

Prescribed Burning



Prescribed Burning Effects

- Potential to directly impact vulnerable wildlife species
- May kill fire intolerant plants
- Potential for erosion resulting from fireline construction
- Stimulates growth and sprouting of many native plant species
- Releases nutrients to enhance plant growth
- Physically opens up the forest
- Creates snags and openings allowing for regeneration

Site Preparation of Existing Southern Pine Beetle Spots

- Drum Chopping
- Site Preparation Prescribed Burn

Effects of Site Preparation

Prepares the site for tree planting

Reduces competition

Prescribed Burning Effects

- Potential to directly impact vulnerable wildlife species
- May top-kill fire intolerant plants
- Potential for erosion resulting from fireline construction

Drum Chopping Effects

- Slight Soil Disturbance
- Direct impacts to plants
- Potential to directly impact vulnerable wildlife species

Regeneration Practices

- Tree planting by hand (Artificial)
- Natural-Hardwood sites



Artificial Regeneration Effects

- Desirable species are established
- Early successional habitat temporarily available
- Restoration stocking levels
- Native community types established

Natural Regeneration Effects

- Species establishment based on seed source and sprouting
- Early successional habitat temporarily available
- Stocking levels uncontrollable
- Native community types established



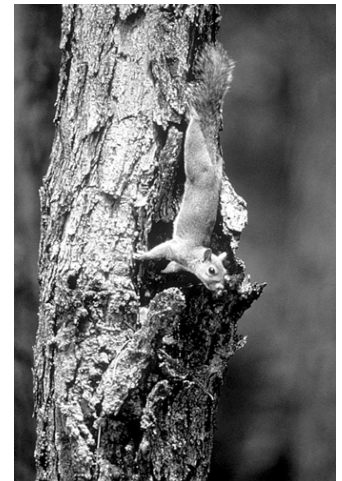
OUR MISSION

*To manage, protect, conserve, and enhance
the wildlife and aquatic resources of Alabama
for the sustainable benefit
of the people of Alabama.*

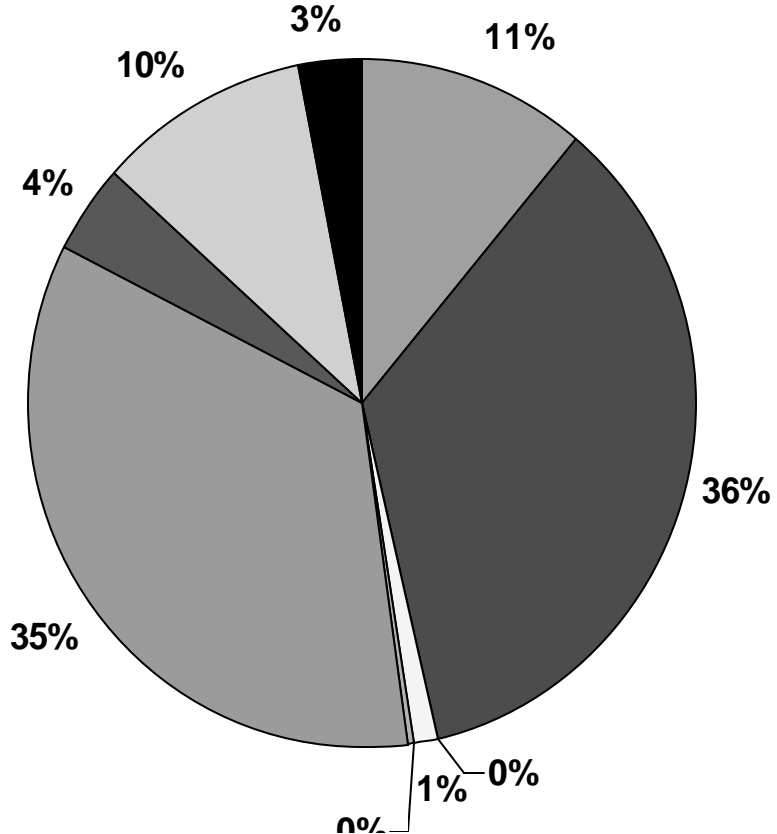
Black Warrior Wildlife Management Area



- 97,642 Acres within WMA
- Annual visitation
- Harvest Data
- Effects of Forest Health & Restoration Initiative on the WMA and its users

