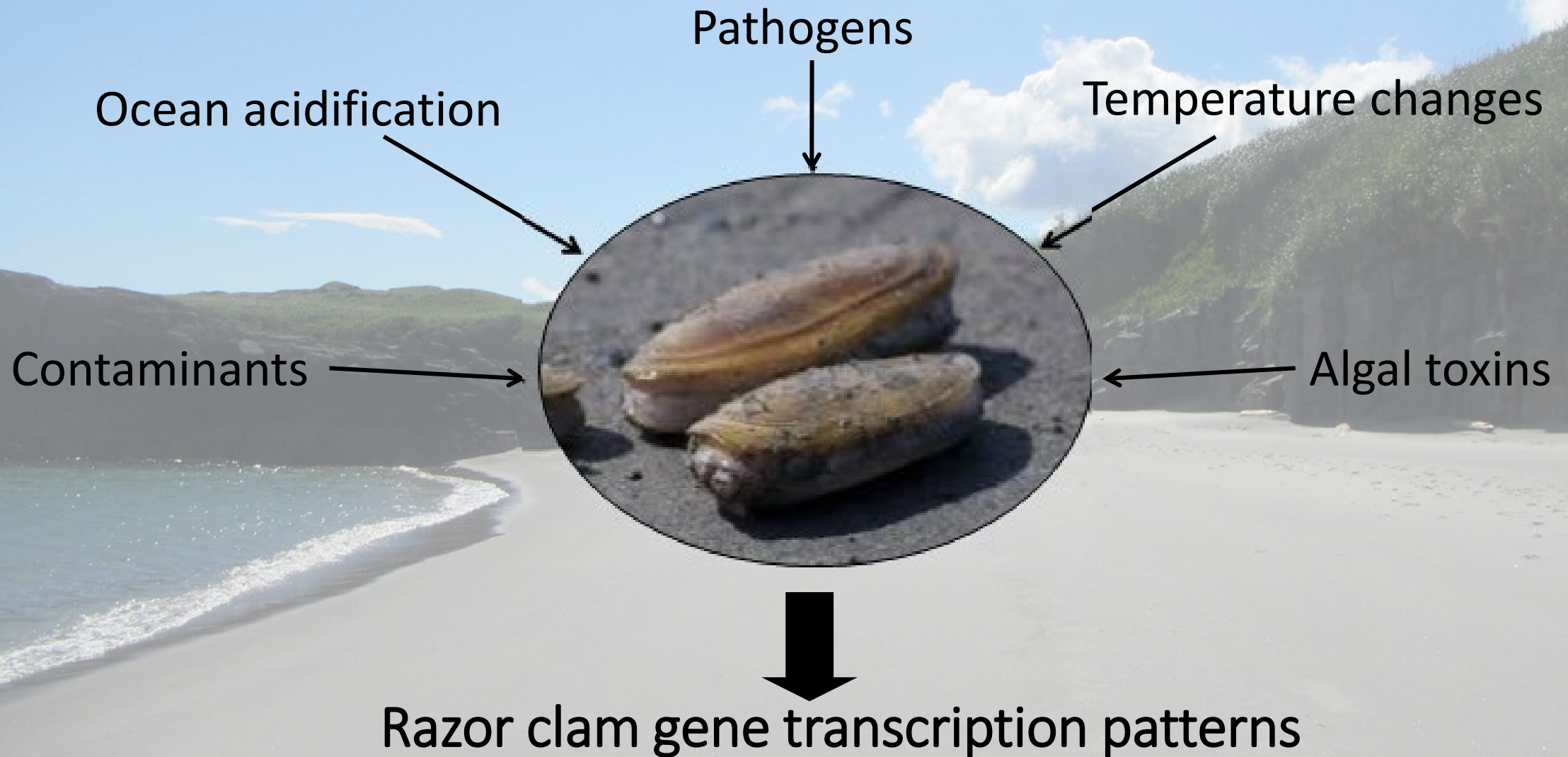
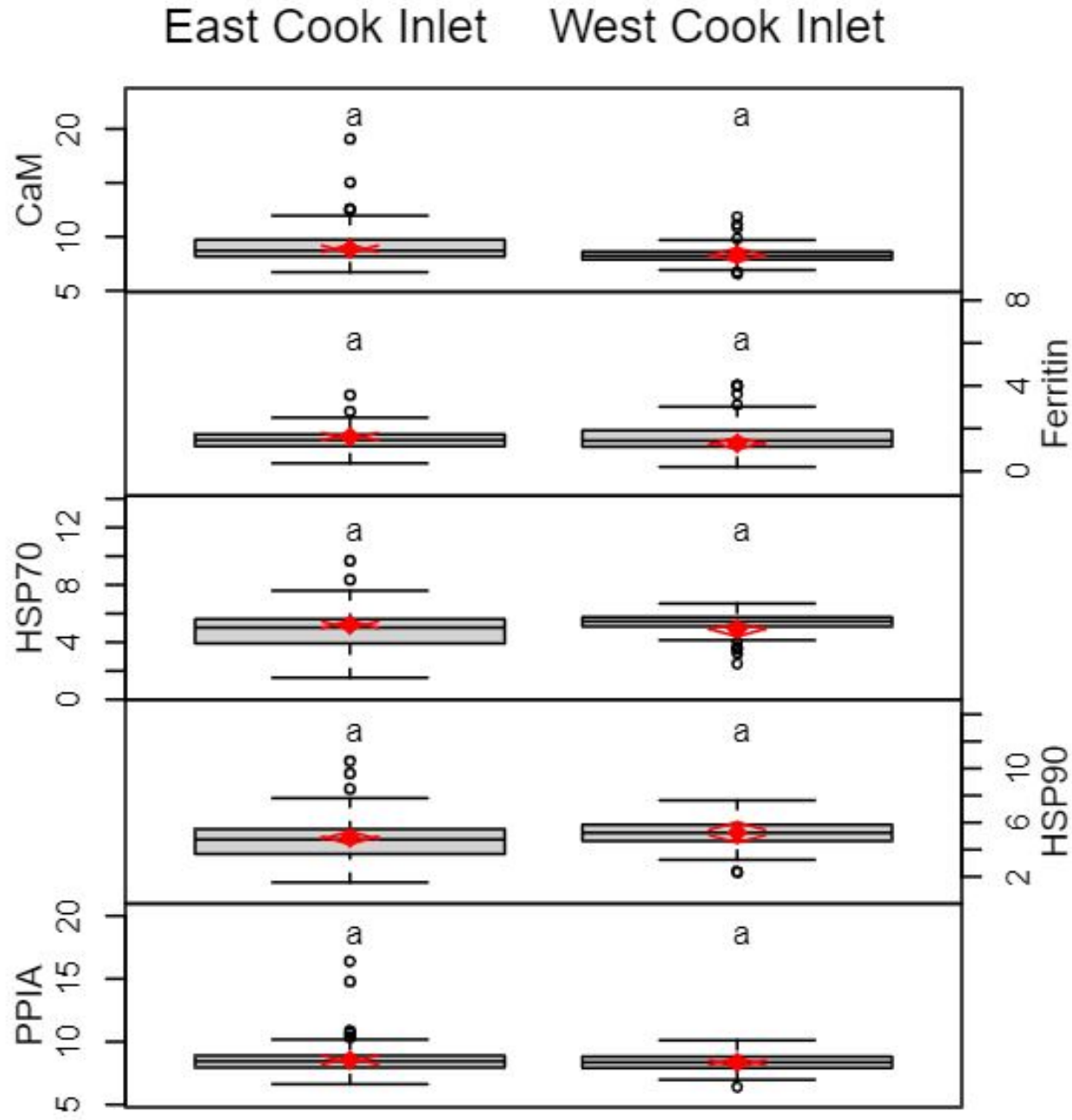
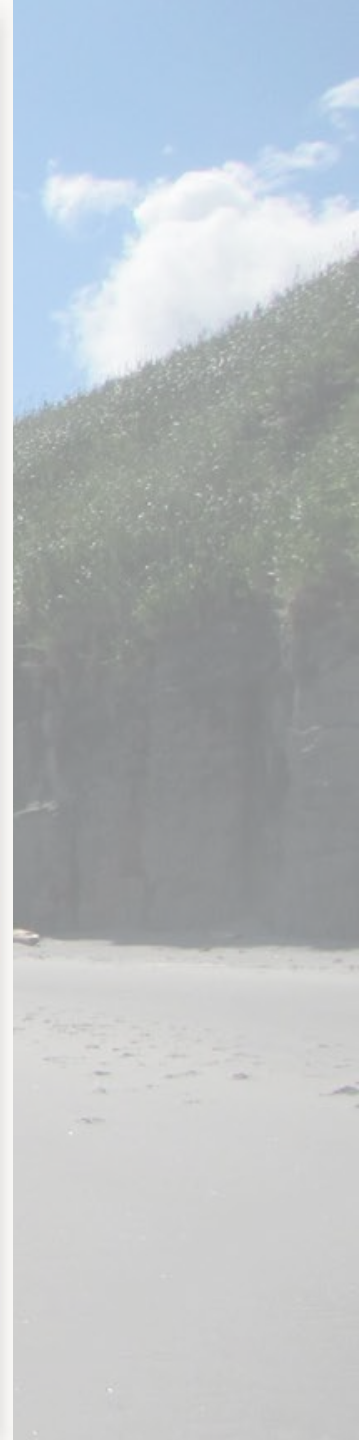
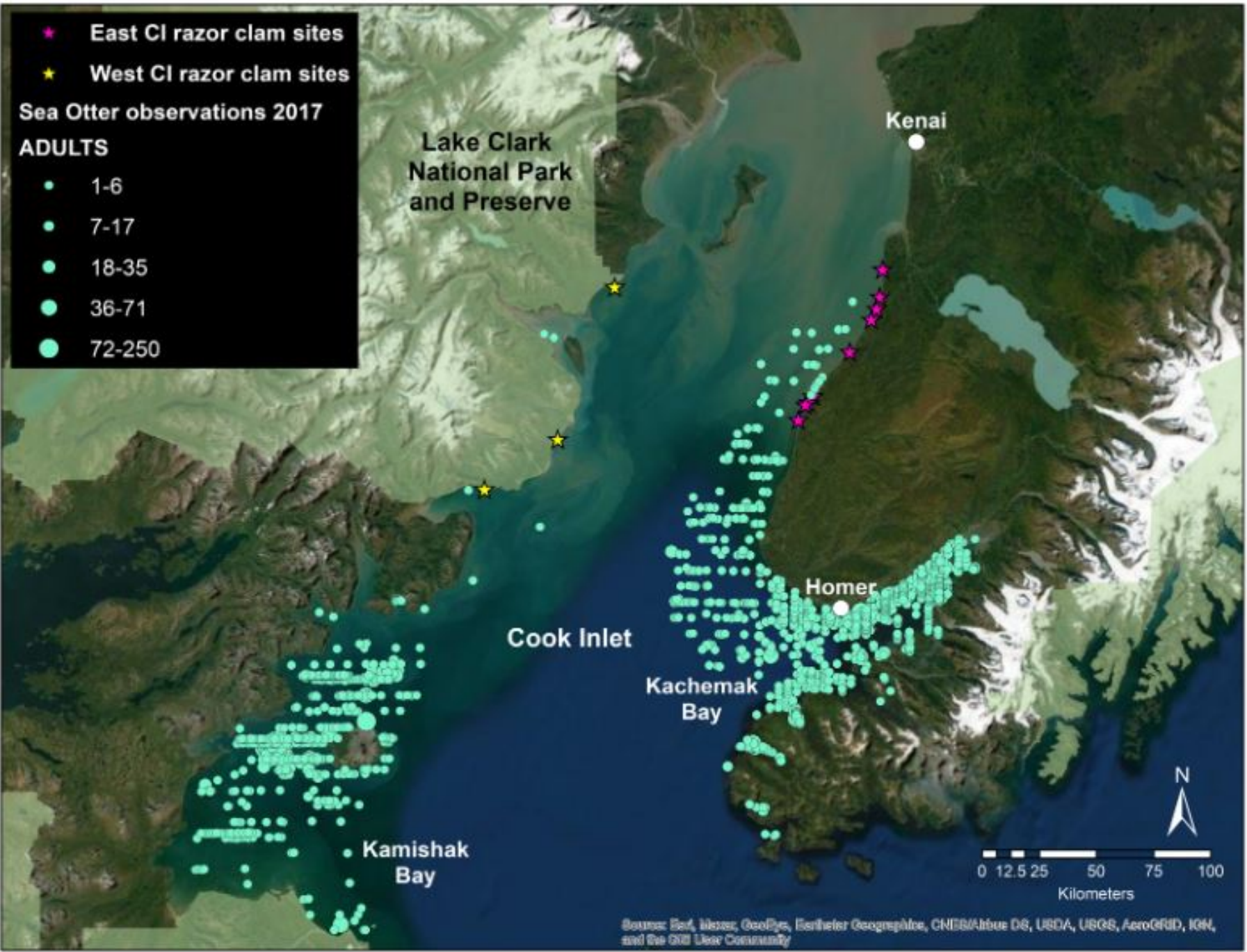


