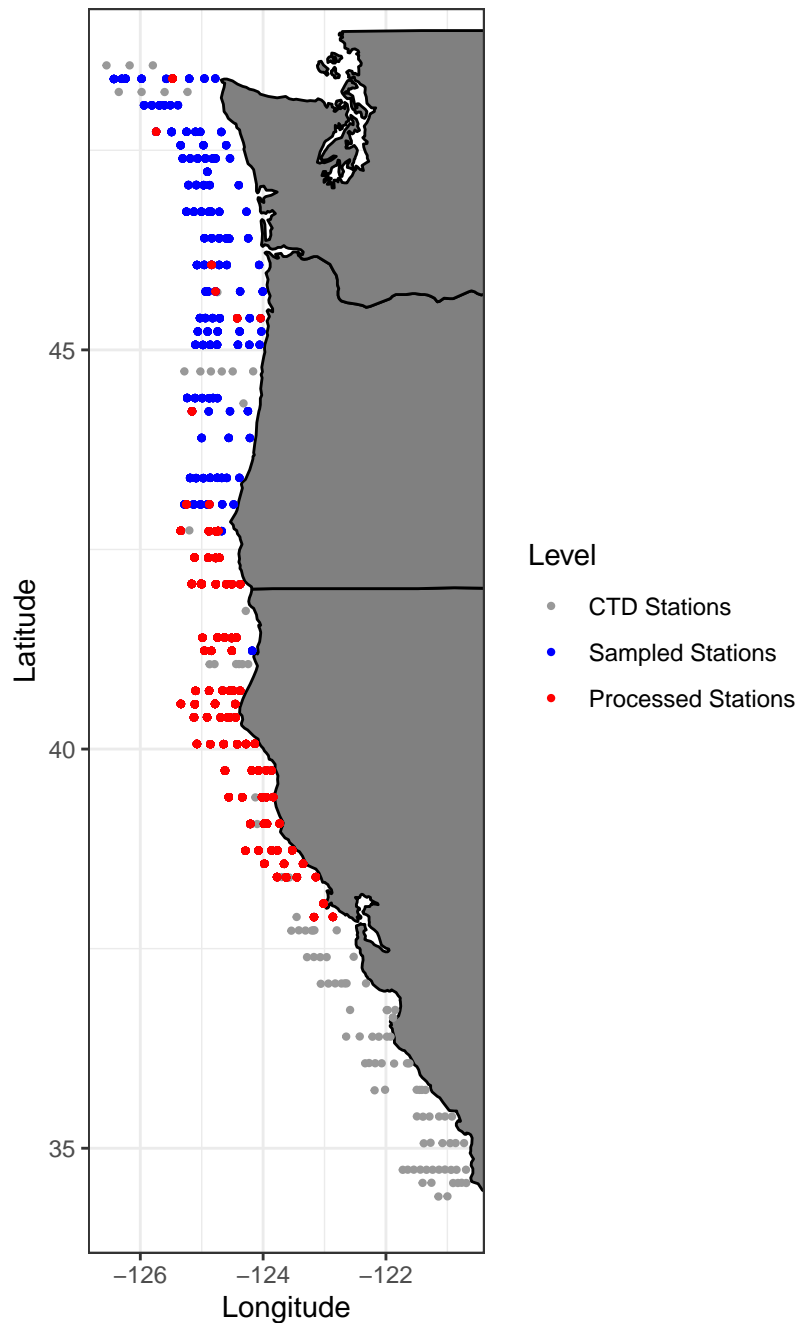


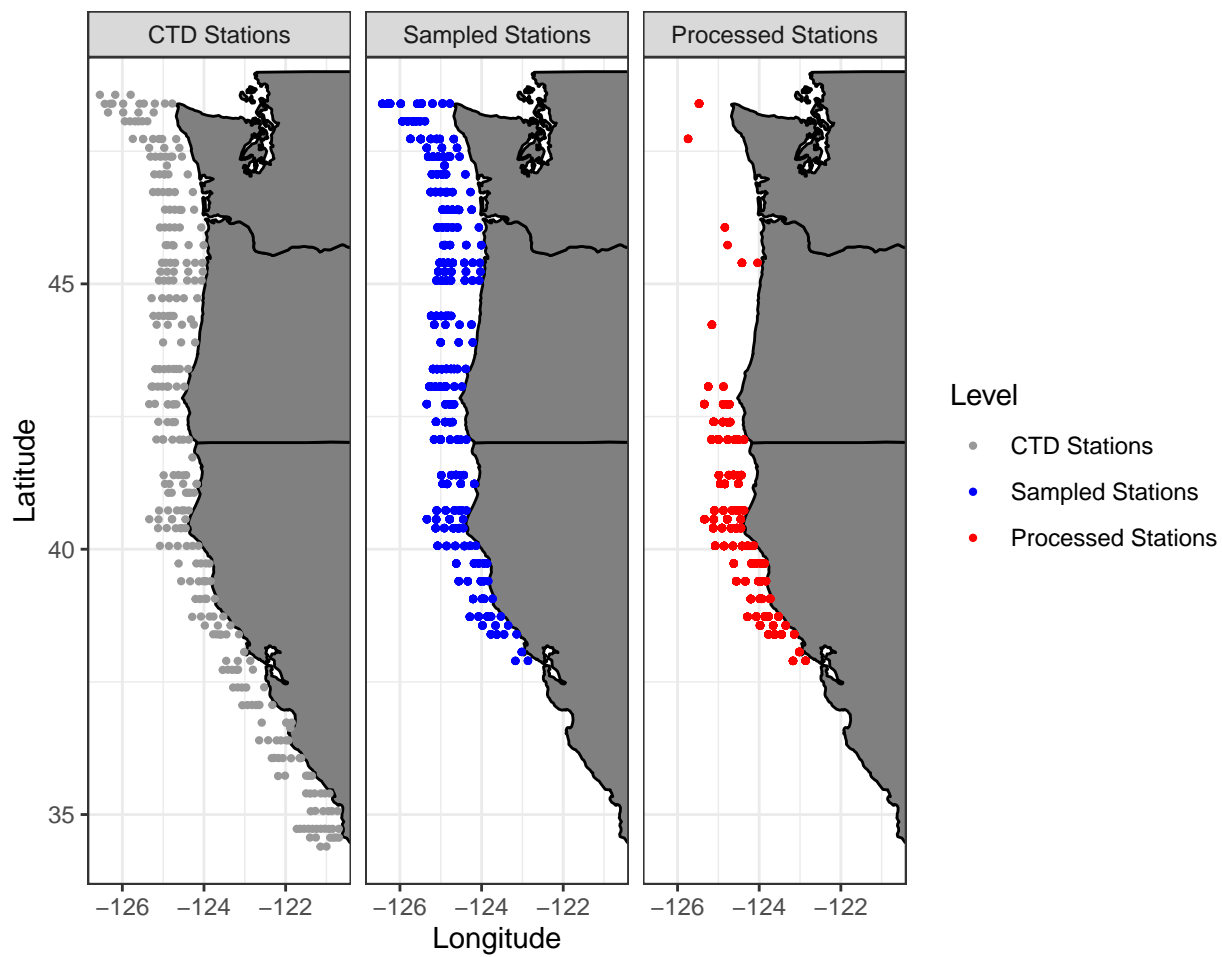
Hake 2019 Survey

eDNA from the 2019 Hake cruise

Sampling and processing to date.

In total we have processed qPCR for pacific hake, pacific lamprey, and eulachon from 85 CTD stations representing 382 station-depth combinations for 769 individual 2.5L water samples.





Inhibition

There are a lot of samples that show signs of inhibition. They are concentrated in the surface samples. Here are the inhibition by station-depths and depth categories. ‘Completely inhibited’ means zero PCR replicates from any water sample at that station-depth combination have amplified within the PCR parameters (insert stuff about non-template controls here)

Depth Category (m)	Total	Not_inhibited	Partially_inhibited	Completely_inhibited
0	79	17	31	31
25	15	13	1	1
50	76	61	14	1
100	59	58	1	0
150	58	58	0	0
200	1	1	0	0
300	49	46	3	0
500	44	43	1	0
TOTAL	381	297	51	33

Spatially, the

Controls

There are two main types of control: field negative control and extraction controls.