

The Genomic Variation Lab: Genetic Tools to Improve Aquatic Species Conservation



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CMSI Symposium



Collaborators/Stakeholders



FRASER RIVER STURGEON
CONSERVATION SOCIETY



Spokane Tribe
of Indians

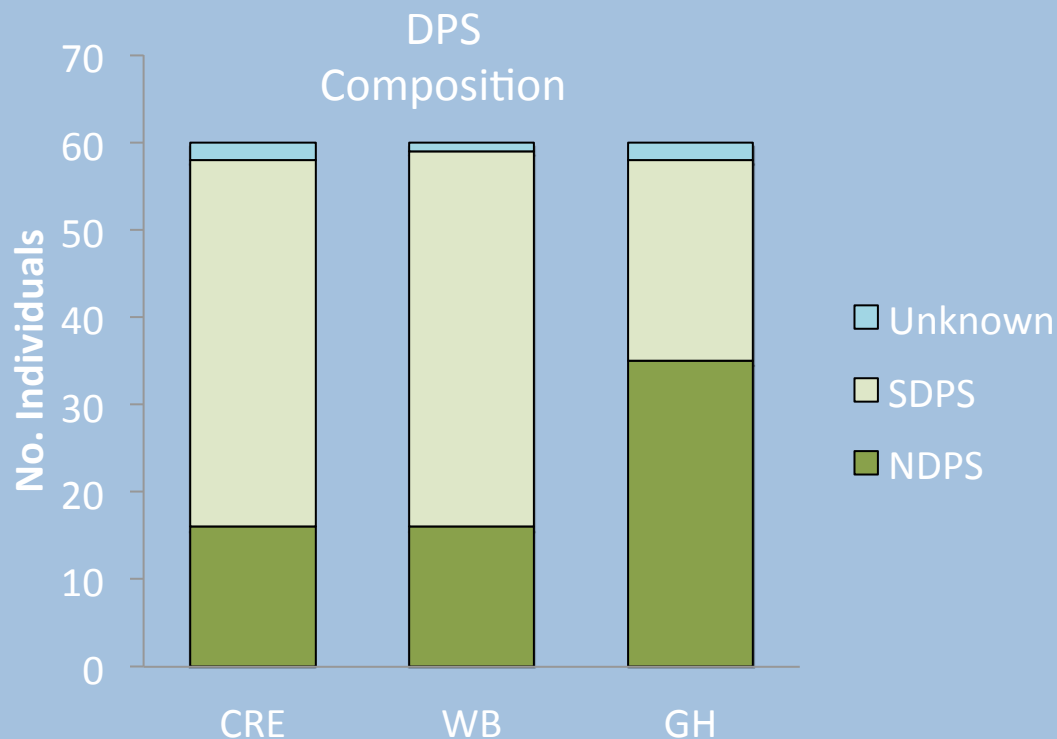


