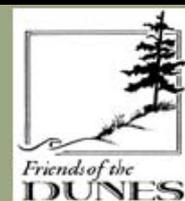




# Symposium on the Control of Invasive *Spartina densiflora* and Restoration of Native Salt Marshes in the Humboldt Bay Region







# Four Reasons to Worry

- 1) Loss of native marsh plants
- 2) Threatens native wildlife
- 3) Threatens mudflats
- 4) It is still spreading



***Spartina* Marsh**



**jaumea**



**salt grass**

**Where is it going?**







1984



2001

# WEST COAST GOVERNORS' AGREEMENT on OCEAN HEALTH

WASHINGTON OREGON CALIFORNIA



## Action 2.4

★ *Focus efforts on eradicating non-native cordgrasses (genus Spartina), which are transported between the three states on ocean currents, as a pilot coast-wide eradication.*



Governor Kulongowski of OR



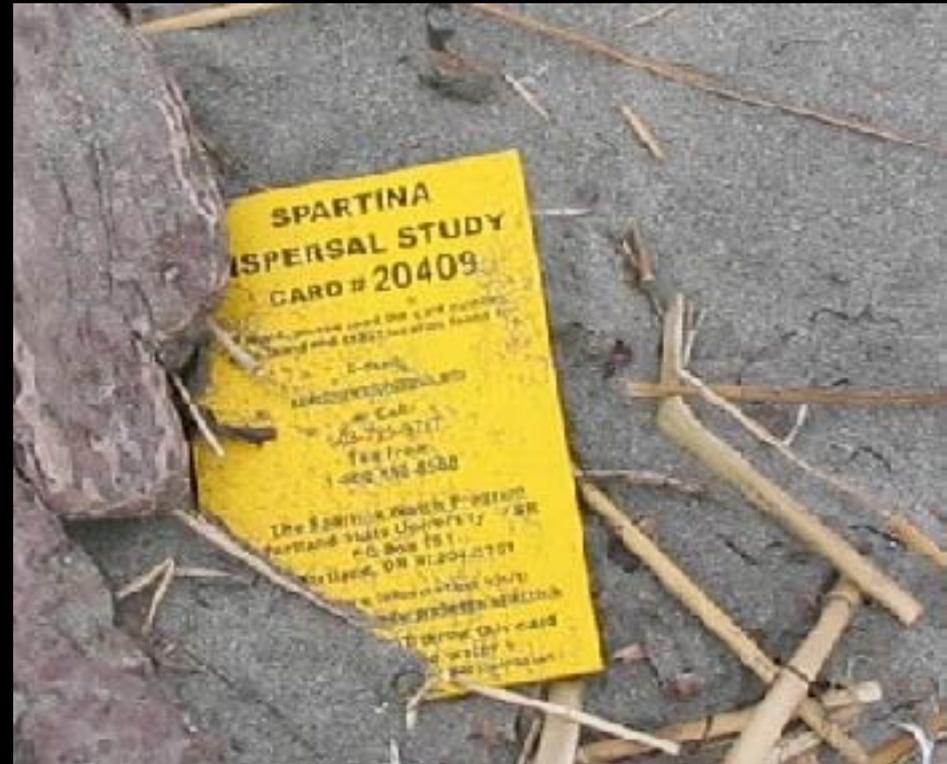
Governor Gregoire of WA

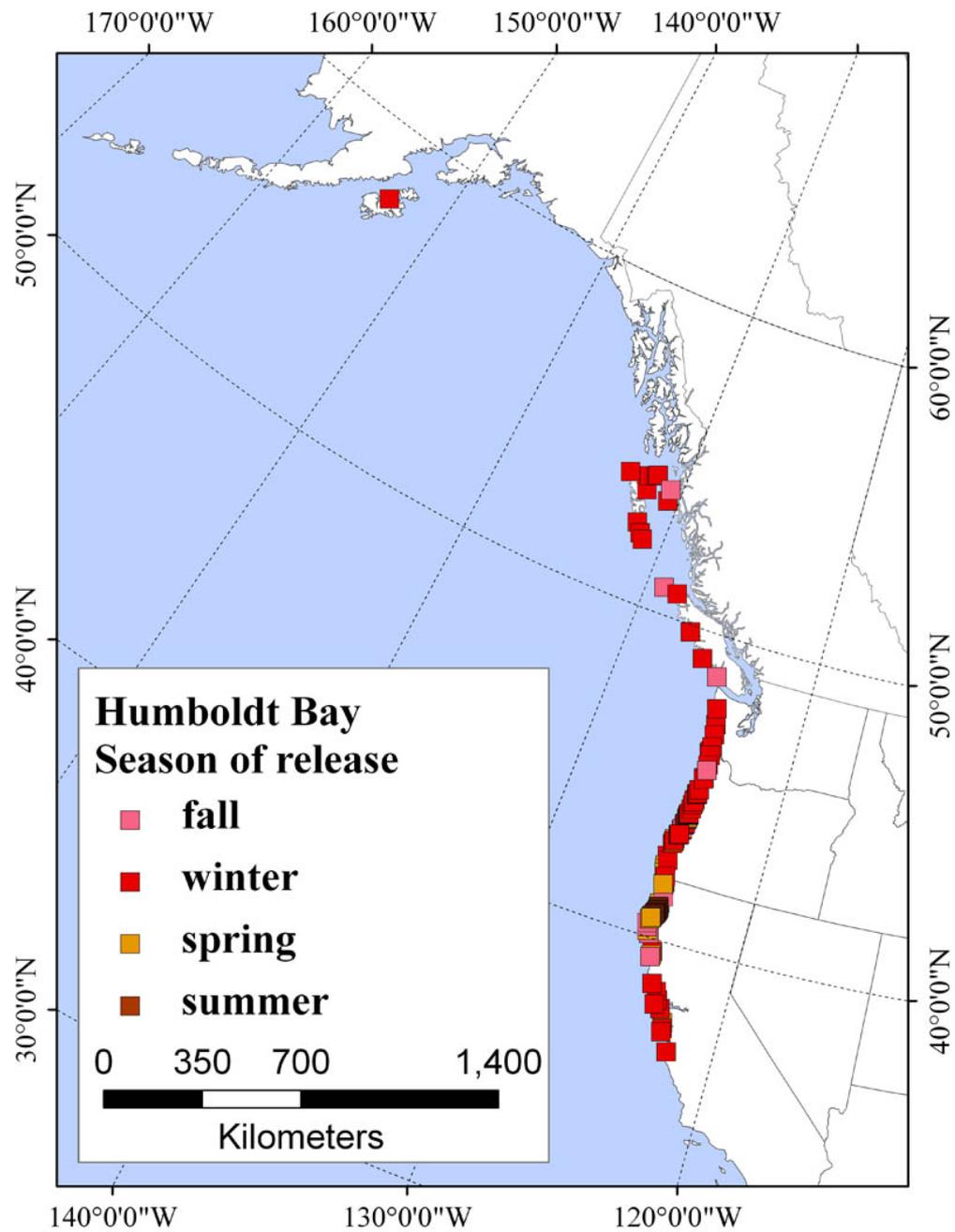


Arnie!

# Threat of dispersal brings pressure from other states and regions

415 of 620 cards reported landed in Oregon, Washington, British Columbia and Alaska





# Spartina Work Plan Elements

1. Early Detection

2. Rapid Response

RR-4: Expand Oregon model for *Spartina* rapid response to a regional level

3. Eradication

4. Restoration

5. Communications/Public Outreach

“...the highest priority tasks will focus on eradication in Humboldt Bay, CA; and the Siuslaw Estuary, OR. The development of improved methods for *S. densiflora* treatment is also a top priority as this particular species is less responsive to herbicide treatments.”

--WCGA Spartina Workplan

**Subtask E-2.6: Evaluate Humboldt Bay situation in three years and declare emergency if insufficient progress has been made.**

**--WCGA Spartina Plan**



## Regional Eradication Plan- to be completed by Dec 2011

- 1) Technical  
Studies, Map of  
Current  
Distribution
- 2) Implementation  
Logistics-  
Methods, Cost,  
Phasing
- 3) Public Outreach

# Eradication Plan Consultant Team

- HT Harvey
- Annie Eicher, local botanist and invasives expert
- Kim Patten, WSU, expert on Spartina control
- Carol Vander Meer of Friends of the Dunes

# Summary

- Spartina is a problem for our marshes
- We think we can eradicate it
- We need your input and will need your help