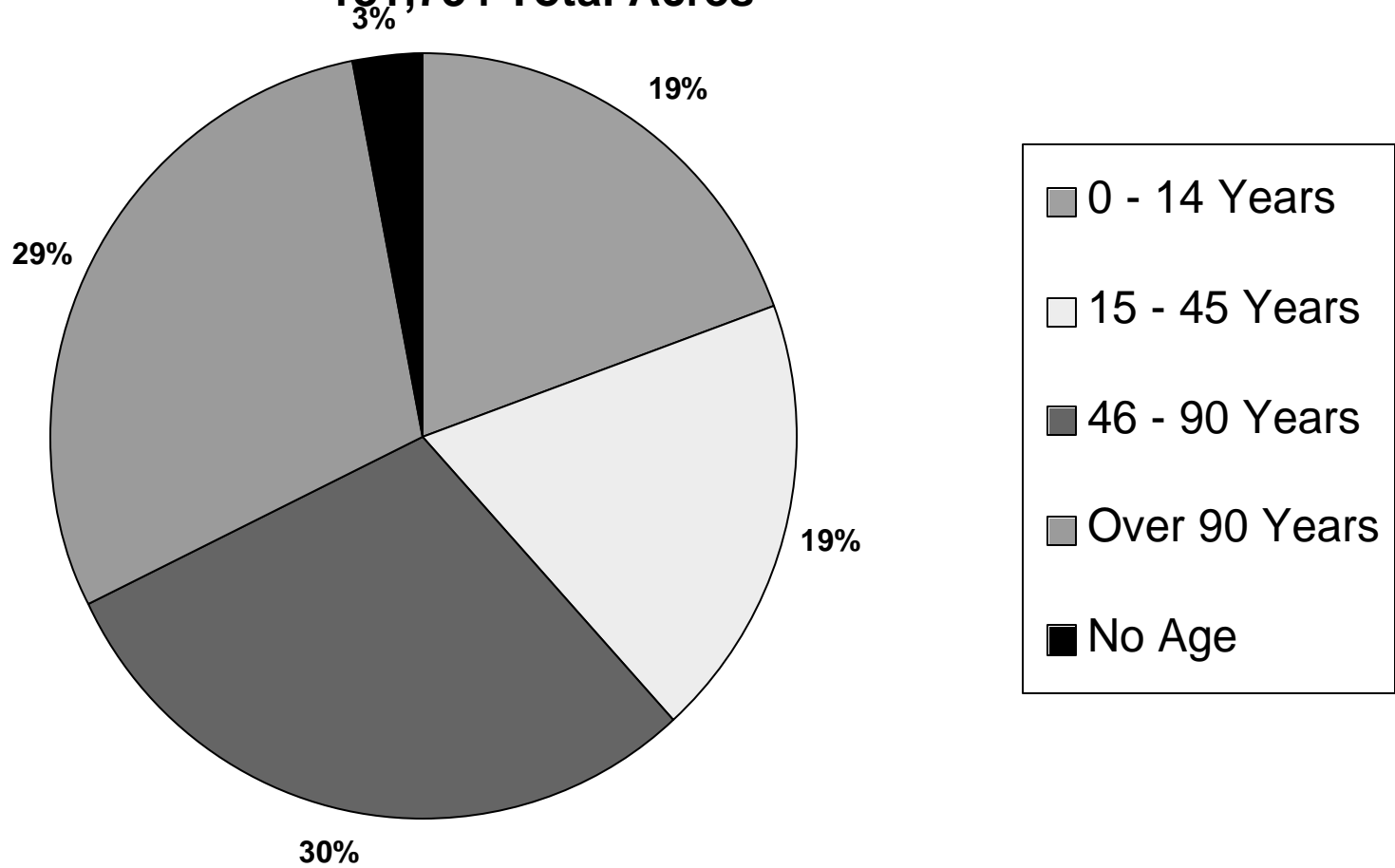


Current Bankhead National Forest Conditions, Forest Community Types 181,734 Total Acres



- Cove and Canyon Hardwood and Conifer- Northern Hardwood
- Upland Hardwood and Hardwood Pine
- Oak Woodlands
- Longleaf Pine
- Shortleaf Pine
- Loblolly Pine
- Virginia Pine
- Southern Pine Beetle Spots 10 Acres and Larger
- Uninventoried Lands

**Current Bankhead National Forest Conditions, Age Class
Including Southern Pine Beetle Spots 10 Acres & Larger
181,734 Total Acres**



Review of Alternatives

Alternative 1: No Action

Alternative 2: Proposed Action

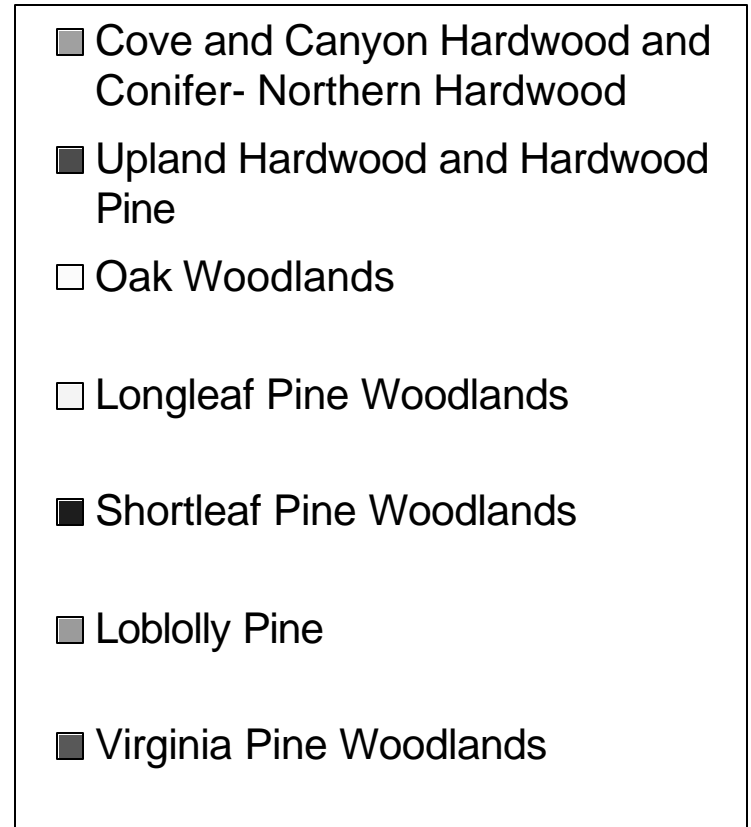
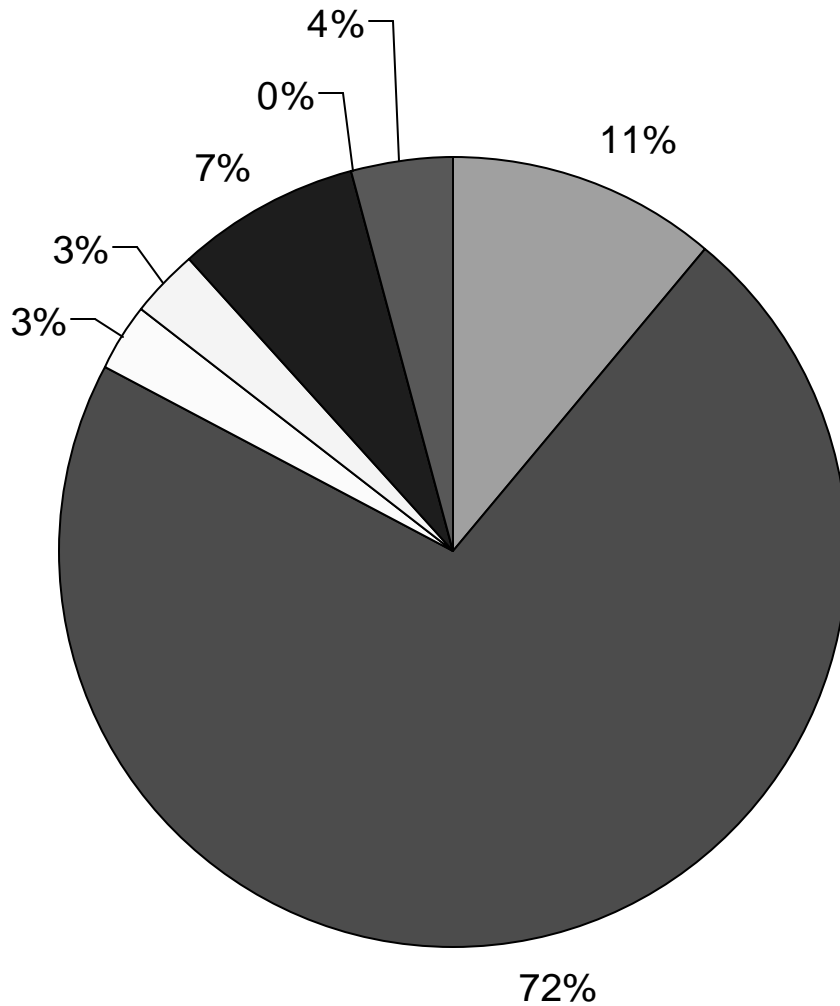
Alternative 3: Modified Proposed Action

