

1531 *et seq.*) requires that, for any petition to revise the lists of endangered and threatened wildlife and plants that contains substantial scientific or commercial information, findings be made within 12 months of the date of receipt of the petition. Provisions at Section 2(b)(1) of the Amendments require that petitions pending on the date of enactment of the Amendments (hereafter called pending petitions) be treated as having been filed on that date. Findings (hereafter called 12-month findings) on these petitions were therefore made on October 13, 1983. This notice reports these findings and describes the Service's progress in revising the lists of endangered and threatened wildlife and plants during the year following the enactment of the Amendments.

DEPARTMENT OF THE INTERIOR

Fish and Wildlife Service

50 CFR Part 17

Endangered and Threatened Wildlife and Plants; Findings on Pending Petitions and Description of Progress on Listing Actions

AGENCY: Fish and Wildlife Service, Interior.

ACTION: Notice of findings on pending petitions and description of progress on listing actions.

SUMMARY: The Service announces its findings on pending petitions to revise the lists of endangered and threatened plant and animal species. Provisions of the Endangered Species Act Amendments of 1982 (Amendments) required that these findings be made within one year of the effective date of the Amendments. This notice also includes a summary of the Service's progress in revising the lists since passage of the Amendments.

DATE: The findings described in this notice were made on October 13, 1983. The description of the Service's progress in revising the lists is current as of that same date.

FOR FURTHER INFORMATION CONTACT: Mr. John L. Spinks, Jr., Chief, Office of Endangered Species, U.S. Fish and Wildlife Service, Washington, D.C. 20240; (703/235-2771).

SUPPLEMENTARY INFORMATION: Section 4(b)(3)(B) of the Endangered Species Act of 1973, as amended in 1982 (16 U.S.C.

Findings

The petitioned actions that are the subjects of this notice are those for which a previous determination had been made that the petition contained substantial scientific or commercial information indicating that the petitioned action may be warranted. Some of these determinations were made and announced in the *Federal Register* before the enactment of the Amendments. The remainder of these determinations were announced in the *Federal Register* on February 15, 1983 (48 FR 6752-6753).

Subsequent to the February 15, 1983, *Federal Register* notice, the Service has determined that the petition for designation of critical habitat for the Higgins' eye pearly mussel is not a petition requiring published findings under the Act. The petition review provision in Section 4(b)(3)(D) of the Act applies to petitions to revise existing critical habitat, not to petitions to designate critical habitat in the first instance (see proposed Section 4 regulations, 48 FR 36062 (August 8, 1983) proposed to be codified at 50 CFR 424.14(d)). Although further published findings under the Act on this particular petition are therefore unnecessary, it has nevertheless been considered as a general petition for rule under the Administrative Procedure Act (5 U.S.C. 553). The Service has determined that such designation would be inappropriate in this case, and has so informed the petitioner.

Section 4(b)(3)(B) of the Act requires that the Service make one of the following 12-month findings on each petition containing substantial

information: (i) The petitioned action is not warranted; (ii) the petitioned action is warranted and the petitioned action will be proposed promptly; or (iii) the petitioned action is warranted but precluded by other efforts to revise the lists, and expeditious progress is being made in listing and delisting species.

Petitioned actions found to be warranted ((ii) above) will be the subjects of proposals that will be published soon or have already been published in the *Federal Register*. Findings of "not warranted" and "warranted but precluded" ((i) and (iii) above, respectively) for pending petitions are reported here.

The Service's 12-month findings of "not warranted" or "warranted but precluded" on pending petitions on animal taxa are given in Table 1. Petitioned actions that are found to be not warranted are indicated by the word "No" in the "Warranted?" column opposite the name of the affected species. Species that are the subjects of petitioned actions that are found to be warranted but precluded are designated with either "Yes" or "Yes*" in the "Warranted?" column. ("Yes" and "Yes*" correspond to categories 1 and 2, respectively, in the general animal notices of review. The general notice for vertebrate animals was published on December 30, 1982 (47 FR 58454-58460), and can be consulted on the definitions of these category designations. The general notice on invertebrate animals is currently being prepared.)

