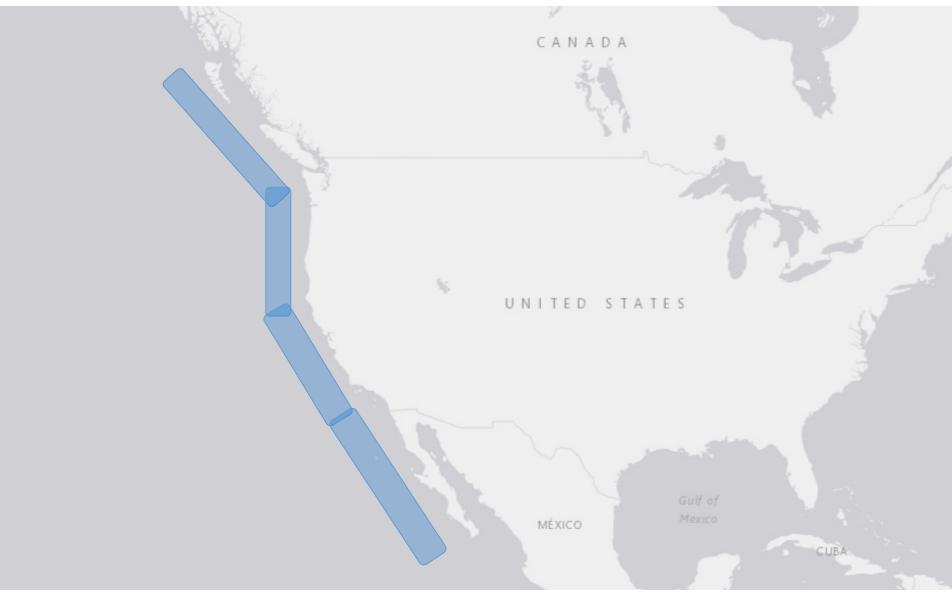




Historic Olympia oyster distribution

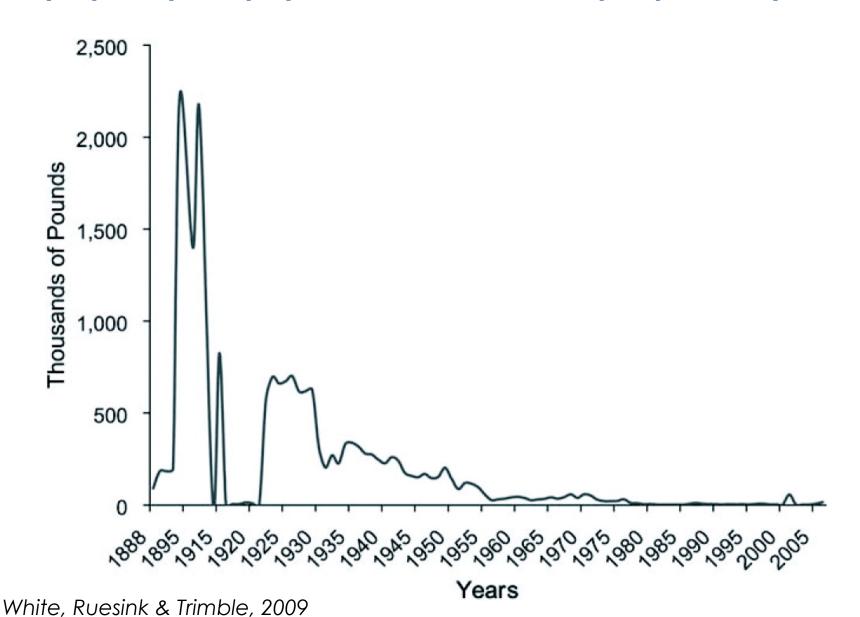




September, 1910, Brenner Oyster Company in Totten Inlet

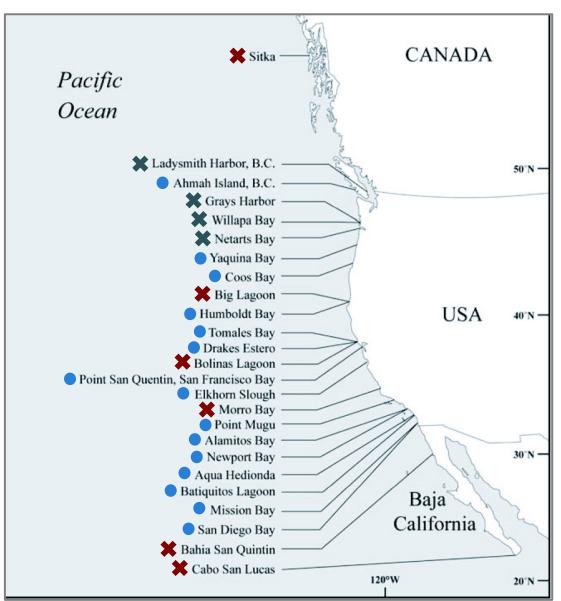
Washington State Historic Society

Olympia oyster populations declined rapidly in early 1900's

