

W2 MEQ Introduced Species Workshop

US West Coast – Brief Overview
John Stein

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Prominent Marine NIS on the West Coast

Cordgrass - *Spartina* species



Griffen's Isopod - *Orthione griffenis*



Asian Copepod - *Pseudodiaptomus inopinus*



Photo courtesy of Jeff Cordell

Sea Squirt - *Didemnum lahillei*

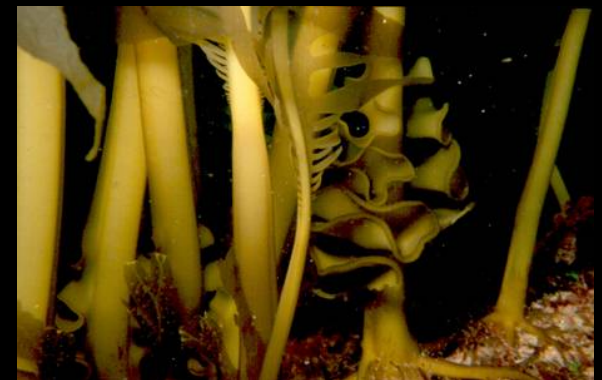


Green crab - *Carcinus maenas*



European Green Crab

Japanese Kelp - *Undaria pinnatifida*



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Primary Vectors

- ❑ Aquaculture Activities
- ❑ Live Food Trade
- ❑ Ballast Water (ship-fouling, solid ballast & ballast water)
- ❑ Aquatic Plant Trade
- ❑ Recreational Boat Traffic



How Many Exotic Marine Species?

- ❑ Alaska ???
- ❑ Washington > 50
- ❑ Oregon > 50
- ❑ California > 300

“Action Agencies”

- ❑ States – Washington Dept of Ecology
- ❑ Federal – Fish and Wildlife Service, EPA, US Geological Survey
- ❑ Others entities as well
- ❑ Funding is usually limited, so many efforts have little or no effort

Activities

- Western Regional Panel on Aquatic Nuisance Species (ANS).
 - The Panel was formed in 1997 to help limit the introduction, spread and impacts of ANS into the Western Region of North America.
 - Panel of public and private entities was formed by a provision in the National Invasive Species Act of 1996 (P.L. 101-636)
 - One of 5 such panels in the US; collectively they advise the ANS Task Force

Activities cont.

- ❑ Aquatic Nuisance Species was created by Congress in 1991 to bring together federal agencies to coordinate ANS activities
- ❑ Aquatic Nuisance Species Task Force Research Committee (formed in July 2005)

Activities cont.

- Aquatic Nuisance Species Task Force Research Committee
 - Advises the ANSTF on national Research priorities and goals (annual, short and long term);
 - Facilitates research planning at the regional panel level;
 - Acts as the national voice for the regional panels;
 - Facilitates information sharing between agencies and between federal and non-federal entities;
 - Ensures that research activities do not themselves spread AIS; and
 - Reports to the ANSTF at every task force meeting