

The applicant requests authorization to take (capture, band, release, monitor nests, and install and drill artificial cavity inserts) red-cockaded woodpeckers (*Picoides borealis*) while conducting presence and absence surveys and management activities. The proposed activities will take place at the Joseph W. Jones Ecological Research Center, Ichauway, Baker County, Georgia.

TE069236-0

Applicant: U.S. Geological Survey, Wiley M. Kitchens, Gainesville, Florida

The applicant requests authorization to take (survey, capture, band, radio-tag, release, recapture, exam and measure, take feather samples, monitor nest) the snail kite (*Rostrhamus sociabilis*) while collecting information on the demography and movement of the species. The surveys will be performed throughout several wetlands in central and south Florida, including Lake Kissimmee, East and West Lake Tohopekaliga, Lake Okeechobee, Blue Cypress Marshes of the upper Saint Johns, West Palm Beach Water Catchment area (Grassy Water Preserve), ARM Loxahatchee National Wildlife Refuge, Water Conservation Areas 2A, 2B, 3A, and 3B, Big Cypress National Preserve, and the Everglades National Park, including Shark Valley and North East Shark River Slough, Florida.

TE069697-0

Applicant: University of Tennessee at Martin, Department of Agriculture and Natural Resources, 256 Brehm Hall, Martin, Tennessee

The applicant requests authorization to take (collect and display dead relic shells) for educational purposes for the following species: Southern acornshell (*Epioblasma othcaloogensis*), Cumberland (pearlymussel) bean (*Villosa trabalis*), purple bean (*Villosa perpurpurea*), green (pearlymussel) blossom (*Epioblasma torulosa gubernaculum*), tubercled (pearlymussel) blossom (*Epioblasma torulosa torulosa*), turgid (pearlymussel) blossom (*Epioblasma turgidula*), yellow (pearlymussel) blossom (*Epioblasma florentina florentina*), Catspaw (=purple cat's paw pearlymussel) (*Epioblasma obliquata obliquata*), Cumberlandian combshell (*Epioblasma brevidens*), upland combshell (*Epioblasma metastriata*), Appalachian elktoe (*Alasmidonta raveneliana*), Cumberland elktoe (*Alasmidonta atropurpurea*), fanshell (*Cyprogenia stegaria*), triangular kidneyshell (*Ptychobranchus greeni*), Alabama lampmussel (*Lampsilis*

virescens), pale (pearlymussel) lilliput (*Toxolasma cylindrellus*), winged (mussel) mapleleaf (*Quadrula fragosa*), royal (snail) marstonia (*Pyrgulopsis ogmorhaphae*), Coosa moccasinshell (*Medionidus parvulus*), Appalachian (pearlymussel) monkeyface (*Quadrula sparsa*), Cumberland (pearlymussel) monkeyface (*Quadrula intermedia*), pink (pearlymussel) mucket (*Lampsilis abrupta*), oyster mussel (*Epioblasma capsaeformis*), birdwing pearlymussel (*Conradilla caelata*), cracking pearlymussel (*Hemistena lata*), dromedary pearlymussel (*Dromus dromas*), littlewing pearlymussel (*Pagias fabula*), Cumberland pigtoe (*Pleurobema gibberum*), finereyed pigtoe (*Fusconaia cuneolus*), rough pigtoe (*Pleurobema plenum*), shiny pigtoe (*Fusconaia cor* (=edgariana)), southern pigtoe (*Pleurobema georgianum*), orangefoot (pearlymussel) pimpleback (*Plethobasus cooperianus*), finelined pocketbook (*Lampsilis altilis*), rough rabbitsfoot (*Quadrula cylindrica strigillata*), tan riffleshell (*Epioblasma florentina walkeri* (=E. Walkeri)), ring (mussel) pink (*Obovaria retusa*), Anthony's riversnail (*Athearnia anthonyi*), painted snake coiled forest snail (*Anguispira picta*), and white (pearlymussel) wartyback (*Plethobasus cicatricosus*). The proposed activities will take place throughout the state of Tennessee.

TE069754-0

Applicant: Gerald R. Dinkins, Dinkins Biological Consulting, Powell, Tennessee

The applicant requests authorization to take (survey, capture, release, translocate, and collect relict shells) all federally listed freshwater fishes and mussels identified in 50 CFR 17.11.

The proposed take will occur while conducting contract work with the Georgia Department of Transportation, Tennessee Department of Transportation, and other clients across the states of Georgia, Tennessee, and Alabama.

TE070584-0

Applicant: Mark W. Gumbert, Richmond, Kentucky.

The applicant requests authorization to take (survey, monitor, capture, band, radio tag, take tissue samples, release, track, and collect fecal samples) the following species: gray bat (*Myotis grisescens*), Indiana bat (*Myotis sodalis*), Ozark big-eared bat (*Corynorhinus townsendii ingens*), and the Virginia big-eared bat (*Corynorhinus* (=Plecocyus) *townsendii virginianus*). Take may occur while conducting presence/absence

surveys and during monitoring of the populations. The proposed activities will take place in Iowa, Missouri, Arkansas, Illinois, Indiana, Mississippi, Wisconsin, Ohio, Alabama, Georgia, North Carolina, South Carolina, West Virginia, Massachusetts, Vermont, New Hampshire, Rhode Island, Oklahoma, Virginia, Tennessee, Kansas, and Kentucky.

TE070796-0

Applicant: Apogee Environmental Consultants, Joel Beverly, Whitesburg, Kentucky.

The applicant requests authorization to take (survey, monitor, capture, band, radio tag, photograph, release, and track) the following species: gray bat (*Myotis grisescens*), Indiana bat (*Myotis sodalis*), and the Virginia big-eared bat (*Corynorhinus* (=Plecocyus) *townsendii virginianus*). Take may occur while conducting presence/absence surveys and during monitoring of the populations. The proposed activities will take place in Iowa, Missouri, Arkansas, Illinois, Indiana, Mississippi, Wisconsin, Ohio, Alabama, Georgia, North Carolina, South Carolina, West Virginia, Massachusetts, Vermont, New Hampshire, Rhode Island, Oklahoma, Virginia, Tennessee, Kansas, Maryland, Michigan, New Jersey, New York, Pennsylvania, and Kentucky.

TE070800-0

Applicant: Ecological Solutions, Inc., John Erik Alford, Roswell, Georgia.

The applicant requests authorization to take (survey, capture, release, and retain 5 individuals of each species of invertebrates and darters) the following species: blue shiner (*Cyprinella caerulea*), Etowah darter (*Etheostoma etowahae*), Cherokee darter (*Etheostoma scotti*), Amber darter (*Percina antesella*), goldline darter (*Percina aurolineata*), Conasauga logperch (*Percina jenkinsi*), snail darter (*Percina tanasi*), fat threeridge (*Amblema neislerii*), purple bankclimber (*Elliotoideus sloatianus*), upland combshell (*Epioblasma metastriata*), southern acornshell (*Epioblasma othcaloogensis*), southern combshell (*Epioblasma penita*), finelined pocketbook (*Lampsilis altilis*), orange-nacre mucket (*Lampsilis perovalis*), shinyrayed pocketbook (*Lampsilis subangulata*), Alabama moccasinshell (*Medionidus acutissimus*), Coosa moccasinshell (*Medionidus parvulus*), gulf moccasinshell (*Medionidus penicillatus*), Ochlockonee moccasinshell (*Medionidus simpsonianus*), southern clubshell (*Pleurobema decisum*), southern pigtoe