

Alabama Department of Conservation and Natural Resources

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
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>)	\$18,549
Competition study between the pygmy sculpin (<i>Cottus paulus</i>) and banded sculpin	\$22,000
Status survey, range and abundance estimate – holiday darter (<i>Etheostoma brevirostrum</i>)	\$16,998
Sampling, surveys, health and status assessment – Alabama red-bellied turtle (<i>Pseudemys alabamensis</i>)	\$25,000
Monitoring, repair and modification to roadside fencing to prevent mortality, assessment of efficacy of fencing – Alabama red-bellied turtle	\$19,000
Study of distribution and ecology of manatees (<i>Trichechus manatus</i>) in Mobile Bay	\$38,620
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>)	\$25,890
Black Warrior River systematic mussel survey – upland combshell (<i>Epioblasma metastrata</i>), southern combshell (<i>Epioblasma penita</i>), Alabama moccasinshell (<i>Medionidus acutissimus</i>), southern clubshell (<i>Pleurobema decisum</i>), ovate clubshell (<i>P. perovatum</i>), heavy pigtoe (<i>Pleurobema taitianum</i>), Alabama heelsplitter (<i>Potamilus inflatus</i>), triangular kidneyshell (<i>Ptychobranthus greenii</i>), and other imperiled Alabama mussels	\$17,000
Comprehensive mollusk inventory in Alabama River tributaries – including species	\$20,755

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
like southern clubshell and ovate clubshell	
Competition study between the blue shiner (<i>Cyprinella caerulea</i>) and red shiner	\$29,000
Technical assistance to facilitate the restoration and enhancement of red-cockaded woodpecker (<i>Picoides borealis</i>) habitat and implementation of the Safe Harbor plan	\$25,000
Cave surveys for endangered bats in Alabama – gray bat (<i>Myotis grisescens</i>) and Indiana bat (<i>Myotis sodalis</i>)	\$7,500
Endangered species program coordination	\$15,000
Alabama cavefish status survey	\$5,001
Bear Creek system imperiled fish survey – eight imperiled Alabama fish species	\$20,000
Status survey for Alabama shad (<i>Alosa alabamae</i>)	\$22,333
TOTAL	\$327,646

Arkansas Game and Fish Commission

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
Surveys for endangered bats on the Gene Rush Wildlife Management Area – Indiana bat, gray bat, Ozark big-eared bat	\$7,500
Ouachita rock pocketbook (mussel) propagation and augmentation	\$9,000
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; also data collection and surveys for additional colonies	\$11,250
Pallid sturgeon telemetry	\$49,500
Aerial surveys for bald eagle nests	\$11,062
TOTAL	\$88,312

Arkansas Natural Heritage Commission

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
Surveys for additional populations – Harperella (<i>Ptilimnium nodosum</i>)	\$4,580
Surveys for additional populations – Running buffalo clover (<i>Trifolium stoloniferum</i>)	\$4,580
Surveys for additional populations – Eastern prairie fringed orchid (<i>Platanthera leucophaea</i>)	\$4,580
Monitoring of known sites and habitat surveys – Cossatot leafcup (<i>Polmnia cossatotensis</i>)	\$2,290
Monitoring of known sites and habitat surveys – Earleaf false foxglove (<i>Agalinis auriculata</i>)	\$2,290
TOTAL	\$18,320

Florida Department of Agriculture and Consumer Services

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
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
Demographic research and management implications of <i>Eryngium cuneifolium</i> , <i>Hypericum cumulicola</i> , <i>Liatris ohlingerae</i> ,	\$20,858

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
<i>Paronychia chartacea</i> , and <i>Polygonella basiramia</i>	
Survey, monitor, manage and protect <i>Prunus geniculata</i> , <i>Bonamia grandiflora</i> , <i>Clitoriafragrans</i> and <i>Eriogonum longifolium</i> var. <i>gnaphalifolium</i> on Seminole State Forest	\$10,000
Locate known populations, determine population sizes, and determine health of individuals of <i>Litsea aestivalis</i>	\$10,758
Locate and map all populations of Orchidaceae in Goethe State Forest, and survey, monitor, and characterize road side habitat for <i>Bonamia grandiflora</i> on Ocala National Forest	\$9,915
TOTAL	\$198,701

Florida Fish and Wildlife Conservation Commission

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
Endangered Species Coordination ¹	\$157,508
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
TOTAL	\$176,624