In the case of the petitions for the bobcat (*Lynx rufus*) and the river otter (*Lutra canadensis*), reported as "not warranted," the Service has considered available information and existing regulatory mechanisms (such as the Convention on International Trade in Endangered Species of Wild Fauna and Flora) and believes that listing action under Section 4(a) of the Act is not warranted at this time. An additional finding of "warranted but precluded" is made herein in the case of 58 foreign bird species for which listing was petitioned in 1980 by Dr. Warren B. King, Chairman, United States Section, International Council for Bird Preservation. The Service published a notice of review for these species on May 12, 1981 (46 FR 26464). Readers should refer to that notice for the names of the species involved. Publication of a proposal to list these species is planned during the present fiscal year (ending September 30, 1984).

TABLE 1.—12 MONTH FINDINGS ON PENDING PETITIONS ON ANIMAL SPECIES.

Species	Petitioner	Date	Status review	Warra.tited
Muscular sponge, <i>Anheteromeyeria biceps</i>	Ronald M. Cowden.....	June 17, 1974.....	Apr. 22, 1975 (40 FR 17764).....	No.....
Carolina sponge, <i>Conomeyeria carolinensis</i>	do.....	do.....	do.....	Yes.*.....
Oklawaha sponge, <i>Dosilia palmeri</i>	do.....	do.....	do.....	Yes.*.....
Kissimmee sponge, <i>Ephydatia subitilis</i>	do.....	do.....	do.....	Yes.*.....
Pennsylvania sponge, <i>Heteromeyeria longistylis</i>	do.....	do.....	do.....	Yes.*.....
Oneida sponge, <i>Spongilla heterosclerita</i>	do.....	do.....	do.....	Yes.*.....
Spongy sponge, <i>Spongilla spongiosa</i>	do.....	do.....	do.....	No.....
Central Missouri cave amphipod, <i>Allocrangonyx hubrichti</i>	National Speleological Society.....	Sept. 9, 1974.....	Apr. 28, 1975 (40 FR 18476).....	Yes.*.....
Oklahoma cave amphipod, <i>Allocrangonyx peluicicus</i>	do.....	do.....	do.....	Yes.*.....
Kansas well amphipod, <i>Bactrurus hubrichti</i>	do.....	do.....	do.....	No.....
Anomalous spring amphipod, <i>Crangonyx anomalus</i>	do.....	do.....	do.....	No.....
Appalachian Valley cave amphipod, <i>Crangonyx antennatus</i>	do.....	do.....	do.....	No.....
Pennsylvania cave amphipod, <i>Crangonyx dearolfi</i>	do.....	do.....	do.....	Yes.*.....
Hobb's cave amphipod, <i>Crangonyx hobbsi</i>	do.....	do.....	do.....	Yes.*.....
Minor cave amphipod amphipod, <i>Crangonyx minor</i>	do.....	do.....	do.....	No.....
Packard's cave amphipod, <i>Crangonyx packardii</i>	do.....	do.....	do.....	No.....
Illinois cave amphipod, <i>Gammarus acherondytes</i>	do.....	do.....	do.....	Yes.*.....
Bousfield's amphipod, <i>Gammarus bousfieldi</i>	do.....	do.....	do.....	Yes.*.....
Noel's amphipod, <i>Gammarus desperatus</i>	do.....	do.....	do.....	Yes.*.....
Diminutive amphipod, <i>Gammarus hyalleoides</i>	do.....	do.....	do.....	Yes.*.....
Peccos amphipod, <i>Gammarus peccos</i>	do.....	do.....	do.....	Yes.*.....
Allegheny cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>alleghen-</i> <i>ensis</i>	do.....	do.....	do.....	No.....
Tidewater interstitial amphipod, <i>Stygobromus</i> (= <i>Apocrangonyx</i>) <i>araeus</i>	do.....	do.....	do.....	Yes.*.....
Arizona cave amphipod, <i>Stygobromus arizonensis</i>	J. Holsinger.....	July 12, 1974.....	do.....	Yes.*.....
Balcones cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>balconis</i>	National Speleological Society.....	Sept. 9, 1974.....	do.....	Yes.*.....