Alternative 4: Expanded Hardwood DFC
(hardwood DFC in all Area 2 treatment stands)

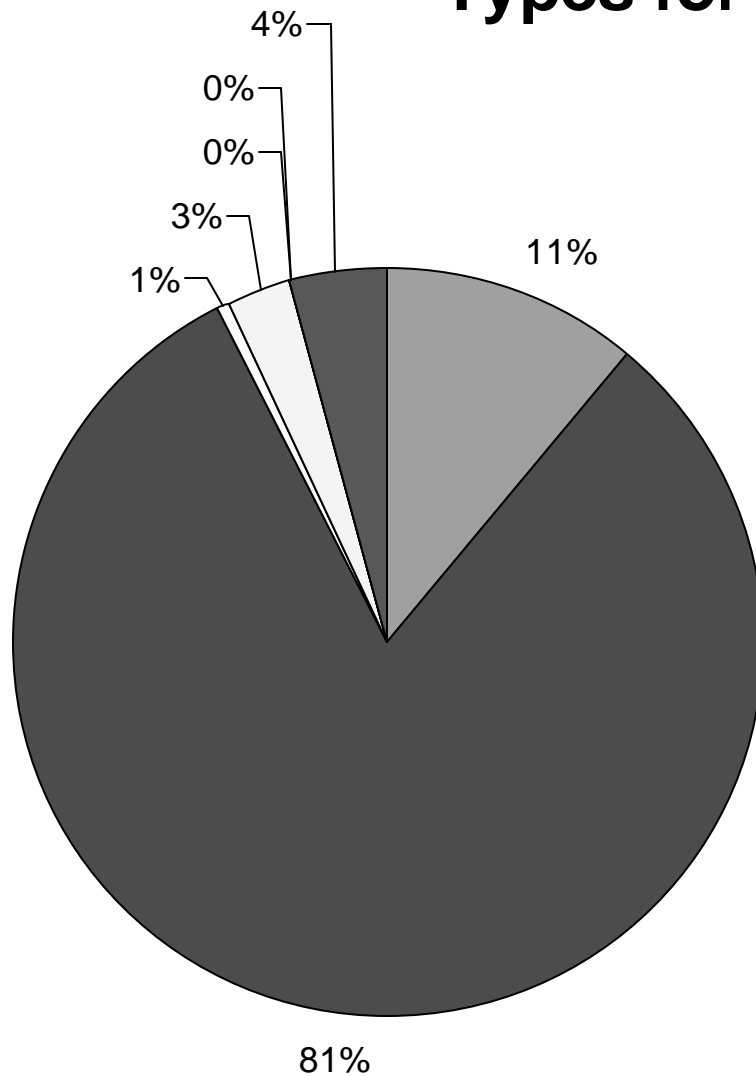
Alternative 5: Expanded Oak Woodland
in Area 1

Alternative 6: Modified Proposed Action
implemented without use of commercial
timber sale