Georgia Department of Natural Resources

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
Location, restoration, and evaluation of bog habitat, propagation and outplanting of plant species, and egg collection and other headstarting activities for bog turtle – Swamp pink (<i>Helonias bullata</i>), Bog turtle (<i>Glyptemys muhlenbergii</i>), and Green pitcherplant (<i>Sarracenia oreophila</i>)	\$22,500
Band, monitor, capture, and translocate juveniles to increase managed populations –	\$47,500

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
Red-cockaded woodpecker (<i>Picoides borealis</i>)	
Assessment of causes of decline in Conasauga River system fishes 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>)	\$47,000
Nest protection and surveys – Loggerhead sea turtles (<i>Caretta caretta</i>)	\$58,500
Implementation of comprehensive management plan for Georgia – Manatee (<i>Trichechus manatus</i>)	\$19,800
Annual surveys of nesting colonies and analysis of landscape features of Georgia colonies – Wood stork (<i>Mycteria americana</i>)	\$8,000
Status Assessment – Persistent trillium (<i>Trillium persistens</i>)	\$18,695
Diversity study of the Unadilla Cypress Gum Swamp – Harperella (<i>Ptilimnium nodosum</i>) and Canby's dropwort (<i>Oxypolis canbyi</i>)	\$6,300
TOTAL	\$228,295

Kentucky Department of Fish and Wildlife Resources

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
Indiana bat (<i>Myotis sodalist</i>), gray bat (<i>Myotis grisescens</i>), and Virginia big-eared bat (<i>Corynorhinus townsendii virginianus</i>) monitoring, surveys, and cave protection	\$20,625
Aquatic Restoration Initiative – status assessment, early stage culture, and propagation of endangered mussels including ring pink, pink mucket, fanshell, Cumberland bean, and orangefoot pimpleback and candidates like sheepnose	\$90,000
TOTAL	\$110,625

Kentucky Nature Preserves Commission

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
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	\$17,117
TOTAL	\$33,117

Louisiana Department of Wildlife and Fisheries

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
Red-cockaded woodpecker (<i>Picoides borealis</i>) – demographic monitoring and management at Alexander State Forest Wildlife Management Area	\$8,513
Louisiana black bear (<i>Ursus americanus luteolus</i>) – determination of population parameters and dynamics of bears in the Mississippi Alluvial Plain of Louisiana	\$53,200
Louisiana pine snake (<i>Pituophis ruthveni</i>) – canine surveys on private and industrial timberland for pine snakes in Louisiana	\$8,514
TOTAL	\$70,227

Mississippi Department of Wildlife Fisheries and Parks

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
Mississippi gopher frog (<i>Rana capito sevosa</i>) – research, reproduction, translocation, monitoring, and management	\$45,000
Gulf sturgeon (<i>Acipenser oxyrinchus desotoi</i>) – assessment of habitat use and movement of juveniles	\$45,000
Wintering piping plover (<i>Charadrius melodus</i>) – non-breeding plover surveys on the mainland and data collection	\$13,429
Louisiana black bear (<i>Ursus americanus luteolus</i>) – population status and resource use study of bears in Mississippi	\$14,000
Ringed sawback turtle (<i>Graptemys oculifera</i>) – population estimate evaluation at Carthage and Columbia	\$4,000
TOTAL	\$121,429

North Carolina Department of Agriculture and Consumer Services

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
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)	\$3,974
Setting rare plant species and site protection priorities to establish plant conservation preserves – state imperiled plant species	\$9,438
Rare plant outreach and education – state imperiled plant species and all listed plant species	\$19,870
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	\$34,773

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
leaved loosestrife (<i>Lysimachia asperulifolia</i>), sand hills lily (state endangered)	
Development of rare plant species and habitat management plans – Schweinitz’s sunflower (<i>Helianthus schweinitzii</i>), pondberry (<i>Lindera melissifolia</i>), and other listed or state imperiled plant species	\$16,890
Regulatory Programs and Protected Plant Permits	\$12,916
Plant Conservation Program partnerships	\$1,490
TOTAL	\$99,351

North Carolina Wildlife Resources Commission

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
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, nest protection/management measures, data collection, and technical guidance	\$40,000
Carolina northern flying squirrel (<i>Glaucomys sabrinus coloratus</i>) – nest box surveys, conducting telemetry, and facilitating dispersal	\$1,500
Aquatic endangered species conservation - monitor, survey, conduct research and propagation and provide technical assistance for the Tar spiny mussel (<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 pearly mussel (<i>Pegias fabula</i>), Appalachian elktoe (<i>Alasmidonta raveneliana</i>) and James spiny mussel (<i>Pleurobema collina</i>)	\$48,125
Bog turtle (<i>Glyptemys muhlenbergii</i>)– bog	\$2,250

