

existence. Neither the Service nor the Snail Darter Recovery Team believes sufficient evidence is presently available to allow the species to be removed from Endangered Species Act protection. The Service also rescinds presently designated snail darter critical habitat on the Little Tennessee River, Loudon County, Tennessee. This area no longer functions as snail darter habitat. It was flooded by the Tellico Reservoir when a Federal law was passed exempting the Tellico Project from Endangered Species Act consideration. Reclassifying the species' status and rescinding its critical habitat will not remove the Act's protection as the snail darter will continue to be protected as a threatened species.

**EFFECTIVE DATE:** August 6, 1984.

**ADDRESSES:** The complete file for this rule is available for inspection, by appointment, during normal business hours at the Asheville Endangered Species Field Station, U.S. Fish and Wildlife Service, 100 Otis Street, Room 224, Asheville, North Carolina 28801.

**FOR FURTHER INFORMATION CONTACT:**

Mr. Richard G. Biggins, Asheville Endangered Species Field Station, U.S. Fish and Wildlife Service, 100 Otis Street, Room 224, Asheville, North Carolina 28801 (704/259-0321 or FTS 8/672-0321), or Mr. John L. Spinks, Jr., Chief, Office of Endangered Species, U.S. Fish and Wildlife Service, Washington, D.C. 20240 (703/235-2771 or FTS 8/235-2771).

**SUPPLEMENTARY INFORMATION:**

**Background**

The snail darter was first collected in August 1973 in the lower reaches of the Little Tennessee River, Loudon County, Tennessee, and was described by Dr. David Etnier (1976) as *Percina (Imostoma) tanasi*. The species is a robust fish, rarely exceeding 3.4 inches. The background color of the upper portion of the fish's sides is brown with a faint trace of green. Four dark brown saddle-like marks cross the back of the fish. The lower part of the sides is lighter and interspersed with dark blotches. The belly is white, and the upper portion of the head is dark brown. The cheeks are mottled brown and interspersed with traces of yellow. The fish inhabits shoal areas where the adults spawn. The hatchling young drift downstream and later return to the shoal areas.

The snail darter was listed as an endangered species on October 9, 1975 (40 FR 47506). Critical habitat on the Little Tennessee River, from river mile 0.5 to river mile 17, Loudon County, Tennessee, was designated on April 1,

1976 (41 FR 13926-13928). On September 25, 1979, a Federal law exempted the Little Tennessee River Tellico Reservoir Project from Endangered Species Act consideration. The reservoir was subsequently completed, and a reproducing snail darter population no longer exists in the Little Tennessee River.

When the species was listed and its critical habitat designated, the only known population was threatened by the imminent completion of Tellico Dam and the flooding of the fish's Little Tennessee River habitat. Prior and subsequent to the completion of the Tellico Reservoir project, snail darters were introduced to other streams in the Tennessee River Valley. To date, these introductions have proven successful only in the Hiwassee River, Polk County, Tennessee.

Snail darters were found in the Tennessee River, Loudon County, Tennessee, near the mouth of the Little Tennessee River in 1979. Subsequently, they were discovered in South Chickamauga Creek, Hamilton County, Tennessee, in 1980 and later in Catoosa County, Georgia. These discoveries led to additional searches in the Tennessee River and its tributaries. These searches resulted in the discovery of snail darters inhabiting three other Tennessee River tributaries (Sewee Creek, Meigs County, Tennessee; Sequatchie River, Marion County, Tennessee; and Paint Rock River, Jackson and Madison Counties, Alabama), and the main stem of the Tennessee River near the mouth of two tributaries, South Chickamauga Creek (Nickajack Reservoir, Hamilton County, Tennessee), and Sequatchie River (Guntersville Reservoir, Marion County, Tennessee). Review of these data in 1982 by the Snail Darter Recovery Team and the Service during its recovery planning process led the Service to determine that the species could be reclassified from endangered to threatened status. Neither the Recovery Team nor the Service felt sufficient evidence was available for the species to be removed entirely from Endangered Species Act protection.