DELTA STEWARDSHIP COUNCIL



Sturgeon Research Program

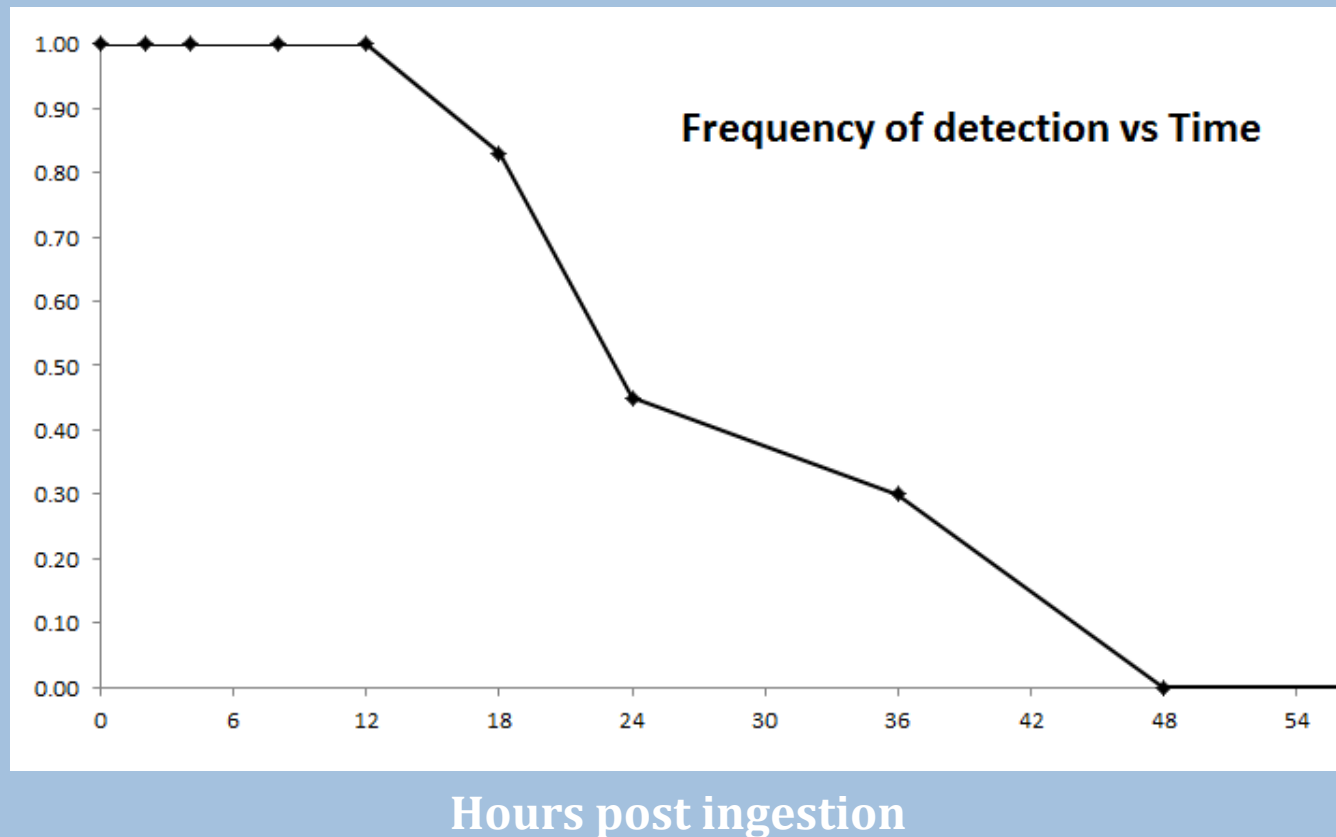
- Marker development
- Conservation genetics
- Spontaneous autopolyploidy



Schreier et al., in prep

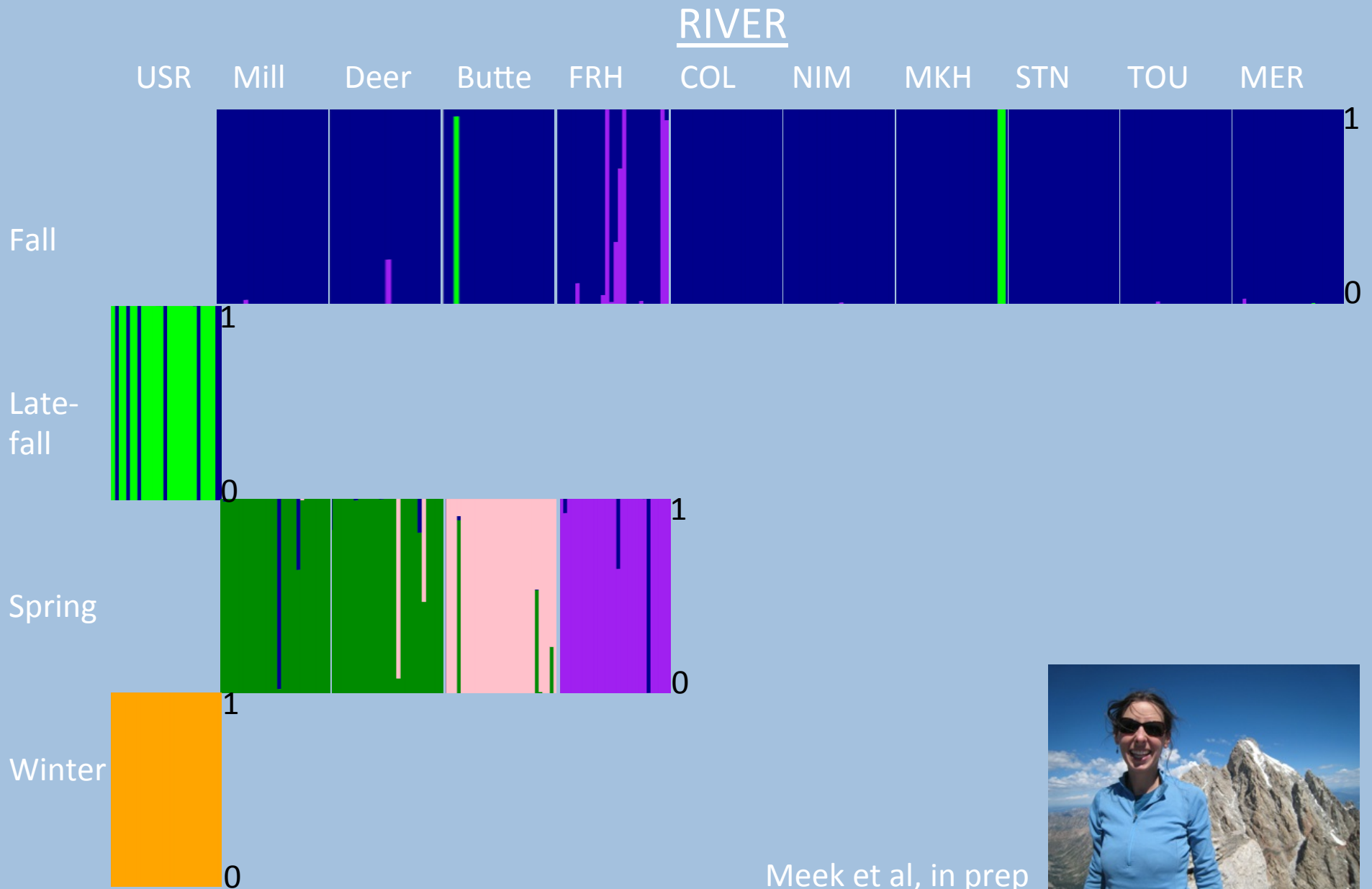
Genetic Diet Analysis of Bay Delta Piscivores

