## FIDALGO BAY AQUATIC RESERVE

2020 Forage Fish
Survey Results

## SURVEYS

- 38 surveys
- 25 volunteers
- about 400 volunteer hours!



## SAMPLES

142 samples collected

- 55 Fidalgo Bay East
- 87 Fidalgo Bay West


## EGGS

Samples with eggs

- 100\% in May, June, July, and Sept
- 35\% in March and April
- 80\% average



## CONDITIONS

Wind, smoke, snow, and Covid19 all impacted this year's work!!!

THANK YOU TO ALL OF OUR WONDERFUL VOLUNTEERS. WE GOT THINGS DONE BECAUSE OF YOU!

## DATA

Here are graphs of data collected over the years!

Fidalgo Bay Surf Smelt Spawning
SAMPLES WITH EGGS: BY MONTH (2013-2020 avg.)


This graph shows the percent of samples each month that had eggs. Each month represents 15-20 samples per year. The pink bars show the average percent from 2013-2020, while the blue bars show the percent of samples just from 2020 that had eggs.

2020 was a good year for finding eggs!

Fidalgo Bay Aquatic Reserve Surf Smelt Spawning
Percent of Samples with Eggs: by Month and Year ( $15-20$ samples per month )


This graph is a lot like the one above, but it has a bar for each year from 2016 to 2020 (red). The months where we see the most samples with eggs are between May and October, with December also being a good month.