On July 21, 1983 (48 FR 33328), the Service published an advance notice of a proposed rule to reclassify or delist the snail darter. That notice:

- (1) Reaffirmed the Service's conclusion that the species, based on available data, could not be removed entirely from Endangered Species Act protection, but that it could be safely reclassified to threatened status;
- (2) Presented the three alternatives from the Service's approved Snail Darter Recovery Plan by which the species

**DEPARTMENT OF THE INTERIOR**

**Fish and Wildlife Service**

**50 CFR Part 17**

**Endangered and Threatened Wildlife and Plants; Final Rule Reclassifying the Snail Darter (*Percina tanasi*) From an Endangered Species to a Threatened Species and Rescinding Critical Habitat Designation**

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

**ACTION:** Final rule.

**SUMMARY:** The U.S. Fish and Wildlife Service (Service) reclassifies the snail darter (*Percina tanasi*) from an endangered species to a threatened species which the Service believes better reflects the species' present status. This decision is based on the results of snail darter research and on the recommendations of the Snail Darter Recovery Team and the conclusions of the Service's approved Snail Darter Recovery Plan (U.S. Fish and Wildlife Service, 1983a). The snail darter is presently known from only six Tennessee River tributaries and from the main stem of the Tennessee River near the mouth of three tributaries. Most of these populations are extremely small and subject to threats to their continued

could be judged eligible for removal from the list of endangered and threatened wildlife; and

(3) Stated that the Service was involved in an extensive snail darter survey of Tennessee River tributaries aimed at satisfying Alternative B in the Snail Darter Recovery Plan. That criterion states that the species shall be considered recovered when:

\* \* \* more Tennessee River tributary populations of the species are discovered and existing populations are not lost. The number of additional populations needed to meet this criteria [sic] would vary depending on the status of the new populations, but two populations similar to Sewee Creek, South Chickamauga Creek, or Sequatchie River populations, or one comparable to the Hiwassee River population, would denote recovery.

And

No present or foreseeable threats exist which could cause the species to become in danger of extinction throughout a significant portion of its range.

The Service has completed its snail darter survey (U.S. Fish and Wildlife Service, 1983b). The study confirmed that snail darters were still surviving in each of the five Tennessee River tributaries known to be inhabited by the species at the time the study was conducted. This survey did not uncover any new populations although twelve other Tennessee River tributaries were searched. However, one snail darter was found in the Little River, Blount County, Tennessee, by an independent stream survey crew (Dr. David Etnier, personal communication, September 1983). This river has been extensively surveyed in the past, and communication with biologists familiar with the species and the Little River indicates that it is unlikely that a substantial population exists there.

The Snail Darter Recovery Team reviewed the results of the Service's snail darter survey at a Recovery Team meeting on September 1, 1983. The conclusions reached at that meeting were communicated to the Regional Director, U.S. Fish and Wildlife Service, Atlanta, Georgia, in a September 2, 1983, letter from the Recovery Team leader. That letter made three recommendations to the Service: (1) The snail darter could be downlisted from endangered to threatened status, (2) insufficient data were available to consider removing the species from the Federal list, and (3) the requirements for a Federal permit to collect snail darters should be retained if downlisting occurs. Subsequent to the discovery of a snail darter in the Little River, Blount County, Tennessee, Recovery Team members were contacted to determine if this find

changed their recommendations regarding the snail darter's future Federal status. All team members contacted were in agreement that the find of a snail darter in the Little River did not satisfy Alternative B (see above) of the Recovery Plan. They recommended that the Service proceed with reclassifying the species to threatened status.

The July 21, 1983, *Federal Register* (48 FR 33328) also solicited comments from government agencies, local governments, the scientific community, and other interested parties concerning the species' status, and environmental and other impacts of a proposal to downlist or delist the snail darter. The following is a summary of the responses received.

The Atlanta, Georgia, Regional Office of the Federal Energy Regulatory Commission responded that they were forwarding the Service's request for information to their Washington, D.C., office for response. We received no further comments from this agency.

All three of the State conservation agencies whose States are inhabited by the snail darter—the Alabama Department of Conservation and Natural Resources, the Georgia Department of Natural Resources (GDNR), and the Tennessee Wildlife Resources Agency (TWRA) supported reclassification of the species from endangered to threatened status. Both the GDNR and TWRA further stated that insufficient data were available to make the decision to delist the species.

The Vice-president, North American Production, Conoco Inc., commended the Service for its proposal to reclassify or delist the snail darter. He further stated that he believed it was evident the snail darter was in adequate supply for such a step.