Barr's cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>barr</i>	do.....	do.....	do.....	Yes.*.....
Bifurcated cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>bifurcatus</i>	do.....	do.....	do.....	Yes.*.....
Bowman's cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>bowmani</i>	do.....	do.....	do.....	Yes.*.....
Clanton's cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>clantoni</i>	do.....	do.....	do.....	Yes.*.....
Burnsville Cove cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>con-</i> <i>rad</i>	do.....	do.....	do.....	Yes.*.....
Cooper's cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>cooperi</i>	do.....	do.....	do.....	Yes.*.....
Cascade Cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>dejectus</i>	do.....	do.....	do.....	Yes.*.....
Elevated spring amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>elatus</i>	do.....	do.....	do.....	Yes.*.....
Greenbriar Cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>emargin-</i> <i>atus</i>	do.....	do.....	do.....	Yes.*.....
Ephemeral cave amphipod, <i>Stygobromus</i> (= <i>Apocrangonyx</i>) <i>ephe-</i> <i>merus</i>	do.....	do.....	do.....	Yes.*.....
Central Kentucky cave amphipod, <i>Stygobromus exilis</i>	do.....	do.....	do.....	No.....
Ezell's Cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>flagellatus</i>	do.....	do.....	do.....	Yes.*.....
Shenandoah Valley cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>gracilipes</i>	do.....	do.....	do.....	No.....
Grady's cave amphipod, <i>Stygobromus gradi</i>	J. Holsinger.....	July 12, 1974.....	do.....	Yes.*.....
Devil's Sinkhole amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>hadeno-</i> <i>cus</i>	National Speleological Society.....	Sept. 9, 1974.....	do.....	Yes.*.....
Hara's cave amphipod, <i>Stygobromus herai</i>	J. Holsinger.....	July 12, 1974.....	do.....	Yes.*.....
Amphipod (no common name), <i>Stygobromus heteropodus</i>	National Speleological Society.....	Aug. 9, 1974.....	do.....	Yes.*.....
Maiheur Cave amphipod, <i>Stygobromus hubbsi</i>	J. Holsinger.....	July 12, 1974.....	do.....	Yes.*.....
Tidewater amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>indentatus</i>	National Speleological Society.....	Sept. 9, 1974.....	do.....	Yes.*.....
Iowa amphipod, <i>Stygobromus iowae</i>	do.....	do.....	do.....	No.....
Long-legged cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>lor-</i> <i>ripes</i>	do.....	do.....	do.....	Yes.*.....
Rubious cave amphipod, <i>Stygobromus</i> (= <i>Apocrangonyx</i>) <i>lucifugus</i>	do.....	do.....	do.....	No.....
Mackenzie's cave amphipod, <i>Stygobromus mackenziei</i>	J. Holsinger.....	July 12, 1974.....	do.....	Yes.*.....
Southwestern Virginia cave amphipod, <i>Stygobromus mackini</i>	National Speleological Society.....	Sept. 9, 1974.....	do.....	No.....
Mountain cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>montanus</i>	do.....	do.....	do.....	Yes.*.....
Morrison's cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>morrisoni</i>	do.....	do.....	do.....	Yes.*.....
Bath County cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>mundus</i>	do.....	do.....	do.....	Yes.*.....
Norton's cave amphipod, <i>Stygobromus</i> (= <i>Apocrangonyx</i>) <i>nortoni</i>	do.....	do.....	do.....	Yes.*.....
Oronodaga cave amphipod, <i>Stygobromus oronodagensis</i>	do.....	do.....	do.....	Yes.*.....
