

Victory Starts Here



Endangered & Threatened Species

- Laws and Regulations
- Overview of Programs and Species on Fort Jackson
- **Rare Animals Found on Fort Jackson
- Your Duties to Stay In Compliance

Endangered Species Laws and Regulations

- Endangered Species Act of 1973
- AR 200-1, Environmental Protection and Enhancement
- Fort Jackson Regulation 350-14 (Post Range Regulation)

Endangered Species Act Requirements

- “Conserve” listed species
- Avoid “jeopardizing” listed species
- Avoid “taking” listed fish and wildlife or removing/destroying listed plants
- Environmental Division consults with USFWS

ESA Definition of “Take”

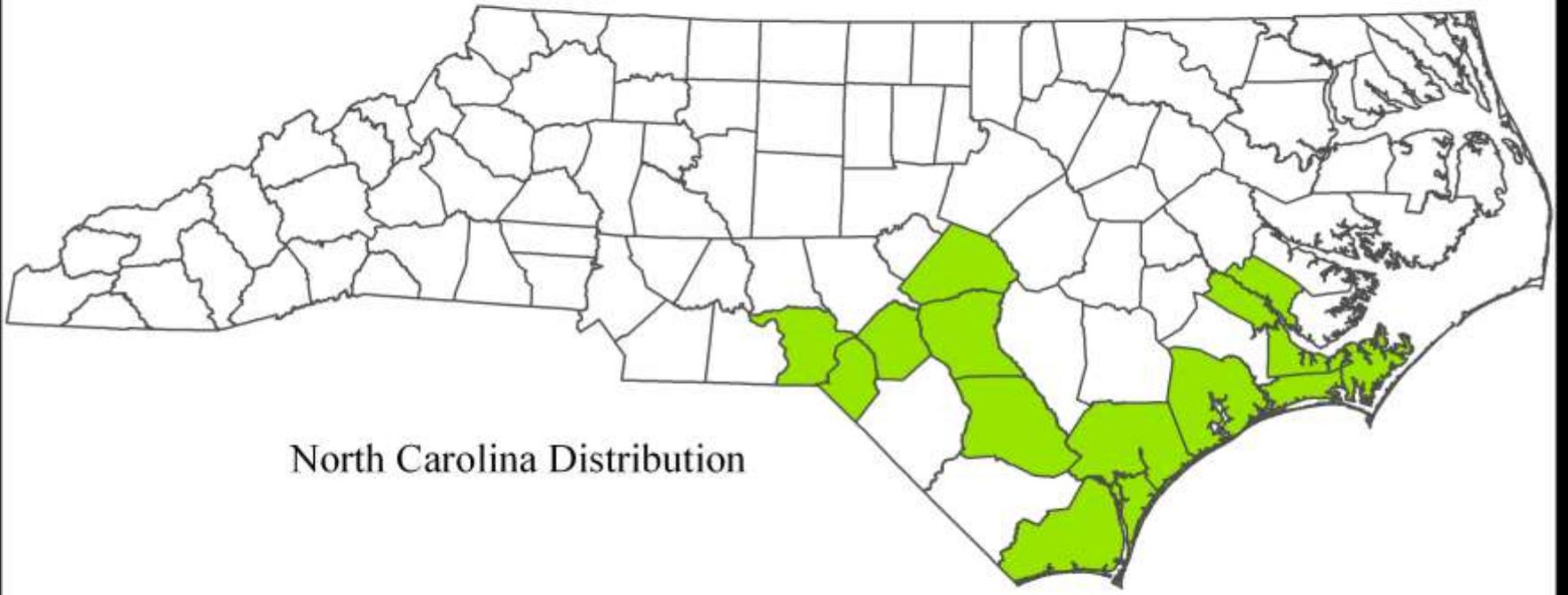
- Under section 9 of the ESA, “Take” means to “harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct.”
- “Take” also includes modification or degradation of habitat.
- Violations may result in civil or criminal penalties

