

Appendix 2. 2007 Implementation (conservation) priorities determined by the State Wildlife Action Plan Steering Committee

			Strategy	Category
Terrestrial Habitat		Upper West Gulf Coastal Plain Flatwoods/saline glade/cultivated forest	(Fire/Forest) Hydrologic restoration - bedding, Increase block size in conservation	Conservation Action
Terrestrial Habitat	All Habitat		Fire restoration	Conservation Action
Terrestrial Habitat	All Habitat		Forest Management	Conservation Action
Bird		Grassland Birds	Restore and/or maintain prairies and native grasslands	Conservation Action
Terrestrial Habitat		AR Valley prairies and woodlands	(Fire/Forestry) Increase block size and connectivity.	Conservation Action
Terrestrial Habitat		Grand Prairie	Restore native vegetation	Conservation Action
Mammal	Reithrodontomys montanus	Plains Harvest Mouse	Restore native warm season grasses and forbs.	Conservation Action
Bird		Grassland Birds	Status and distribution surveys	Data Gap
Fish	Etheostoma moorei	Yellowcheek Darter	Restore and improve riparian buffers.	Conservation Action
Herpetofauna	Cryptobranchus alleganiensis bishopi	Ozark Hellbender	Instream and streambank stabilization and restoration	Conservation Action
Fish	multiple species	large river fish species	Fund year 3 Statewide Large River Monitoring	Data Gap/Monitoring
Fish	Etheostoma cragini & microperca	Arkansas & least darters	Land acquisition and/or easement	Conservation Action
Mussel	All SGCN Species	All SGCN Species	Manage watershed, addressing physical, chemical, biological and land use components, to restore or sustain aquatic life with emphasis in the forks of the Little Red River and Big Creek.	Conservation Action
Mussel	Cyprogenia aberti	western fanshell	Conduct final stage of genetic research to determine/confirm if cryptic species exist. If new species exist, describe new species.	Data Gap
Mussel	All SGCN Species	All SGCN Species	Develop joint programmatic Safe Harbor Agreement and State Conservation Agreement in the Upper Saline River and Ouachita River watersheds.	Conservation Action
Mussel	Obovaria jacksononiana	Southern hickorynut	Determine life history traits for species to include host fish(es), reproductive timing, fecundity, etc.	Data Gap
Fish	Atractosteus spatula	Alligator Gar	Conduct life history study. Contribute to unfunded UCA study.	Data Gap

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Cave Invertebrate	Caecidotea ancylla, Caecidotea dimorpha, Caecidotea fonticulus, Caecidotea macropropoda, Caecidotea oculata, Caecidotea salamensis, Caecidotea simulator, Caecidotea steevesi, Caecidotea stiladactyla, Dendrocoelopsis Americana, Lirceus bicuspidatus	Isopod, isopod, isopod, bat cave isopod, isopod, isopod, cave obligate isopod, isopod, isopod, cave obligate planarian, isopod	Survey for baseline information on distribution and population status of cave-obligate invertebrates.	Monitoring and Data Gap
Cave Invertebrate	Apochthonius diabolus, Apochthonius titanicus. Arrhopalites clarus, Crosbyella distincta, Crosbyella roeweri, Pseudosinella dubia, Pseudozaona occidentalis, Schaefferia alabamensis, Trigenotyia parca	cave obligate pseudoscorpion, cave obligate pseudoscorpion, springtail, cave obligate harvestman, cave obligate harvestman, springtail, pseudoscorpion, cave obligate springtail, cave obligate millipede	More data is needed before a monitoring strategy can be developed.	Monitoring and Data Gap
Herpetofauna	Pseudacris illinoensis	Illinois Chorus Frog	Acquire habitat	Conservation Action
Crayfish	Cambarus causeyi	crayfish	Survey for additional populations.	Data Gap
Crayfish	Orconectes meeki brevis	Meek's short pointed crayfish	Establish genetic status relative to other subspecies.	Data Gap
Crayfish	Orconectes meeki brevis	Meek's short pointed crayfish	Survey for additional populations.	Data Gap
Herpetofauna	Deirochelys reticularia	Western Chicken Turtle	Ecology	Data Gap
Crayfish	Procambarus parasimulans	Bismarck burrowing crayfish	Determine habitat requirements and threats; Survey for additional populations.	Data Gap
Bird		Bewick's Wren	Develop and implement inventory protocol, then evaluate habitat preference	Data Gap
Invertebrate	Hydroporus sulphurius	Sulphur Springs Hydroporus Diving Beetle	Need to obtain baseline information on distribution and population status.	Data Gap
Mammal	Sorex longirostris	Southeastern Shrew	Conduct status survey.	Data Gap
Herpetofauna	Terrapene ornate	Ornate Box Turtle	Distribution & abundance assessment	Data Gap
Bird		Shorebirds	Provide mudflat and shallow water habitat during migration	Conservation Action