



U.S. Fish &amp; Wildlife Service

**ECOS**[ECOS](#) / Species Profile for Spotfin Chub (*Erimonax monachus*)

# Spotfin Chub (*Erimonax monachus*)

[Range Information](#) | [Federal Register](#) | [Recovery](#) | [Critical Habitat](#) | [Conservation Plans](#) | [Petitions](#) | [Life History](#)Taxonomy: [View taxonomy in ITIS](#)Search for images on  
[digitalmedia.fws.gov](https://digitalmedia.fws.gov)**Listing Status: Threatened and Experimental Population, Non-Essential**

## General Information

No description available.

The species historical range included Alabama, Georgia, North Carolina, Tennessee, Virginia. See below for information about where the species is known or believed to occur.

## Population detail

The FWS is currently monitoring the following populations of the Spotfin Chub

### Current Listing Status Summary

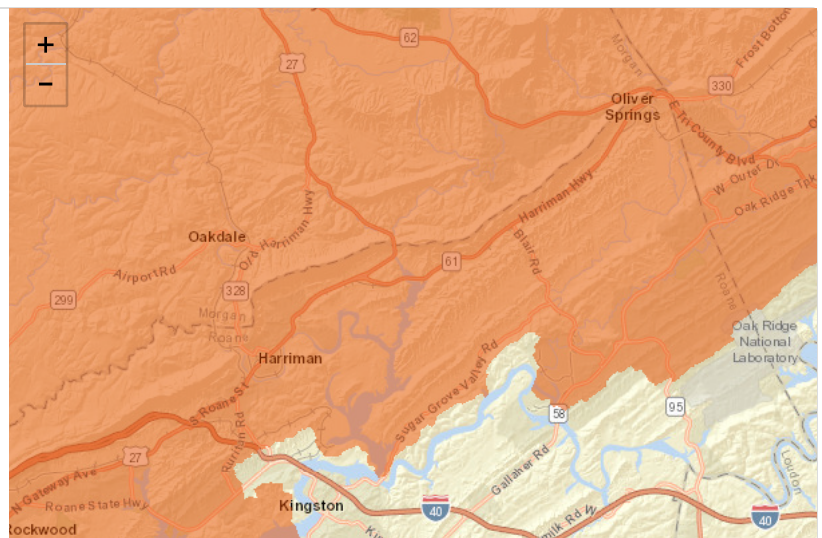
Status	Date Listed	Lead Region	Where Listed
<b>Threatened</b>	10/11/1977	<a href="#">Southeast Region (Region 4)</a>	Wherever found, except where listed as an experimental population
<b>Experimental Population, Non-Essential</b>	08/12/2002	<a href="#">Southeast Region (Region 4)</a>	U.S.A. (TN-specified portions of the Tellico River; see 17.84(m)(1)(i))
<b>Experimental Population, Non-Essential</b>	04/08/2005	<a href="#">Southeast Region (Region 4)</a>	U.S.A. (AL, TN-specified portions of Shoal Creek; see 17.84(m)(1)(ii))
<b>Experimental Population, Non-Essential</b>	10/15/2007	<a href="#">Southeast Region (Region 4)</a>	U.S.A. (TN-specified portions of the French Broad and Holston Rivers; see 17.84(m)(1)(iii))

## » Range Information

### Current Range

- Wherever found, except where listed as an experimental population*
- U.S.A. (TN-specified portions of the Tellico River; see 17.84(m)(1)(i))*

Zoom in! Some species' locations may be small and hard to see from a wide perspective. To narrow-in on locations, check the state and county lists (below) and then use the zoom tool.



- **Wherever found, except where listed as an experimental population**

**Listing status: Threatened**

- **States/US Territories** in which this population is known to or is believed to occur: [Alabama](#), [North Carolina](#), [Tennessee](#), [Virginia](#)

- **U.S.A. (TN-specified portions of the Tellico River; see 17.84(m)(1)(i))**  
Listing status: **Experimental Population, Non-Essential**
  - **States/US Territories** in which this population is known to or is believed to occur: [Tennessee](#)
- **U.S.A. (AL, TN-specified portions of Shoal Creek; see 17.84(m)(1)(ii))**  
Listing status: **Experimental Population, Non-Essential**
- **U.S.A. (TN-specified portions of the French Broad and Holston Rivers; see 17.84(m)(1)(iii))**  
Listing status: **Experimental Population, Non-Essential**

## » Federal Register Documents

## Federal Register Documents

Show  entries

Date	Citation Page	Title
07/06/2009	74 FR 31972 31973	<a href="#">Initiation of 5-Year Status Reviews of 23 Southeastern Species</a>
09/13/2007	72 FR 52434 52461	<a href="#">Establishment of Nonessential Experimental Population Status for 15 Freshwater Mussels, 1 Freshwater S 5 Fishes in the Lower French Broad River and in the Lower Holston River, Tennessee</a>
06/13/2006	71 FR 34196 34230	<a href="#">Establishment of Nonessential Experimental Population Status for 15 Freshwater Mussels, 1 Freshwater S 5 Fishes in the Lower French Broad River and in the Lower Holston River, Tennessee: Proposed Rule</a>
04/08/2005	70 FR 17916 17927	<a href="#">Establishment of a Nonessential Experimental Population for Two Fishes (Boulder Darter and Spotfin Chub Shoal Creek, Tennessee and Alabama</a>
10/21/2004	69 FR 61774 61784	<a href="#">Establishment of a Nonessential Experimental Population for Two Fishes (Boulder Darter and Spotfin Chub Shoal Creek, Tennessee and Alabama</a>
08/12/2002	67 FR 52420 52428	<a href="#">ETWP: Establishment of Nonessential Experimental Population Status and Reintroduction of Four Fishes in Tellico River</a>
06/08/2001	66 FR 30853 30860	<a href="#">ETWP: Proposed Establishment of Nonessential Experimental Population Status for 4 Fishes Into the Tellic From the Backwaters of Tellico Reservoir Upstream to Tellico River Mile 33, in Monroe County, Tennessee</a>
09/22/1977	42 FR 47840 47845	<a href="#">Final Correction and Augmentation of Critical Habitat Reorganization: 42 FR 47840 47845</a>
09/09/1977	42 FR 45526 45530	<a href="#">Final Threatened Status and Critical Habitat for Five species of Southeastern Fishes: 42 FR 45526 45530</a>