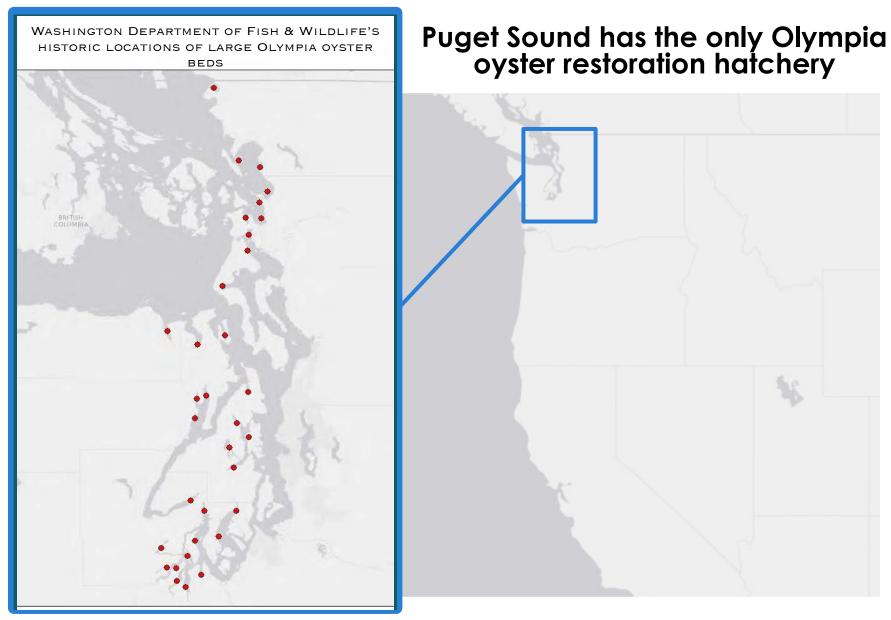


2005/2006 Surveys, Olympia oyster distribution

- **X** All Absent
- Intertidal Absent
- Present







Peabody & Davis, Puget Sound Restoration Fund, 2015

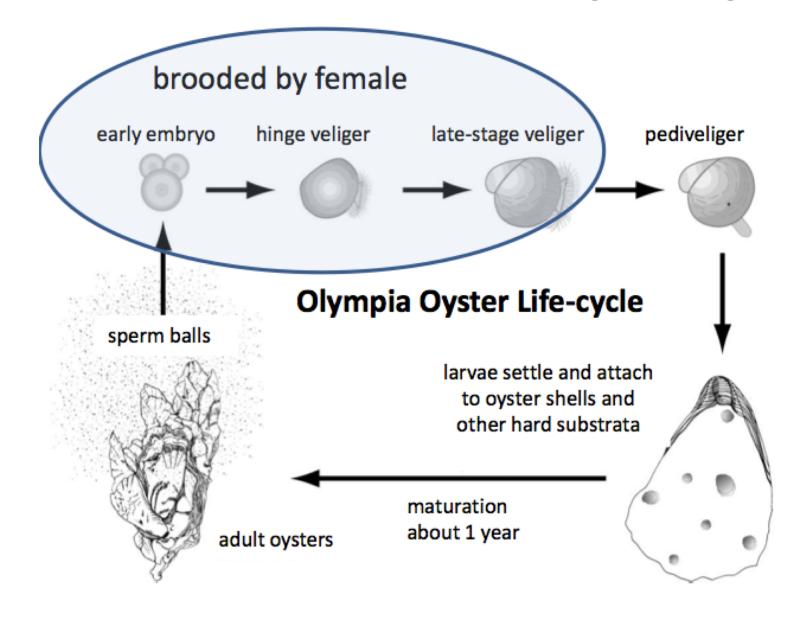
Hatchery production by Puget Sound Restoration Fund, NOAA



