

Permit No. PRT—839506

*Applicant:* Michael H. Winn, Ecological Restoration & Management Associates, Tucson, Arizona.

Applicant requests authorization to conduct presence/absence surveys for cactus ferruginous pygmy-owls (*Glaucidium brasilianum cactorum*) in Pima County, Arizona.

Permit No. PRT—839510

*Applicant:* Michael J. Terrio, Tucson, Arizona.

Applicant requests authorization to conduct presence/absence surveys for cactus ferruginous pygmy-owls (*Glaucidium brasilianum cactorum*) within Arizona.

Permit No. PRT—827726

*Applicant:* Charles R. Bazan, Tonto National Forest, Phoenix, Arizona.

Applicant requests authorization to conduct presence/absence surveys for cactus ferruginous pygmy-owls (*Glaucidium brasilianum cactorum*) on the Tonto National Forest.

**DATES:** Written comments on these permit applications must be received on or before April 6, 1998.

**ADDRESSES:** Written data or comments should be submitted to the Legal Instruments Examiner, Division of Endangered Species/Permits, Ecological Services, P.O. Box 1306, Albuquerque, New Mexico 87103. Please refer to the respective permit number for each application when submitting comments. All comments received, including names and addresses, will become part of the official administrative record and may be made available to the public.

**FOR FURTHER INFORMATION CONTACT:** U.S. Fish and Wildlife Service, Ecological Services, Division of Endangered Species/Permits, P.O. Box 1306, Albuquerque, New Mexico 87103. Please refer to the respective permit number for each application when requesting copies of documents. Documents and other information submitted with these applications are available for review, subject to the requirements of the Privacy Act and Freedom of Information Act, by any party who submits a written request for a copy of such documents within 30 days of the date of publication of this notice, to the address above.

**Renne Lohofener,**

ARD-Ecological Services, Region 2, Albuquerque, New Mexico.

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## DEPARTMENT OF THE INTERIOR

### Fish and Wildlife Service

#### Endangered and Threatened Species Permit Applications

**AGENCY:** Fish and Wildlife Service, Interior.

**ACTION:** Notice of receipt of applications.

The following applicants have applied for permits to conduct certain activities with endangered species. This notice is provided pursuant to section 10(c) of the Endangered Species Act of 1973, as amended (16 U.S.C. 1531, *et seq.*).

PRT-838058 A1

*Applicant:* U.S. Army Corps of Engineers, Environmental Analysis Branch, Memphis, Tennessee; Kristin J. Pelizza, Principal Investigator.

The applicant requests an amendment to permit PRT-838058, which allows take (capture and release) of fat pocketbook [*Potamilus (=Proptera) capax*], pink mucket pearlymussel [*Lampsilis abrupta (=orbiculata)*], and winged mapleleaf mussel (*Quadrula fragosa*) in Missouri. A request has been made in the current application for a permit to allow take (capture and release) of the same species in Arkansas, Mississippi, and Tennessee as well. Activities are proposed to document presence or absence of the species for the purpose of survival and enhancement of the species in the wild.

PRT-839762

*Applicant:* Owen A. Perkins, Royal Oak, Michigan.

The applicant requests a permit to take (capture and release; collect voucher specimens) Karner blue butterfly (*Lycaeides melissa samuelis*) and Mitchell satyr's butterfly (*Neonympha mitchellii mitchellii*) in the state of Michigan. Activities are proposed to document presence or absence of the species for the purpose of survival and enhancement of the species in the wild.

PRT-839763

*Applicant:* John O. Whitaker, Jr., Indiana State University, Terre Haute, Indiana.

The applicant requests a permit to take (capture, handle, radio-tag, and release) gray bat (*Myotis grisescens*) and Indiana bat (*M. sodalis*) in Indiana and Iowa. Activities are proposed for the purpose of scientific research aimed at enhancement and survival of the species in the wild.

PRT839764

*Applicant:* John E. Schwegman, Metropolis, Illinois.