The National Wildlife Federation supported the reclassification of the snail darter from endangered to threatened status. They concluded their letter by stating:

\* \* \* biological information on the snail darter indicates that the species is not in immediate danger of extinction and therefore we agree that the species should be reclassified to the threatened category. Delisting the species is not warranted at this time. The well-being of most newly discovered populations is unknown. Habitat degradation continues to propose potential threats and population monitoring, conducted over several years, will be necessary to determine the status of the fish throughout its range.

On February 21, 1984, the Service published in the *Federal Register* (49 FR 6388) a proposal to reclassify the snail darter from an endangered to a

threatened species and rescind its critical habitat in the Little Tennessee River. The proposal provided information on the species' biology, status, threats, and potential implications of the proposed action.

#### Summary of Comments and Recommendations

In the February 21, 1984, proposed rule (49 FR 6388) and associated notifications, all parties were requested to submit factual reports or information which might contribute to the development of a final rule. Appropriate State agencies, county governments, Federal agencies, scientific organizations, and other interested parties were contacted and requested to comment. Newspaper notices were published in the Athens, Tennessee, *Post-Athenian* on March 8, 1984; in the Chattanooga, Tennessee, *News-Free Press* on March 9, 1984; and in the Huntsville, Alabama, *Huntsville News* on March 10, 1984, which invited general public comment. A total of ten comments were received and are discussed below.

The Tennessee Wildlife Resources Commission, Tennessee Department of Conservation, Tennessee Cooperative Fishery Unit, and one individual respondent supported the proposal to reclassify the snail darter to threatened status and rescind its Little Tennessee River critical habitat. The Georgia Department of Natural Resources; U.S. Department of the Interior, Geological Survey; and the Tennessee Valley Authority supported the proposal to reclassify the snail darter but made no mention of their position regarding rescinding presently designated critical habitat. The Service concurs with these comments and believes threatened status better reflects the species' true status and feels the present critical habitat on the Little Tennessee River should be rescinded as the area no longer functions as critical snail darter habitat.

The Georgia Department of Natural Resources encouraged the Service to continue monitoring known snail darter populations. The Tennessee Department of Conservation stated that they understood the Service intended to monitor the species. Although the Service's approved Snail Darter Recovery Plan (U.S. Fish and Wildlife Service, 1983a) outlines the need to develop and implement a snail darter monitoring program, the Service is not now and has no plans to carry out such a program in the immediate future. Funding for all programs identified in approved recovery plans is contingent

on a species' recovery priority, the project's recovery priority, and the availability of recovery implementation funds. Based on present funding levels and the recovery priority of the snail darter, it is unlikely funds will be available in the foreseeable future to formally monitor snail darter populations. However, the Service will maintain our present informal contacts with Federal and State agencies, conservation groups, aquatic biologists, and individuals interested in the species and the quality of its habitat. Through these contacts the Service will be able to determine if significant changes occur in the status of the species and its habitat.

The Tennessee Valley Authority commented on the Service's conclusions regarding the prudence of designating critical habitat for existing snail darter populations. They stated that information on the snail darter's distribution was already available in several public documents and therefore identifying stream reaches as critical habitat would be unlikely to increase illegal take of snail darters. They further stated that listing critical habitat would strengthen the protection of the habitat by clearly identifying those areas important to the survival of the species. The Service agrees that listing critical habitat would provide some additional protection for the snail darter. However, the Service believes the added protection provided by designating critical habitat would be offset by the increased threat to the species from illegal take and vandalism. The Service recognizes that information on the snail darter's distribution is available to the public. However, the critical habitat designation process would require that specific information on the species' distribution (including maps) and habitat requirements be published in the **Federal Register**. This detailed information would also be discussed at any public meeting that might be requested subsequent to proposing critical habitat.

The snail darter and issues surrounding the controversy with Tellico Dam on the Little Tennessee River have received a tremendous amount of notoriety. The Service believes designating snail darter critical habitat will revive this controversial issue. If snail darter distribution information was made common knowledge, an increased threat to the species from illegal take and vandalism would be likely.

The Federal Energy Regulatory Commission, Georgia Department of Agriculture, and Georgia Forestry

Commission responded but took no position for or against the proposal.

