

Potential High-Leverage Umbrella Project Ideas	Number of Votes	Voters	Taxa	Scientific Name	Common Name	Strategy	Category	Rank (1 higher-10 lower)	Comments	Enter corresponding "Extant Monitoring" project(s), if any, in this column	Enter comments regarding "Extant Monitoring" project(s), if any, in this column
Arkansas Fire and Forest Ecology Initiative	5	Mueller-Zoellner, Filipek, Carner, Osborne, Holimon	Terrestrial Habitat		UWGCP Flatwoods/saline glade/cultivated forest	(Fire/Forest) Hydrologic restoration - bedding, Increase block size in conservation	Conservation Action	1			
	1	Mueller-Zoellner	Terrestrial Habitat	All Habitat		Fire restoration	Conservation Action	1	should impact more than one habitat		
	1	Mueller-Zoellner	Terrestrial Habitat	All Habitat		Forest Management	Conservation Action	1			
	6	Mueller-Zoellner, Crump, Smith, Carner, Osborne, Holimon	Bird		Grassland Birds	Restore and/or maintain prairies and native grasslands	Conservation Action	1			
Arkansas Prairie and Grassland Initiative	4	Mueller-Zoellner, Smith, Carner, Holimon	Terrestrial Habitat		AR Valley prairies and woodlands	(Fire/Forestry) Increase block size and connectivity.	Conservation Action	1			
	4	Filipek, Smith, Carner, Holimon	Terrestrial Habitat		Grand Prairie	Restore native vegetation	Conservation Action	1			
	2	Mueller-Zoellner, Carner	Mammal	Reithrodontomys montanus	Plains Harvest Mouse	Restore native warm season grasses and forbs.	Conservation Action	8			
	1	Holimon	Bird		Grassland Birds	Status and distribution surveys	Data Gap	7			
	6	Mueller-Zoellner, Filipek, Crump, Smith, Carner, Osborne	Fish	Etheostoma moorei	Yellowcheek Darter	Restore and improve riparian buffers.	Conservation Action	1			
	6	Mueller-Zoellner, Filipek, Crump, Smith, Carner, Osborne	Herpetofauna	Cryptobranchus alleganiensis bishopi	Ozark Hellbender	Instream and streambank stabilization and restoration	Conservation Action	1	Critical for long term survival		
	6	Mueller-Zoellner, Filipek, Crump, Carner, Osborne, Holimon	Fish	multiple species	large river fish species	fund year 3 Statewide Large River Monitoring	Data Gap/Monitoring	2			
Arkansas Rivers and Streams	6	Filipek, Crump, Smith, Carner, Osborne, Holimon	Fish	Etheostoma cragini & microperca	Arkansas & least darters	land acquisition and/or easement	Conservation Action	3			
	5	Mueller-Zoellner, Filipek, Crump, Carner, Osborne	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	2	Include fish		
	4	Filipek, Crump, Osborne, Holimon	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	1			
	2	Mueller-Zoellner, Carner	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	4			

	2	Filipek, Crump	Mussel	Obovaria jacksononiana	Southern hickorynut	Determine life history traits for species to include host fish(es), reproductive timing, fecundity, etc.	Data Gap	6			
	1	Filipek	Fish	Atractosteus spatula	Alligator Gar	Conduct life history study. Contribute to unfunded UCA study.	Data Gap	4			
Comprehensive Cave Fauna Inventory	7	Mueller-Zoellner, Filipek, Crump, Smith, Carner, Osborne, Holimon	Cave Invertebrate	Caecidotea ancyla, Caecidotea dimorpha, Caecidotea fonticulus, Caecidotea macropoda, 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	1	Monitoring and data gaps can be addressed in one single project.		
	4	Filipek, Crump, Carner, Holimon	Cave Invertebrate	Apochthonius diabolus, Apochthonius titanicus. Arrhopalites clarus, Crosbyella distincta, Crosbyella roeweri, Pseudosinella dubia, Pseudozoana 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	2	Monitoring and data gaps can be addressed in one single project.		
	7	Mueller-Zoellner, Filipek, Crump, Smith, Carner, Osborne, Holimon	Herpetofauna	Pseudacris illinoensis	Illinois Chorus Frog	Acquire habitat	Conservation Action	2	On verge of extirpation in Arkansas		
	1	Filipek	Crayfish	Cambarus causeyi	crayfish	Survey for additional populations.	Data Gap	1			
Wetlands Initiative	1	Filipek	Crayfish	Orconectes meeki brevis	Meek's short pointed crayfish	Establish genetic status relative to other subspecies.	Data Gap	2			
	1	Filipek	Crayfish	Orconectes meeki brevis	Meek's short pointed crayfish	Survey for additional populations.	Data Gap	3			
	1	Filipek	Herpetofauna	Deirochelys reticularia	Western Chicken Turtle	Ecology	Data Gap	3	Necessary for developing survey protocols		
	1	Crump	Crayfish	Procambarus parasimulans	Bismarck burrowing crayfish	Determine habitat requirements and threats; Survey for additional populations.	Data Gap	5			
Freestanding	4	Mueller-Zoellner, Carner, Osborne, Holimon	Bird		Bewick's Wren	Develop and implement inventory protocol, then evaluate habitat preference	Data Gap	2			
Freestanding	1	Crump	Invertebrate	Hydroporus sulphurius	Sulphur Springs Hydroporus Diving Beetle	Need to obtain baseline information on distribution and population status.	Data Gap	1			
Freestanding	1	Osborne	Mammal	Sorex longirostris	Southeastern Shrew	Conduct status survey.	Data Gap	2			
Freestanding	1	Smith	Herpetofauna	Terrapene ornate	Ornate Box Turtle	Distribution & abundance assessment	Data Gap	8	Habitat loss; no previous work		
Freestanding	1	Smith	Bird		Shorebirds	Provide mudflat and shallow water habitat during migration	Conservation Action	15			