- What's eating delta smelt and juv. salmon?



Brandl et al, unpubl data

New Chinook Salmon SNP panel improves run assignment

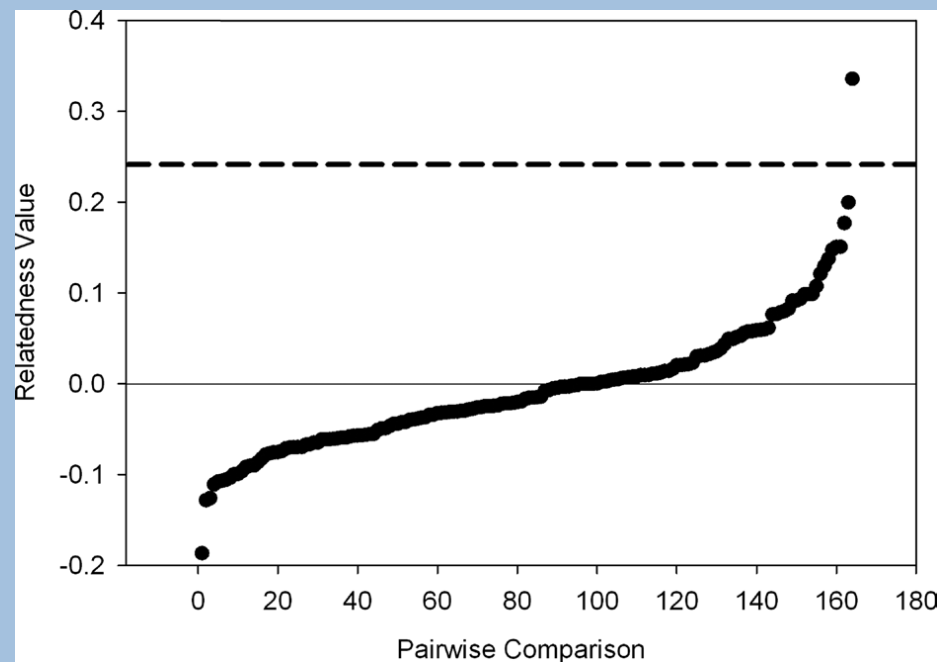


Meek et al, in prep



Delta Smelt Conservation Genetics

- Marker development
- Genetic monitoring of refugial population
- Population monitoring



Future Directions

- Sturgeon genomics
- Sex marker development
- eDNA/metabarcoding
- Epigenetics

