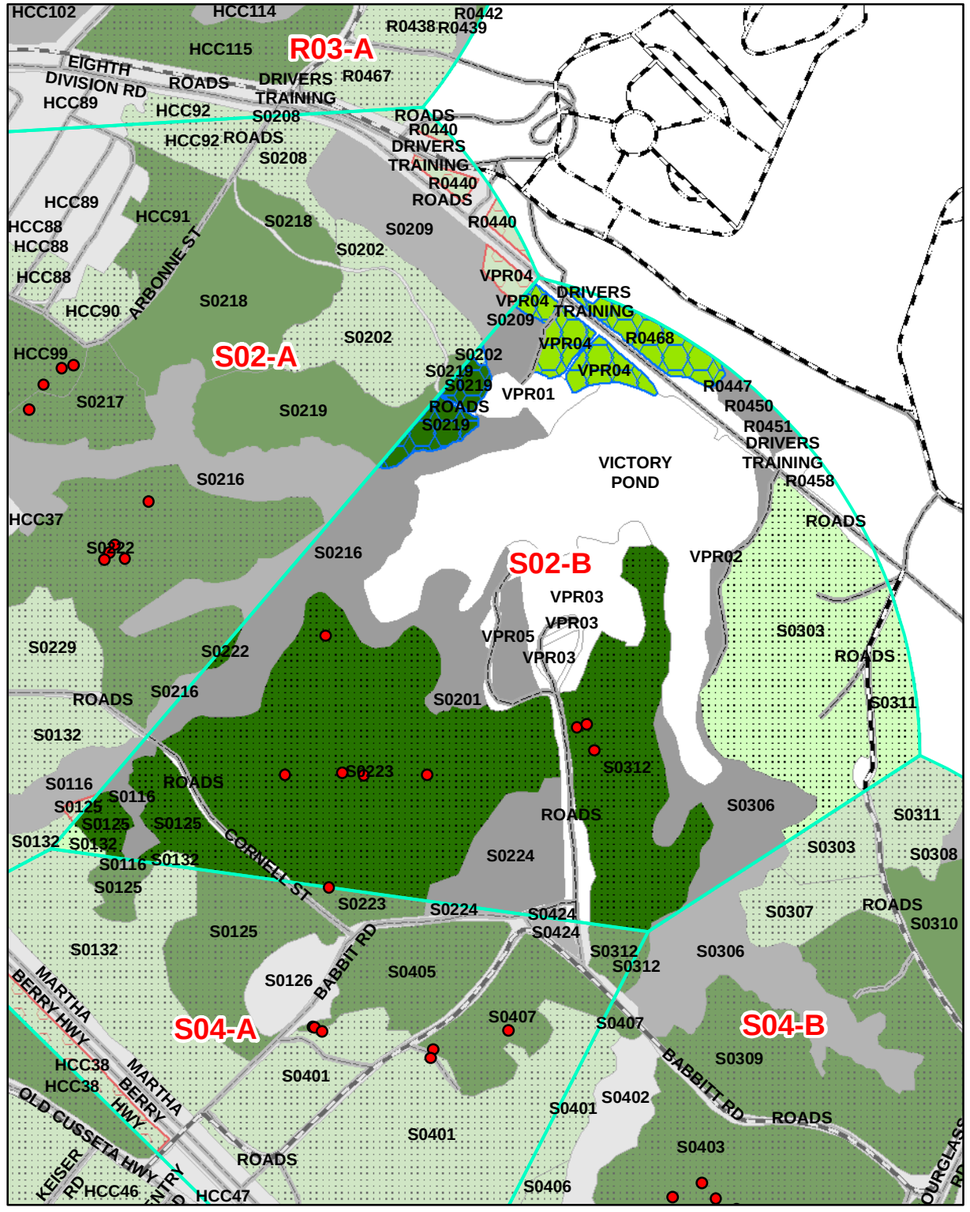
Cluster Location

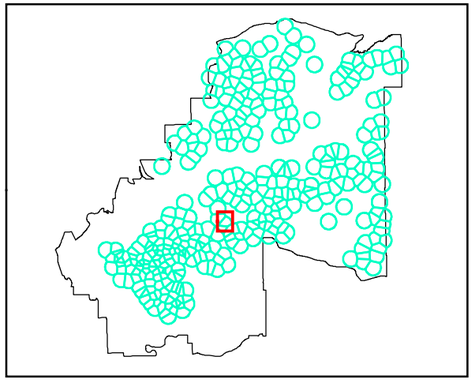
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 108. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **S02-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

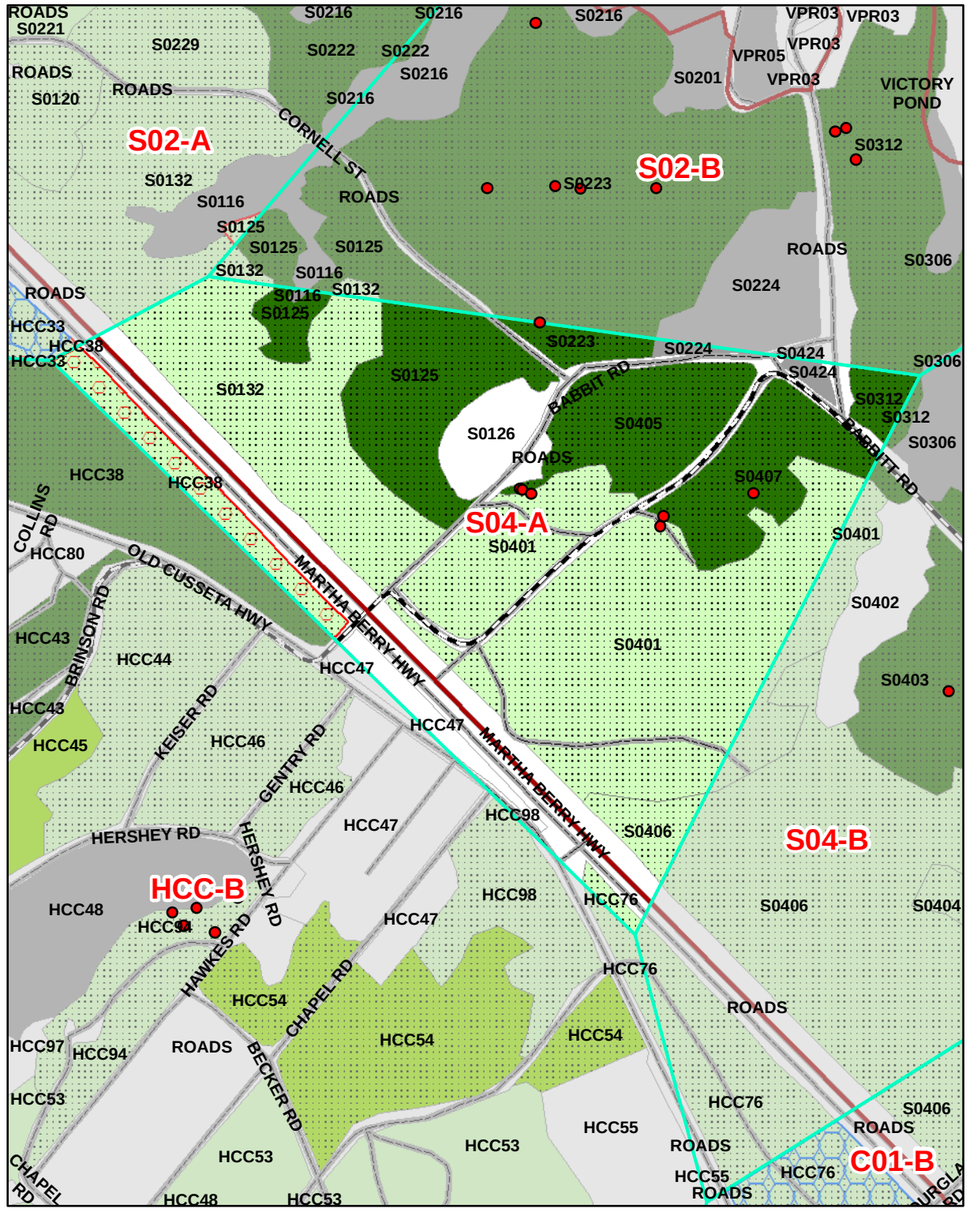
1,500 750 0 1,500 Feet

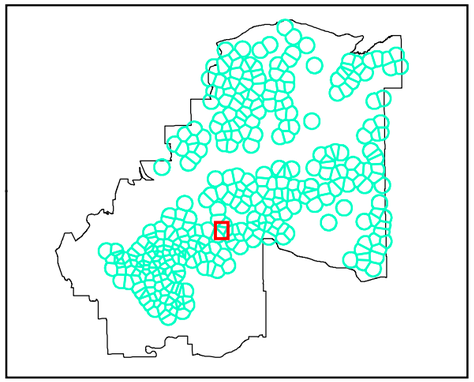
N W E S

Appendix F. Figure 109. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **S02-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





