

**Alabama Department of Conservation and Natural Resources**

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Tennessee River Mussel and Snail Recovery – reintroductions below Wilson Dam for Anthony’s riversnail ( <i>Athearnia anthonyi</i> ), dromedary pearlymussel ( <i>Dromus dromus</i> ), oyster mussel ( <i>Epioblasma capsaeformis</i> ), and birdwing pearlymussel ( <i>Lemiox rimosus</i> )	\$7,500
Status survey in seepage habitats in Alabama – slackwater darter ( <i>Etheostoma boschungii</i> )	\$25,000
Status survey and genetics study – watercress darter ( <i>Etheostoma nuchale</i> )	\$5,000
Sampling, surveys, health and status assessment – Alabama red-bellied turtle ( <i>Pseudemys alabamensis</i> )	\$20,000
Monitoring, repair and modification to roadside fencing to prevent mortality, assessment of efficacy of fencing – Alabama red-bellied turtle	\$24,256
Study of distribution and ecology of manatees ( <i>Trichechus manatus</i> ) in Mobile Bay	\$25,171
Photographic collection of type specimens of Pleuroceridae to understand systematics and nomenclature including Anthony’s riversnail, lacy elimia ( <i>Elimia crenatella</i> ), plicate rocksnail ( <i>Leptoxis plicata</i> ), and painted rocksnail ( <i>Leptoxis taeniata</i> )	\$16,249
North River systematic mussel survey – dark pigtoe ( <i>Pleurobema furvum</i> ), orange-nacre mucket ( <i>Hamiota perovalis</i> ), triangular kidneyshell ( <i>Ptychobranthus greenii</i> ), and two other imperiled Alabama mussels	\$19,665
Mussel inventory in the Paint Rock River basin to evaluate restoration potential – shiny pigtoe ( <i>Fusconaia cor</i> ), Alabama lampmussel ( <i>Lampsilis virescens</i> ), pale lilliput ( <i>Toxolasma cylindrellus</i> ), and fine rayed pigtoe ( <i>Fusconaia cuneolus</i> )	\$18,558
Surveys for distribution and abundance,	\$32,500

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
landscape and habitat relationships – cerulean warbler ( <i>Dendroica cerulean</i> )	
Technical assistance to facilitate the restoration and enhancement of red-cockaded woodpecker ( <i>Picoides borealis</i> ) habitat and implementation of the Safe Harbor plan	\$35,000
Cave surveys for endangered bats in Alabama – gray bat ( <i>Myotis grisescens</i> ) and Indiana bat ( <i>Myotis sodalis</i> )	\$10,000
Mussel surveys in Alabama River – southern clubshell ( <i>Pleurobema decisum</i> ), heavy pigtoe ( <i>Pleurobema taitianum</i> ), and Alabama heelsplitter ( <i>Potamilum inflatus</i> )	\$11,492
Endangered species program coordination	\$17,500
Saltmarsh topminnow status survey	\$15,000
Bear Creek system imperiled fish survey – eight imperiled Alabama fish species	\$26,136
Status survey for spotted rocksnail ( <i>Leptoxis picta</i> )	\$6,000
<b>TOTAL</b>	<b>\$315,027</b>

**Arkansas Game and Fish Commission**

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Genetic evaluation to determine status and distribution of – Southern hickorynut (mussel) and Arkansas creekshell (mussel)	\$20,490
Genetic evaluation to determine relation of - endangered fanshell (mussel) to western fanshell (mussel)	\$9,125
Priority caves will be surveyed to estimate the populations of the Indiana bat, gray bat, Ozark big-eared bat, southeastern bat, eastern small-footed bat and Rafinesque’s big-eared bat	\$13,885
Pallid sturgeon telemetry	\$37,031

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Aerial survey for bald eagle nests	\$11,105
<b>TOTAL</b>	<b>\$91,636</b>

