



## Theora lubrica

East Asian bivalve, Western Pacific semelid bivalve, Window shell

### Threat scores

1. Ecological impact
  - Incredibly successful competitor; dominates ecosystem and significantly reduces biodiversity.
  - Invasive potential
  - Introductions attributed to ballast water and solid ballast exchange. Establishes quickly within a short time of its arrival.
  - Recovers quickly from disturbances, such as summer anoxic events.
2. Geographic extent
  - Regionally patchy
3. Management difficulty
  - Crab predation may control *T. lubrica* in New Zealand waters.



### Geography and Habitat

1. Origin: Sea of Japan (Japan, Korea, Russia)

### Invasion Pathways

1. Ballast Water & Sediments
2. Accidental known
3. Cause- Ballast Water

### Non native locations

1. 58- Northern California
2. 59- Southern California Bight

### 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.
1. <http://conserveonline.org/workspaces/global.invasive.assessment>
2. <http://nathistoc.bio.uci.edu/Molluscs/DSCFoo43bb.jpg>