Oregon cave amphipod, <i>Stygobromus oragonensis</i>	J. Holsinger.....	July 12, 1974.....	do.....	No.....
Ozark cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>ozarkensis</i>	National Speleological Society.....	Sept. 9, 1974.....	do.....	Yes.*.....
Minute cave amphipod, <i>Stygobromus</i> (= <i>Apocrangonyx</i>) <i>parvus</i>	do.....	do.....	do.....	Yes.*.....
Peck's cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>pecki</i>	do.....	do.....	do.....	Yes.*.....
Pizzini's cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>pizzini</i>	do.....	do.....	do.....	Yes.*.....
Wisconsin well amphipod, <i>Stygobromus putealis</i>	do.....	do.....	do.....	Yes.*.....
Reddell's cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>reddelli</i>	do.....	do.....	do.....	Yes.*.....
Alabama well amphipod, <i>Stygobromus smithi</i>	do.....	do.....	do.....	Yes.*.....
Spring cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>spinatus</i>	do.....	do.....	do.....	Yes.*.....
Stelmack's cave amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>steli-</i> <i>macki</i>	do.....	do.....	do.....	Yes.*.....
Subtle cave amphipod, <i>Stygobromus</i> (= <i>Apocrangonyx</i>) <i>subtilis</i>	do.....	do.....	do.....	Yes.*.....
Potomac groundwater amphipod, <i>Stygobromus</i> (= <i>Stygonectes</i>) <i>tenuis potomacus</i>	do.....	do.....	do.....	No.....
Wengerors' cave amphipod, <i>Stygobromus wengerorum</i>	J. Holsinger.....	July 12, 1974.....	do.....	Yes.*.....
Palm Springs cave crayfish, <i>Procambarus acherontis</i>	National Speleological Society.....	Sept. 9, 1974.....	do.....	Yes.*.....
Texas cave shrimp, <i>Palaemonetes antrorum</i>	do.....	do.....	do.....	Yes.*.....
Squirrel Chimney cave shrimp, <i>Palaemonetes cummingsi</i>	do.....	do.....	do.....	Yes.*.....
Alabama cave shrimp, <i>Palaemonias alabamae</i>	do.....	do.....	do.....	Yes.*.....
Columbia River tiger beetle, <i>Cicindela columbica</i>	Gary Shook.....	Dec. 15, 1979.....	Mar. 3, 1980 (45 FR 13786).....	Yes.*.....
Wilbur Springs shore bug, <i>Saldula usingeri</i>	A. Andrade, Friends of Wilbur.....	Mar. 7, 1979.....	July 25, 1979 (44 FR 43709).....	No.....
Uncompagtre fritillary butterfly, <i>Bolonia acrocroma</i>	Lawrence F. Gall.....	Nov. 5, 1979.....	Feb. 8, 1980 (45 FR 8029).....	Yes.*.....
Florida atala butterfly, <i>Eumaeus atala florida</i>	Jo Brewer.....	Oct. 23, 1974.....	Mar. 20, 1975 (40 FR 12691).....	No.....
Bay checkerspot butterfly, <i>Euphydryas editha bayensis</i>	Bruce A. Wilcox, Dennis D. Murphy, and Paul R. Ehrlich.....	Oct. 21, 1980.....	Feb. 13, 1981 (46 FR 43709).....	Yes.*.....
Mitchell's woodsaty butterfly, <i>Neonympha (Euptychia) mitchelli</i>	R. Charles.....	Nov. 19, 1974.....	Mar. 20, 1975 (40 FR 17757).....	No.....
Atossa fritillary butterfly, <i>Speyeria adiastra atossa</i>	Jo Brewer.....	Oct. 23, 1974.....	Mar. 20, 1975 (40 FR 17757).....	No.....
Weiss's sphinx moth, <i>Euproserpinus weissi</i>	Karolis Bagdonas.....	Jan. 26, 1981.....	June 26, 1981 (46 FR 33053).....	Yes.*.....
San Francisco tree lupine moth, <i>Grapholitha edwardsiana</i>	Richard A. Arnold and Jerry A. Powell.....	Dec. 12, 1982.....	Feb. 15, 1980 (48 FR 6752).....	Yes.*.....
Bliss Rapids snail, Hydrobiidae (species and genus undescribed).....	Peter A. Bowler.....	Feb. 07, 1980.....	Apr. 23, 1980 (45 FR 27723).....	Yes.*.....

