



Morone saxatilis

Striped Bass

Threat scores

1. Ecological impact
 - “True bass prey on small fish and are often blamed for the decline of small native fish throughout their native range. Juvenile salmon have been found in the stomachs of Striped Bass; however the impact of this predation is unknown” (Molnar 2008).
 - Known to carry parasites - helminths.
2. Invasive potential
 - Potential for additional translocations by anglers, or downstream migrations from introduced areas.
3. Geographic extent
 - Locally patchy
4. Management difficulty
 - No known eradication controls in aquatic environments.



Geography and Habitat

1. Origin: Native to coastal regions from the Gulf of Mexico up to the St. Lawrence estuary.
2. First introduction: late 1800's
3. “In 1879, two shipments totaling 4432 specimens were released near San Francisco, USA. Ten years later it was widely distributed along the Pacific coast” (Molnar 2008).
4. Water courses, lakes, marine habitats
5. Naturally anadromous, but spend entire life in freshwater when landlocked in lakes.

Invasion Pathways

1. Stocking in Open Water
 - Intentional known
 - Cause- Fishery enhancement, Angling/sport
 - “In 1879, two shipments totaling 4432 specimens were released near San Francisco, USA. Ten years later it was widely distributed along the Pacific coast. Introduced to Ecuador for sport fishing” (Molnar 2008).
2. Natural Spread
 - Known
 - Cause- Introduced range expansion
 - “In 1879, two shipments totaling 4432 specimens were released near San Francisco, USA. Ten years later it was widely distributed along the Pacific coast” (Molnar 2008).
3. Enclosed Facilities
 - Intentional known
 - Cause- aquaculture
 - “Introduced (to Entre Rios province, Argentina) with permission by the official agencies for aquaculture. Supposedly aquaculture systems are closed and all specimens triploid, hence are not considered a direct threat” (Molnar 2008).

Non native locations

1. 43- Northern Gulf of Mexico
2. 56- Puget Trough/Georgia Basin
3. 57- OR, WA, Vancouver Coast and Shelf
4. 58- Northern California

Sources

1. Molnar, Jennifer, et al. 2008. "Assessing the global threat of invasive species to marine biodiversity." *Frontiers in Ecology and the Environment*. 6 (9), pp. 485-492.
2. <http://conserveonline.org/workspaces/global.invasive.assessment>
3. <http://animaldiversity.ummz.umich.edu/site/resources/usfws/stripedbass.jpg/medium.jpg>