**Arkansas Natural Heritage Commission**

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Mapping of suitable glade habitat and surveys for – <i>Geocarpon minimum</i> (no common name)	\$4,213
Identification of suitable habitat and surveys for new populations – Virginia sneezeweed ( <i>Helenium virginicum</i> )	\$5,089
Additional mapping and survey work in identified habitat - Missouri bladderpod ( <i>Physaria filiformis</i> )	\$4,213
Identification of suitable habitat, monitoring, and surveys for new populations – Pelton’s rose-gentian ( <i>Sabatia arkansana</i> )	\$3,340
<b>TOTAL</b>	<b>\$16,855</b>

**Florida Department of Agriculture and Consumer Services**

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Lake Wales Ridge scrub plant monitoring and management plan development – for plants including Florida ziziphus ( <i>Ziziphus celata</i> ), Carter’s mustard ( <i>Warea carteri</i> ), scrub plum ( <i>Prunus geniculata</i> ), sandlace ( <i>Polygonella myriophylla</i> ), wireweed ( <i>Polygonella basiramia</i> ), Avon Park harebells ( <i>Crotalaria avonensis</i> ), short-leaved rosemary ( <i>Conradina brevifolia</i> ), pigeon wings ( <i>Clitoria fragrans</i> ), Florida bonamia ( <i>Bonamia grandiflora</i> )	\$59,609
Florida plants - administration and management of program	\$66,561
<i>Ziziphus celata</i> - conservation and reproductive/ demographic study	\$21,000

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Demographic research and management implications of <i>Eryngium cuneifolium</i> , <i>Hypericum cumulicola</i> , <i>Laitrisohlingerae</i> , <i>Paronychia chartacea</i> , and <i>Polygonella basiramia</i>	\$20,858
Survey, monitor, manage and protect <i>Prunus geniculata</i> , <i>Bonamia grandiflora</i> , <i>Clitoriafragrans</i> and <i>Eriogonum longifoium</i> var. <i>gnaphalifolium</i> on public lands	\$18,566
<b>TOTAL</b>	<b>\$186,594</b>

**Florida Fish and Wildlife Conservation Commission**

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Endangered Species Coordination <sup>1</sup>	\$167,478
Sea Turtle index nesting beach surveys – loggerhead ( <i>Caretta caretta</i> ), green ( <i>Chelonia mydas</i> ), leatherback ( <i>Dermochelys coriacea</i> ), and Kemp’s ridley ( <i>Lepidochelys kempii</i> ) sea turtles	\$19,116
<b>TOTAL</b>	<b>\$186,594</b>

**Georgia Department of Natural Resources**

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Surveys and assessments of known populations – Pondberry ( <i>Lindera melissifolia</i> ) and Pond spice ( <i>Litsea aestivalis</i> )	\$24,000
Surveys and assessments of known populations and seed collection – Canby’s dropwort ( <i>Oxypolis canbyi</i> )	\$20,000
Assessment of Conasauga River system and identification of targets for conservation improvements – Amber darter ( <i>Percina antesella</i> ), Blue shiner ( <i>Cyprinella caerulea</i> ), Conasauga logperch ( <i>Percina jenkinsi</i> )	\$27,000
Assessment of upper Etowah River system	\$27,260

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
baseline conditions to monitor improvements and trends in watershed management – Amber darter ( <i>Percina antesella</i> ), Etowah darter ( <i>Etheostoma etowahae</i> ), Cherokee darter ( <i>Etheostoma scotti</i> )	
Augmenting or establishing new populations and monitoring success of restoration efforts – Smooth coneflower ( <i>Echinacea laevigata</i> )	\$9,000
<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Nest protection and surveys – Loggerhead sea turtles ( <i>Caretta caretta</i> )	\$60,000
Implementation of comprehensive management plan for Georgia – Manatee ( <i>Trichechus manatus</i> )	\$24,000
Annual surveys of nesting colonies and analysis of landscape features of colonies – Wood stork ( <i>Mycteria americana</i> )	\$20,000
Nest monitoring and management – Bald eagle ( <i>Haliaeetus leucocephalus</i> )	\$10,500
Design and initiation of a monitoring program – Fringed Campion ( <i>Silene polypetala</i> )	\$14,000
Develop species abstracts, range maps, and habitat management recommendations for posting on the GADNR website – Rock gnome lichen ( <i>Gymnoderma lineare</i> ) and 13 other high priority or imperiled plant species	\$8,047
<b>TOTAL</b>	<b>\$243,807</b>