TABLE 1.—12 MONTH FINDINGS ON PENDING PETITIONS ON ANIMAL SPECIES.—Continued

Species	Pétitioner	Date	Status review	Warranted
Snake River physa snail, <i>Physa</i> sp.	do.	do.	do.	Yes.*
Ozark cavefish, <i>Amblyopsis rosea</i>	Missouri Department of Conservation	July 23, 1982	Dec. 30, 1982 (47 FR 58454)	Yes.*
Niangua darter, <i>Etheostoma nianguae</i>	Ozarks Endangered Species Task Force	Dec. 10, 1980	Apr. 19, 1981 (46 FR 21208)	Yes.*
Shoshone sculpin, <i>Cottus greenii</i>	P.A. Bowler	Dec. 13, 1979	Mar. 26, 1980 (45 FR 19853)	Yes.*
Bonneville cutthroat trout, <i>Salmo clarki utah</i>	P.G. Sanchez, Desert Fishes Council	Oct. 23, 1979	Mar. 26, 1980 (45 FR 19857)	Yes.*
Marianas crow, <i>Corvus kubaryi</i>	Internat. Council. Bird Preservation	Nov. 24, 1980	May 12, 1981 (46 FR 26464)	Yes.*
Marianas fruit dove, <i>Ptilinopus roseicapillus</i>	do.	do.	do.	Yes.*
Rufous-fronted fantail, <i>Rhipidura rufifrons uraniae</i>	Paul M. Calvo, Governor of Guam	Dec. 23, 1981	Dec. 30, 1982 (47 FR 53454)	Yes.*
Marianas gallinule, <i>Gallinula chloropus guami</i>	Internat. Council. Bird Preservation	Nov. 24, 1980	May 12, 1981 (46 FR 26464)	Yes.*
Tule white-fronted goose, <i>Anser albifrons elgasi</i>	do.	do.	do.	No.
Puerto Rican sharp-shinned hawk, <i>Accipiter striatus venator</i>	do.	do.	do.	Yes.*
Puerto Rican broad-winged hawk, <i>Buteo platypterus brunnescens</i>	do.	do.	do.	Yes.*
Guam Micronesian kingfisher, <i>Halcyon cinnamomina cinnamomina</i>	do.	do.	do.	Yes.*
Truk monarch, <i>Metabolus rugensis</i>	do.	do.	do.	Yes.*
Ponape short-eared owl, <i>Asio flammeus ponapensis</i>	Internat. Council. Bird Preservation	Nov. 24, 1980	May 12, 1981 (46 FR 26464)	Yes.*
Virgin Islands screech owl, <i>Otus nudipes newtoni</i>	do.	do.	do.	Yes.*
Palau blue-faced parrotfinch, <i>Erythrura trichroa pelewensis</i>	do.	do.	do.	Yes.*
Palau Nicobar pigeon, <i>Caloenas nicobarica pelewensis</i>	do.	do.	do.	Yes.*
Radak Micronesian pigeon, <i>Ducula oceanica radakensis</i>	do.	do.	do.	Yes.*
Truk Micronesian pigeon, <i>Ducula oceanica teraki</i>	do.	do.	do.	Yes.*
Guam rail, <i>Rallus oostoni</i>	do.	do.	do.	Yes.*
Amek song sparrow, <i>Melospiza conspiciata rotensis</i>	do.	do.	do.	Yes.*
Interior least tern, <i>Sterna albifrons athalasso</i>	Oklahoma Ornithological Society	Nov. 17, 1975	Dec. 30, 1982 (47 FR 58454)	Yes.*
Arizona Bell's vireo, <i>Vireo bellii arizonae</i>	James M. Graves	Nov. 8, 1979	Feb. 6, 1980 (45 FR 8030)	No.
Least Bell's vireo, <i>Vireo bellii pusillus</i>	do.	do.	do.	Yes.*
Truk greater white-eye, <i>Rukia ruki</i>	Internat. Council. Bird Preservation	Nov. 24, 1980	May 12, 1981 (46 FR 26464)	Yes.*
Rota bridled white-eye, <i>Zosterops conspiciata rotensis</i>	do.	do.	do.	Yes.*
Palau white-breasted woodswallow, <i>Artamus leucorhynchus pelewensis</i>	do.	do.	do.	Yes.*
Bobcat, <i>Lynx rufus</i>	Defenders of Wildlife	Jan. 20, 1977	July 13, 1977 (42 FR 35996)	No.
Woodland caribou, <i>Rangifer tarandus montanus</i>	Jan Strobeck, C.E. Knoder, W.D. Carrier and J. M. Conley	Oct. 24, 1982	Feb. 09, 1981 (46 FR 11567)	Yes.*
Marten, <i>Martes americana americana</i>	Sierra Club	June 25, 1975	Aug. 25, 1976 (41 FR 35855)	No.
Choctawhatchee beach mouse, <i>Peromyscus polionotus allophrys</i>	S. R. Humphrey	June 16, 1982	Oct. 6, 1982 (47 FR 44125)	Yes.*
Alabama beach mouse, <i>Peromyscus polionotus ammobates</i>	D. C. Holliman	Nov. 2, 1982	Dec. 30, 1982 (47 FR 58454)	Yes.*
Perdido Key beach mouse, <i>Peromyscus polionotus trissyllepsis</i>	S. R. Humphrey	June 16, 1982	Oct. 6, 1982 (47 FR 44125)	Yes.*
River otter, <i>Lutra canadensis</i>	Fund for Animals	Apr. 11, 1977	July 28, 1977 (42 FR 38395)	No.
Silver rice rat, <i>Oryzomys argentatus</i>	Center for Action on Endangered Species	Apr. 12, 1980	July 14, 1980 (45 FR 47365)	Yes.*