#### Summary of Factors Affecting the Species

After a thorough review and consideration of all information available, the Service has determined that the snail darter should be reclassified as a threatened species. Procedures found at Section 4(a)(1) of the Endangered Species Act (16 U.S.C. 1531 *et seq.*) and regulations promulgated to implement the listing provisions of the Act (codified at 50 CFR Part 424; under revision to accommodate the 1982 Amendments—see proposal at 48 FR 36062, August 8, 1983) set forth the procedures for reclassifying species on the Federal list. A species may be determined to be an endangered or threatened species due to one or more of the five factors described in section 4(a)(1). These factors and their application to the snail darter (*Percina tanasi*) are as follows:

##### A. The Present or Threatened Destruction, Modification, or Curtailment of Its Habitat or Range.

The historic range of the snail darter is virtually impossible to determine as essentially no preimpoundment collections were made from the main channel of the Tennessee River or its major tributaries. However, the Snail Darter Recovery Plan states that the species' range prior to the impoundments probably included gravel shoal habitat areas of the main channel Tennessee River and the lower reaches of its tributaries from perhaps north central Alabama upstream into eastern Tennessee. Presently, the snail darter is known from six Tennessee River tributaries and the main stem of the Tennessee River near the mouth of three tributaries.

*Little River, Blount County, Tennessee.* One snail darter was collected in the Little River in September 1983. This is the only specimen known from the river although the river has received considerable sampling. The specific site where the fish was taken has been sampled six times. The most recent collection (October 1983) was aimed at finding snail darters (Dr. David Etnier, personal communication, November 1983), but none were taken. This population is believed to be very small. Little River watershed is rural and sparsely developed. The river contains a diverse assemblage of fish species which indicates quality habitat.

*Tennessee River at Watts Bar Reservoir, Loudon County, Tennessee.* Snail darters were discovered in Watts

Bar Reservoir in 1979 and have been observed on numerous occasions since that time. However, it is not known if these fish represent a reproducing population. The Little Tennessee River previously entered Watts Bar Reservoir at Tennessee River Mile (TRM) 601.1. If a population does exist in Watts Bar Reservoir, it could be threatened by port facility development proposed for TRM 592.5 and TRM 600.2.

*Sewee Creek, Meigs County, Tennessee.* Snail darters were first collected in Sewee Creek in 1980 and have been observed in the creek every year since that time. The species has been found in concentrations nearly identical to snail darter concentrations once found in the Little Tennessee River. However, the creek section inhabited by the species is very small (5.7 miles) thus limiting the size of the total population. Sewee Creek's habitat is probably one of the most secure of the six tributaries known to contain the snail darter. The watershed is small and mostly rural and forested.

*Hiwassee River, Polk County, Tennessee.* This population was introduced utilizing fish from the Little Tennessee population. The introduction appears to be successful. Snail darters are reproducing and young-of-the-year fish have been observed every year from 1976 through 1982. The population is the largest known to exist, and according to the Snail Darter Recovery Team, the population likely numbers 3,000 individuals.

Although the Hiwassee River population is large and appears to be doing well, it is not completely secure. The Hiwassee has had a history of train wrecks involving acid spills. However, recent railroad improvements should decrease the severity of any future spill. Heavy metal and pH problems in the Ocoee River, a tributary of the Hiwassee, also represent a threat to the population. Wastewater cleanup and reforestation programs have been implemented in the Ocoee to correct the problem. If these Ocoee River watershed programs prove successful, the snail darter population will likely be more secure.

*South Chickamauga Creek, Hamilton County, Tennessee, and Catoosa County, Georgia.* Snail darters were found in this creek in 1980 and have been collected intermittently since then. This population appears to exist in a precarious situation. The South Chickamauga Creek watershed contains many potential threats to the species including both runoff from urban areas and industrial sites, the threat of accidental chemical spills, and effluent

from a wastewater treatment plant. Growth projections for the watershed are significant. Unless the welfare of the species is considered, an increase in threats to the snail darter may be anticipated.

*Tennessee River at Nickajack Reservoir, Hamilton County, Tennessee.* Four snail darters were seen by scuba divers in Nickajack Reservoir near the mouth of South Chickamauga Creek in 1980. Whether this represents a resident population in the reservoir or part of the South Chickamauga Creek population cannot be determined based on available data. There are two projects under consideration which could impact the snail darter in the reservoir. A commercial dredging operation is proposed for TRM 453-460, and a port facility is proposed for TRM 466-468. Snail darters were found in areas near these proposed projects.

