



Polysiphonia brodiei

Red macroalga

Threat scores

1. Ecological impact
 - Fouling
2. Invasive potential
 - A fouling organism requiring assisted transport to expand alien range.
3. Geographic extent
 - Regionally pervasive
4. Management difficulty
 - No known effective eradications. Hulls and docks can be cleaned, but species reestablishes.



Geography and Habitat

1. Origin: Generally distributed around the British Isles, and throughout Mediterranean.
2. Pacific populations are usually found near harbors and may have been spread by shipping.
3. Marine, intertidal zones, fouling communities
4. Growing on live and manmade structures from the mid shore to extreme low water and submerged floating structures such as marina pontoons, less frequently subtidal on stones and Laminaria hyperborea to 8m. Also occurs intertidally and subtidally (Molnar 2008).

Invasion Pathways

1. Ballast &/or Fouling
 - Accidental probable
 - Cause- hull fouling
 - Frequently found as hull fouling on slow moving vessels such as barges in California and New Zealand. Also occurs as nuisance fouling on ropes, buoys and other harbor structures such as pylons and boat ramps (Molnar 2008).

Non native locations

1. 54- Gulf of Alaska
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://www.issg.org/database/species/ecology.asp?si=1092&fr=1&sts=&lang=EN>
4. http://www.algaebase.org/search/species/detail/?species_id=172&sk=0&from=results&-session=abv3:82D8100Co7fc338277tKg3919FE3