"Not warranted" and "warranted but precluded" findings for pending plant petitions are announced in this notice by categories: their application to individual taxa is published in a supplementary plant notice of review in the November 28, 1983, **Federal Register** (48 FR 53640-53670). The plant notice category number opposite the name of each taxon that is the subject of a pending petition indicates the Service's finding on that taxon. Findings of "not warranted" on the petitioned action are hereby reported by the designation of subcategories 3A, 3B, or 3C for such taxa. Findings of "warranted but precluded" are hereby reported by the designation of category 1, 1*, 1**, 2, or 2* for such subject taxa. The complete definitions of these category numbers are described in the supplement to the 1980 general plant notice (45 FR 82479). Section 4(b)(3)(C)(i) of the Act requires that a petition found to be warranted but precluded be treated as an accepted petition newly submitted on the date of the finding. A finding on such a petition must then be made again within 12 months of the date of the first 12-month finding.

Progress in Revision of the Lists

Section 4(b)(3)(B)(iii) of the Act states that petitioned actions may be found to be warranted but precluded by other

listing actions when it is also found that the Service is making expeditious progress in revising the lists. The Service's progress in revising the lists since October 13, 1982, the effective date of the Amendments, is described in this section of the present notice. The described activities preclude immediate action on the "warranted but precluded" petitioned actions.

Section 4(g) of the Amendments requires the Service to establish agency guidelines so that revisions of the lists may take place efficiently and effectively. The Service accordingly established listing priority guidelines in a notice published in the **Federal Register** (48 FR 43098-43105) on September 21, 1983. The Service has further complied with Section 4 by proposing (48 FR 36062-36069; published August 8, 1983) to revise listing procedures to comply with the Amendments. A final rule establishing these procedures is now being prepared for publication in the **Federal Register**.

The Service's progress in revising the lists during the 12-month period following the effective date of the Amendments is represented by the publication in the **Federal Register** of final listing actions on 28 species, proposed listing actions on 83 species, and emergency listings on 8 species. The number of species affected by each type

of listing action published during this period is presented in Table 2.

