

The background is a blue gradient with several overlapping, semi-transparent circular shapes of varying shades of blue, creating a layered effect.

# Weed Control Projects

## Northwest Oregon

### 2013-14

# Phragmites control: Portland



# Michele at work: Sauvie Island



Life is rough!



## Spartina surveys:

- Vanessa Howard (PSU) led the effort to survey the Siuslaw, Coos, Coquille estuaries.
- The result, *Spartina densa* was located in Coos Bay, a new state record.

# Basin method of survey: hoof it!



Zodiac type boats are good for shallow water surveys.



# Spartina densiflora



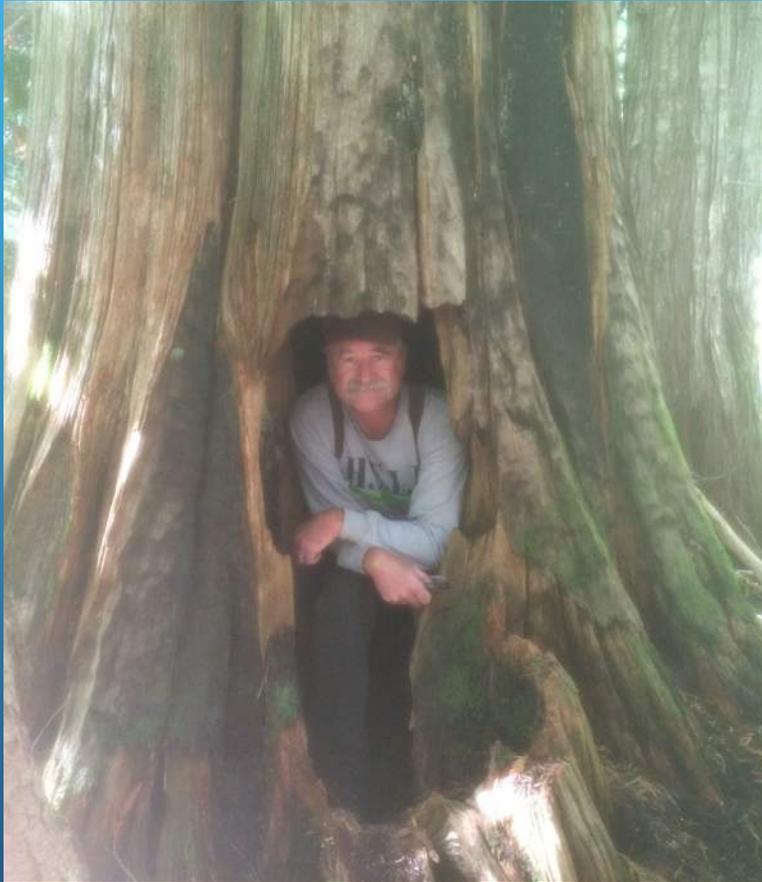
# Mt Hood treatments:

- Spotted knapweed treated on Hwys 26, 35 and 242.
- Spotted knapweed treated on Forest roads on Upper Clackamas and Hood River Ranger District roads. New sites are discovered each year. Logging activity has increased spotted knapweed populations requiring expanded control efforts in 2015.
- Japanese knotweed treated at the Job Corps Center and surrounding road systems.
- False brome sites increased to 5 total on Forest after this years treatment season.

# Mt Hood hawkweed:



# Burnt Mt meadow:



- Orange hawkweed was located in a meadow environment along the Burnt Mt trail.
- Backpack treatments used annually to prevent expansion of weed site.
- 2014 survey failed to find outlyer populations. Ya!

# Willamette National Forest

- Continued false brome treatments on forest roads working 2 years in front of logging activities. So far, little to no off-road intrusion of false brome into forested areas.
- Continue to treat spotted knapweed on Hwys 20, 22, 125 and 58.
- Forest roads have very little knapweeds present but new small outbreaks located each year.
- Middle Fork Willamette knotweed was targeted again this year. It never seems to go away.

# Knotweed control isnt easy!



- Blackberries are the biggest problem. Access is often difficult. Throw in a few hornet nests and you have a fun time.
- Walk softly and carry a big stick to get through.
- Knotweed patches never seem to go away nomatter what you treat them with..

# Other knotweed control: Independence OR



Talk about the need for a clean gravel program!



## Other projects

- Ludwigia surveys and photo analysis.
- Hood River garlic mustard
- Hogweed treatments
- Drone surveying for yellow flag iris.
- Army Corp treatments to protect Kincaids Lupin habitat.