



Mycale (Zygomycale) parishii

Red-brown Branching Sponge

Threat scores

1. Ecological impact
 - A common fouling species; possibly conflicts with native species for space.
2. Invasive potential
 - A fouling organism requiring assisted transport to expand alien range.
3. Geographic extent
 - Locally patchy

Geography and Habitat

1. Origin: Caribbean
 2. First introduction: 1947
 3. “De Laubenfels (1950) recorded this species first from Kaneohe Bay, Hawai'i in 1947, and further noted that it was abundant on the hulls of vessels that remained for a year or more in Pearl Harbor” (Molnar 2008).
1. Fouling communities, coral reefs
 2. “Mainly restricted to shallow-water fouling communities (i.e. pier pilings, floating docks) of the major harbors on Oahu or associated disturbed habitats (i.e. dredged channels and artificial lagoons). Found on patch reefs in Kaneohe Bay, Hawai'i” (Molnar 2008).



Invasion pathways

1. Hull/Surface Fouling
 - Accidental known
 - De Laubenfels (1950) recorded this species first from Kaneohe Bay, Hawai'i in 1947, and further noted that it was abundant on the hulls of vessels that remained for a year or more in Pearl Harbor.

Non native locations

1. 65- Greater Antilles
2. 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/HBS/invertguide/images/zygomycal1.jpg>