



Columbia River Basin Dreissenid Monitoring Forum

JUNE 2021

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Agenda

- ▶ Introductions
- ▶ Research Priorities Workshop Primer
- ▶ 2020 Monitoring Map
- ▶ Monitoring Data as a Planning Tool
- ▶ Monitoring Updates:
2020 results and 2021 plans
- ▶ Wrap Up
- ▶ Next Steps



Research Priorities Workshop Primer



Regional Mapping: <https://www.westernnais.org/monitoring>

Zebra and Quagga Mussel Monitoring

- Overview
- 2020
- 2019
- 2018
- 2017
- 2016
- 2015
- 2014
- 2013
- 2012
- 2011

Zebra and Quagga Mussel Occurrence (best available)

- unknown
- collected
- established
- failed
- eradicated

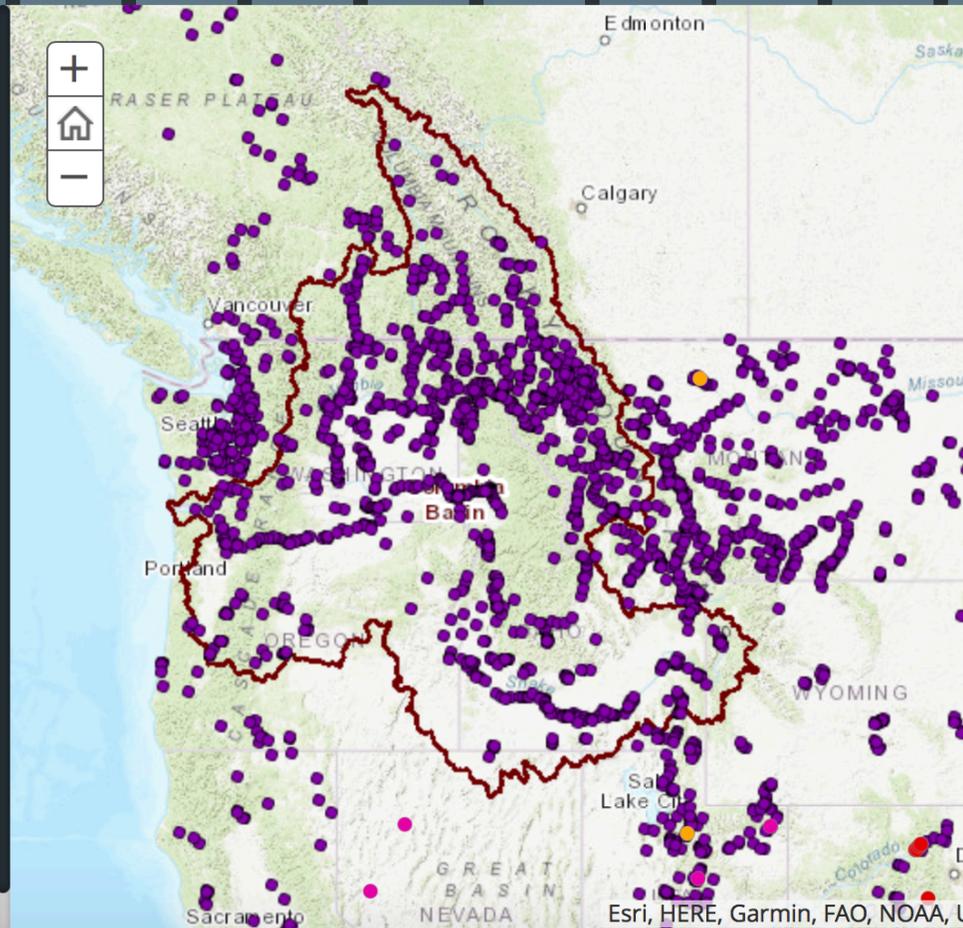
Quagga_Zebra_Mussel_M

Quagga Zebra Mussel Monitoring Sites 2020



Columbia Basin Watershed Boundary

Columbia Basin Boundary



Quagga Zebra Mussel Monitoring Sites 2020:

Reporting_Agency	Date Sampled	6/10/2020
Collecting Agency		12:18:00 AM
Water System Name	Datum latitude and longitude	
Water Body Category	Latitude	47.70
Water Body Name	Longitude	-116.84
Sampling Location Description	GNIS_ID	
State_Province	Source LocationID	
	Source Location Comments	
	Target	Veliger
	Sample Collection Method	Plankton Tow
	Type of tow	Horizontal

OVERVIEW MAP

Monitoring Data as Planning Tool:

Quagga/Zebra Mussel Monitoring Map Viewer
Aquatic Invasive Species Program

Find address or place

Map controls: +, -, Home, Layers, Full Screen, Refresh, Back, Forward

Legend

Quagga Zebra Mussel Monitoring Sites (2020)

Number of features

- > 271
- 200
- 140
- 70
- 1

Zebra and Quagga Mussel Occurrence (best available)

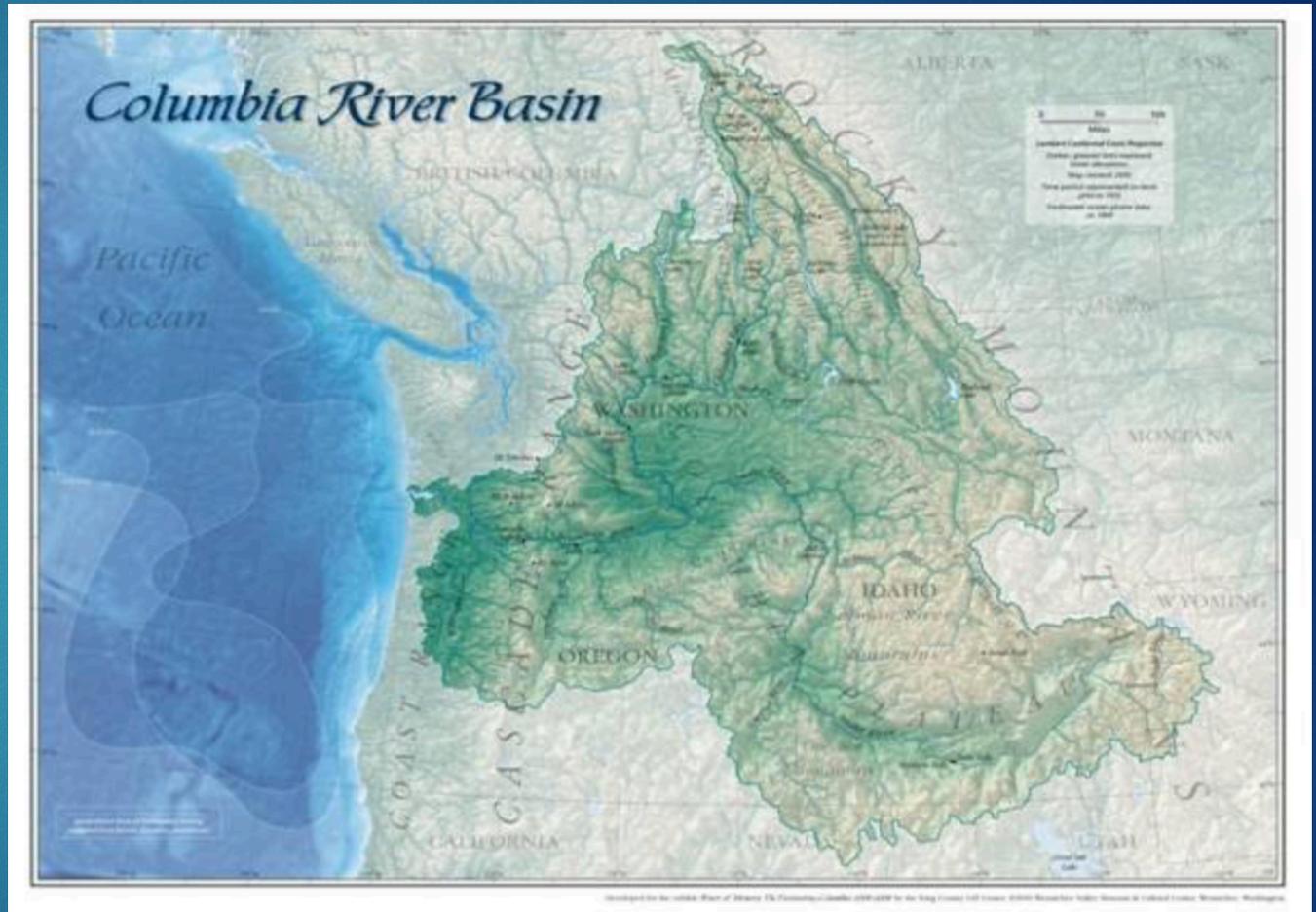