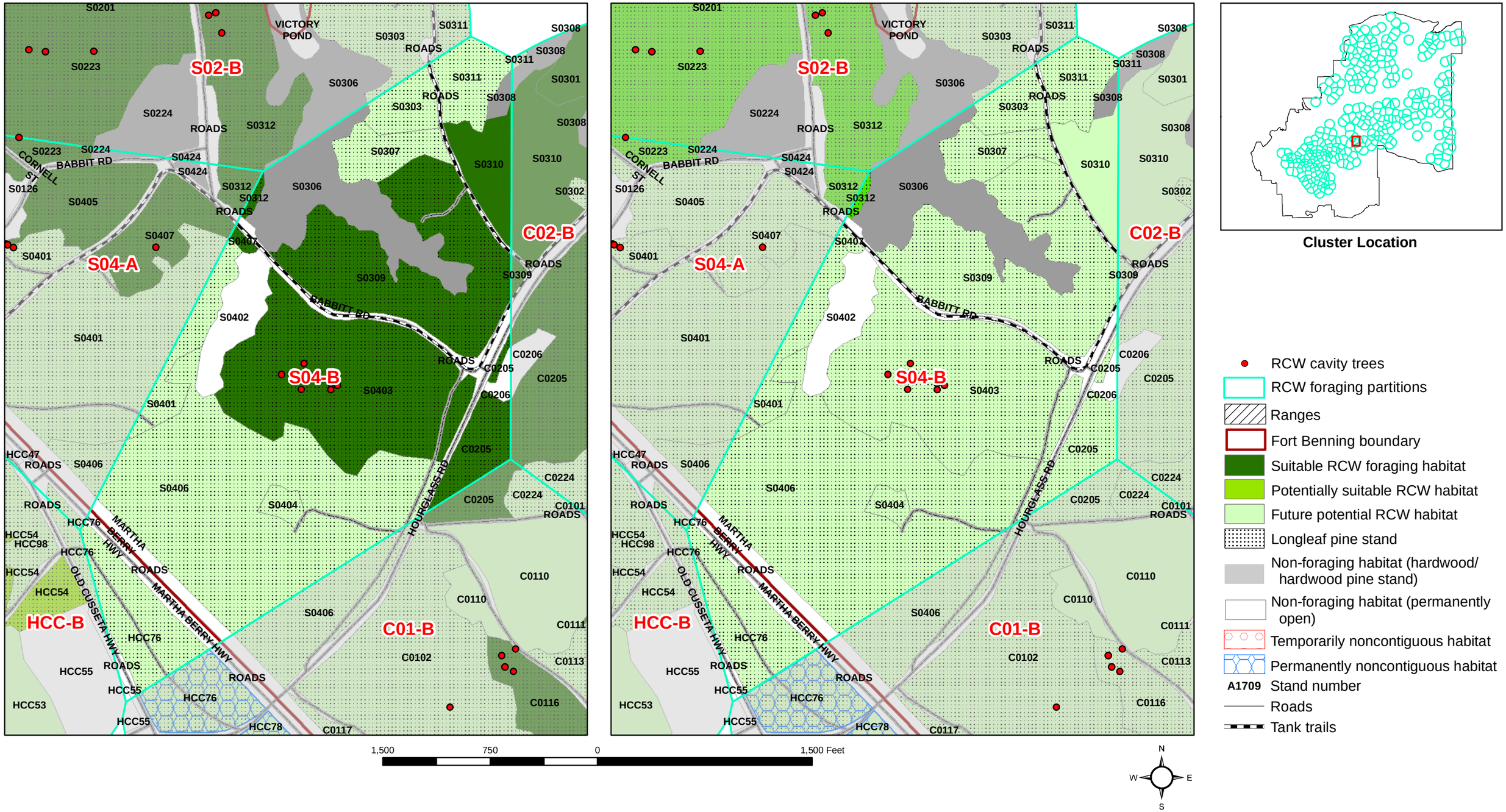
Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 110. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **S04-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard



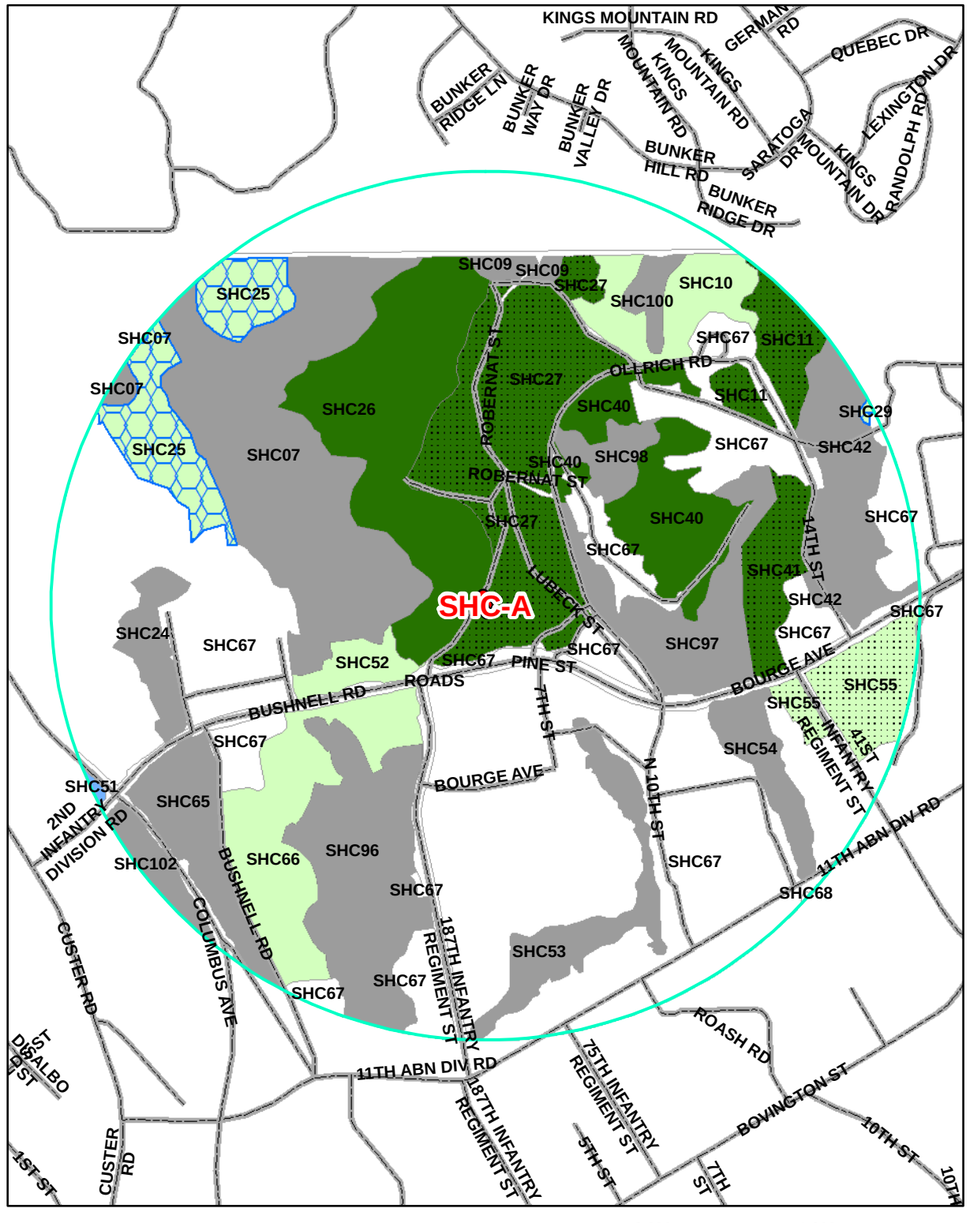
Cluster Location

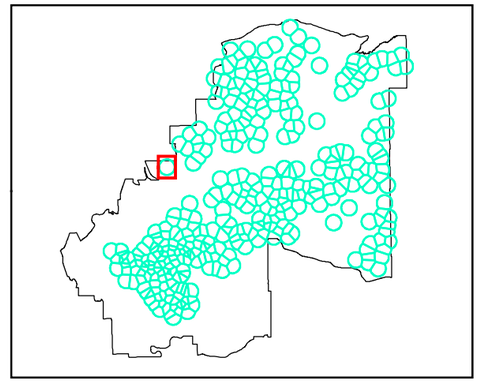
- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 111. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **S04-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Minimally-managed pine habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