*Sequatchie River, Marion County, Tennessee.* This population was discovered in 1981 and has been sampled six times since. Although considerable effort has been aimed at assessing this population, only 13 snail darters have ever been observed in this river. The Sequatchie Valley is a rural area. However, it does contain coal reserves, and coal mining activities have brought siltation and pH problems to its tributaries. The Little Sequatchie River, a tributary of the Sequatchie, has experienced fish kills which have been partially attributed to coal mining activity.

*Tennessee River at Guntersville Reservoir, Marion County, Tennessee.* Two snail darters were observed by scuba divers in the Guntersville Reservoir area. It is not known if these fish represent a resident population of the main Tennessee River or if they are part of the Sequatchie River population. Snail darters in the reservoir could be impacted by a proposed dredging operation at TRM 390.3-423 and a proposed port facility at TRM 424.

*Paint Rock River, Jackson and Madison Counties, Alabama.* The snail darter population was found in this river in 1981 after extensive searches. A total of four days of sampling yielded only five individuals. Surveys in 1983 attempting to verify the continued existence of the species in the Paint Rock River found only one snail darter after seven days of searching in the same areas where the species had been previously found. The Paint Rock River Valley is forested in the upper basin with row crops predominating in the lower basin. Stream siltation and enrichment problems associated with agricultural activities are evident and pesticides may be a threat. The river

was channelized by the U.S. Army Corps of Engineers in 1966. Presently, there are discussions in the valley that this procedure should be repeated.

*B. Overutilization for Commercial, Recreational, Scientific, or Educational Purposes.*

The snail darter has received a tremendous amount of notoriety, and this has made the fish vulnerable to illegal take. At present the species is protected by Federal and State laws which require permits for scientific collecting. The degree of protection will not substantially change if the proposal to reclassify the snail darter to threatened status is finalized.

*C. Disease or Predation*

There is no evidence of threats from disease or predation.

*D. The Inadequacy of Existing Regulatory Mechanisms*

The Federal Endangered Species Act protects the species and its habitat through section 7(a)(2), which requires Federal agencies to ensure that any activity they authorize, fund, or carry out is not likely to jeopardize the continued existence of the species. These provisions of the Act would continue to protect the snail darter if the species is reclassified to threatened status. The states of Alabama, Georgia and Tennessee prohibit take without a scientific collecting permit.

*E. Other Natural or Manmade Factors Affecting Its Continued Existence*

There are no other factors, natural or manmade, known to be affecting the continued existence of the snail darter.

The Service has carefully assessed the best scientific information available regarding the past, present, and future threats faced by this species in determining to make this rule final. Based on this evaluation, the preferred action is to reclassify the snail darter from endangered to threatened status. (See "Critical Habitat" section of this rule for discussion of why critical habitat was rescinded in the Little Tennessee River and not designated in other rivers.) The species, by virtue of its distribution and status, no longer fits the Act's definition of an endangered species. Conversely, due to threats to the species' continued existence and the scant knowledge concerning the viability of most of the known populations, removing the species from Federal protection would be contrary to the Act's intent.

**Critical Habitat**

The Endangered Species Act in section 4(a)(3), as amended, requires that to the maximum extent prudent and determinable, the Secretary designate critical habitats at the time the species is determined to be endangered or threatened. The Service finds that designation of critical habitat is not prudent for this species at this time. The snail darter and issues surrounding it have received a tremendous amount of notoriety. Because of this, the Service believes that designation of critical habitat, which requires detailing the species' exact distribution and habitat, would increase the snail darter's vulnerability to illegal taking, subject it to deliberate vandalism, and increase the law enforcement problem. Therefore, because of the potential for increasing the threat to the species the Service finds that it is not prudent to determine critical habitat for the snail darter at this time.

The Service rescinds the present critical habitat in the Little Tennessee River from river mile 0.5 through river mile 17 and removes the area from Endangered Species Act protection. The area has been flooded by Tellico Reservoir and no longer provides suitable habitat for a snail darter population.

**Available Conservation Measures**

Conservation measures provided to species listed as endangered or threatened under the Endangered Species Act include recognition, recovery actions, requirements for Federal protection, and prohibitions against certain practices. Recognition through listing encourages and results in conservation actions by Federal, State, and private agencies, groups, and individuals. The Endangered Species Act provides for possible land acquisition and cooperation with the States and requires that recovery actions be carried out for all listed species. Such actions are initiated by the Service following listing. The protection required of Federal agencies and the prohibitions against taking and harm are discussed, in part, below.

