OKLAHOMA
OUACHITA MOUNTAINS ECOREGION
G1 and G2 Species Habitat Management Guidelines

INTRODUCTION

The Sustainable Forestry Initiative® (SFI) 2022 Standards include requirements that promote and conserve Forests with Exceptional Conservation Value (FECV), which includes critically imperiled (G1) and imperiled (G2) species. This fact sheet summarizes the analysis of FECV habitat within this ecoregion and provides habitat management recommendations that would benefit species potentially found here.

HABITAT TYPES

- Hardwood Forest
- Mixed Conifer Forest
- Riparian/Stream/Special Site
- Pine Plantation

HARDWOOD FOREST MANAGEMENT

- Protect known locations of G1/G2 Species
- Retain large diameter trees, stumps and logs

MIXED CONIFER FOREST MANAGEMENT

- Protect known locations of G1/G2 Species
- Retain legacy trees, stumps, and logs
- Retain large diameter trees with cavities or broken tops
- Leave skips or thin to create gaps
- Retain large slash into piles
- Buffer rocky outcropping and scree areas
- Maintain violet for the Diana Fritilary

RIPARIAN/STREAM/SPECIAL SITE MANAGEMENT

- Protect known locations of G1/G2 Species
- Protect known location of Blue River Orangebelly Darter - endemic to the Blue River drainage of southern Oklahoma
- Maintain well vegetated riparian buffers
- Retain large diameter trees near streams and rivers
- Buffer streams, wetlands, springs, and headwater areas

PINE PLANTATION MANAGEMENT

- Protect known locations of G1/G2 Species
- Retain a variety of species including hardwoods
- Leave woody debris from logging on the ground or pile into wildlife habitat piles
- Consider thinning to create gaps for shrub growth

Sequoyah Slimy Salamander

Indiana Myotis

Ouachita Rock Pocketbook

All management recommendations assume that operators and land managers are following all applicable BMPs, laws, and regulations.

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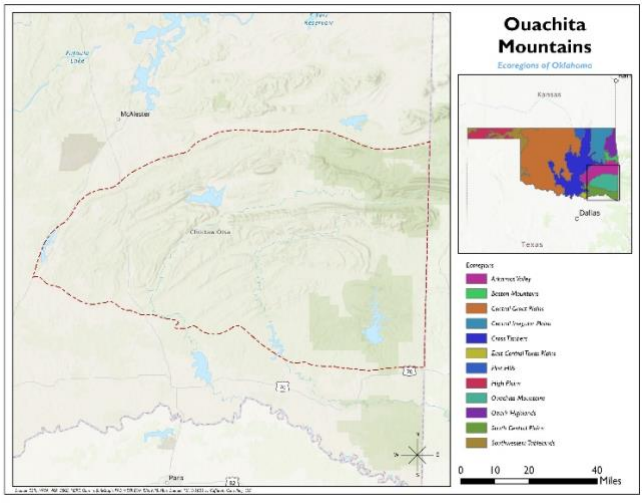
SUSTAINABLE FORESTRY INITIATIVE ARKANSAS
SFI-01115

SCIENTIFIC NAME	COMMON NAME	HABITAT	STATUS
Plethodon kiamichi	Kiamichi Slimy Salamander	Hardwood Forest	G2
Myotis septentrionalis	Northern Long-eared Bat	Hardwood Forest	G2G3
Thalictrum arkansanum	Arkansas Meadowrue	Hardwood Forest	G2Q
Plethodon sequoyah	Sequoyah Slimy Salamander	Mixed Conifer Forest	G1
Myotis sodalis	Indiana Myotis	Mixed Conifer Forest	G2
Stenotrema pilsbryi	Rich Mountain Slitmouth	Mixed Conifer Forest	G2
Streptanthus squamiformis	Pine-oak Jewelflower	Mixed Conifer Forest	G2G3
Calopogon oklahomensis	Oklahoma Grass-pink	Pine Plantation**	G2
Cuscuta attenuata	Taper-tip Dodder	Riparian	G1G3
Leavenworthia aurea	Golden Gladecress	Riparian	G2
Argynnis diana	Diana Fritillary	Riparian	G2G3
Etheostoma cyanorum	Blue River Orangebelly Darter	Special Site	G1
Arcidens wheeleri	Ouachita Rock Pocketbook	Stream	G1
Quadrula fragosa	Winged Mapleleaf	Stream	G1
Potamilus leptodon	Scaleshell	Stream	G1G2
Notropis girardi	Arkansas River Shiner	Stream	G2
Faxonella blairi	Blair's Fencing Crayfish	Stream	G2
Ptilimnium nodosum	Harperella	Stream	G2
Sagittaria ambigua	Kansas Arrowhead	Stream	G2
Faxonius saxatilis	Kiamichi Crayfish	Stream	G2
Percina pantherina	Leopard Darter	Stream	G2
Alosa alabamae	Alabama Shad	Stream	G2G3
Pleurobema rubrum	Pyramid Pigtoe	Stream	G2G3
Calamovilfa arcuata	Rivergrass	Stream	G2G3

**species links provided when available*

***Found rarely, but in a variety of habitat types including pine savannas, coastal prairies, open oak woodlands*



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