

## Conservation Status Assessment Maps for Imperiled Minnows and Suckers

\* See individual species maps at bottom of this page.

### Project Overview

We developed [conservation status assessment maps](#) for 36 imperiled minnows and suckers with a significant portion of their range in the southeastern United States (Jelks et al. 2008). These maps categorize HUC 10 watersheds by the most recent occurrence of a species and may also show actual occurrence locations when permitted by all data providers within the species' range. A subset of maps also show the locations of recent survey sites, defined as any survey occurring between 2005-2015 that attempted to collect or observe one of our target species or the entire fish community. Over 15,000 species occurrence records were obtained from 23 different sources to generate the maps. These data sources represent major fish collections, state and federal sampling programs, and species-specific surveys and monitoring efforts in the southeast. We updated each map repeatedly to accommodate additional data and to correct errors identified through peer review. We acknowledge over 60 people that provided data and/or participated in the peer review process. However the project team assumes responsibility for any errors. These maps can be downloaded from the links below and used freely for any conservation purpose when cited appropriately. Our example citation for Blue Shiner is:

Albanese B, Kuhajda BR, Reuter C, Krakow G. 2015. Conservation status assessment map for Blue Shiner (*Cyprinella caerulea*). Georgia Department of Natural Resources and Tennessee Aquarium Conservation Institute. Accessed 22 March 2016. Available online at [www.georgiawildlife.com/conservation\\_status\\_assessment\\_maps](http://www.georgiawildlife.com/conservation_status_assessment_maps).

We are currently not planning to systematically update these maps on a regular schedule. However, if you have data that would result in the addition, deletion, or change in date category of any watershed mapped, please contact Brett Albanese.

### Literature Cited

Jelks, H.L., S.J. Walsh, N.M. Burkhead, S. Contreras-Balderas, E. Diaz-Pardo, D.A. Hendrickson, J. Lyons, N.E. Mandrak, F. McCormick, J.S. Nelson, S.P. Platania, B.A. Porter, C.B. Renaud, J.J. Schmitter-Soto, E.B. Taylor, and M.L. Warren, Jr. 2008. Conservation status of imperiled North American freshwater and diadromous fishes. *Fisheries* 33(8):372–407.

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## Data Sources

Alabama Department of Conservation and Natural Resources  
Arkansas Game and Fish Commission  
Auburn University Museum of Natural History  
FISHNET 2  
Florida Fish and Wildlife Conservation Commission  
Geological Survey of Alabama  
Georgia Department of Natural Resources  
Georgia Museum of Natural History  
Kentucky Department of Fish and Wildlife Resources  
Land Trust for the Little Tennessee  
Mississippi Museum of Natural Science  
North Carolina Department of Environmental Quality  
North Carolina Museum of Natural Sciences  
North Carolina Wildlife Resources Commission  
Robust Redhorse Conservation Committee  
South Carolina Department of Natural Resources  
Southern Illinois University at Carbondale Ichthyology Collection  
Tennessee Aquarium Conservation Institute  
Tennessee Valley Authority  
Tennessee Wildlife Resources Agency  
University of Southern Mississippi Ichthyology Collection  
Virginia Department of Game and Inland Fisheries  
U.S. Army Engineer Research and Development Center

## Minnows (Cyprinidae)

*Chrosomus cumberlandensis* (Blackside Dace)  
*Chrosomus saylori* (Laurel Dace)  
*Chrosomus* sp. 1 (Clinch Dace)

*Chrosomus tennesseensis* (Tennessee Dace)  
*Clinostomus funduloides* ssp. 1 (Smoky Dace)  
*Cyprinella caerulea* (Blue Shiner)  
*Cyprinella callitaenia* (Bluestripe Shiner)  
*Cyprinella xaenura* (Altamaha Shiner)  
*Erimonax monachus* (Spotfin Chub)  
*Erimystax cahni* (Slender Chub)  
*Hemitremia flammea* (Flame Chub)  
*Hybopsis lineapunctata* (Lined Chub)  
*Macrhybopsis etnieri* (Coosa Chub) (formerly  
sp. 1)  
*Macrhybopsis* sp. 2 (Florida Chub)  
*Macrhybopsis* sp. 3 (Gulf Chub)  
*Notropis albizonatus* (Palezone Shiner)  
*Notropis ariommus* (Popeye Shiner)  
*Notropis cahabae* (Cahaba Shiner)  
*Notropis chalybaeus* (Ironcolor Shiner)  
*Notropis hypsilepis* (Highscale Shiner)  
*Notropis mekistocholas* (Cape Fear Shiner)  
*Notropis melanostomus* (Blackmouth Shiner)  
*Notropis rupestris* (Bedrock Shiner)  
*Notropis semperasper* (Roughhead Shiner)  
*Pteronotropis euryzonus* (Broadstripe Shiner)  
*Pteronotropis merlini* (Orangetail Shiner)  
*Pteronotropis stonei* (Lowland Shiner)  
*Pteronotropis welaka* (Bluenose Shiner)  
*Pteronotropis* sp. 'Alafia' (Alafia River Sailfin  
Shiner)  
*Semotilus lumbee* (Sandhills Chub)

## Suckers (Catostomidae)

*Cycleptus meridionalis* (Southeastern Blue  
Sucker)  
*Moxostoma robustum* (Robust Redhorse)  
*Moxostoma* sp. 2 (Sicklefin Redhorse)  
*Moxostoma* sp. 3 (Carolina Redhorse)

*Thoburnia atripinnis* (Blackfin Sucker)

*Thoburnia hamiltoni* (Rustyside Sucker)

## Watershed Key and Reference Maps

Watershed Key

VA\_NC\_SC\_Watersheds

GA\_FL\_AL\_Watersheds

KY\_TN\_Watersheds

MS\_LA\_AR\_Watersheds