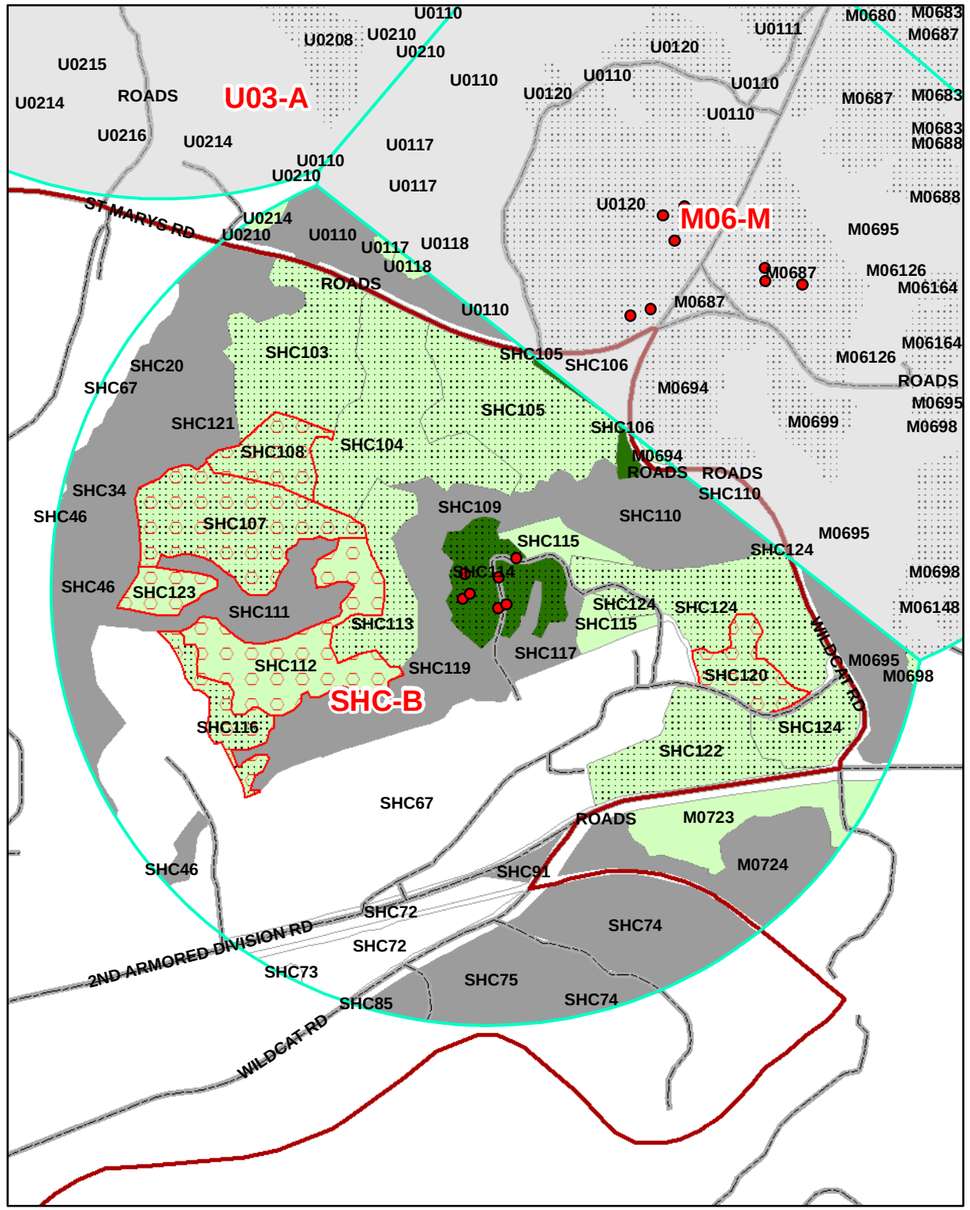
2,000 1,000 0 2,000 Feet

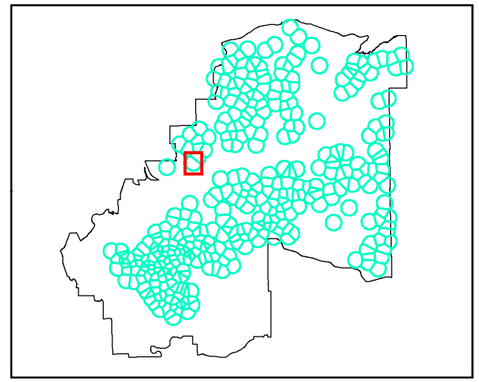
N W E S

Appendix F. Figure 112. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **SHC-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