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
restoration and management in western North Carolina	
Indiana bat (<i>Myotis sodalis</i>) – summer distribution and roost tree selection study in southwest North Carolina, surveys and telemetry	\$15,000
Golden winged warbler (species of concern) – monitoring and productivity study	\$3,750
TOTAL	\$110,625

Puerto Rico Department of Environment and Natural Resources

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
Yellow-shouldered blackbird (<i>Agelaius xanthomus</i>) population management and monitoring	\$145,531
Coordinate all activities related to the Endangered Species Program for DNER	\$59,651
Mona Island iguana (<i>Cyclura stejnegeri</i>) population management, headstarting program	\$15,000
Conduct nest surveys, look at nest productivity, and reduce loss of leatherback and hawksbill sea turtles nests (<i>Dermochelys coriacea</i> ; <i>Eretmochelys imbricata</i>)	\$28,509
Conservation genetics of the Mona Island boa (<i>Epicrates monensis</i>)	\$20,000
TOTAL	\$268,691

South Carolina Department of Natural Resources

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
Research, monitoring, and management of the northern sub-population of the loggerhead sea turtle (<i>Caretta caretta</i>) in South Carolina	\$37,167
Red-cockaded woodpecker (<i>Picoides borealis</i>) recovery on state-owned and private	\$65,816

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
lands	
Smooth coneflower, white irisette, and rock gnome lichen - surveys & monitoring for plant species on mafic formations of the South Carolina mountains	\$25,962
TOTAL	\$128,945

Tennessee Department of Environment and Conservation

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
Long-term population monitoring – large flowered skullcap (<i>Scutellaria montana</i>)	\$7,200
Population monitoring at known Tennessee locations – leafy prairie clover (<i>Dalea foliosa</i>)	\$8,900
Population monitoring at known Tennessee locations – Morefield’s leather flower (<i>Clematis morefieldii</i>)	\$4,400
Monitoring – Stones River bladderpod (<i>Lesquerella stonensis</i>)	\$6,800
Population monitoring and relocation of occurrences – Piratebush (<i>Buckleya distichophylla</i>)	\$9,200
Search for new populations – Price’s potato bean (<i>Apios priceana</i>)	\$8,600
Search for new populations – Morefield’s leather flower (<i>Clematis morefieldii</i>)	\$6,500
Search for new populations – small whorled pogonia (<i>Isotria medeoloides</i>)	\$5,800

Search for new populations – white fringeless orchid (<i>Platanthera integrilabia</i>)	\$6,300
Site protection and management for Price’s potato bean (<i>Apios priceana</i>)	\$4,600
Site protection and management for all listed plants through education of electric	\$2,296

cooperatives	
Administration and project development – all listed and rare plants in Tennessee	\$2,919
TOTAL	\$73,515

Tennessee Wildlife Resources Agency

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
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 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 and Barrens topminnow work with Tennessee Aquarium, Barrens topminnow monitoring with Tennessee Tech University	\$90,000
Ecology study – painted snake coiled forest snail (<i>Aquispira picta</i>)	\$12,000
Radio telemetry study in the Cumberland Plateau of Indiana bats (<i>Myotis sodalis</i>)	\$21,000
Endangered mussel monitoring and management – dromedary pearlymussel, Cumberlandian combshell, oyster mussel, cracking pearlymussel, birdwing pearlymussel, and others	\$20,000
Movement and habitat selection assessment of pallid sturgeon (<i>Scaphirhynchus albus</i>)	\$6,000
Life history study of the laurel dace (candidate)	\$15,000
Life history study of the Barrens heelsplitter	\$10,000

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	\$15,857
TOTAL	\$242,857

Virgin Islands Department of Natural Resources

FUNDING REQUEST	FEDERAL FUNDS AVAILABLE
Leatherback, green, and hawksbill sea turtles – obtain and monitor biological and ecological information (nesting biology, surveys, monitoring) of sea turtles on the south and east coasts of St. Croix, excluding Sandy Point NWR and Buck Island	\$41,437
Virgin Islands - administration and management of program for threatened and endangered species	\$10,000
TOTAL	\$51,437