Section 7(a) of the Act, as amended, requires Federal agencies to evaluate their actions with respect to any species that is proposed or listed as endangered or threatened. Regulations implementing this interagency cooperation provision of the Act are codified at 50 CFR Part 402 and are now under revision (see proposal at 48 FR 29990; June 29, 1983). Section 7(a)(2) requires Federal agencies to ensure that activities they authorize,

fund, or carry out are not likely to jeopardize the continued existence of a listed species. If a Federal action may affect a listed species, the responsible Federal agency must enter into consultation with the Service. As the snail darter is being reclassified from endangered to threatened status, the species will continue to receive protection under section 7(a)(2) of the Act.

The Act and its implementing regulations found at 50 CFR 17.21 and 17.31 set forth a series of general prohibitions and exceptions that apply to all threatened wildlife. These prohibitions, in part, make it illegal for any person subject to the jurisdiction of the United States to take, import or export, ship in interstate commerce in the course of a commercial activity, or sell or offer for sale in interstate or foreign commerce any listed species. It also is illegal to possess, sell, deliver, carry, transport, or ship any such wildlife that had been taken illegally. Certain exceptions apply to agents of the Service and State conservation agencies.

Permits may be issued to carry out otherwise prohibited activities involving threatened animal species under certain circumstances. Regulations governing permits are at 50 CFR 17.22, 17.23, and 17.32. Such permits are available for scientific purposes, to enhance the propagation or survival of the species, and/or for incidental take in connection with otherwise lawful activities. For threatened species there are also permits for zoological exhibition, educational purposes, or special purposes consistent with the purposes of the Act.

As there are no special rules associated with the snail darter reclassification, the species generally will continue to receive the same Endangered Species Act protection against taking under a threatened species category that it received as an endangered species. However, there is a slightly broader range of permits that are available for activities involving threatened species, 50 CFR 17.32.

**National Environmental Policy Act**

The Fish and Wildlife Service has determined that an Environmental Assessment, as defined by the National Environmental Policy Act of 1969, need not be prepared in connection with regulations adopted pursuant to section 4(a) of the Endangered Species Act of 1973, as amended. A notice outlining the Service's reasons for this determination was published in the **Federal Register** on October 25, 1983 (48 FR 49244).

**Literature Cited**

Etnier, D.A. 1976. *Percina tanasi*, a new percid fish from the Little Tennessee River, Tennessee. Proc. Biol. Soc., Washington. 88(44):469-645.  
 U.S. Fish and Wildlife Service. 1983a. Snail Darter Recovery Plan. U.S. Fish and Wildlife Service, Atlanta, Georgia. 46 pp.  
 U.S. Fish and Wildlife Service. 1983b. Snail Darter Survey (July, August, and October 1983). U.S. Fish and Wildlife Service, Asheville, North Carolina. 45 pp.

**Author**

The primary author of this final rule is Richard G. Biggins, Asheville Endangered Species Field Station, U.S. Fish and Wildlife Service, 100 Otis Street, Room 224, Asheville, North Carolina 28801.

**List of Subjects in 50 CFR Part 17**

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

**Regulations Promulgation**

**PART 17—[AMENDED]**

Accordingly, Part 17, Subchapter B of Chapter I, Title 50 of the Code of Federal Regulations, is amended as set forth below:

1. The authority citation for Part 17 reads as follows:

**Authority:** Pub. L. 93-205, 87 Stat. 884; Pub. L. 94-359, 90 Stat. 911; 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.*).

2. Amend the table at § 17.11(h) by revising the entry of the "Darter, snail" (under FISHES) and deleting the critical habitat to read as follows:

**§ 17.11 Endangered and threatened wildlife.**

\* \* \* \* \*  
 (h) \* \* \*

Species		Historic range	Vertebrate population where endangered or threatened	Status	When listed	Critical habitat	Special rules
Common name	Scientific name						
FISHES *							
Darter, snail.....	<i>Percina tanasi</i> .....	U.S.A. (AL, GA, TN)....	Entire.....	T.....	12.150.....	NA.....	NA.

3. Amend § 17.95(e) for "Fishes" by deleting the entry for critical habitat for the snail darter.

Dated: June 27, 1984.

**G. Ray Arnett,**

*Assistant Secretary for Fish and Wildlife and Parks.*

[FR Doc. 84-17755 Filed 7-3-84; 8:45 am]

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