Estimated Percentages of Forest Community Types for Alternatives 3 & 6

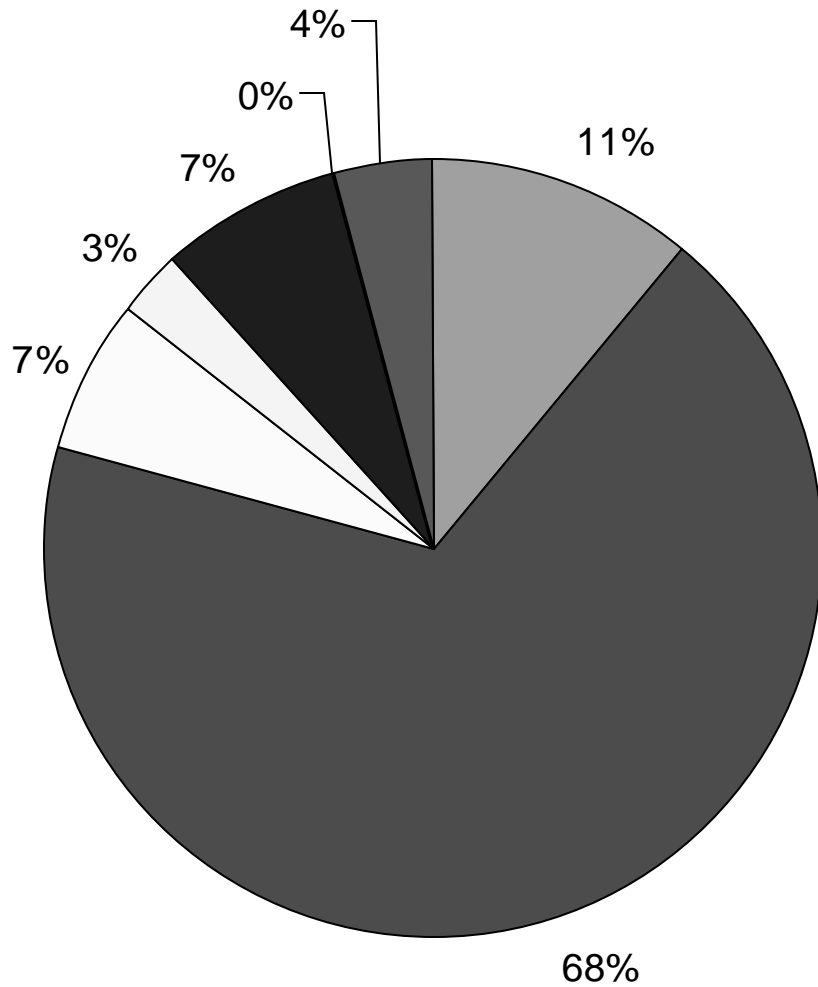


Estimated Percentages of Forest Community Types for Alternative 4



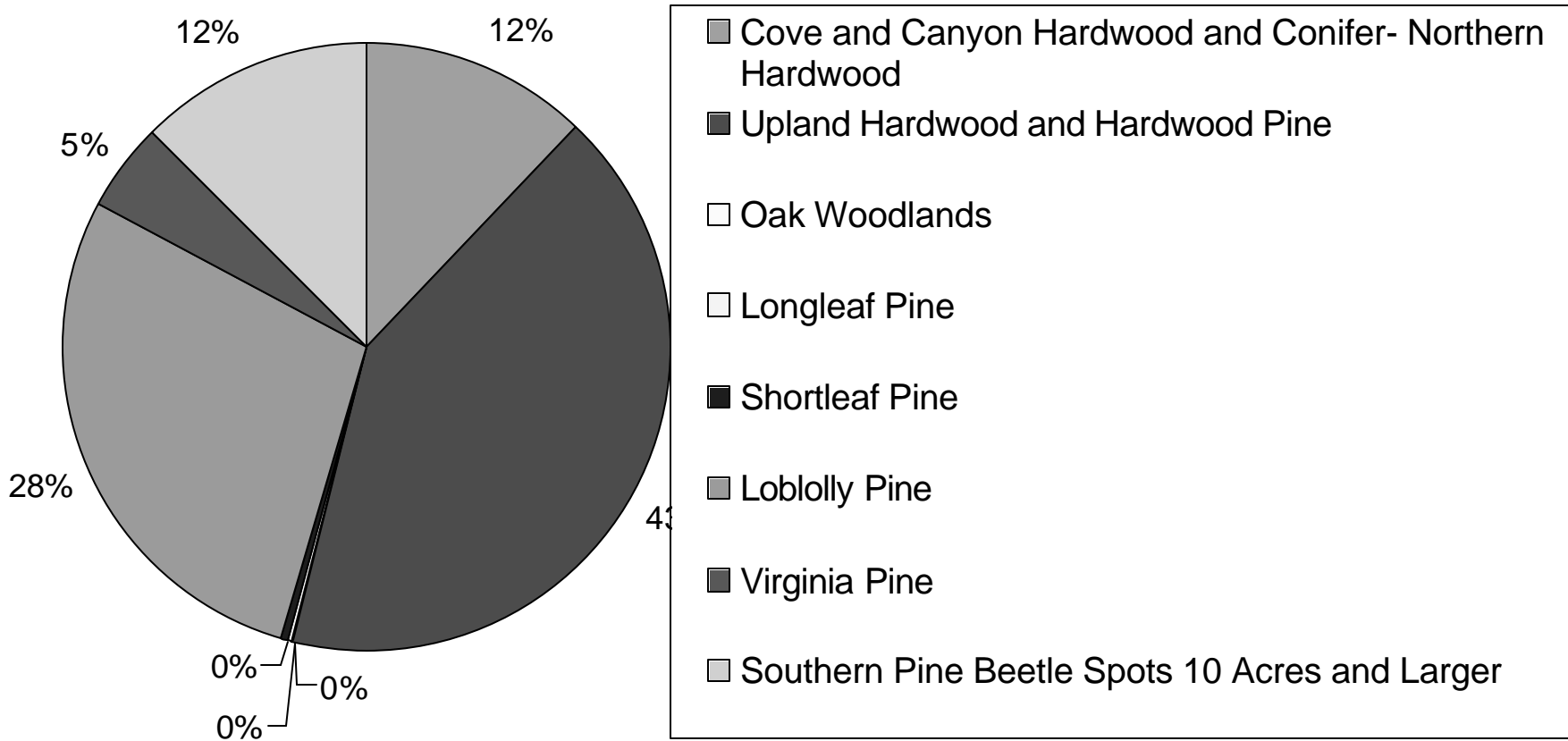
- Cove and Canyon Hardwood and Conifer-Northern Hardwood
- Upland Hardwood and Hardwood Pine
- Oak Woodlands
- Longleaf Pine Woodlands
- Shortleaf Pine Woodlands
- Loblolly Pine
- Virginia Pine Woodlands

Estimated Percentage of Forest Community Types for Alternative 5

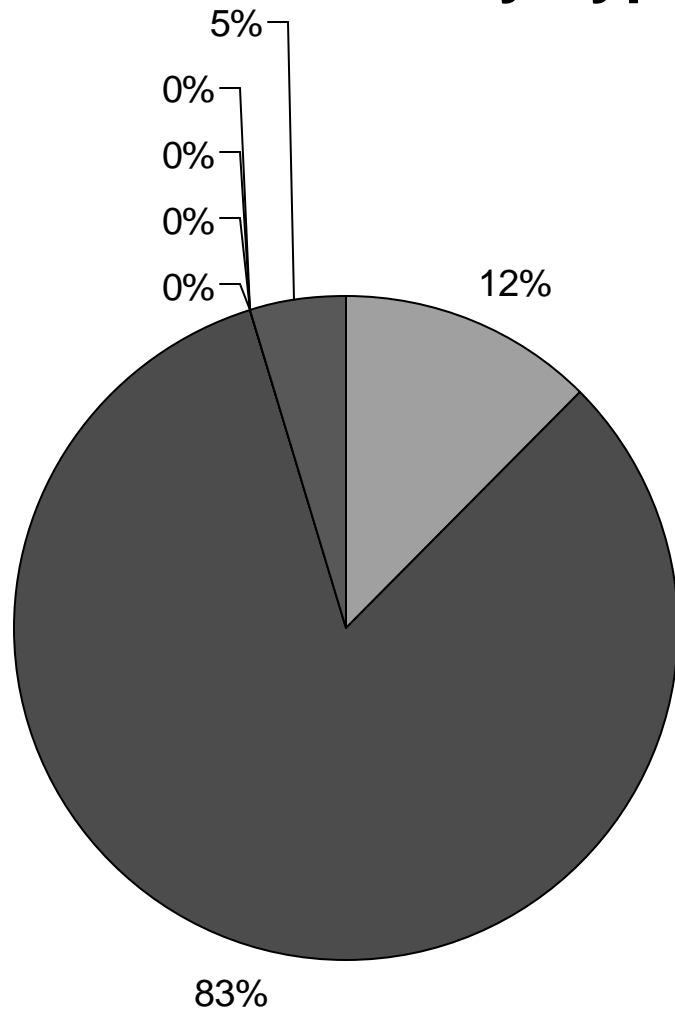


- Cove and Canyon Hardwood and Conifer-Northern Hardwood
- Upland Hardwood and Hardwood Pine
- Oak Woodlands
- Longleaf Pine Woodlands
- Shortleaf Pine Woodlands
- Loblolly Pine
- Virginia Pine Woodlands

