Willamette and Columbia River Aquatic Plant Surveys

Rich Miller and Dr. Mark Sytsma Center for Lakes and Reservoirs, Portland State University

CRB Meeting • December 6-7, 2016

Funding provided by:





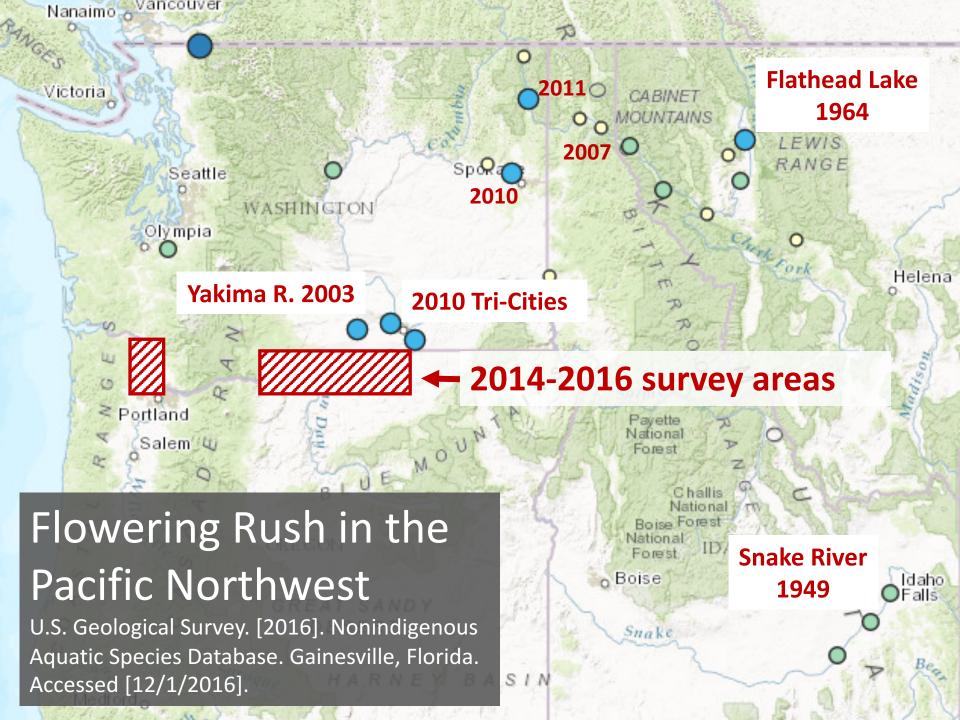
Collaborators:

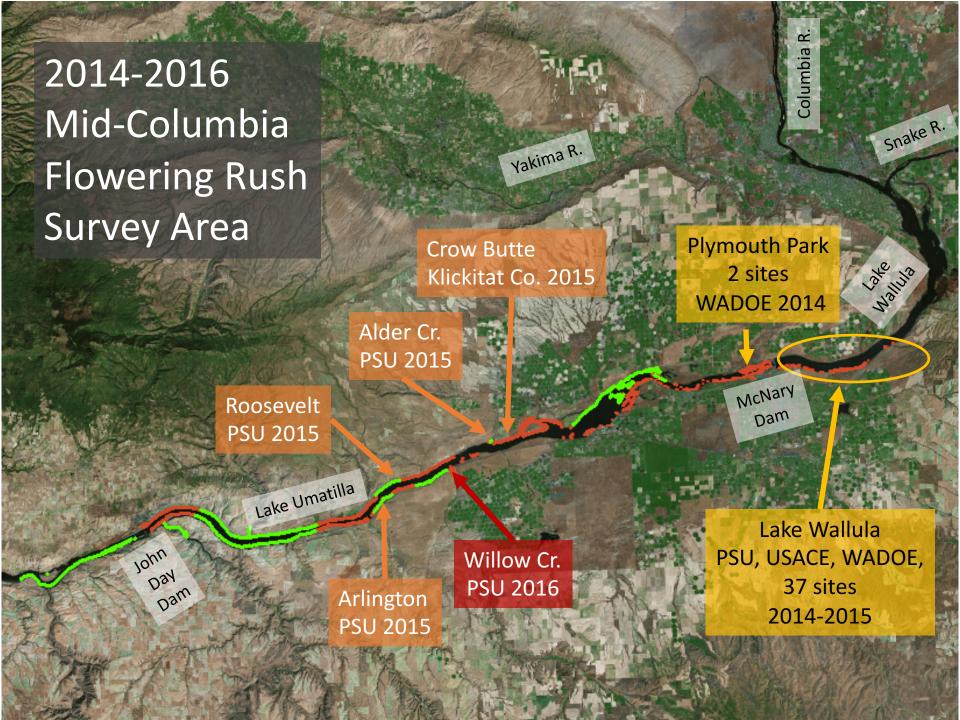
Willamette Aquatic Invasives Network Willamette Riverkeeper