The applicant requests a permit to take (salvage dead shells) Alabama lampmussel (*Lampsilis virescens*), Appalachian monkeyface pearlymussel (*Quadrula sparsa*), Appalachian elktoe (*Alasmidonta raveneliana*), birdwing pearlymussel (*Conradilla caelata*), clubshell (*Pleurobema clava*), Coosa moccasinshell (*Medionidus parvulus*), cracking pearlymussel [*Hemistena (=Lastena) lata*], Cumberland bean pearlymussel [*Villosa (=Micromya) trabalis*], Cumberland monkeyface pearlymussel (*Quadrula intermedia*), Cumberland pigtoe (=Cumberland pigtoe mussel) (*Pleurobema gibberum*), Curtis' pearlymussel [*Epioblasma (=Dysnomia) florentina curtisi*], dromedary pearlymussel (*Dromus dromas*), fanshell [*Cyprogenia stegaria (=irrorata)*], fat pocketbook [*Potamilus (=Proptera) capax*], fine-rayed pigtoe (*Fusconaia cuneolus*), green-blossom pearlymussel [*Epioblasma (=Dysnomia) torulosa gubernaculum*], Higgins' eye pearlymussel (*Lampsilis higginsii*), little-wing pearlymussel (*Pegias fabula*), northern riffleshell (*Epioblasma torulosa rangiana*), orange-foot pimple back pearlymussel (*Plethobasus cooperianus*), ovate clubshell (*Pleurobema perovatum*), pale lilliput pearlymussel [*Toxolasma (=Carunculina) cylindrellus*], pink mucket pearlymussel [*Lampsilis abrupta (=orbiculata)*], purple cat's paw pearlymussel [*Epioblasma (=Dysnomia) obliquata obliquata (=sulcata sulcata)*], ring pink mussel (=golf stick pearly), (*Obovaria retusa*), rough pigtoe (*Pleurobema plenum*), shiny pigtoe [*Fusconaia cor (=edgariana)*], southern pigtoe (*Pleurobema georgianum*), southern acornshell (*Epioblasma othcaloogensis*), tan riffleshell (*Epioblasma walkeri*), triangular kidneyshell (*Ptychobranchus greeni*), tubercled-blossom pearlymussel [*Epioblasma (=Dysnomia) torulosa torulosa*], turgid-blossom pearlymussel [*Epioblasma (=Dysnomia) turgidula*], upland combshell (*Epioblasma metastrata*), white cat's paw pearlymussel [*Epioblasma (=Dysnomia) obliquata perobliqua*], white wartback pearlymussel (*Plethobasus cicatricosus*), winged mapleleaf mussel (*Quadrula fragosa*), and yellow-blossom pearlymussel [*Epioblasma (=Dysnomia) florentina florentina*] in Illinois, Indiana, Kentucky, Missouri, and Tennessee. Activities are proposed for the purpose of scientific research aimed at enhancement and survival of the species in the wild.

PRT-839766

*Applicant:* Patrick Redig, The Raptor Center at the University of Minnesota, St. Paul, Minnesota.

The applicant requests a permit to take (trap, radio-tag, and release; and re-trap, remove radio tags, and release) peregrine falcons (*Falco peregrinus*) in the states of Minnesota and Wisconsin. Activities are proposed for the purpose of scientific research aimed at enhancement and survival of the species in the wild.

PRT-839774

*Applicant:* Michael J. Harvey, Cookeville, Tennessee.

The applicant requests a permit to take (capture and release) grey bat (*Myotis grisescens*), Indiana bat (*M. sodalis*), Ozark big-eared bat (*Plecotus townsendii ingens*), and Virginia big-eared bat (*P. townsendii virginianus*) throughout the ranges of the species. Activities are proposed for the purpose of presence or absence surveys aimed at survival and enhancement of the species in the wild.

PRT-839777

*Applicant:* Don R. Helms, Helms & Associates, Bellevue, Iowa.

The applicant requests a permit to take (capture, release, and translocate) Higgin's eye pearlymussel (*Lampsilis higginsii*) in the states of Illinois and Iowa. Activities are proposed to document presence or absence of the species for the purpose of survival and enhancement of the species in the wild and to translocate as authorized in a U.S. Fish and Wildlife Service Biological Opinion.

PRT-839779

*Applicant:* Bruce A. Kingsbury, Purdue University, Fort Wayne, Indiana.

The applicant requests a permit to take (harass through survey, capture, hold, radio-tag, and release) copper belly water snake (northern population) (*Nerodia erythrogaster neglecta*) throughout the range of the species. Activities are proposed to document presence or absence of the species and to conduct scientific research aimed at the survival and enhancement of the species in the wild.