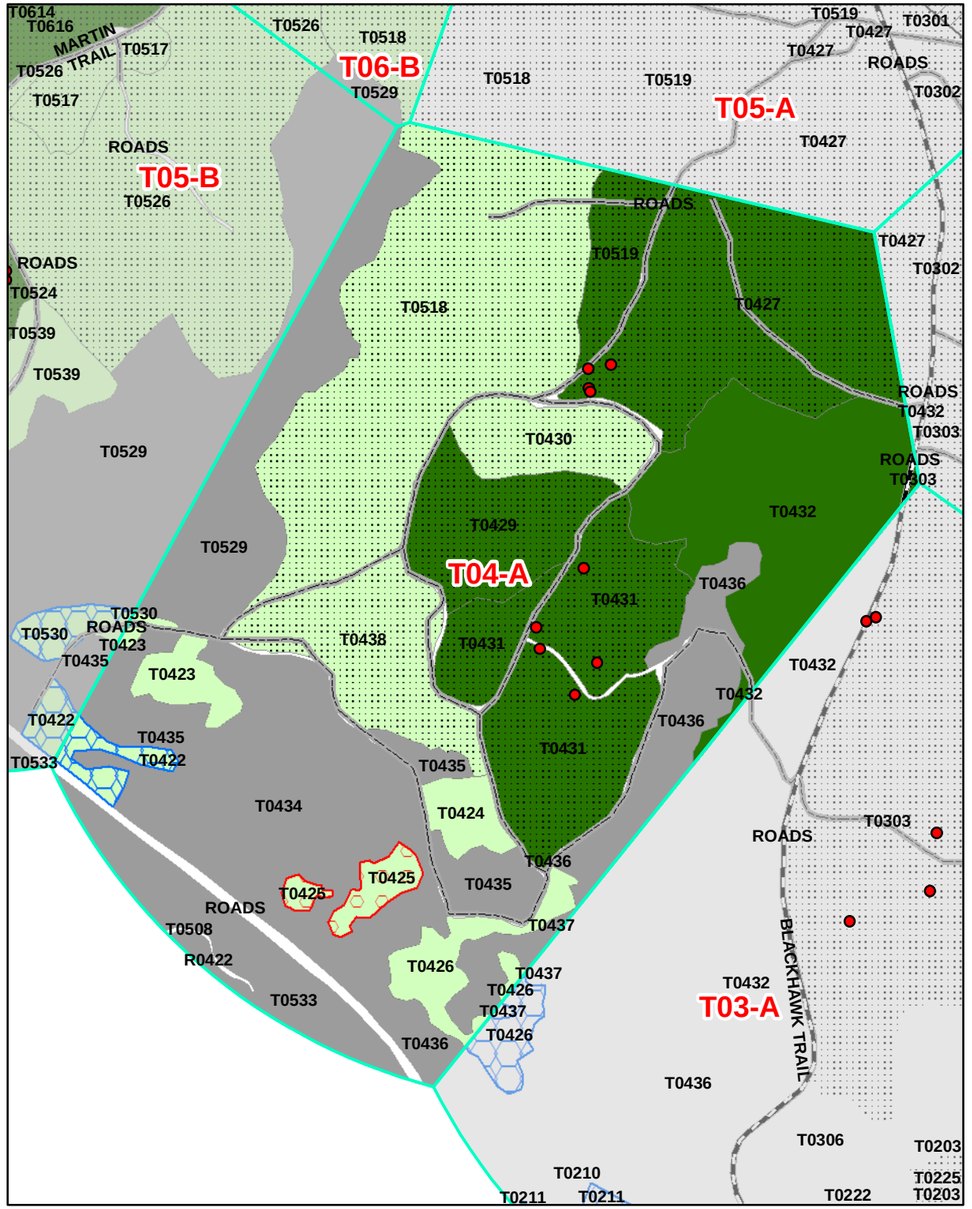
2,000 1,000 0 2,000 Feet

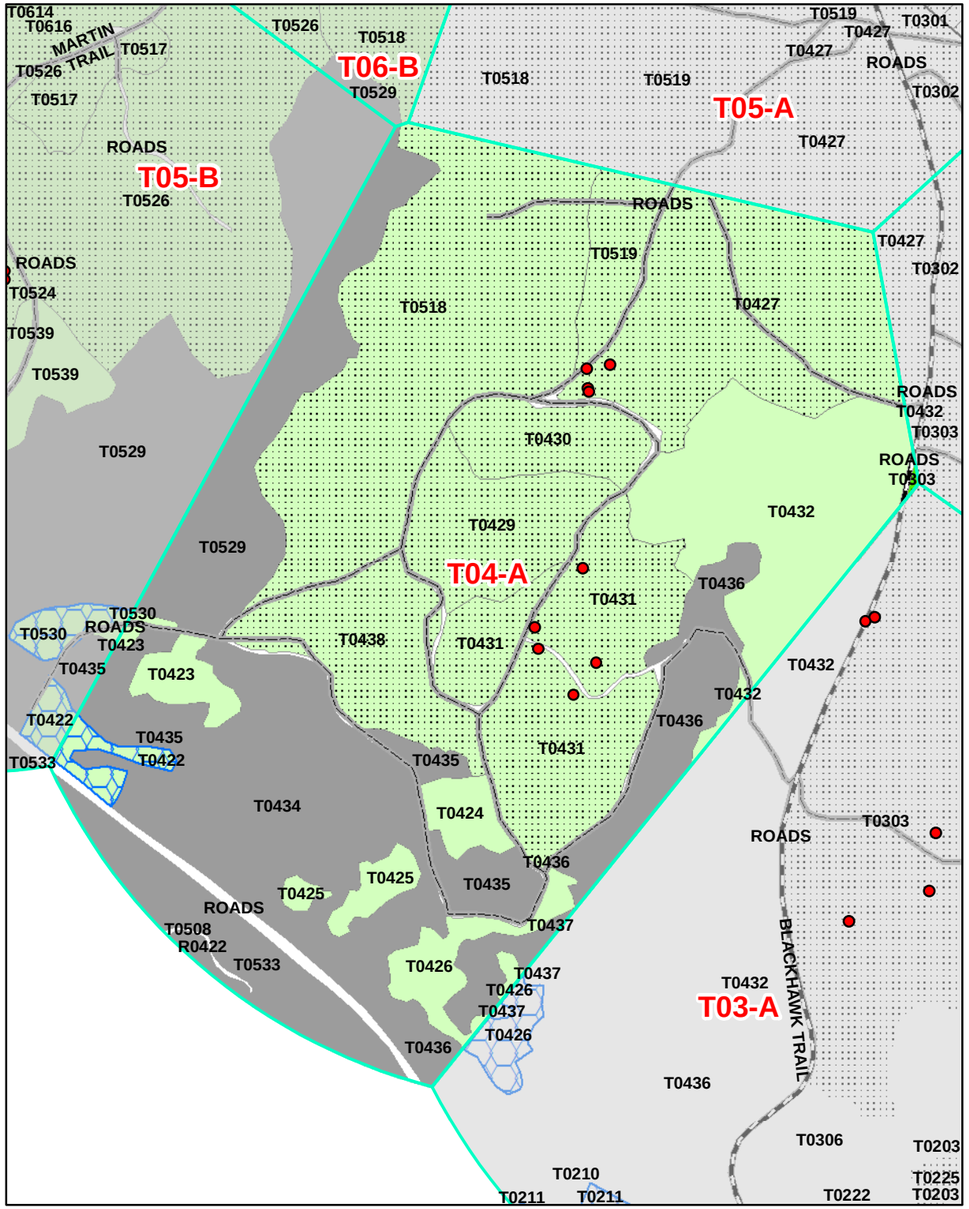
N W E S

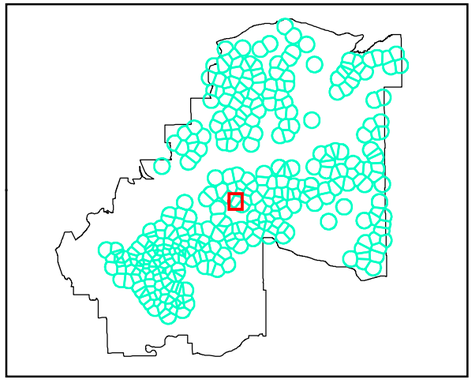
Appendix F. Figure 113. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **SHC-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard







Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

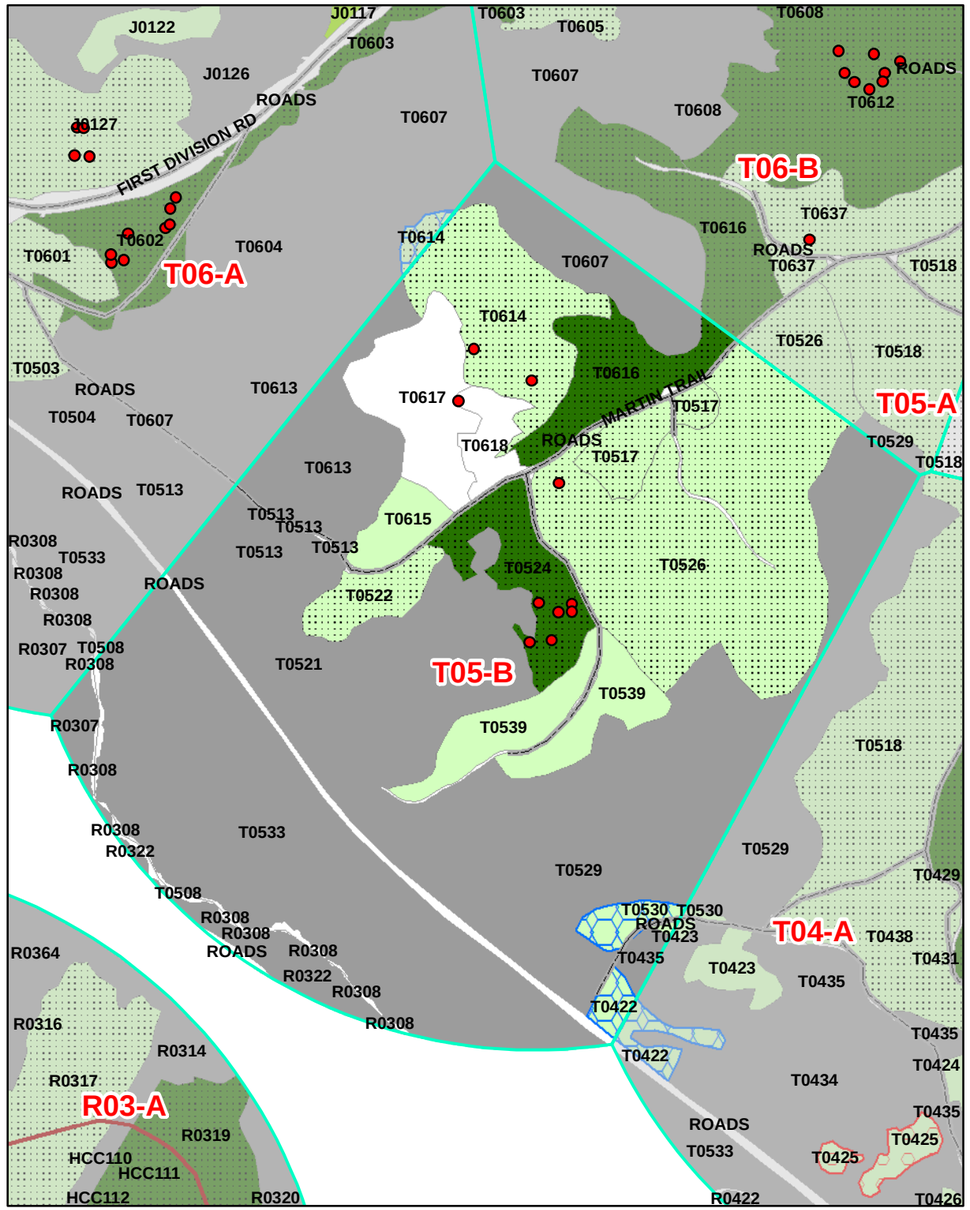
1,500 750 0 1,500 Feet

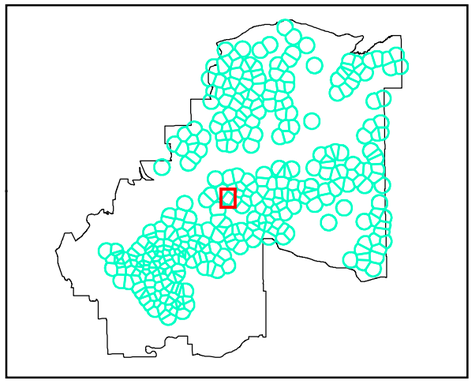
N W E S

Appendix F. Figure 114. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **T04-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

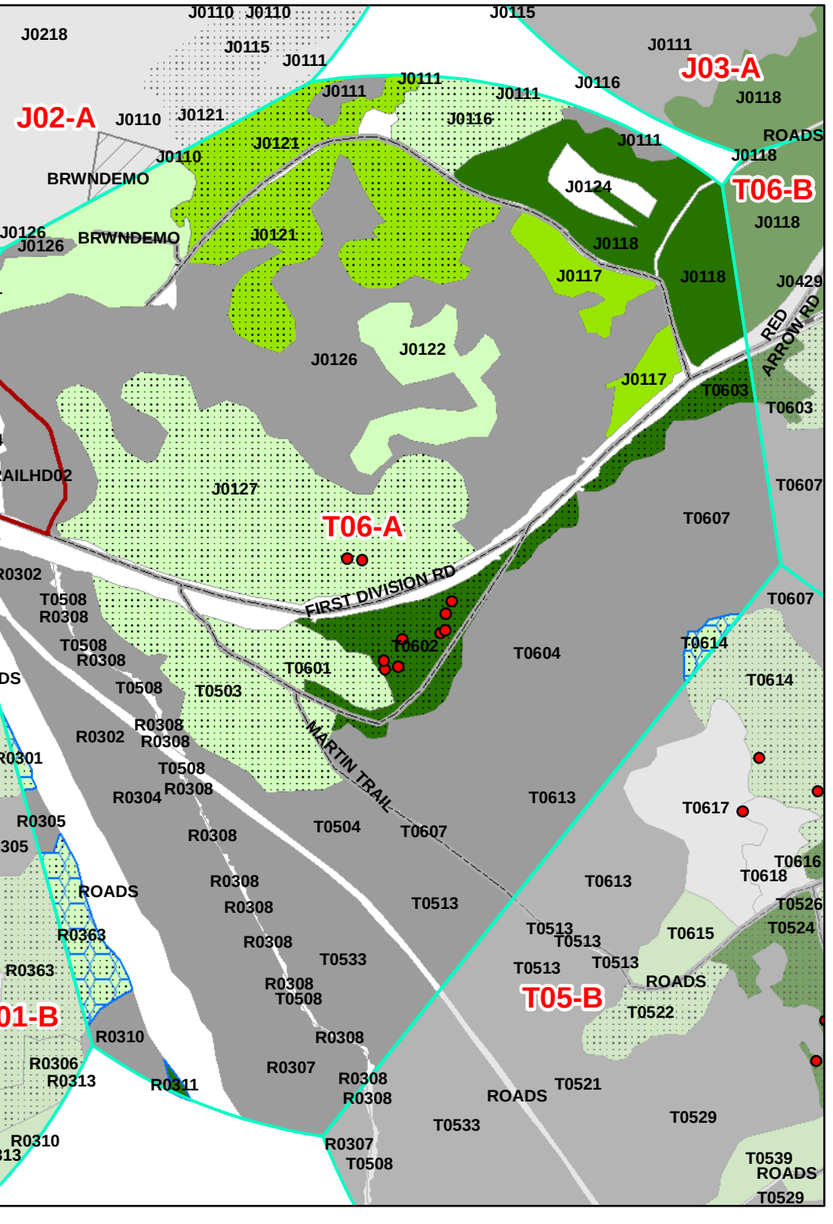
1,500 750 0 1,500 Feet

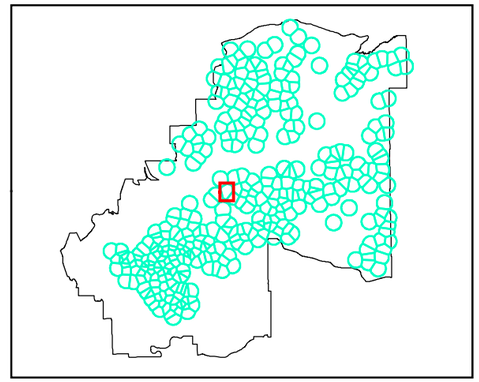
N W E S

Appendix F. Figure 115. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **T05-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

