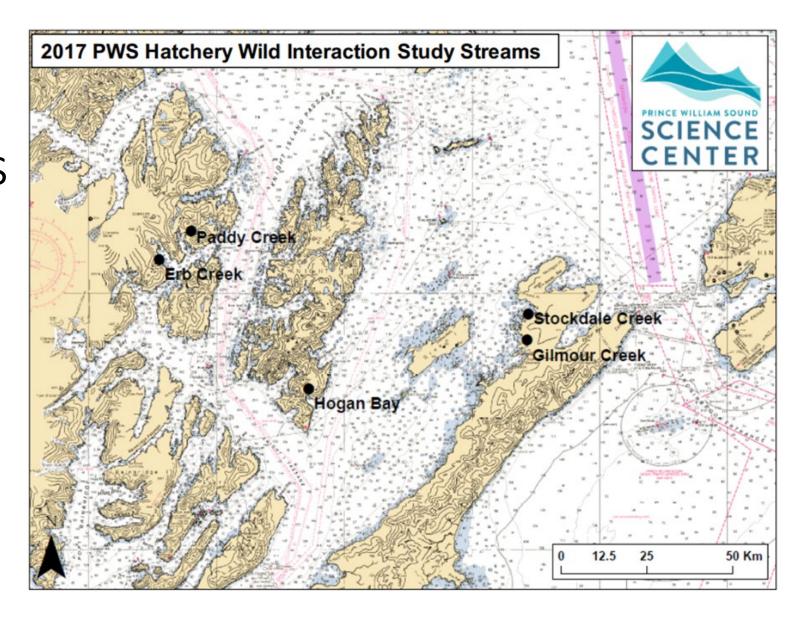
Part 3: Fitness stream sampling

Pete Rand, Prince William Sound Science Center



Pedigree Streams



Intensive sampling in five PWS streams

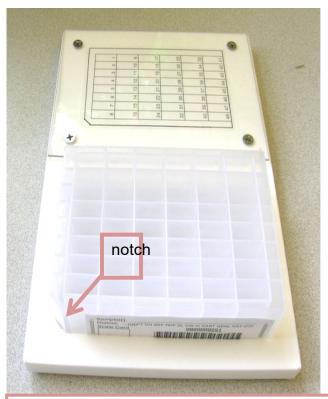
- A total of 9 field personnel (3 teams of 3 members each) sampling near daily on 5 streams through the season (typically from end of July to mid-September).
- Expanded sampling to include collect of heart tissue for pedigree analysis.
- One field camp mobilized in Paddy Bay (Paddy and Erb sampling), and two live-aboard charter vessels (Stockdale, Gilmour, and Hogan Bay sampling).
- During first several weeks streams were sampled daily, but with rising number of carcasses, the sampling was conducted on alternate days.

Target: Pink salmon, as many as possible

Sampling protocol







Set-up for sampling:

1. Place 48dwp in sampling guide; barcode label should be facing you as you sample. Use numbered well sample grid for referencing well position and for sampling direction. **DO NOT DEVIATE** from individual well filling pattern.