**Kentucky Department of Fish and Wildlife Resources**

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Indiana bat ( <i>Myotis sodalis</i> ), gray bat ( <i>Myotis grisescens</i> ), and Virginia big-eared bat ( <i>Corynorhinus townsendii virginianus</i> ) monitoring, surveys, and cave protection	\$30,000
Aquatic Restoration Initiative – status assessment, early stage culture, and	\$85,375

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
propagation of endangered mussels including ring pink ( <i>Obovaria retusa</i> ), pink mucket ( <i>Lampsilis abrupta</i> ), fat pocketbook ( <i>Potamilus capax</i> ), fanshell ( <i>Cyprogenia stegaria</i> ), Cumberland bean ( <i>Villosa trabilis</i> ), and orangefoot pimpleback ( <i>Plethobasus cooperianus</i> ) and candidates like sheepnose	
<b>TOTAL</b>	<b>\$115,375</b>

#### **Kentucky Nature Preserves Commission**

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Manage sites to improve population numbers and habitat quality including developing recovery management for Short's bladderpod ( <i>Lesquerella globosa</i> ) at new nature preserve; continuing management for running buffalo clover ( <i>Trifolium stoloniferum</i> ) on 4 select sites; developing management strategies for species including Short's goldenrod ( <i>Solidago shortii</i> ) on new property and 3 other sites, and continuing life history study of running buffalo clover	\$16,000
Monitoring selected sites for running buffalo clover ( <i>Trifolium stoloniferum</i> ) and white-haired goldenrod ( <i>Solidago albopilosa</i> ), confirm, survey for, and monitor populations of 11 globally rare Kentucky plant species, and continue monitoring effects of management on Price's potato bean ( <i>Apios priceana</i> ) at Sugarcamp Creek	\$14,624
<b>TOTAL</b>	<b>\$30,624</b>

#### **Louisiana Department of Wildlife and Fisheries**

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Survey of interior least terns ( <i>Sterna antillarum athalassos</i> ) on the Red River in Louisiana to determine nesting success	\$10,000
Landowner workshop and development of educational materials to support private lands	\$10,466

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
initiative for Louisiana pearlshell ( <i>Margaritifera hembeli</i> ) in Louisiana	
Red-cockaded woodpecker ( <i>Picoides borealis</i> ) – demographic monitoring and management at Alexander State Forest Wildlife Management Area	\$10,000
Louisiana black bear ( <i>Ursus americanus luteolus</i> ) – restoration and repatriation work in Red River / Three Rivers Complex	\$16,825
Louisiana black bear ( <i>Ursus americanus luteolus</i> ) – determination of population parameters and dynamics of bears in the Mississippi Alluvial Plain of Louisiana	\$41,200
Louisiana pine snake ( <i>Pituophis ruthveni</i> ) – canine training and protocol development to survey for pine snakes in Louisiana	\$20,000
<b>TOTAL</b>	<b>\$108,491</b>

**Mississippi Department of Wildlife Fisheries and Parks**

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Mississippi gopher frog ( <i>Rana capito sevosa</i> ) – research, reproduction, and monitoring	\$45,000
Gulf sturgeon ( <i>Acipenser oxyrinchus desotoi</i> ) – post Hurricane Katrina assessment of habitat and movement of juveniles	\$33,000
Wintering piping plover ( <i>Charadrius melodus</i> ) – ecology study in coastal Mississippi	\$18,000
Louisiana black bear ( <i>Ursus americanus luteolus</i> ) – continuation of telemetry study and statewide bait station and hair sampling program	\$15,422
Ringed sawback turtle ( <i>Graptemys oculifera</i> ) – population estimate evaluation	\$14,162
<b>TOTAL</b>	<b>\$125,584</b>