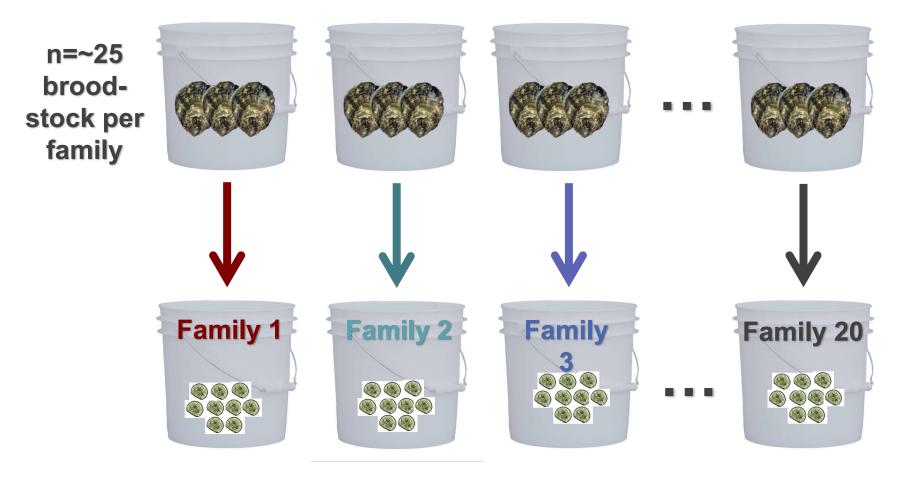




Larvae brooded to late-stage veliger

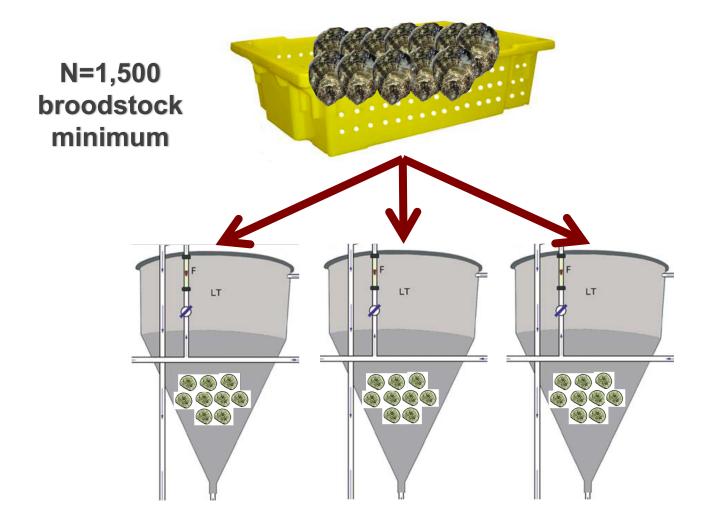


Breeding method 2010 - 2014

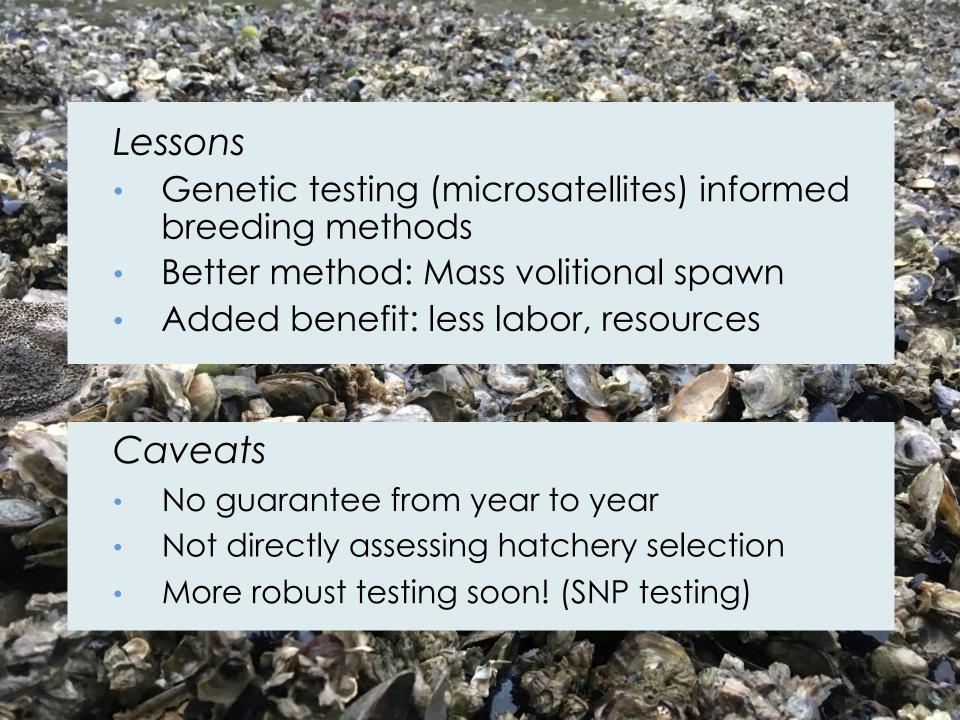


Separated broodstock & larvae, "Bucket" method

Breeding method 2015 - present



Mass volitional spawn, no larvae separated





My research on Olys

Environmental influences on reproduction, offspring viability

- Broodstock pre-conditioning ~ larvae
- Subpopulation & family differences
- Carry-over effects: offspring phenotype & response to stress













- Molluscan Team & everyone else @ PSFRI
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- NSF GRFP
- NOAA & PSRF
- Roberts Lab @ UW