- unknown

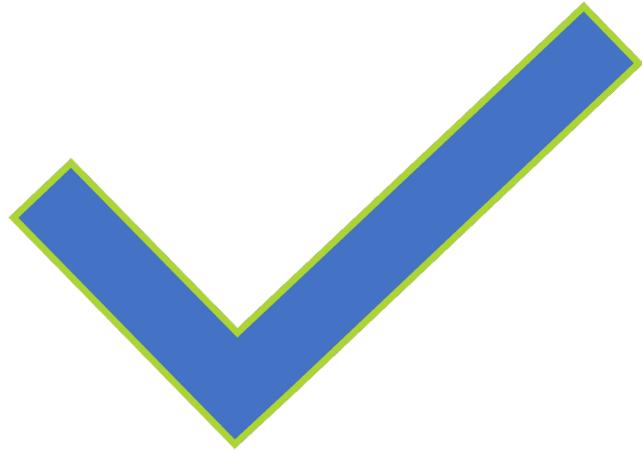
Quagga Zebra Mussel Monitoring Sites (2020)
Quagga/Zebra Mussel Monitoring Sites (2019)
Quagga/Zebra Mussel Monitoring Sites (2018)

Options
Filter by map extent
Zoom to
Clear selection
Refresh

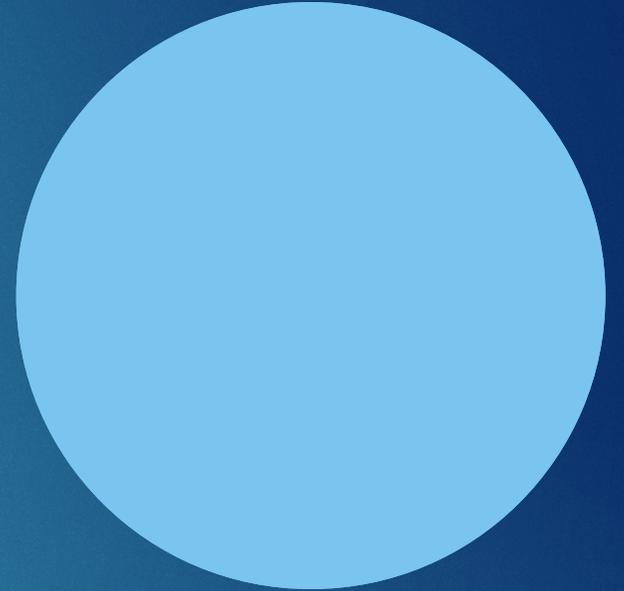
Reporting_Agenc	Collecting Agency	Water System Name	Water Body Category	Water Body Name	Sampling Location Description	State_Province	Date Sampled	Datum latitude and longitude	Latitude	Longitude	GNIS
WDFW	Douglas County PUD	Columbia River	Reservoir	Lake Pateros	Across from Starr Ramp East (10 Left)	WA	3/17/2020	WGS84	47.98	-119.87	

Monitoring Updates: 2020 Results and 2021 Plans





Wrap Up



Next Steps

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