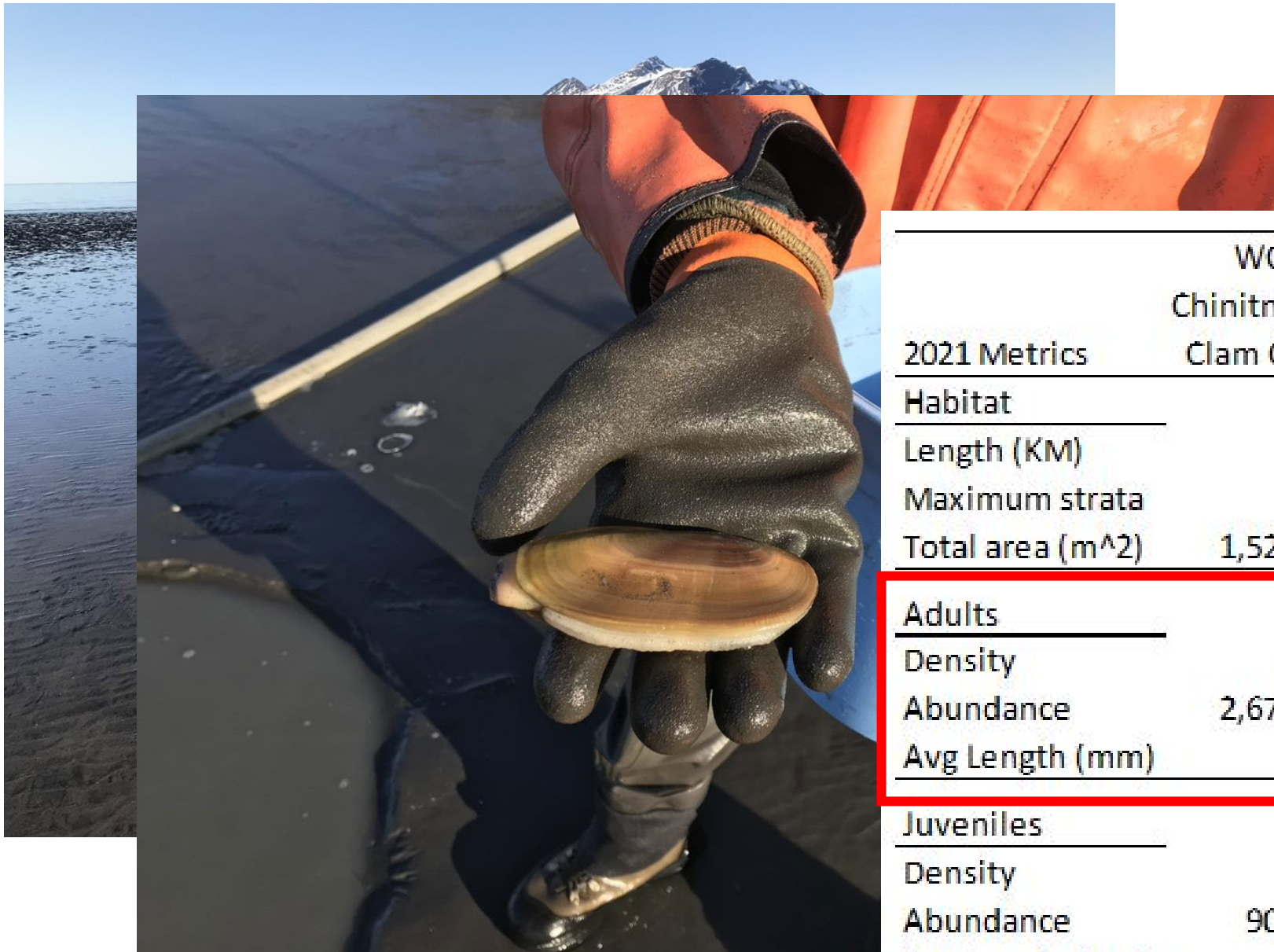
Using gene transcription to monitor ecosystem changes over time



Gene Expression







	WCI	ECI	ECI
	Chinitna Bay	Ninilchik	Clam Gulch
2021 Metrics	Clam Cove	South	North
Habitat			
Length (KM)	3.7	1.57	2.38
Maximum strata	34	31	28
Total area (m ²)	1,523,569	565,224	890,082
Adults			
Density	1.75	0.41	1.07
Abundance	2,671,114	231,294	952,427
Avg Length (mm)	109	95	84
Juveniles			
Density	0.59	3.39	3.85
Abundance	901,209	1,917,914	3,429,674
Avg Length (mm)	42	42	65