



Moerisia lyonsi

Moerisia

Threat scores

1. Ecological impacts
 - “Densities of zooplankton were low when medusa densities were high, and estimated predation by *M. lyonsi* could have limited copepod populations in the mesocosms” (Molnar 2008).
2. Invasive potential
 - “A fouling organism transported through shipping traffic. The colonizing potential of this hydrozoan is great given the high rates of asexual reproduction, fairly wide salinity tolerance, and resistant cyst stage” (Molnar 2008).
 - “Entire populations may be generated from a single introduced male polyp. No known predators. Have potential to invade all low-salinity San Francisco Estuary environments” (Molnar 2008).
 - Transported in ballast water.
3. Geographic extent
 - Locally patchy

Geography and Habitat

1. Origin: Lake Qurun, Egypt (Molnar 2008).
2. First introduction: mid 1960’s
3. Chesapeake Bay, Virginia in the mid 1960s
4. Marine, estuaries/bays

Invasion Pathways

1. Ballast Water and Sediments
 - Accidental known
 - Ballast water (Molnar 2008).

Non native locations

1. 41- Virginian

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>