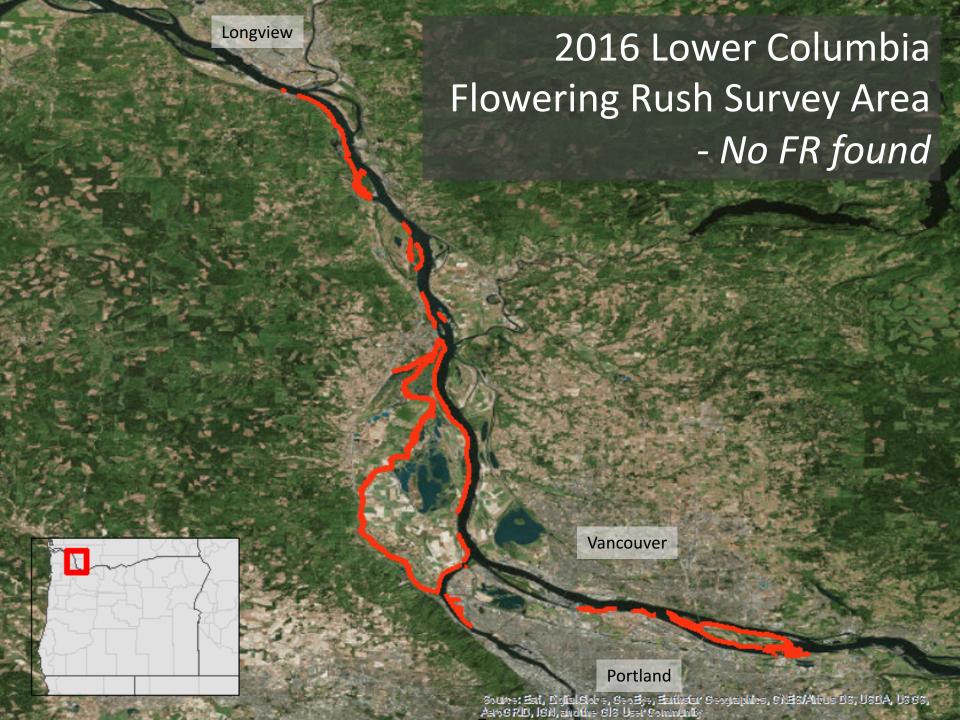


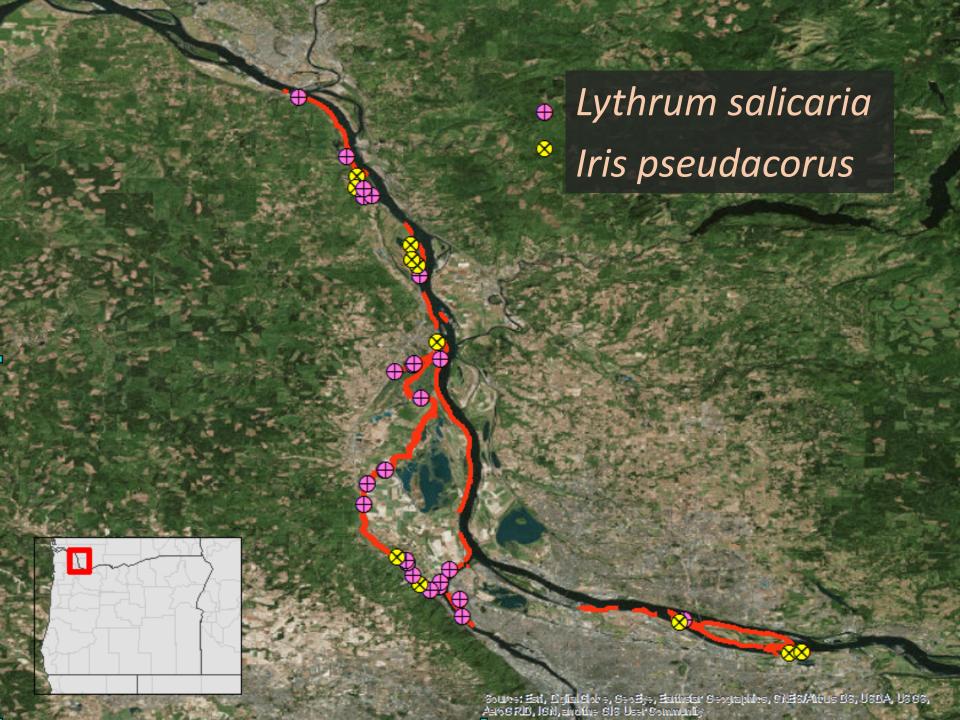




Hand removal of shoreline plant from Lake Umatilla near Plymouth Park September 2016 photo by Mark Porter, ODA







Other Noxious Weeds detected

hybrid cattail

latifolia)

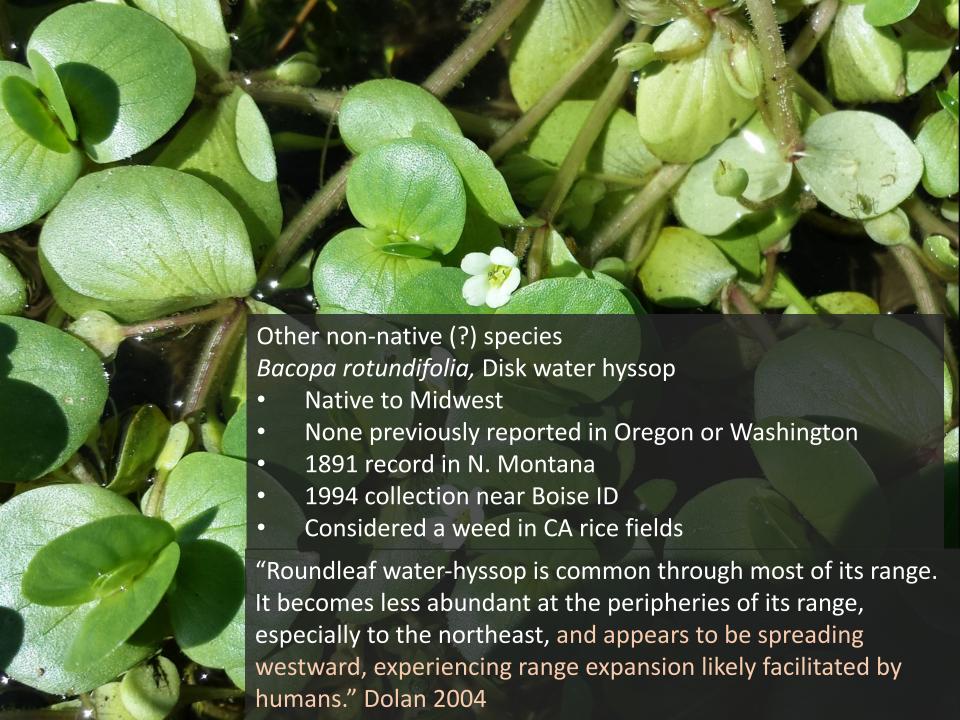
			Noxious	
		Growth	Weed	
Species name	Common name	Form	Classification	Distribution Notes
			A – targeted	
			for prevention	Limited to small populations in
Butomus umbellatus	flowering rush	Emergent	and control	Lake Umatilla and Lake Wallula
Amorpha fruticosa	false indigo bush	Shoreline	В	Widespread throughout
			B - targeted	Widespread but limited in Mid-
Lythrum salicaria	purple loosestrife	Shoreline	for biocontrol	Columbia
	Eurasian watermilfoil			
Myriophyllum spicatum and/or	and/or hybrids with			Widespread. Genetic ID
hybrids with M. sibiricum	northern watermilfoil	Submerged	В	required to determine hybrids
Phragmites australis ssp. australis				
and/or hybrids with P. australis				
ssp. americanus	common reed	Shoreline	В	Widespread
Iris pseudacorus	yellow flag iris	Shoreline	В	Widespread
Phalaris arundinacea	reed canarygrass	Shoreline	C (WA listed)	More abundant to west
Potamogeton crispus	curly leaf pondweed	Submerged	C (WA listed)	Widespread
Typha angustifolia	narrow-leaf cattail	Shoreline	C (WA listed)	Common in Mid-Columbia
Typha glauca (angustifolia x				