Endangered Plant Species on Fort Jackson

- Rough-leaved loosestrife
- Smooth coneflower

Rough-leaved
Loosestrife





North Carolina Distribution

Buffalo Creek Bog



Prescribed Burning

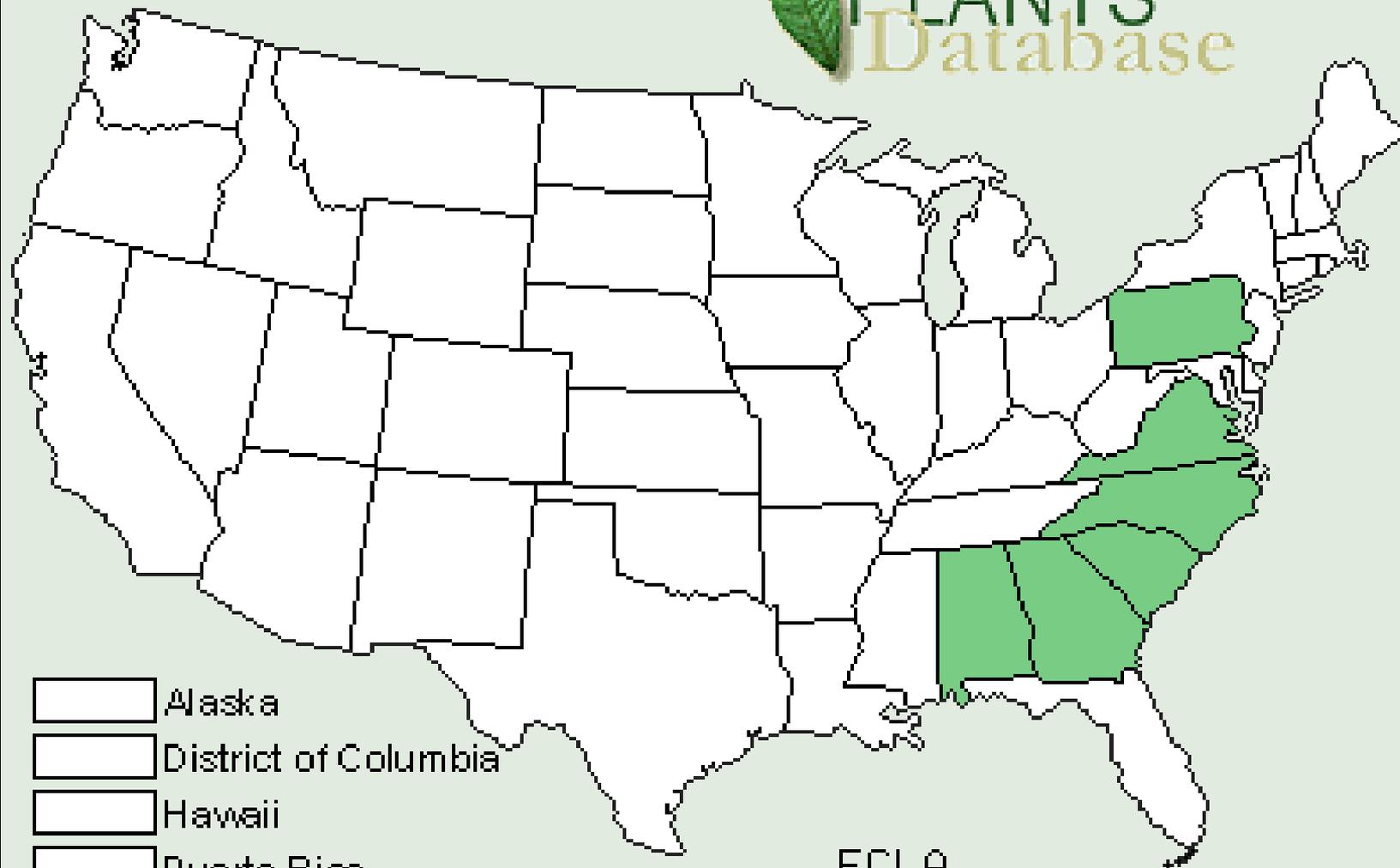


Smooth Coneflower





PLANTS Database



- Alaska
- District of Columbia
- Hawaii
- Puerto Rico
- Virgin Islands

ECLA

Training Area 29-B

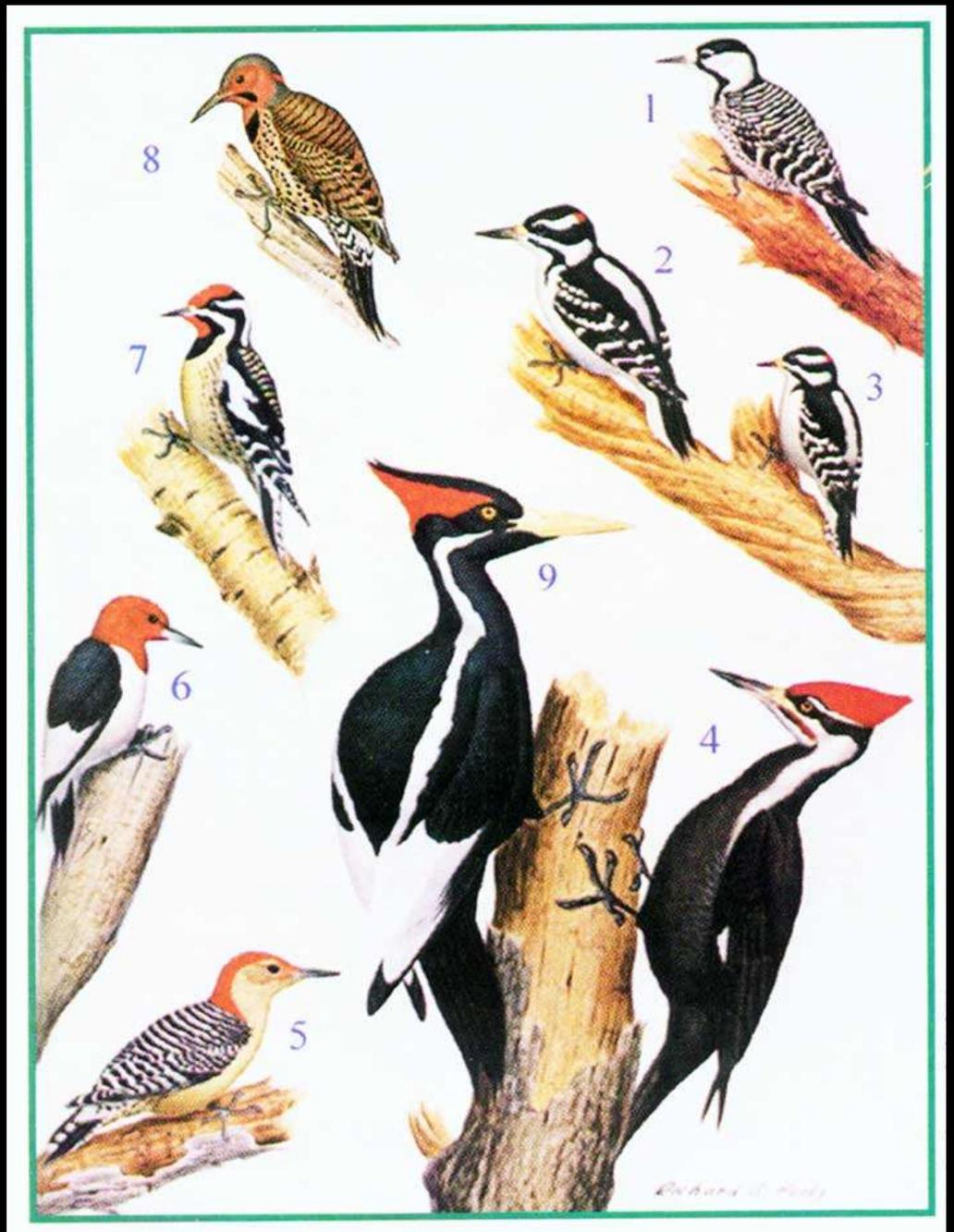


