

Mississippi's ANS Update
Gulf and South Atlantic Panel on Aquatic Invasive Species
April 2009 Meeting – Shreveport, LA
By Dennis Riecke
Mississippi Dept. of Wildlife, Fisheries & Parks
ANS Activities Dec. 2008 - March 2009

- Last meeting of State AIS Task Force was Nov. 2007.
- State Management Plan for AIS was last revised in June 2008.
- Miss. Dept. of Environmental Quality employees are trying to complete inclusion of revisions to the State Management Plan for final review and submission to Governor Barbour.
- March 2009 - I proposed lists of species for the approved, restricted and prohibited species list for inclusion in the State Management Plan document:

Approved Species List – no restrictions or permits required for the possession, use, culture, sale, import, export or transport within the State of Mississippi, unless otherwise required by State or Federal laws or regulations.

1. All Native Species
2. The following Nonnative Species:
 - Common Carp – *Cyprinus carpio*
 - Gold fish – *Carassius auratus*
 - Triploid grass carp – *Ctenopharyngodon idella*

Restricted Species List – permits are required for the possession, use, culture, sale, import, export, or transport within the State of Mississippi (those currently being cultured within the state):

1. The following Nonnative Aquatic Species:
 - Diploid Grass Carp – *Ctenopharyngodon idella*
 - Bighead Carp – *Hypophthalmichthys nobilis*
 - Silver Carp – *Hypophthalmichthys molitrix*
 - Black Carp – *Mylopharyngodon piceus*
 - Tilapia Species – all species of tilapia in the Genera – *Tilapia*, *Oreochromis*, and *Sarotherodon*
 - Australian Red Claw Crawfish – *Cherax quadricarinatus*
 - Malaysian Prawn – *Macrobrachium rosenbergii*
2. Other Nonnative Aquatic Species which meet all of the following criteria:
 - a. A scientific risk assessment has been conducted for the species using an approved methodology;

- b. The results of the approved scientific risk assessment have been submitted to the Mississippi Aquatic Invasive Species Task Force for evaluation;
- c. The Mississippi Aquatic Invasive Species Task Force has determined that the nonnative species is unlikely to be an invasive species (i.e. a species whose introduction does not cause or is unlikely to cause economic or environmental harm or harm to human health).
- d. The Mississippi Aquatic Invasive Species Task Force recommends that the nonnative species be added by the MDWFP to the Restricted Species List.

Prohibited Species List – It is illegal to possess, use, culture, sell, offer for sale, import, or export, or transport within the State of Mississippi live individuals or specimens of the following species (except as otherwise allowed by Federal and State laws and regulations):

- 1. All Nonnative Aquatic Species **not listed** on the Approved Species List or the Restricted Species List.
- 2. All Nonnative Aquatic Species **listed as Injurious Wildlife Species in the Federal Lacey Act** – U.S.C. § 42(a)(1).
- 3. All Nonnative Aquatic Species **listed on the Federal Noxious Weed List** at 7 C.F.R. § 360.200.
- 4. All Nonnative Aquatic Species **listed on the Mississippi Noxious Weed List** – Rule 41: Regulation of Noxious Weed Under Sections 69-25-1 through 69-25-47, Chapter 380, Laws of Mississippi 1974.