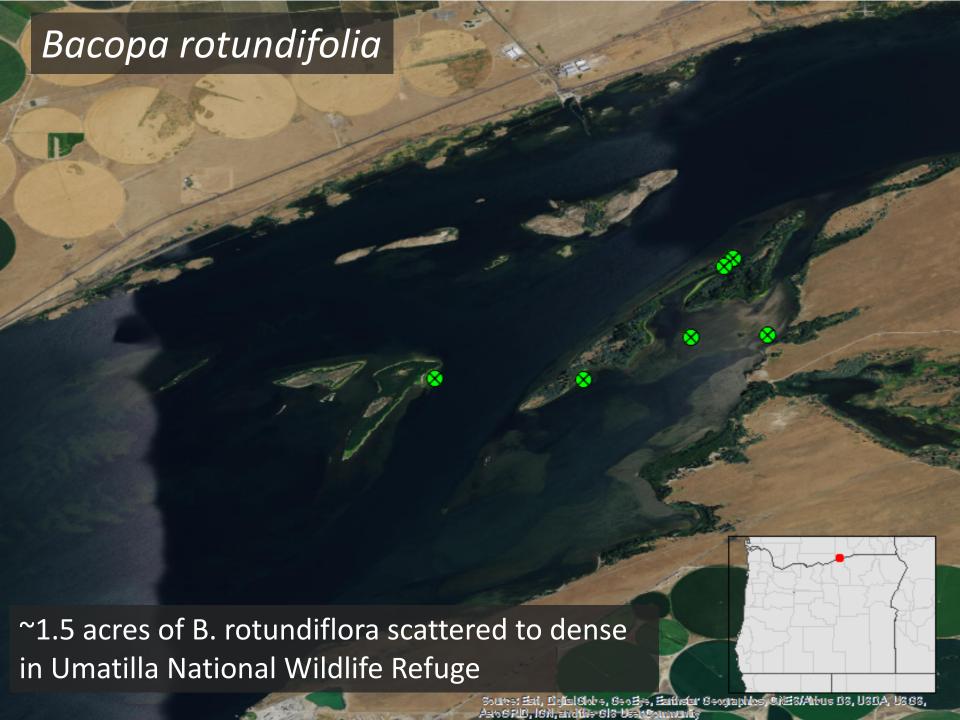
Shoreline

C (WA listed)

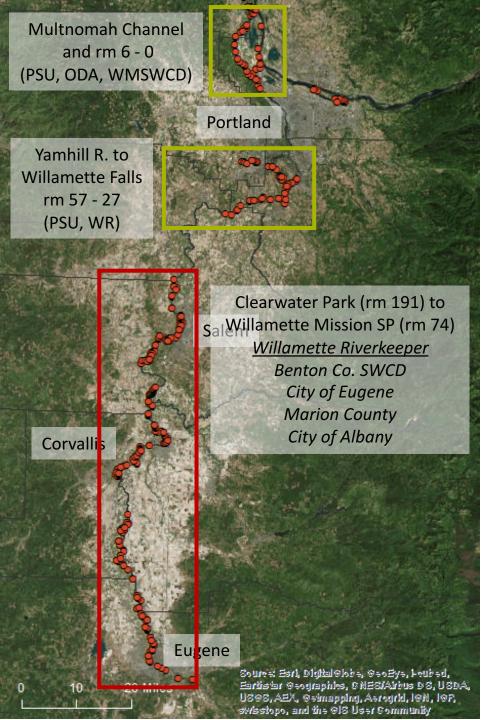
Common in Mid-Columbia











Willamette Surveys

- 2015-2016
- Survey data feeds in to prioritization of asset based management Willamette Aquatic Invasives Network (WAIN)