Improvements

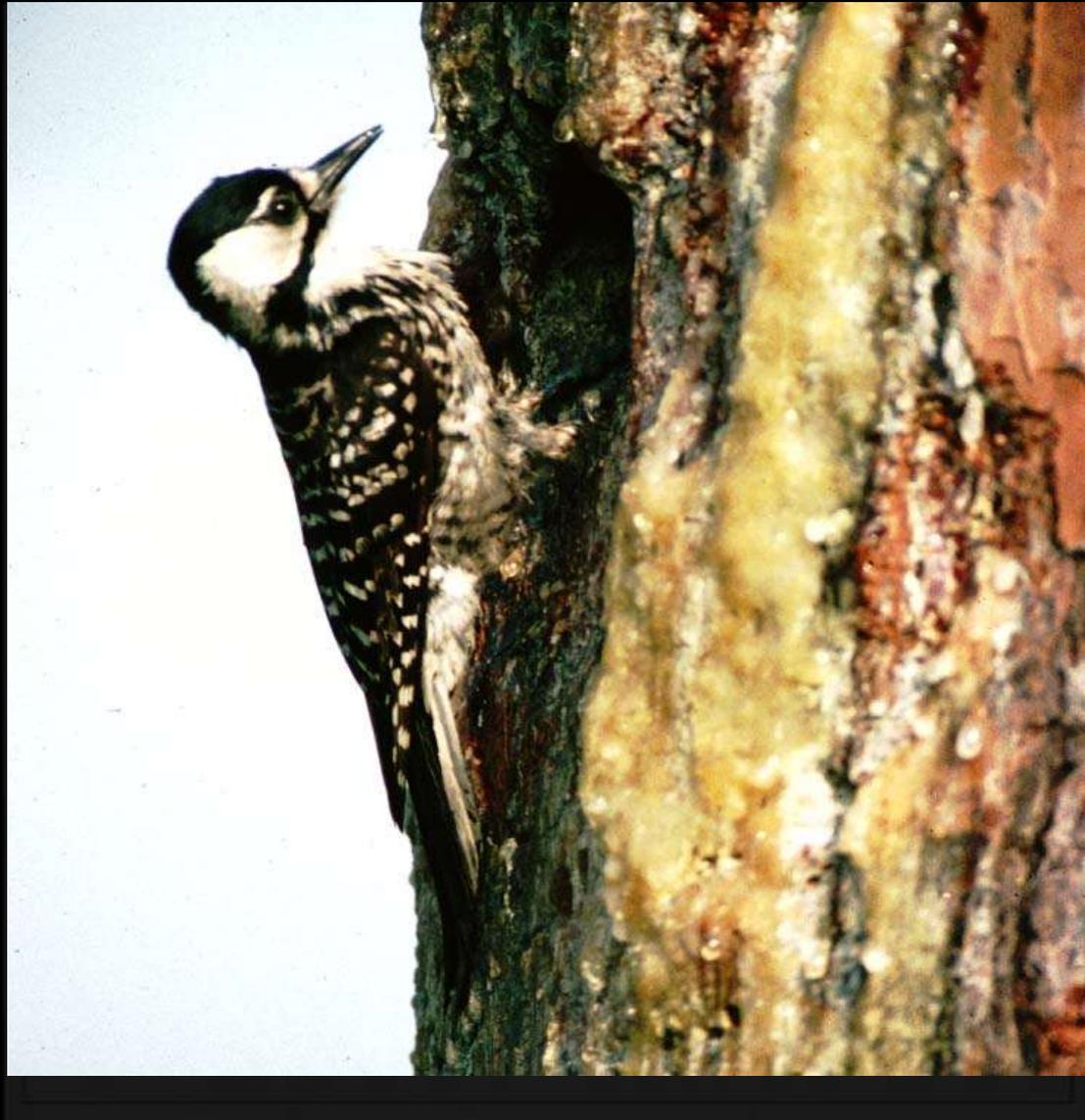
Endangered Animals on Fort Jackson

- Red-cockaded Woodpecker

Woodpeckers in South Carolina



Red-Cockaded Woodpecker (RCW)