**North Carolina Department of Agriculture and Consumer Services**

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Statewide rare species monitoring (collect, compile monitoring and occurrence data on pondberry ( <i>Lindera melissifolia</i> ), Schweinitz's sunflower ( <i>Helianthus schweinitzii</i> ), smooth coneflower ( <i>Echinacea laevigata</i> ), white irisette ( <i>Sisyrinchium dichotomum</i> ) and develop monitoring protocols)	\$12,000
Setting rare plant species and site protection priorities to establish plant conservation preserves – state imperiled plant species	\$8,409
Rare plant outreach and education – state imperiled plant species and all listed plant species	\$8,409
Rare plant habitat restoration and management - pondberry ( <i>Lindera melissifolia</i> ), Schweinitz's sunflower ( <i>Helianthus schweinitzii</i> ), smooth coneflower ( <i>Echinacea laevigata</i> ), white irisette ( <i>Sisyrinchium dichotomum</i> ), rough leaved loosestrife ( <i>Lysimachia asperulifolia</i> )	\$40,000
Development of rare plant species and habitat management plans – Schweinitz's sunflower ( <i>Helianthus schweinitzii</i> ), pondberry ( <i>Lindera melissifolia</i> ), and other state imperiled plant species	\$5,818
Regulatory Programs and Protected Plant Permits	\$12,000
Plant Conservation Program partnerships	\$5,000
<b>TOTAL</b>	<b>\$91,636</b>

**North Carolina Wildlife Resources Commission**

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Loggerhead ( <i>Caretta caretta</i> ), green ( <i>Chelonia mydas</i> ), leatherback ( <i>Dermochelys coriacea</i> ), and Kemp's ridley ( <i>Lepidochelys kempii</i> ) sea turtles - nesting surveys and nest protection/management measures	\$47,000
Carolina northern flying squirrel ( <i>Glaucomys</i> )	



<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
<i>sabrinus coloratus</i> ) – habitat management and use study	\$26,000
Aquatic endangered species conservation - monitor, survey, conduct research and provide technical assistance for the Tar spinymussel ( <i>Elliptio steinstansana</i> ), dwarf wedgemussel ( <i>Alasmidonta heterodon</i> ), Carolina heelsplitter ( <i>Lasmigona decorata</i> ), Cape Fear shiner ( <i>Notropis mekistocholas</i> ), Waccamaw silverside ( <i>Menidia extensa</i> ), spotfin chub ( <i>Cyprinella monacha</i> ), littlewing pearlymussel ( <i>Pegias fabula</i> ), Appalachian elktoe ( <i>Alasmidonta raveneliana</i> ) and James spinymussel ( <i>Pleurobema collina</i> )	\$67,323
Bog turtle ( <i>Glyptemys muhlenbergii</i> )– bog restoration and management in western North Carolina	\$4,000
Rafinesque’s big-eared bat ( <i>Corynorhinus rafinesquii rafinesquii</i> ) – artificial roost construction and monitoring	\$5,000
<b>TOTAL</b>	<b>\$149,323</b>

**Puerto Rico Department of Environment and Natural Resources**

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Yellow-shouldered blackbird population management and monitoring	\$147,074
Puerto Rican Parrot captive breeding program	\$30,000
Coordinate all activities related to the Endangered Species Program for DNER	\$17,500
Mona Island Iguana population management, headstarting program	\$7,000
Conduct nest surveys and reduce loss of leatherback and hawksbill sea turtles nests	\$22,500
Recovery activities for the Mona Island boa ( <i>Epicrates monensis</i> )	\$10,000
<b>TOTAL</b>	<b>\$234,074</b>

**South Carolina Department of Natural Resources**

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Research, monitoring, and management of the northern sub-population of the loggerhead sea turtle ( <i>Caretta caretta</i> ) in South Carolina	\$28,407
Red-cockaded woodpecker ( <i>Picoides borealis</i> ) recovery on state-owned and private lands	\$60,205
Smooth coneflower, white irisette, and rock gnome lichen - surveys & monitoring for plant species on mafic formations of the South Carolina mountains	\$36,972
<b>TOTAL</b>	<b>\$125,584</b>