TABLE 2.—LISTING ACTIONS DURING THE 1-YEAR PERIOD FOLLOWING THE EFFECTIVE DATE OF THE ENDANGERED SPECIES ACT AMENDMENTS OF 1982

Type of action	Number of species affected
Final endangered status with critical habitat.....	6
Emergency endangered status with critical habitat....	2
Emergency endangered status.....	3
Final endangered status.....	6
Final threatened status.....	12
Proposed change from threatened to endangered status.....	1
Proposed endangered status with critical habitat.....	12
Proposed threatened status with critical habitat.....	3
Proposed endangered status.....	45
Proposed threatened status.....	14
Final change from endangered and threatened to threatened by similarity of appearance.....	1
Proposed change from endangered to threatened status.....	2
Final removal from lists.....	3
Proposed removal from lists.....	6

As of October 13, 1983, the Service's Washington Office of Endangered Species was also reviewing documents that would propose or make final listing actions on 95 species. The type of action and numbers of affected species are given in Table 3.

TABLE 3.—POSSIBLE LISTING ACTIONS FOR WHICH THE SERVICE WAS REVIEWING DRAFT DOCUMENTS ON OCTOBER 13, 1983

Type of action	Number of species affected
Final endangered status.....	3
Final threatened status with critical habitat.....	2
Final threatened status.....	1
Proposed endangered status with critical habitat.....	58
Proposed threatened status with critical habitat.....	13
Proposed endangered status.....	5
Proposed threatened status.....	3
Proposed change from threatened to threatened by similarity of appearance.....	1
Final removal from lists.....	1
Proposed removal from lists.....	6
Final designation of critical habitat.....	2

The Service has also identified 173 species for which listing documents are to be developed during the fiscal year beginning October 1, 1983. The numbers of species affected and types of listing actions are given in Table 4. The Service anticipates that listing actions in addition to these will be identified during the fiscal year.

TABLE 4.—POSSIBLE LISTING ACTIONS FOR WHICH THE SERVICE EXPECTS TO DEVELOP DRAFT LISTING DOCUMENTS DURING THE FISCAL YEAR BEGINNING OCTOBER 1, 1983

Type of action	Number of species affected
Final endangered status with critical habitat.....	14
Final endangered status.....	20
Final threatened status with critical habitat.....	2
Final threatened status.....	5
Proposed endangered status with critical habitat.....	13
Proposed threatened status with critical habitat.....	5
Proposed endangered status.....	82
Proposed threatened status.....	4
Proposed change from endangered to threatened status.....	15
Final removal from lists.....	1
Proposed removal from lists.....	12

The Service has also funded status surveys for 29 species during the 12-month period following passage of the Amendments. These surveys are designed to gather any additional data

needed to make a determination on whether the subject species are eligible for protection under the Act.

The general plant and animal notices of review are important tools for gathering data on species that are candidates for listing and informing interested parties of the Service's general views on the status of present and past candidate species. A general notice on vertebrate animals was published on December 30, 1982 (47 FR 58454-58460). A supplemental general notice on plants was published on November 28, 1983 (48 FR 53640-53670). The Service will soon publish the first general notice of review on invertebrate animals.

Provisions of the Amendments that address the handling of petitions have made it necessary for the Service to implement extensive new procedures for conforming to deadlines and making findings on petitions. These internal procedures have been developed during the 12 months since the effective date of the Amendments and have been set down by the Service in an interim document entitled *Petition Management Guidelines*, which is available from the Service on request (see "FOR FURTHER INFORMATION CONTACT:" above).

Author

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List of Subjects in 50 CFR Part 17

Endangered and threatened wildlife, Fish, Marine mammals, Plants (agriculture).

(Pub. L. 93-205, 87 Stat. 884; Pub. L. 95-632, 92 Stat. 3751; Pub. L. 96-159, 93 Stat. 1225; Pub. L. 97-304, 96 Stat. 1411 [16 U.S.C. 1531 *et seq.*])

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G. Ray Arnett,

Assistant Secretary for Fish and Wildlife and Parks.

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