Area 1, Percentages of Current Forest Community Types

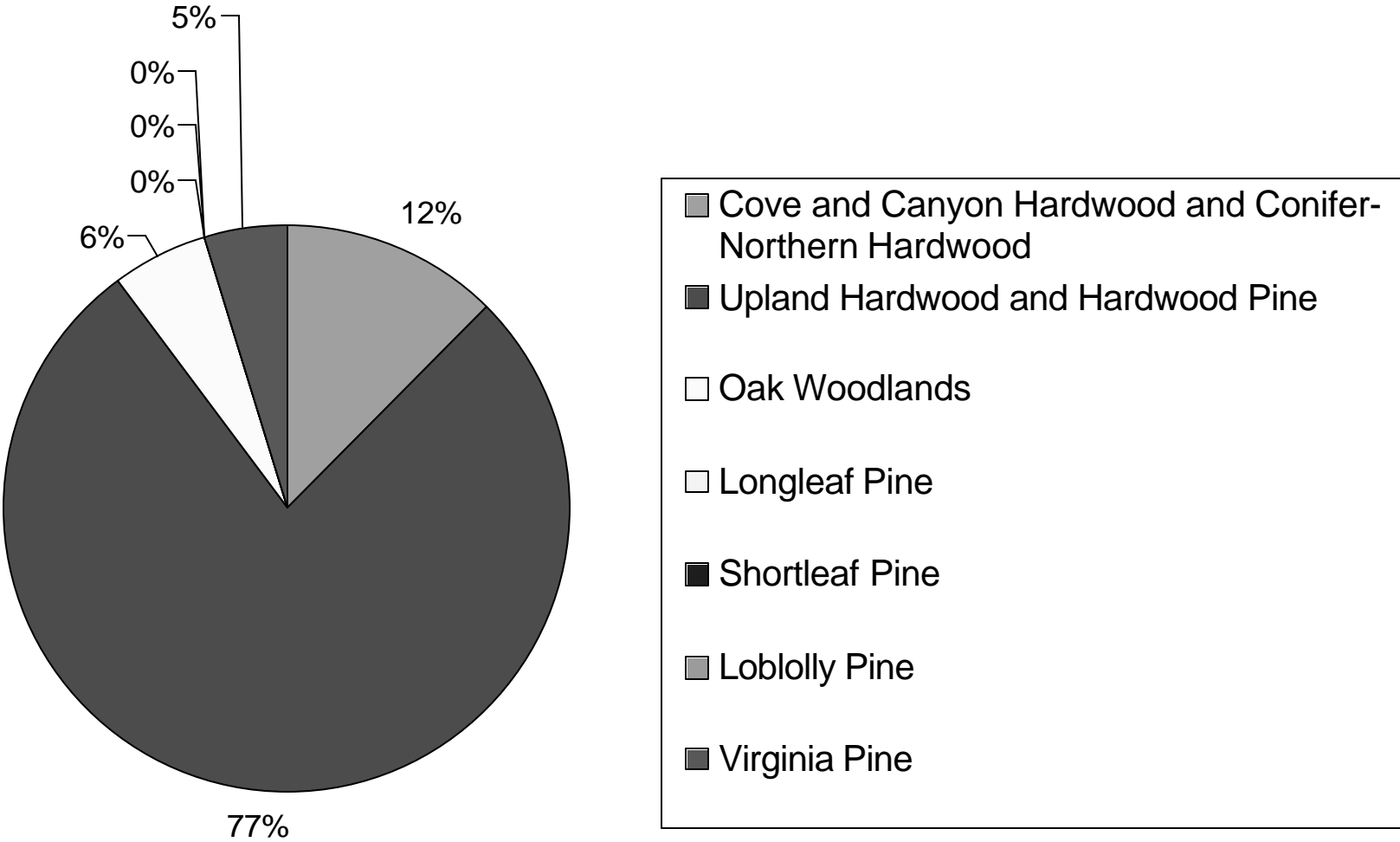


Area 1, Estimated Percentage of Forest Community Types for Alternatives 3,4, & 6

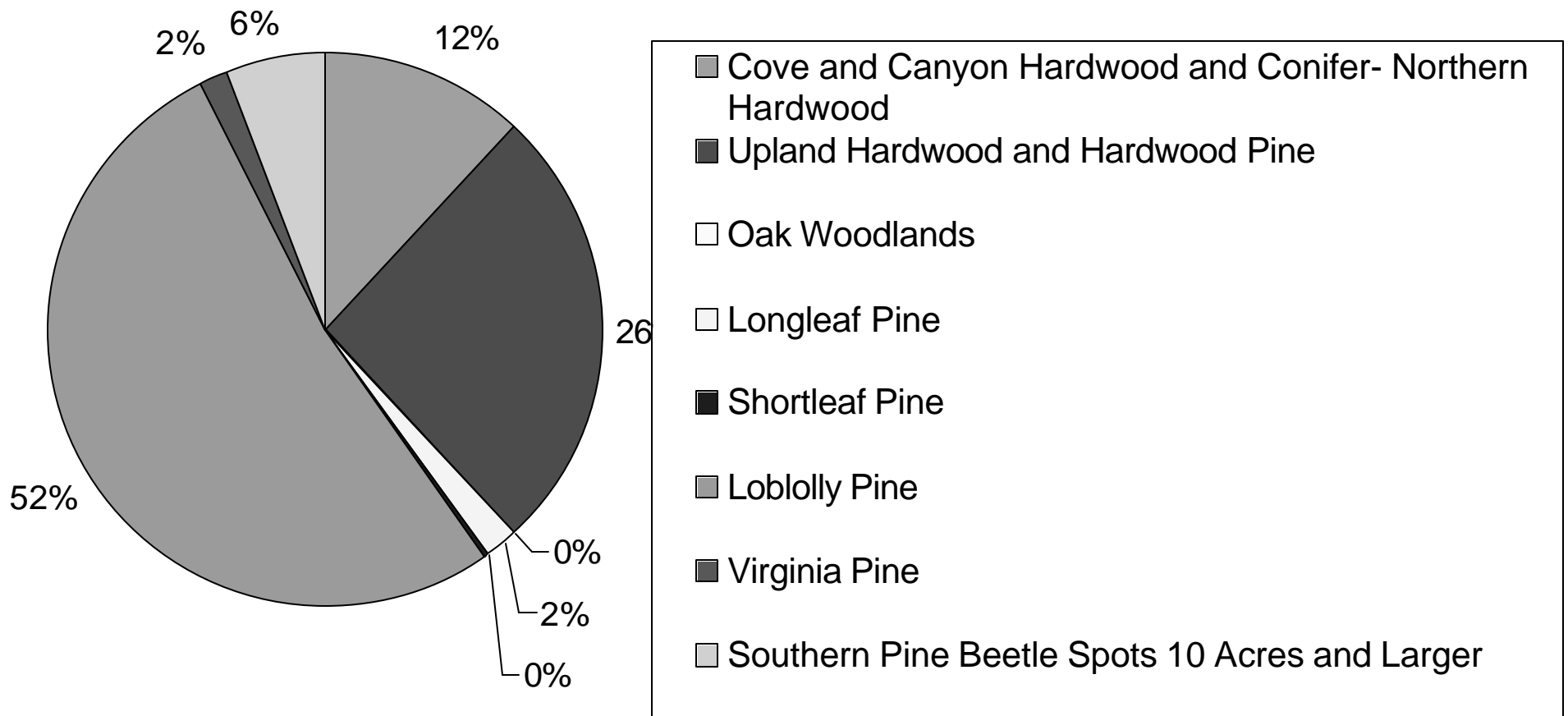


- Cove and Canyon Hardwood and Conifer-Northern Hardwood