**Tennessee Department of Environment and Conservation**

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Long-term population monitoring – Pyne’s ground plum ( <i>Astragalus bibullatus</i> )	\$3,500
Population monitoring at known Tennessee locations – Braun’s rockcress ( <i>Arabis perstellata</i> )	\$3,500
Monitoring and assessment of management – Tennessee purple coneflower ( <i>Echinacea tennesseensis</i> )	\$6,500
Population monitoring and status assessment – Short’s bladderpod ( <i>Lesquerella globosa</i> ), candidate species	\$6,500
Population monitoring and status assessment – White fringeless orchid ( <i>Platanthera integrilabia</i> ), candidate species	\$7,500
Monitoring and assessment of management – Tennessee yellow-eyed grass ( <i>Xyris tennesseensis</i> )	\$3,500
<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Update of the rare species database for 5 listed plants and 2 plant candidate species	\$4,000

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
(species mentioned above and leafy prairie clover ( <i>Dalea foliosa</i> ))	
Search for new populations – Harperella ( <i>Ptilimnium nodosum</i> )	\$4,000
Search for new populations – Tennessee yellow-eyed grass	\$5,500
Development of a site specific fire management plan at Flat Rock State Natural Area – Pyne’s ground plum and leafy prairie clover	\$14,119
Cedar glade and barrens site management for species – Tennessee yellow-eyed grass, Pyne’s ground plum, and leafy prairie clover	\$5,100
Private landowner brochure and postcards regarding options available to protect plants in Tennessee	\$5,000
Administration and project development – all listed and rare plants in Tennessee	\$2,500
<b>TOTAL</b>	<b>\$71,219</b>

**Tennessee Wildlife Resources Agency**

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Rare mussel propagation and reintroduction – dromedary pearlymussel ( <i>Dromus dromas</i> ), Cumberlandian combshell ( <i>Epioblasma brevidens</i> ), oyster mussel ( <i>E. capsaeformis</i> ), cracking pearlymussel ( <i>Hemistena lata</i> ), fanshell ( <i>Cyprogenia stegaria</i> ), and purple bean ( <i>Villosa perpurpurea</i> )	\$21,000
Rare mussel translocation – Cumberlandian combshell, cracking pearlymussel, fanshell, little wing pearlymussel ( <i>Pegias fabula</i> ), tan riffleshell ( <i>E. florentina walkeri</i> ) and other rare or State listed mussels	\$20,000
Rare fish propagation and monitoring – Barrens topminnow (candidate), duskytail darter ( <i>Etheostoma percnurum</i> ), smoky	\$90,000

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
madtom ( <i>Noturus baileyi</i> ), yellowfin madtom ( <i>N. flavipinnis</i> ), boulder darter ( <i>E. wapiti</i> ) and spotfin chub ( <i>Cyprinella monacha</i> ) work with Conservation Fisheries Inc., lake sturgeon work with Tennessee Aquarium, Barrens topminnow monitoring with Tennessee Tech University	
<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Ecology and habitat study – painted snake coiled forest snail ( <i>Aquispira picta</i> )	\$12,000
Stable isotope analysis to determine migratory patterns of female Indiana bats ( <i>Myotis sodalis</i> )	\$12,000
Endangered mussel monitoring and management – dromedary pearlymussel, Cumberlandian combshell, oyster mussel, cracking pearlymussel, birdwing pearlymussel, and others	\$15,000
Movement and habitat selection assessment of pallid sturgeon ( <i>Scaphirhynchus albus</i> )	\$25,000
Barrens topminnow habitat management – barriers as control measures against invasion of mosquitofish	\$15,000
Status review and genetic analysis of streamside salamander ( <i>Ambistoma barbouri</i> )	\$12,000
Administration and coordination of endangered species program – all listed and rare animals in Tennessee	\$15,398
<b>TOTAL</b>	<b>\$237,398</b>

**Virgin Islands Department of Natural Resources**

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Leatherback sea turtle - nesting biology, surveys, monitoring, and management on Sandy Point NWR, St. Croix	\$35,156

<b>FUNDING REQUEST</b>	<b>FEDERAL FUNDS AVAILABLE</b>
Virgin Islands - administration and management of program for threatened and endangered species	\$9,000
<b>TOTAL</b>	<b>\$44,156</b>