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## Special Rule Publications

Show  entries

Date	Citation Page	Title
04/08/2005	70 FR 17916 17927	<a href="#">Establishment of a Nonessential Experimental Population for Two Fishes (Boulder Darter and Spotfin Chub Shoal Creek, Tennessee and Alabama</a>
10/21/2004	69 FR 61774 61784	<a href="#">Establishment of a Nonessential Experimental Population for Two Fishes (Boulder Darter and Spotfin Chub Shoal Creek, Tennessee and Alabama</a>
08/12/2002	67 FR 52420 52428	<a href="#">ETWP: Establishment of Nonessential Experimental Population Status and Reintroduction of Four Fishes in Tellico River</a>
06/08/2001	66 FR 30853 30860	<a href="#">ETWP: Proposed Establishment of Nonessential Experimental Population Status for 4 Fishes Into the Tellic From the Backwaters of Tellico Reservoir Upstream to Tellico River Mile 33, in Monroe County, Tennessee</a>
09/09/1977	42 FR 45526 45530	<a href="#">Final Threatened Status and Critical Habitat for Five species of Southeastern Fishes: 42 FR 45526 45530</a>

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» Recovery

- [Recovery Plan Information Search](#)
- [Information Search FAQs](#)

Current Recovery Plan(s)

Show 10 entries

Date	Title	Plan Action Status	Plan Status
11/21/1983	<a href="#">Spotfin Chub</a>	<a href="#">View Implementation Progress</a>	Final

Showing 1 to 1 of 1 entries

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Other Recovery Documents

Show 10 entries

Date	Citation Page	Title	Document Type
07/06/2009	74 FR 31972 31973	<a href="#">Initiation of 5-Year Status Reviews of 23 Southeastern Species</a>	<ul style="list-style-type: none"> <li>• Notice 5-year Initiation</li> </ul>

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» Critical Habitat

Critical Habitat Spatial Extents

Population(s)

*Wherever found, except where listed as an experimental population*

Show 10 entries

Date	Citation Page	Title	Document Type	Statu
09/22/1977	42 FR 47840 47845	<a href="#">Final Correction and Augumentation of Critical Habitat Reorganization: 42 FR 47840 47845</a>	Final Rule	Fin des
09/09/1977	42 FR 45526 45530	<a href="#">Final Threatened Status and Critical Habitat for Five species of Southeastern Fishes: 42 FR 45526 45530</a>	Final Rule	Fin des

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To learn more about critical habitat please see <http://ecos.fws.gov/crithab>

» Conservation Plans

No conservation plans have been created for Spotfin Chub.

#### » Petitions

No petitions have been received for this species.

#### » Life History

### Habitat Requirements

Relatively low-silt substrates in good flows; forages commonly on bedrock, boulders, cobble. Generally schools with white-tailed shiners and other mid-water species, but generally remains close to the bottom. Sub-adult chubs appear more commonly on smaller substrates like sand and small gravel than do adults.

### Food Habits

Small insect larvae, predominantly chironomid; some mayflies. Unlike most other cyprinids (shiners), feeds benthically on relatively silt-free substrates, using a head-oriented-down posture and a sewing-machine-like motion to pick larvae.

### Movement / Home Range

In fall and winter, primarily young individuals will move up small trib streams from source mainstem populations (e.g., Little Tennessee R., NC). Spawning probably does not occur in small trib.

### Reproductive Strategy

A crevice spawner, depositing eggs in relatively silt-free crevices in bedrock or between larger rocks. Nuptial males highly territorial, defending prime spawning sites from rival males.

### Other

Population size appears to fluctuate fairly significantly based on multi-year sampling in Little Tennessee R., NC. Interrelationships between the seasonality of flows and temperature probably dictate recruitment and ultimately overall population size year to year. Year 9 of a 10-year population monitoring study in the Little Tennessee R. has been completed (August 2015).

#### » Other Resources

[NatureServe Explorer Species Reports](#) -- NatureServe Explorer is a source for authoritative conservation information on more than 50,000 plants, animals and ecological communities of the U.S and Canada. NatureServe Explorer provides in-depth information on rare and endangered species, but includes common plants and animals too. NatureServe Explorer is a product of NatureServe in collaboration with the Natural Heritage Network.

[ITIS Reports](#) -- ITIS (the Integrated Taxonomic Information System) is a source for authoritative taxonomic information on plants, animals, fungi, and microbes of North America and the world.

[FWS Digital Media Library](#) -- The U.S. Fish and Wildlife Service's National Digital Library is a searchable collection of selected images, historical artifacts, audio clips, publications, and video.