Erb Creek, 2020



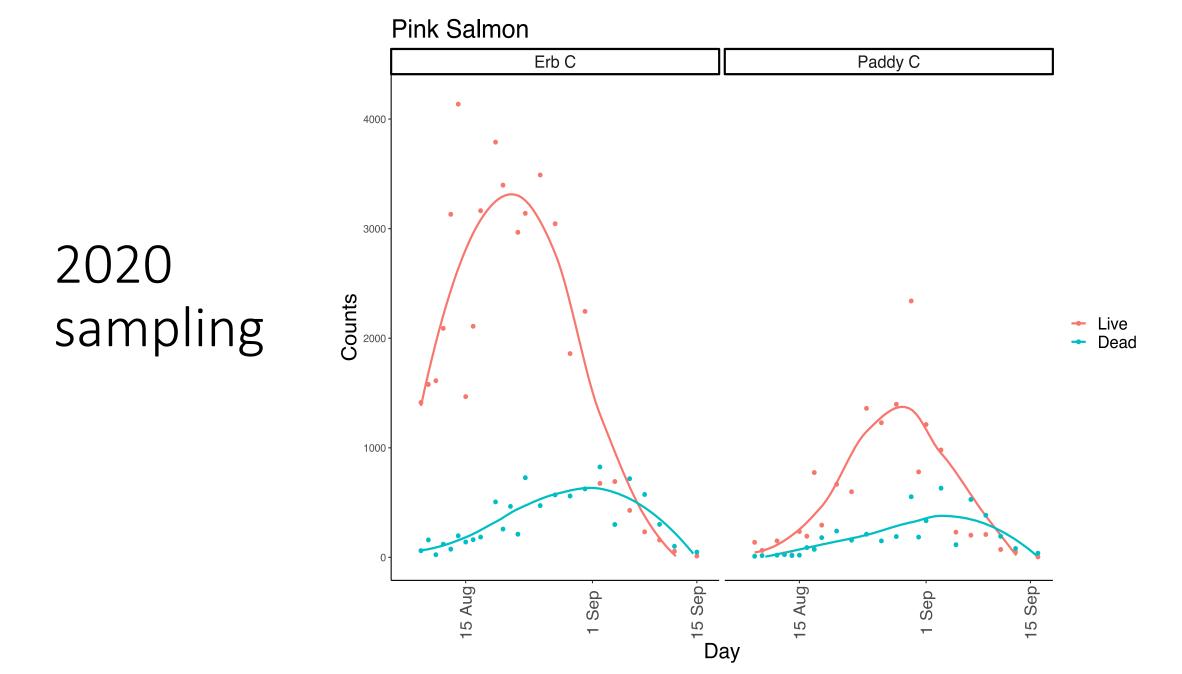
Stream sampling



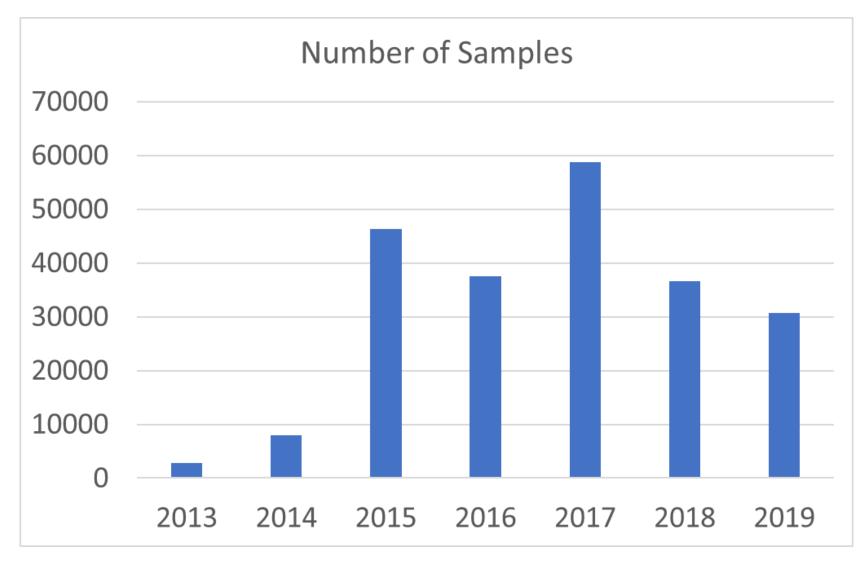


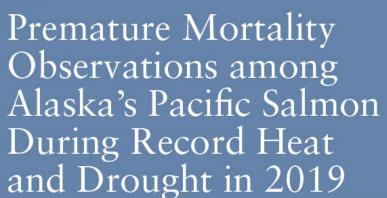
Live and Dead Counts





AHRP Samples, By Year





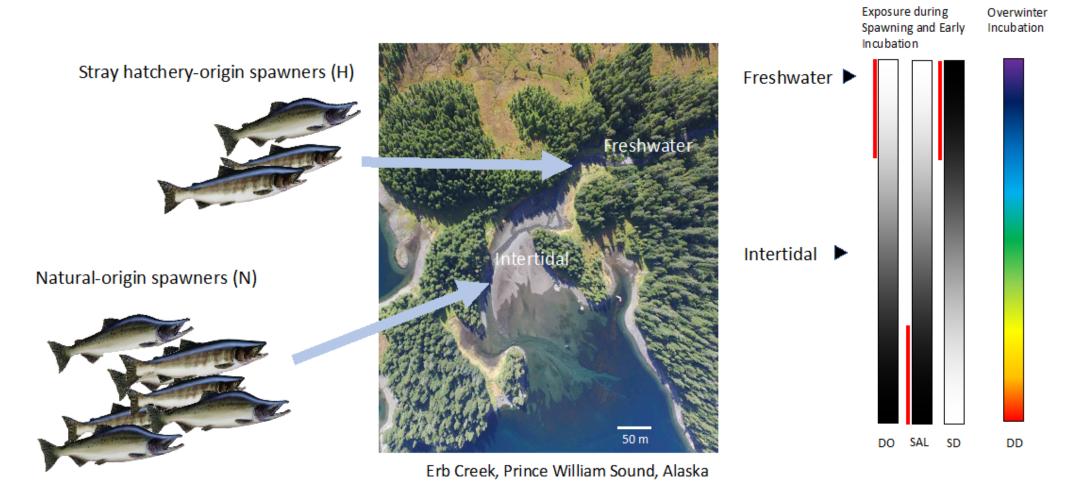




PC: Brad von Wichmann, Babkin Charters

von Biela et al. 2022

Proposed ecological studies



Progression of spawning season ———