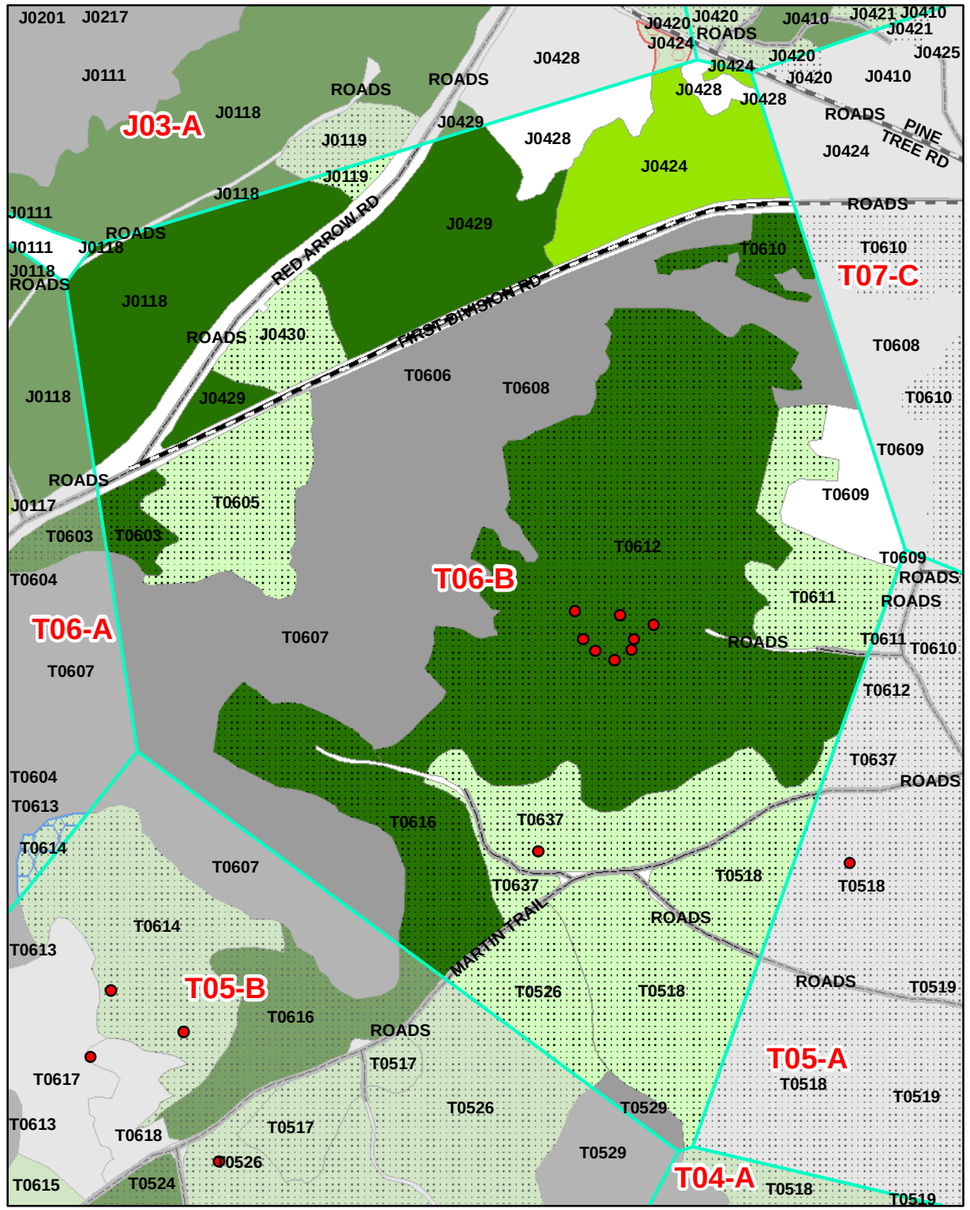
1,500 750 0 1,500 Feet

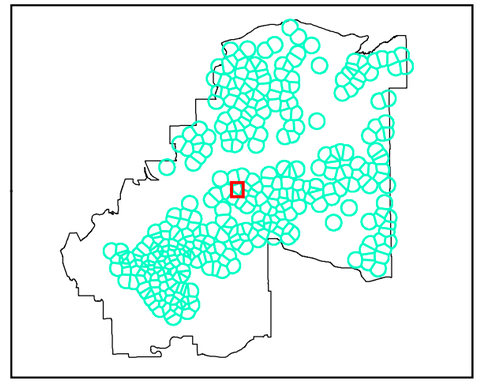
N W E S

Appendix F. Figure 116. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **T06-A** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

Managed Stability Standard

Recovery Standard





Cluster Location

- RCW cavity trees
- RCW foraging partitions
- Ranges
- Fort Benning boundary
- Suitable RCW foraging habitat
- Potentially suitable RCW habitat
- Future potential RCW habitat
- Longleaf pine stand
- Non-foraging habitat (hardwood/ hardwood pine stand)
- Non-foraging habitat (permanently open)
- Temporarily noncontiguous habitat
- Permanently noncontiguous habitat
- A1709 Stand number
- Roads
- Tank trails

Appendix F. Figure 117. Red-cockaded woodpecker (RCW) habitat within the 0.5 mile radius foraging partition for Cluster **T06-B** using the Managed Stability Standard and the Recovery Standard (USFWS 2003), Fort Benning, Georgia, 2014.

APPENDIX G

STATUS OF ALL FORT BENNING
RED-COCKADED WOODPECKER CLUSTERS
POST-ENHANCED TRAINING ACTION

Appendix G. Activity, group status, Incidental Take ("take") status, Standard for Managed Stability and potentially suitable habitat (regardless of temporary contiguity) and total potentially manageable contiguous pine habitat for all red-cockaded woodpecker clusters located on Fort Benning, Georgia. Totals and "take" status reflect post-Enhanced Training Action data.

Cluster ID	Old Cluster ID	Activity	2014 Breeding Status	MSS Suitable and Potentially Suitable Habitat*	Total Potentially Manageable Contiguous Pine Habitat	Comments
A02-A*	A04-01	Active	PBG	69.72	185.81	
A03-A	A04-02	Active	PBG	47.08	51.77	
A03-C	N/A	Active	PBG	99.37	114.61	
A06-A	A06-02	Active	PBG	117.55	178.06	
A08-A	A06-01	Active	PBG	125.32	187.41	
A09-A	A07-01	Active	PBG	104.92	126.94	
A09-B	A07-02	Active	PBG	49.90	167.08	
A09-C	A07-03	Active	PBG	68.34	87.20	
A10-A	A08-02a	Active	CAP	18.56	18.56	
A10-B	A08-02b	Active	PBG	32.17	71.42	
A10-C	N/A	Active	PBG	119.79	130.98	
A10-D	N/A	Active	PBG	71.34	84.59	
A11-A	A08-01	Active	PBG	104.01	117.06	
A11-B	A08-03	Active	PBG	121.10	138.43	
A11-C	A08-04	Active	PBG	34.18	116.60	
A13-A	A09-04	Active	PBG	90.78	135.27	
A13-B	A09-05	Active	PBG	118.48	122.73	
A14-A	A09-02	Active	PBG	73.64	138.36	
A14-B	A09-03	Active	PBG	120.31	128.84	
A14-Bb	N/A	Active	PBG	N/A	N/A	Recent split from A14-B (no partition)
A19-A	A13-01	Active	PBG	144.29	194.66	
A20-02	A20-02	Active	NM	0.00	52.58	
A20-04	A20-04	Active	PBG	63.07	210.46	
A20-05	A20-05	Active	PBG	0.85	130.40	
A20-06	A20-06	Active	CAP	38.68	111.69	
A20-07	A20-07	Active	PBG	0.00	89.24	
A20-08	A20-08	Active	PBG	0.00	84.31	
A20-09	A20-09	Active	PBG	0.00	45.42	
A20-10	N/A	Active	PBG	0.87	145.69	
A20-12	N/A	Active	PBG	0.00	51.90	
A20-13	N/A	Active	PBG	0.00	69.60	
A20-14	N/A	Active	PBG	0.00	128.53	
A20-16	N/A	Active	PBG	0.00	60.81	
A20-17	N/A	Active	PBG	0.00	48.41	
A20-19	N/A	Active	PBG	0.00	63.96	
A20-20	A20-20	Active	PBG	0.00	57.28	
A20-21	A20-21	Active	PBG	0.00	64.53	
A20-23	A20-23	Active	PBG	0.00	86.95	
A20-24	A20-24	Active	PBG	0.00	104.31	
A20-25	A20-25	Active	PBG	0.00	66.91	
A20-26	A20-26	Active	PBG	0.00	133.59	
A20-27	A20-27	Active	PBG	0.00	98.52	
A20-29	A20-29	Active	PBG	0.00	83.54	
A20-30	A20-30	Active	PBG	0.76	104.22	

PBG = Potential Breeding Group
CAP = Captured
SOL = Solitary Male
NM = Not Monitored
INA = Inactive
N/A = Not applicable

*Includes stands that may be temporarily noncontiguous

Highlighted clusters are "taken" - see last page for more information

Appendix G (continued). Activity, group status, Incidental Take ("take") status, Standard for Managed Stability and potentially suitable habitat (regardless of temporary contiguity) and total potentially manageable contiguous pine habitat for all red-cockaded woodpecker clusters located on Fort Benning, Georgia. Totals and "take" status reflect post-Enhanced Training Action data.

