

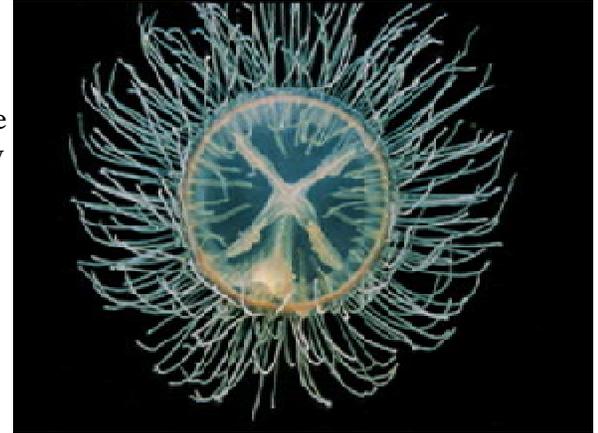


Maeotias marginata

Hydromedusa, Black Sea jellyfish

Threat scores

1. Ecological impact
 - “The potential for these planktonic predators to alter zooplankton communities and feed directly on larval and juvenile stages of threatened native and commercially valuable estuary fish species are all possible, but remain uninvestigated” (Molnar 2008)
2. Invasive potential
 - Potential for additional introductions in ballast water
 - Medusa transported from entry sites on rising tides
 - Potential to invade all low-salinity San Francisco Estuary environments because sessile polyps are transportable on bottoms of boats of all sizes (Molnar 2008)
3. Geographic Extent
 - 1st found in Väinameri Archipelago (Estonia) in late summer 1999
 - Locally patchy
4. Management Difficulty
 - No known controls in this environment
 - No predators in California waters.



Geography and Habitat

1. Origin: Sea of Azov - Black Sea estuaries.
2. First introduction: 1762
3. Habitats
 - Marine, estuaries/bays, brackish water
 - A true brackish water species

Invasion Pathways

1. Ballast &/or Fouling
 - Accidental known

Non native locations

1. 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://jellieszone.com/images/maeotias.jpg>