PRT-839782

*Applicant:* Bob Vande Kopple, University of Michigan Biological Station, Pellston, Michigan.

The applicant requests a permit to take (harass through survey, capture, and release) Hungerford's crawling water beetle (*Brychius hungerfordi*) in the states of Michigan and Wisconsin. Activities are proposed to document presence or absence of the species for

the purpose of survival and enhancement of the species in the wild.

Written data or comments should be submitted to the Regional Director, U.S. Fish and Wildlife Service, Ecological Services Operations, 1 Federal Drive, Fort Snelling, Minnesota 55111-4056, and must be received within 30 days of the date of this publication.

Documents and other information submitted with these applications are available for review by any party who submits a written request for a copy of such documents to the following office within 30 days of the date of publication of this notice: U.S. Fish and Wildlife Service, Ecological Services Operations, 1 Federal Drive, Fort Snelling, Minnesota 55111-4056. Telephone: (612/713-5332); FAX: (612/713-5292).

Dated: February 26, 1998.

**Matthias A. Kerschbaum,**

*Acting Assistant Regional Director, IL, IN, MO (Ecological Services), Region 3, Fort Snelling, Minnesota.*

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## DEPARTMENT OF THE INTERIOR

### Fish and Wildlife Service

#### Notice of Availability of a Technical/ Agency Draft Multi-Species Recovery Plan for the Threatened and Endangered Species of South Florida

**AGENCY:** Fish and Wildlife Service, Interior.

**ACTION:** Notice of document availability and public comment period.

**SUMMARY:** The Fish and Wildlife Service (Service) announces the availability for public review of Volume I of a two volume draft multi-species recovery plan for the threatened and endangered species of South Florida and the ecosystems upon which they depend. Volume I contains information on the individual species as well as their recovery goals, criteria, and tasks. These species may occur only in South Florida, or throughout the state, southeastern United States, and the world. Volume II will focus on the ecosystems these species depend upon. The Service solicits review and comments from the public on Volume I of the draft recovery plan.

**DATES:** Comments on the draft recovery plan must be received on or before September 30, 1998, to ensure consideration by the Service.

**ADDRESSES:** Copies of the draft recovery plan can be obtained by contacting the U.S. Fish and Wildlife Service Publications Unit, National

Conservation Training Center, c/o Aramark, Rt. 1 Box 166, Shepherd Grade Rd., Shepherdstown, West Virginia 25443. The Service is encouraging that requests for copies be for the CD-ROM version as the hard copy encompasses approximately 1,100 pages. Written comments and materials regarding the plan should be addressed to Dawn Jennings, South Florida Field Office, 1360 U.S. Highway 1, Suite 5, Vero Beach, Florida 32960. Comments and materials received are available on request for public inspection, by appointment, during normal business hours at the South Florida Field Office.

**FOR FURTHER INFORMATION CONTACT:** Dawn Jennings at the South Florida Field Office (561) 562-3909 for information on the recovery plan; the U.S. Fish and Wildlife Service Publications Unit (304) 876-7203 for additional copies of the draft recovery plan.

#### SUPPLEMENTARY INFORMATION:

##### Background

Restoring endangered or threatened animals and plants to the point where they are again secure, self-sustaining members of their ecosystems is a primary goal of the Fish and Wildlife Service's threatened and endangered species program. To help guide the recovery effort, the Service prepares recovery plans for most of the listed species native to the United States. Recovery plans describe actions that may be necessary for conservation of these species, establish criteria for the recovery levels for reclassification from endangered to threatened status or removal from the list, and estimate the time and cost for implementing the needed recovery measures.

The Endangered Species Act of 1973 (Act), as amended (16 U.S.C. *et seq.*) requires the development of recovery plans for listed species unless such a plan would not promote the conservation of a particular species. Section 4(f) of the Act requires that public notice and an opportunity for public review and comment be provided during the recovery plan development. The Service will consider all information presented during a public comment period prior to approval of each new or revised recovery plan. The Service and other Federal agencies will take these comments into account in the course of implementing approved recovery plans.

The Multi-Species Recovery Plan identifies the recovery and restoration needs of 68 threatened and endangered species and their habitats in the South Florida Ecosystem—an area