Cluster ID	Old Cluster ID	Activity	2014 Breeding Status	MSS Suitable and Potentially Suitable Habitat*	Total Potentially Manageable Contiguous Pine Habitat	Comments
A20-32	A20-32	Active	PBG	0.00	121.41	
A20-33	A20-33	Active	PBG	0.00	52.39	
A20-34	A20-34	Active	UNK	0.00	110.78	
A20-35	A20-35	Active	PBG	0.00	66.68	
A20-36	A20-36	Active	NM	0.00	75.42	
A20-37	A20-37	Active	PBG	0.00	41.61	
A20-38	A20-38	Active	PBG	0.00	49.55	
A20-39	A20-39	Active	PBG	0.00	58.49	
A20-40	A20-40	Active	PBG	0.00	129.78	
A20-41	A20-41	Active	PBG	0.00	86.99	
A20-42	A20-42	Active	PBG	0.00	89.27	
A20-43	A20-43	Active	PBG	0.00	27.28	
A20-44	A20-44	Active	UNK	0.00	77.22	
A20-45	A20-45	Active	PBG	0.00	54.87	
A20-46	A20-46	Active	PBG	0.00	50.55	
A20-47	A20-47	Inactive	INA	0.00	166.11	
A20-48	A20-48	Active	PBG	0.00	77.43	
A20-49	A20-49	Active	PBG	0.00	127.65	
A20-50	A20-50	Active	UNK	0.00	84.61	
A20-51	A20-51	Active	UNK	0.00	55.76	
A20-52	A20-52	Active	UNK	0.00	149.08	
A20-53	A20-53	Active	PBG	0.00	51.45	
A20-54	A20-54	Active	UNK	0.00	39.05	
A20-55	A20-55	Active	PBG	0.00	76.33	
A20-57	A20-57	Active	UNK	0.00	62.98	
A20-58	A20-58	Active	NM	0.00	52.78	
A20-59	A20-59	Active	NM	0.00	44.43	
A20-60	A20-60	Active	PBG	0.00	121.79	
A20-61	A20-61	Active	PBG	0.00	29.57	
A20-62	A20-62	Active	PBG	0.00	37.01	
A20-64	A20-64	Active	PBG	45.88	172.57	
A20-65	A20-65	Active	NM	0.00	110.98	
A20-66	A20-66	Active	PBG	0.00	231.34	
A20-67	A20-67	Active	NM	0.00	131.32	
A20-68	A20-68	Active	NM	0.00	48.95	
A20-70	A20-70	Active	PBG	0.00	82.59	
A20-71	A20-71	Active	PBG	0.00	100.04	
A20-72	A20-72	Active	PBG	0.00	43.68	
A20-73	A20-73	Active	PBG	0.00	72.58	
A20-74	A20-74	Active	PBG	0.00	51.52	
A20-75	A20-75	Active	PBG	0.00	76.62	
A20-76	A20-76	Active	PBG	0.00	55.11	
A20-79	A20-79	Active	UNK	0.00	70.71	

PBG = Potential Breeding Group
CAP = Captured
SOL = Solitary Male
NM = Not Monitored
INA = Inactive
N/A = Not applicable

*Includes stands that may be temporarily noncontiguous

Highlighted clusters are "taken" - see last page for more information

Appendix G (continued). Activity, group status, Incidental Take ("take") status, Standard for Managed Stability and potentially suitable habitat (regardless of temporary contiguity) and total potentially manageable contiguous pine habitat for all red-cockaded woodpecker clusters located on Fort Benning, Georgia. Totals and "take" status reflect post-Enhanced Training Action data.

Cluster ID	Old Cluster ID	Activity	2014 Breeding Status	MSS Suitable and Potentially Suitable Habitat*	Total Potentially Manageable Contiguous Pine Habitat	Comments
A20-80	A20-80	Active	UNK	0.00	29.27	
A20-81	A20-81	Active	PBG	0.00	29.71	
A20-82	N/A	Active	PBG	0.00	69.27	
A21-A	A15-3	Active	PBG	68.50	113.53	
A21-B	A15-5	Active	PBG	65.45	65.45	
A21-C	N/A	Active	SOL	64.58	88.27	
A21-D	N/A	Active	PBG	116.04	140.20	
A22-A	A15-02	Active	PBG	69.63	69.63	
A22-B	A15-03	Active	PBG	64.78	75.68	
A22-C	A15-04	Active	PBG	109.61	127.55	
A22-Cb	N/A	Active	PBG	N/A	N/A	Recent split from A22-C (no partition)
A22-D	A15-05	Active	PBG	125.10	126.51	
A22-E	A15-08	Active	PBG	70.51	70.51	
A22-F	N/A	Active	PBG	56.12	56.12	
A22-G	N/A	Active	PBG	N/A	N/A	No partition
A23-A	A15-07	Active	PBG	85.32	85.32	
A23-B	A15-09e	Active	PBG	71.69	79.49	
A23-C	A15-09w	Active	PBG	52.28	52.46	
A23-D	A15-10	Active	PBG	141.34	194.10	
A24-A	A17-01	Active	PBG	139.43	139.43	
A24-B	A17-02	Active	PBG	59.88	108.99	
A24-C	A17-05	Active	PBG	116.66	125.41	
A24-D	A17-07	Active	PBG	101.60	101.60	
A25-A	A17-14a	Active	PBG	73.78	96.12	
A25-B	A17-4b	Active	PBG	70.15	78.74	
A25-C	A17-5	Active	PBG	96.68	108.23	
A26-A	A17-03	Active	PBG	112.20	112.20	
A26-Ab	N/A	Active	PBG	N/A	N/A	Recent split from A26-A (no partition)
A26-B	A17-04	Active	PBG	95.24	95.24	
A26-C	A17-06	Active	PBG	81.14	103.69	
A26-D	A17-08	Active	PBG	96.38	113.76	
A26-E	A17-1	Active	PBG	81.57	83.16	
A26-F	A17-3	Active	PBG	101.98	101.98	
A26-G	A17-6	Active	PBG	60.35	60.35	
A27-A	A17-2	Active	PBG	81.03	105.79	
A28-A	A18-01	Active	PBG	0.00	132.78	
A28-B	A18-02	Active	PBG	74.01	159.34	
A29-A	A02-02	Active	PBG	144.83	242.07	
A30-A	A01-01	Active	PBG	34.39	38.55	
A30-B	A01-02	Active	PBG	34.91	148.20	
A30-C	A01-03	Active	PBG	23.26	80.25	
A30-D	A01-04	Active	PBG	56.65	61.52	
A30-E	A01-05	Active	PBG	101.17	117.90	
A30-F	A01-06	Active	PBG	79.71	79.71	

PBG = Potential Breeding Group SOL = Solitary Male INA = Inactive
CAP = Captured NM = Not Monitored N/A = Not applicable

*Includes stands that may be temporarily noncontiguous Highlighted clusters are "taken" - see last page for more information

Appendix G (continued). Activity, group status, Incidental Take ("take") status, Standard for Managed Stability and potentially suitable habitat (regardless of temporary contiguity) and total potentially manageable contiguous pine habitat for all red-cockaded woodpecker clusters located on Fort Benning, Georgia. Totals and "take" status reflect post-Enhanced Training Action data.

Cluster ID	Old Cluster ID	Activity	2014 Breeding Status	MSS Suitable and Potentially Suitable Habitat*	Total Potentially Manageable Contiguous Pine Habitat	Comments
A30-G	A01-07	Active	PBG	97.90	100.11	
A30-H	A01-08	Active	PBG	61.68	68.94	
AA04-A	A14-03	Active	PBG	71.48	96.71	
AA04-B	N/A	Active	PBG	64.42	71.21	
BB01-A	BB05-01	Active	PBG	147.11	149.65	
BB01-B	N/A	Active	PBG	151.36	183.89	
BB08-A*	BB03-01	Active	PBG	64.80	184.90	
BB10-A	BB04-01	Active	PBG	135.16	157.29	
C01-A	C01-02	Active	PBG	75.35	187.39	
C01-B	C01-03	Active	CAP	16.07	96.01	
C01-C	C01-04	Active	PBG	70.80	86.36	
C02-A	C01-05	Active	PBG	52.65	52.85	
C02-B	C01-06	Active	PBG	87.79	123.16	
C03-A	C02-01	Active	PBG	58.29	113.04	
C03-B	N/A	Active	PBG	102.71	185.79	
C04-A	C02-02	Active	PBG	150.82	265.74	
D03-A	D15-01	Active	PBG	212.73	295.32	
D04-A	D03-01	Active	PBG	99.57	99.57	
D04-B	D03-02	Active	PBG	98.85	120.74	
D04-C	D04-01	Active	PBG	94.17	106.13	
D06-A	D05-01	Active	PBG	132.89	182.48	
D06-B	D05-04	Active	PBG	216.41	266.83	
D07-A	D05-02	Active	PBG	119.78	157.61	
D07-B	D05-03	Active	PBG	27.15	91.57	
D09-A*	D17-02	Active	PBG	75.22	190.66	
D09-B	D17-03	Active	PBG	51.22	81.65	
D09-C	D17-04	Active	CAP	102.77	205.49	
D11-A	D11-01	Active	PBG	93.86	139.96	
D11-B	D11-02	Active	PBG	111.49	126.08	
D11-C	D11-03	Active	PBG	44.09	109.37	
D11-D	D12-01	Active	PBG	159.49	222.90	
D12-A	D10-01	Active	PBG	6.56	99.28	
D13-A	D17-01	Active	PBG	138.23	280.45	
D14-A	D16-01	Active	PBG	107.22	223.50	
D14-B	D16-02	Active	PBG	0.00	182.69	
D15-A	D06-01	Active	PBG	66.66	154.11	
D19-A	D08-01	Active	SOL	79.14	170.26	
DRC-A	D13-01	Active	PBG	51.62	120.48	
DRC-B	D13-02	Active	PBG	87.17	141.59	
DRC-C	J06-01a	Active	PBG	85.16	109.32	
DRC-D	J06-01b	Active	SOL	124.15	222.09	
E01-A	E07-01a	Active	PBG	79.43	83.98	
E01-B	E07-01b	Active	PBG	51.52	71.21	
E01-C	E07-02	Active	PBG	74.14	121.78	

