Cladophora sericea

Green algae

Threat Scores

1. Ecological Impact
    - This is a very robust species that can survive in a variety of conditions and stress levels; thrives in eutrophic conditions; during blooms, it invades whole ecosystems and smothers organisms beneath it
    - Piles of green algae producing foul odors on beaches are affecting tourism and resort businesses
2. Geographic Extent
    - Becomes Locally Pervasive during blooms
    - Locally patchy

Geography and Habitat

1. Native: Hawai'i
2. Introduced: Virginia, Alaska to California, Hawai'i (native transplant)
3. Habitats
    - Marine, estuaries/bays

Invasion Pathways

1. Hull/Surface fouling

Non-Native Locations

1. 41- Virginian
2. 54- Gulf of Alaska
3. 55- North American Pacific Fijordland
4. 56- Puget Trough/Georgia Basin
5. 57- OR, WA, Vancouver
6. 58- Northern California
7. 59- Southern California Bight
8. 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. Vol. 6, No. 9, pp. 485-492.
2. http://conserveonline.org/workspaces/global.invasive.assessment
3. http://www.hawaii.edu/reefalgae/invasive_algae/chloro/cladophora_sericea.htm