- Upland Hardwood and Hardwood Pine
- Oak Woodlands
- Longleaf Pine
- Shortleaf Pine
- Loblolly Pine
- Virginia Pine

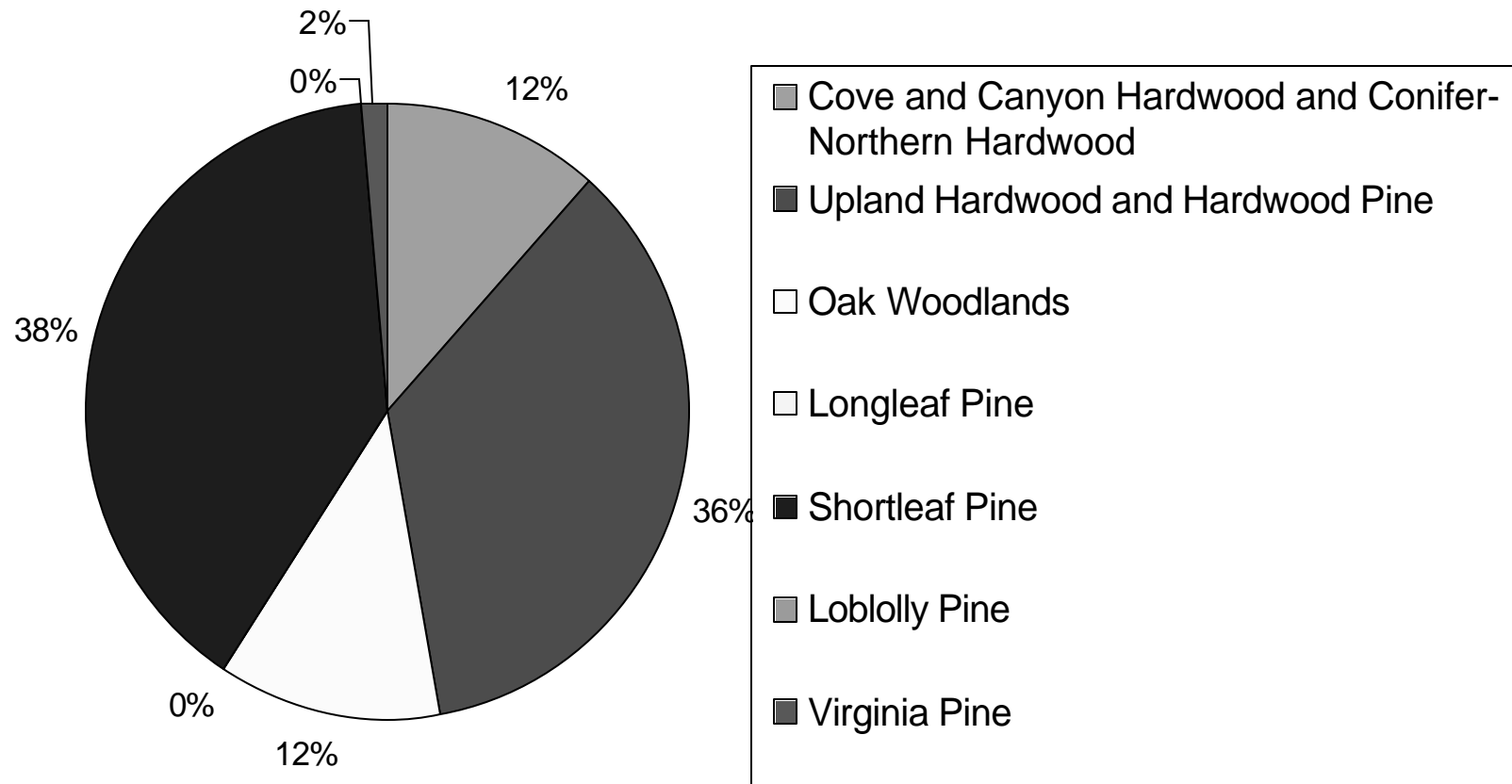
Area 1, Estimated Percentages of Forest Community Types for Alternative 5