PBG = Potential Breeding Group
CAP = Captured
SOL = Solitary Male
NM = Not Monitored
INA = Inactive
N/A = Not applicable

*Includes stands that may be temporarily noncontiguous

Highlighted clusters are "taken" - see last page for more information

Appendix G (continued). Activity, group status, Incidental Take ("take") status, Standard for Managed Stability and potentially suitable habitat (regardless of temporary contiguity) and total potentially manageable contiguous pine habitat for all red-cockaded woodpecker clusters located on Fort Benning, Georgia. Totals and "take" status reflect post-Enhanced Training Action data.

Cluster ID	Old Cluster ID	Activity	2014 Breeding Status	MSS Suitable and Potentially Suitable Habitat*	Total Potentially Manageable Contiguous Pine Habitat	Comments
E01-D	E07-03	Active	PBG	70.29	102.51	
E01-E	E07-07	Active	PBG	49.90	76.85	
E01-F	E07-08a	Active	PBG	44.00	44.00	
E01-G	E07-08b	Active	PBG	53.11	54.33	
E01-H	E07-09	Active	PBG	60.20	118.04	
E02-A	KPR-01	Active	PBG	132.44	156.93	
E03-A	E02-01	Active	PBG	121.65	230.69	
E04-A	E03-01	Active	PBG	128.86	133.53	
E05-A	E03-03	Active	PBG	71.44	161.60	
E05-B	E08-04	Active	PBG	99.44	154.12	
E06-A	E04-01	Active	PBG	106.13	156.67	
E07-A	E03-02	Active	PBG	96.37	131.83	
E07-B	N/A	Active	PBG	167.15	279.50	
E08-A	E08-02	Active	PBG	48.51	97.15	
E08-B	E08-03	Active	PBG	23.50	110.83	
E08-C	E08-05	Active	PBG	100.02	172.57	
E09-A	E07-05	Active	PBG	140.95	150.36	
E09-B	E07-06	Active	PBG	69.82	92.14	
E10-A	E05-02	Inactive	INA	61.33	79.71	
E11-A	E05-03	Active	PBG	112.65	145.48	
E11-B	E05-05	Active	PBG	96.92	174.59	
F02-A	F01-02	Inactive	INA	37.49	213.14	
F05-A	F02-01	Active	PBG	50.86	211.08	
F06-A	F04-02	Active	PBG	151.71	237.29	
F07-A	F04-01	Active	PBG	97.67	155.56	
F07-B	F04-04	Active	PBG	64.80	81.28	
F07-C	F04-05	Active	PBG	66.85	170.36	
F09-A	F05-01	Active	PBG	127.55	159.67	
F09-B	F05-02	Active	SOL	36.15	102.84	
G02-A	G07-01	Active	PBG	218.43	336.48	
G06-A	G05-01	Active	PBG	126.02	232.87	
G06-B	G05-02	Active	PBG	80.93	116.16	
G06-C	G05-03	Active	SOL	69.52	97.92	
G06-D	G05-04	Active	PBG	167.04	203.03	
G07-A	G06-02	Active	SOL	84.27	137.61	
G08-A	G06-01	Active	PBG	85.77	150.83	
GRC-A	A16-01	Active	PBG	66.13	67.01	
GRC-B	A16-02	Active	PBG	101.28	107.36	
H04-A	H03-01	Active	PBG	247.63	340.75	
H05-A	H01-02	Active	PBG	58.09	92.24	
H05-B	N/A	Active	PBG	153.81	249.17	
HCC-A	HCC-04	Active	PBG	187.06	226.66	
HCC-B	HCC-08	Active	PBG	83.61	182.60	
HCC-C*	HCC-10R	Active	PBG	62.87	149.98	

PBG = Potential Breeding Group
CAP = Captured
SOL = Solitary Male
NM = Not Monitored
INA = Inactive
N/A = Not applicable

*Includes stands that may be temporarily noncontiguous

Highlighted clusters are "taken" - see last page for more information

Appendix G (continued). Activity, group status, Incidental Take ("take") status, Standard for Managed Stability and potentially suitable habitat (regardless of temporary contiguity) and total potentially manageable contiguous pine habitat for all red-cockaded woodpecker clusters located on Fort Benning, Georgia. Totals and "take" status reflect post-Enhanced Training Action data.

Cluster ID	Old Cluster ID	Activity	2014 Breeding Status	MSS Suitable and Potentially Suitable Habitat*	Total Potentially Manageable Contiguous Pine Habitat	Comments
HCC-D*	HCC-11R	Active	PBG	24.99	176.48	
HRC-A	K12-01	Active	PBG	137.94	407.97	
HRC-B	N/A	Active	PBG	N/A	N/A	Split from HRC-A (no partition)
J02-A	J01-01	Active	PBG	6.54	218.86	
J03-A*	J01-02	Active	PBG	75.02	221.61	
J04-A	J03-01	Active	PBG	120.91	176.67	
J04-B	J03-02	Active	PBG	63.58	147.47	
J07-A	J04-01	Active	PBG	79.33	190.60	
J07-B	J05-01	Active	PBG	134.00	221.18	
J08-A	J05-03	Active	PBG	67.63	152.46	
J09-A	J06-03	Active	PBG	233.59	269.82	
K03-A	K01-01	Active	PBG	218.51	307.49	
K04-A	O12-02	Active	PBG	92.65	97.46	
K06-A	K03-01	Inactive	INA	190.91	190.95	
K07-A	K05-01	Active	PBG	237.15	293.46	
K12-A	K13-04	Active	PBG	104.38	283.09	
K12-B	K13-06	Active	PBG	164.08	307.69	
K13-A	K13-01	Active	PBG	97.54	160.71	
K13-B	K13-02	Active	PBG	96.34	192.37	
K13-C	K13-05	Inactive	INA	60.08	178.28	
K13-D	N/A	Active	PBG	30.94	283.63	
K14-A	K08-01	Active	PBG	90.85	92.82	
K14-B	K08-02	Active	PBG	130.47	130.47	
K16-A	K08-03	Active	PBG	82.13	136.71	
K16-B	K08-04	Active	PBG	108.18	177.68	
K20-A	K09-01	Active	PBG	91.86	137.92	
K20-B	K09-02	Active	PBG	99.60	216.35	
K20-C*	K09-03	Active	SOL	140.10	233.34	
K21-A	K11-05	Active	PBG	83.85	234.41	
K23-A	K10-01	Active	PBG	80.16	192.52	
K23-B	K11-03	Active	PBG	136.34	175.21	
K24-A	K11-02	Active	PBG	156.39	286.98	
K24-B	K11-04	Active	PBG	70.73	193.83	
K25-A	K14-01	Active	PBG	117.25	212.93	
K26-A	K17-02	Active	PBG	108.94	152.77	
K26-B	K17-05	Active	PBG	142.64	285.92	
K27-A	K17-01	Active	PBG	126.67	149.66	
K27-B	K17-03	Active	PBG	125.77	308.44	
K27-C	K17-04	Active	PBG	189.31	334.56	
K28-A	K18-01a	Active	PBG	53.20	144.14	
K28-B	K18-01b	Active	PBG	134.92	208.03	
K28-C	K18-02	Active	PBG	211.90	290.14	
K31-A	K20-01	Active	PBG	106.40	209.75	
K31-B	K20-02	Active	PBG	151.82	155.77	

PBG = Potential Breeding Group
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SOL = Solitary Male
NM = Not Monitored
INA = Inactive
N/A = Not applicable

*Includes stands that may be temporarily noncontiguous

Highlighted clusters are "taken" - see last page for more information

Appendix G (continued). Activity, group status, Incidental Take ("take") status, Standard for Managed Stability and potentially suitable habitat (regardless of temporary contiguity) and total potentially manageable contiguous pine habitat for all red-cockaded woodpecker clusters located on Fort Benning, Georgia. Totals and "take" status reflect post-Enhanced Training Action data.

