



## Boonea bisuturalis

### Two-grooved odostome

#### Threat scores

1. Ecological impact
  - Feeds on native molluscs and grasses
  - An extoparasitic species that feeds on internal parts of its prey
  - Known to feed on odostomoid species *Fargoa bartschi*, *Littorena littorea*, *Crassostrea virginica*
  - Said to have economic impacts from their predation and parasitism on commercially important shellfish in San Francisco Bay
2. Invasive Potential
  - Low potential for spread without human assistance
  - Larvae may spread locally
3. Geographic extent
  - Locally patchy



#### Geography and Habitat

1. Native: Canada, Delaware, Massachusetts, New York
2. Introduced: San Francisco Bay, California
3. Habitats
  - Marine, estuaries, bays, intertidal zones
  - Most commonly found below low tide line, adhered to rocks
  - Also found on decayed wood and under stones and on unvegetated sand

#### Invasion Pathways

1. Stocking in open water
  - Introduced through contaminated oyster stock

#### Non-Native Locations

1. 41- Virginian
2. 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=1147&fr=1&sts=&lang=EN>
4. <http://www.conchology.be/images/Label/130000tb/137758.jpg>
5. <http://nas.er.usgs.gov/queries/FactSheet.aspx?speciesID=1035>