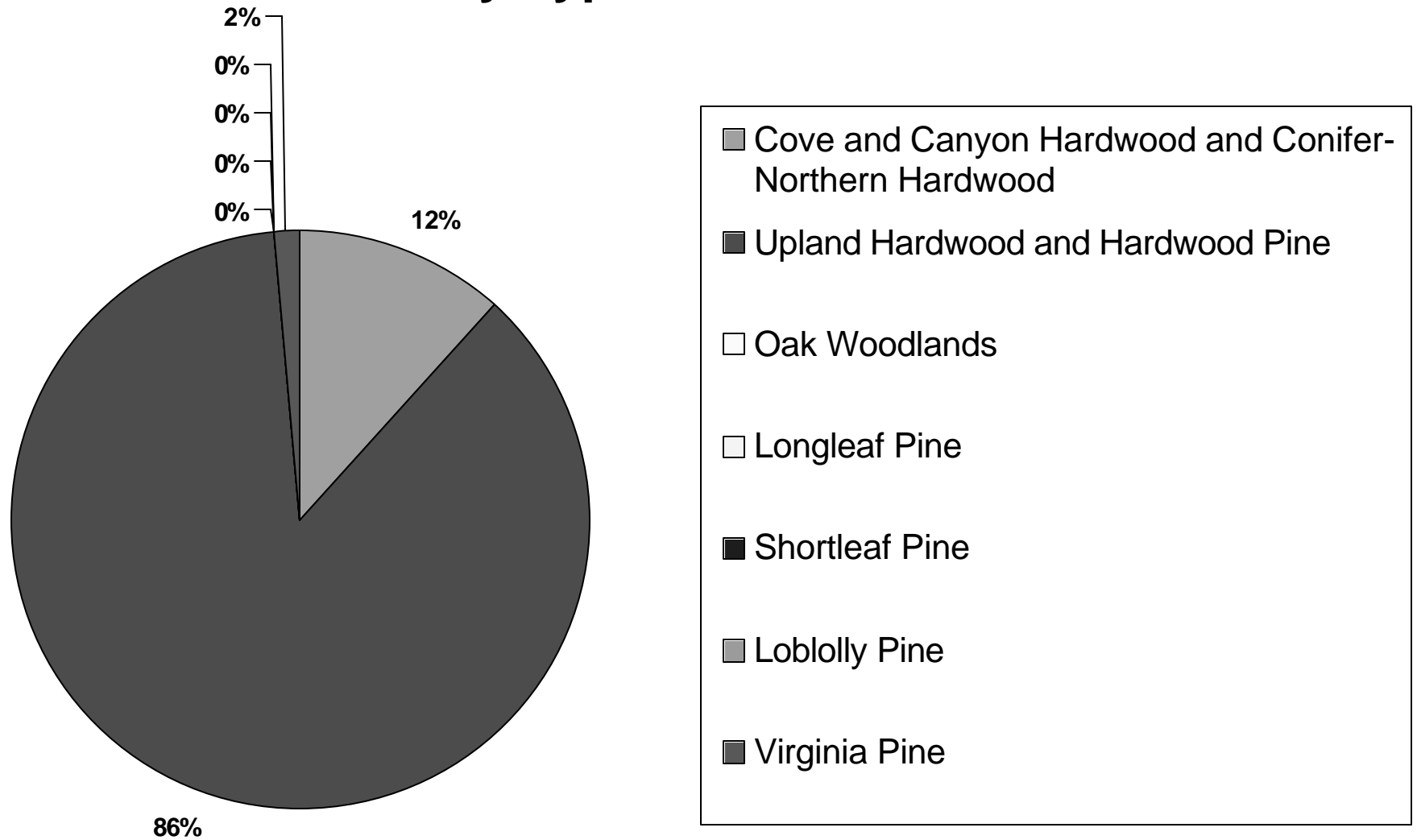
Area 2, Percentages of Current Forest Community Types



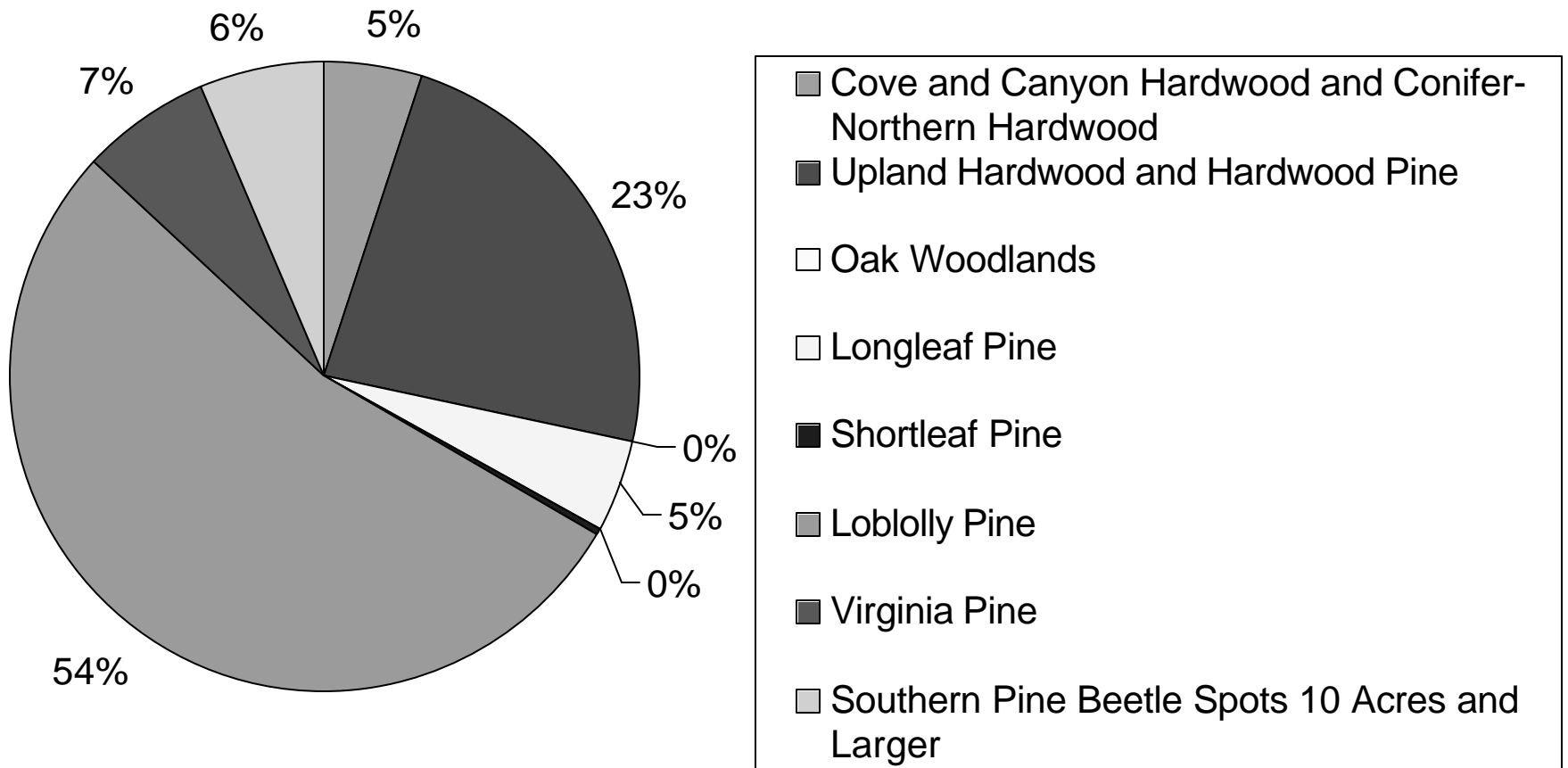
Area 2, Estimated Percentage of Forest Community Types for Alternatives 3, 5, & 6