Natural RCW Cavity



RCW Range Map



Logging Longleaf in Texas

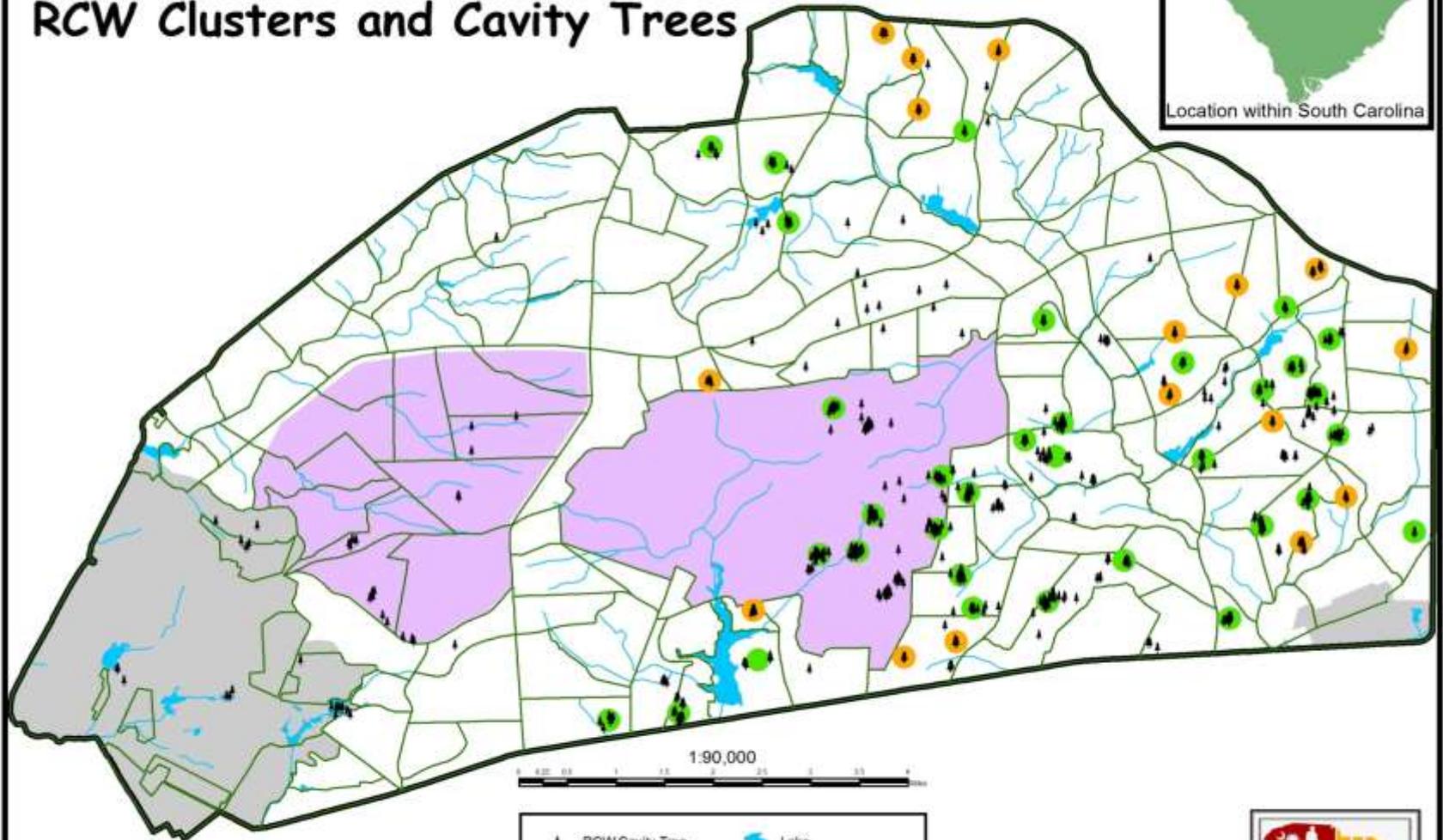


Fort Jackson

04 Jan 2012



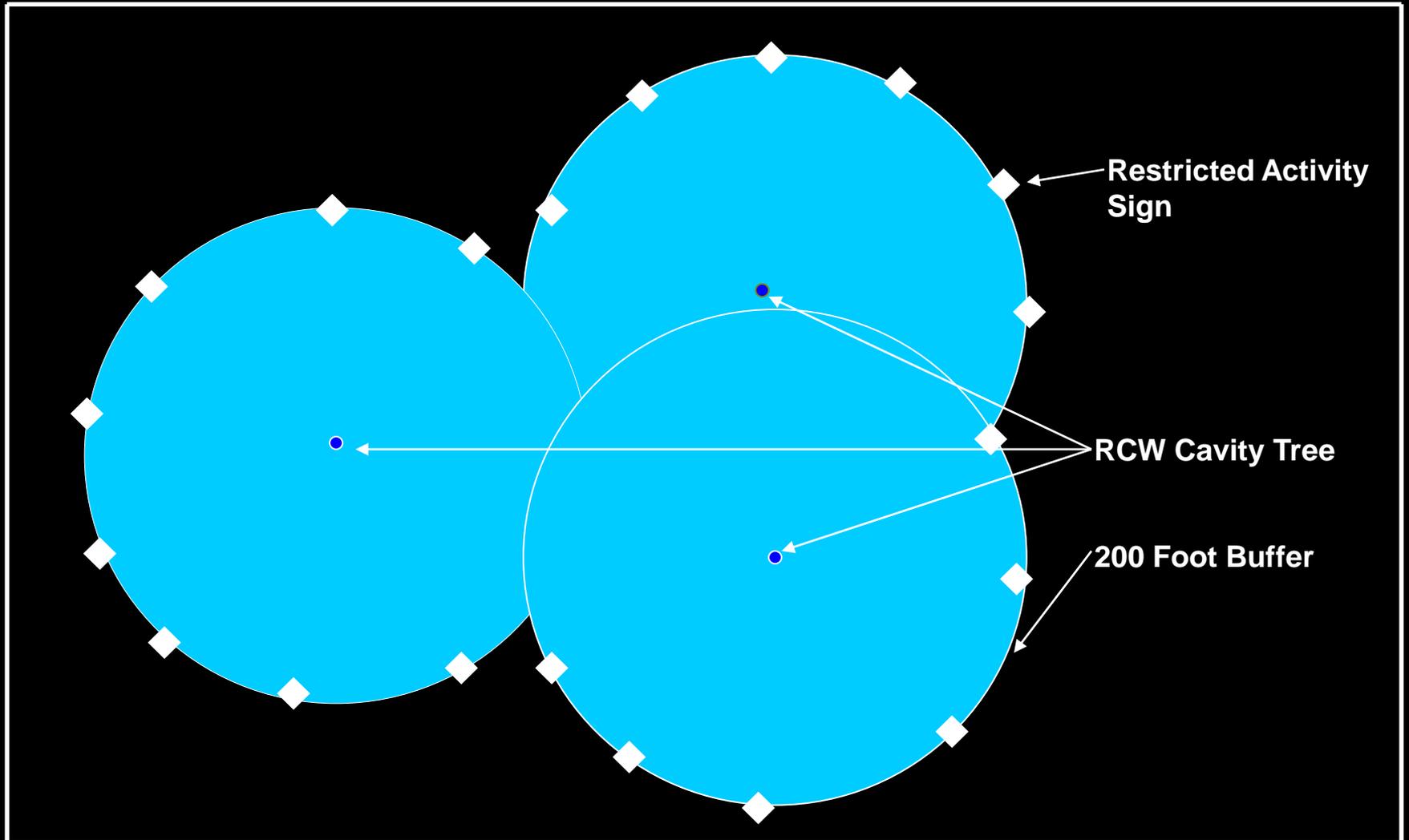
RCW Clusters and Cavity Trees



↓ RCW Cavity Tree	🌊 Lake
● Active Cluster - 34	▭ Sub-training Area
● Recruitment Cluster - 16	○ Installation Boundary
~ Stream	▭ Cantonment
	▭ Impact Area

Fort Jackson
South Carolina
ENVIRONMENTAL
DIVISION
Management • Protection • Stewardship • Education

RCW Cluster with 200 Foot Buffer



RCW Buffer Area: Within White Diamond Signs Activity Restrictions Apply



Cavity Tree Identification



Buffer Zone



No Training Buffers Around Green Banded Cavity Trees



RCW Habitat



Prescribed Burning



Artificial Cavity



Artificial Cavity



Monitoring







Individual Recognition





Rare Animals Found on Fort Jackson

- Southeastern Myotis
- Rafinesque's Big-eared Bat
- Southeastern Kestrel
- Loggerhead Shrike
- Bachman's Sparrow
- Southern Hognose Snake
- Northern Pine Snake

Southeastern Myotis



Big-eared Bat





OFF
LIMITS

American Kestrel



Kestrel
Nest
Box



Loggerhead Shrike



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Bachman's Sparrow



Southern Hognose



Northern Pine Snake



Your Duties to Stay in Compliance

1. Do not disturb endangered plant sites
2. Recognize the RCW buffer area signs and cavity tree markings
3. Know and follow the Army RCW Activity Restrictions
4. Obey Range Operations guidance
5. Do not harm rare animals

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