Cluster ID	Old Cluster ID	Activity	2014 Breeding Status	MSS Suitable and Potentially Suitable Habitat*	Total Potentially Manageable Contiguous Pine Habitat	Comments
K31-C	K20-04	Active	PBG	205.66	236.58	
K32-A	K20-03	Inactive	INA	87.17	236.70	
K34-A	K21-04	Active	PBG	83.39	266.89	
K34-B	K21-06	Active	PBG	138.40	181.06	
K35-A	K18-03	Active	PBG	13.43	147.52	
K35-B	K21-01	Active	PBG	59.31	70.35	
K35-C	K21-02	Active	PBG	179.24	210.50	
K35-D	K21-05	Active	PBG	185.22	193.30	
K36-A	K22-01	Active	PBG	91.55	232.74	
K37-A	K22-02	Active	PBG	122.46	150.38	
K37-B	K22-03	Active	PBG	128.32	170.66	
L06-A	L02-02	Active	PBG	50.26	161.38	
L07-A	L03-01	Active	PBG	49.62	116.84	
M01-A	M01-01	Active	PBG	44.87	95.95	
M02-A	M02-01	Active	PBG	163.44	181.98	
M06-A	M06-01	Active	PBG	165.52	211.95	
M06-B	M06-02	Active	PBG	22.60	130.68	
M06-C*	M06-03	Active	PBG	44.30	98.77	
M06-D	M06-04	Active	PBG	89.43	95.27	
M06-E	M06-05	Active	PBG	0.00	98.92	
M06-F	M06-06a	Inactive	INA	88.34	158.67	
M06-G	M06-06b	Active	PBG	91.04	206.38	
M06-H	M06-07	Active	PBG	56.25	100.12	
M06-I	M06-08	Active	PBG	51.95	84.72	
M06-J	M06-10R	Active	PBG	157.43	187.58	
M06-K	M06-12	Active	PBG	183.06	260.48	
M06-L	M06-13R	Active	PBG	36.92	91.41	
M06-M	U05-02	Active	PBG	85.86	169.34	
M06-N	N/A	Active	PBG	137.58	139.81	
N03-A	M08-04	Active	PBG	87.91	199.28	
N04-A	M08-01	Active	PBG	114.14	259.92	
N04-B	M08-02a	Active	PBG	139.05	156.68	
N04-C	M08-02b	Active	PBG	107.15	118.30	
N04-D*	M08-05	Inactive	INA	223.84	246.73	
N05-A	O02-01	Active	PBG	188.71	244.44	
N07-A	N01-02	Active	PBG	120.16	154.19	
N07-B	N02-02	Active	PBG	115.64	135.58	
O01-A	O12-04	Active	PBG	55.58	183.60	
O03-A	O14-02	Active	PBG	36.32	122.89	
O03-B*	O14-03	Active	PBG	115.81	170.75	
O04-A	O14-01	Active	PBG	61.54	128.49	
O04-B	O14-04	Active	PBG	112.28	175.15	
O05-A	O01-01	Active	PBG	129.56	140.58	
O05-B	O01-02	Active	PBG	91.09	154.81	

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Appendix G (continued). Activity, group status, Incidental Take ("take") status, Standard for Managed Stability and potentially suitable habitat (regardless of temporary contiguity) and total potentially manageable contiguous pine habitat for all red-cockaded woodpecker clusters located on Fort Benning, Georgia. Totals and "take" status reflect post-Enhanced Training Action data.

Cluster ID	Old Cluster ID	Activity	2014 Breeding Status	MSS Suitable and Potentially Suitable Habitat*	Total Potentially Manageable Contiguous Pine Habitat	Comments
O06-A	O11-02	Active	PBG	56.58	84.60	
O06-B	O15-01	Active	PBG	23.91	109.31	
O06-C	O15-02	Active	PBG	71.09	123.24	
O06-D	O15-03	Active	PBG	69.12	86.52	
O06-E	O15-04	Active	PBG	29.62	38.62	
O07-A	O13-01	Active	PBG	96.38	113.94	
O07-B	O13-02	Active	PBG	140.66	171.50	
O07-C	O13-06	Active	PBG	110.16	175.97	
O08-A	O12-03	Active	PBG	221.99	238.72	
O10-A*	O10-01	Active	PBG	78.33	202.79	
O10-B	O10-03	Inactive	INA	111.20	141.63	
O11-A	O10-02	Active	PBG	86.92	206.80	
O11-B	O10-04	Active	PBG	133.41	156.91	
O12-A	O11-01	Active	PBG	86.10	138.86	
O14-A	O01-03	Active	PBG	119.95	139.49	
O14-B*	O01-04	Active	PBG	132.69	154.28	
O15-A	O03-01	Active	PBG	59.73	84.49	
O15-B	O03-03	Active	PBG	59.55	149.59	
O15-C	O03-04	Active	PBG	100.59	178.41	
O16-A	O04-05	Active	PBG	111.72	148.45	
O17-A	O08-01	Active	PBG	49.80	163.22	
O17-B	O08-02	Active	PBG	73.39	232.72	
O18-A*	O09-02	Active	PBG	119.22	208.42	
O18-B	O09-03	Active	PBG	100.68	127.54	
O19-A*	K02-01a	Active	PBG	0.00	74.10	
O19-B	K02-01b	Active	CAP	30.42	126.87	
O21-A	O07-03	Active	PBG	199.57	242.05	
O21-B	O08-03	Active	PBG	92.61	194.52	
O23-A	O06-03	Active	PBG	165.01	310.79	
O24-A	O04-01	Active	PBG	5.38	105.55	
O24-B	O04-02	Active	PBG	84.14	126.45	
O24-C	O04-03a	Active	PBG	1.45	125.56	
O24-D	O04-03b	Active	PBG	38.18	124.36	
O25-A	O03-05	Active	PBG	206.21	260.40	
O25-B	O03-06	Active	PBG	120.46	206.47	
O26-A	O03-02	Active	PBG	115.23	155.10	
O26-B	O03-07	Active	PBG	99.63	179.75	
O28-A	O05-01	Active	PBG	224.81	266.68	
O28-B	O05-02	Active	PBG	81.86	104.00	
O30-A	O05-03	Active	PBG	163.00	202.85	
O32-A	O06-04	Active	PBG	110.58	225.21	
O33-A	N/A	Inactive	INA	235.79	242.16	
O34-A	O07-01	Active	PBG	128.60	273.28	
Q03-A	Q02-02	Active	PBG	162.83	166.56	

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Highlighted clusters are "taken" - see last page for more information

Appendix G (continued). Activity, group status, Incidental Take ("take") status, Standard for Managed Stability and potentially suitable habitat (regardless of temporary contiguity) and total potentially manageable contiguous pine habitat for all red-cockaded woodpecker clusters located on Fort Benning, Georgia. Totals and "take" status reflect post-Enhanced Training Action data.

Cluster ID	Old Cluster ID	Activity	2014 Breeding Status	MSS Suitable and Potentially Suitable Habitat*	Total Potentially Manageable Contiguous Pine Habitat	Comments
Q03-B	Q02-03	Active	PBG	226.85	259.00	
Q03-C	Q02-04	Active	PBG	142.85	214.50	
R01-A	R01-01	Active	PBG	80.30	175.84	
R01-B	R01-03	Active	PBG	42.75	170.26	
R03-A	R02-01	Active	PBG	99.26	211.96	
S02-A*	HCC-03	Active	PBG	76.61	139.75	
S02-B	S02-01	Active	PBG	69.98	101.76	
S04-A*	S01-01	Active	PBG	24.50	101.70	
S04-B	S03-01	Active	PBG	71.73	150.60	
SHC-A	SHC-02	Inactive	INA	100.28	141.75	
SHC-B*	U04-01	Inactive	INA	9.67	149.82	
T03-A	T01-03	Active	PBG	134.37	166.24	
T03-B	T01-06	Active	PBG	136.22	136.22	
T04-A*	T01-02	Active	PBG	86.60	154.22	
T05-A	T01-01	Active	PBG	100.90	125.45	
T05-B	T02-02	Active	PBG	15.80	88.73	
T06-A	J02-02	Active	PBG	55.02	125.61	
T06-B	T02-01	Active	PBG	98.48	148.73	
T07-A	T03-01	Active	PBG	88.53	96.54	
T07-B	T03-02	Active	PBG	164.54	192.29	
T07-C	T03-04	Active	PBG	114.51	145.75	
T08-A	T04-03	Active	PBG	121.77	185.80	
T10-A	T04-01	Active	PBG	123.08	148.75	
T10-B	T05-02	Active	PBG	93.32	182.25	
T11-A	T05-01	Active	PBG	49.80	202.99	
U01-A	U05-01	Active	PBG	131.48	135.13	
U03-A	U01-01	Active	PBG	136.90	213.43	
U04-A	U01-02	Active	PBG	73.83	163.71	
U08-A	U02-01	Active	PBG	205.40	234.30	
U09-A	U03-02	Active	PBG	126.03	224.69	
U09-B	N/A	Active	PBG	61.96	100.88	

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N/A = Not applicable

*Includes stands that may be temporarily noncontiguous
Data compiled using unpublished GIS and tabular data provided by Fort Benning.

Clusters requiring "take" and applicable Biological Opinion(s):

- Enhanced Training (N/A)
- Endangered Species Management Component (ESMC) (USFWS 2015)
- Enhanced Training and ESMC
- Malone Small Arms Range Complex (USFWS 2013a)
- DMPRC (USFWS 2004)

# PBGs	342
# Captured Clusters	5
# Solitary Males	7
# Unknown Cluster Status	9
# Inactive	12
# Not monitored (in GIS data but not nest updates)	7
Active Clusters =	370
Inactive Clusters =	12
Total # of Clusters =	**382**