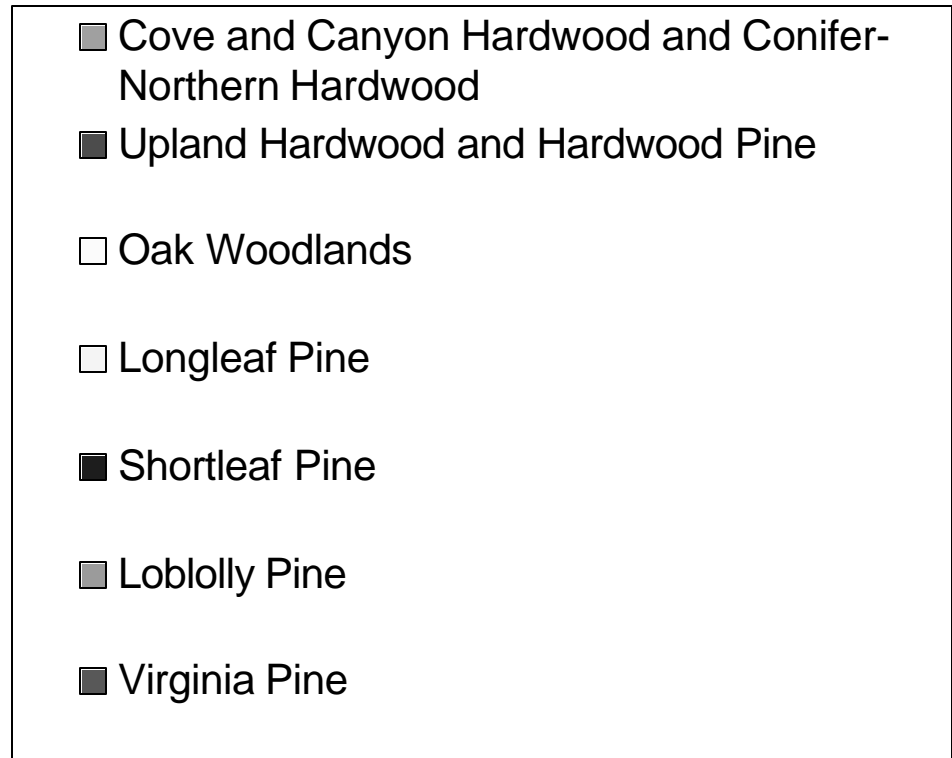
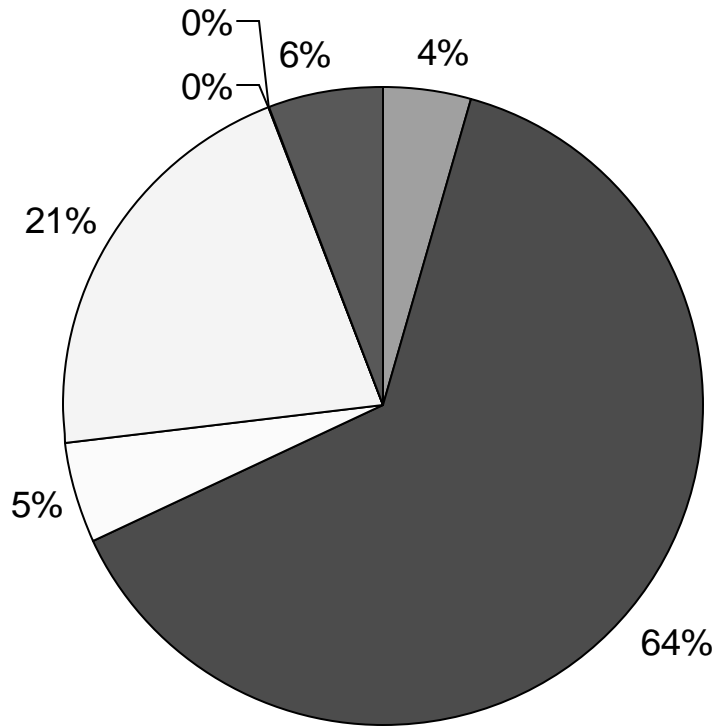
Area 2, Estimated Percentage of Forest Community Types for Alternative 4



Area 3, Percentages of Current Forest Community Types



Area 3, Estimated Percentage of Forest Community Types for Alternatives 3, 4, 5, & 6



Summary

- ❑ Effects of Forest Health & Restoration Initiative on threatened and endangered species
- ❑ Effects of Forest Health & Restoration Initiative on native wildlife

Summary

- No detrimental effects to T&E species or rare communities due to project mitigations and protection mechanisms
- Amount of optimal habitat available for groups of species will vary by alternative
- Individual treatments (thinning, burning, site prep, and regeneration) will effect wildlife