



Phallusia nigra

Black sea squirt

Threat scores

1. Ecological impact
 - Fouling organism; ecological impact unstudied, but spatial competition in shallow water and fouling communities is likely.
2. Invasive potential
 - A fouling organism requiring assisted transport to expand alien range.
3. Geographic extent
 - Locally patchy
4. Management difficulty



Geography and Habitat

1. “Origin: Tropical western Atlantic. May be native to the Red Sea (its type locality) and the Indian Ocean area, or to the tropical western Atlantic Ocean, where it occurs from Florida to Brazil” (Molnar 2008).
2. First introduction: 1970
1. From 1968-1972, with the report from fouling panels off of Oahu at 15 meters depth and in Pearl Harbor at 9 meters by Long (1974)
2. Estuaries/bays, benthic, fouling communities, coral reefs, mangroves
3. Harbors and embayments, lives in shallow water attached to any available hard substrate such as dead coral, pier pilings, or floats. Found on mangrove roots in Panama.

Invasion Pathways

1. Hull/Surface Fouling
 - Accidental probable
 - Ship fouling

Non native locations

1. 152- Hawaiian Islands

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://www2.bishopmuseum.org/dargis/esri/images/Phallusia%20nigra.jpg>