

Impact of Large-Scale Habitat Restoration on Non-native Juvenile Salmonid Predators

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Off-channel
habitat restoration
reduces salmonid
predator density

BACKGROUND

- Historic mining on lower Yuba River
- The Hallwood Side Channel and Floodplain Restoration Project aimed to restore ecosystem function to off channel habitat
- Goal: reduce non-native predators

METHODS

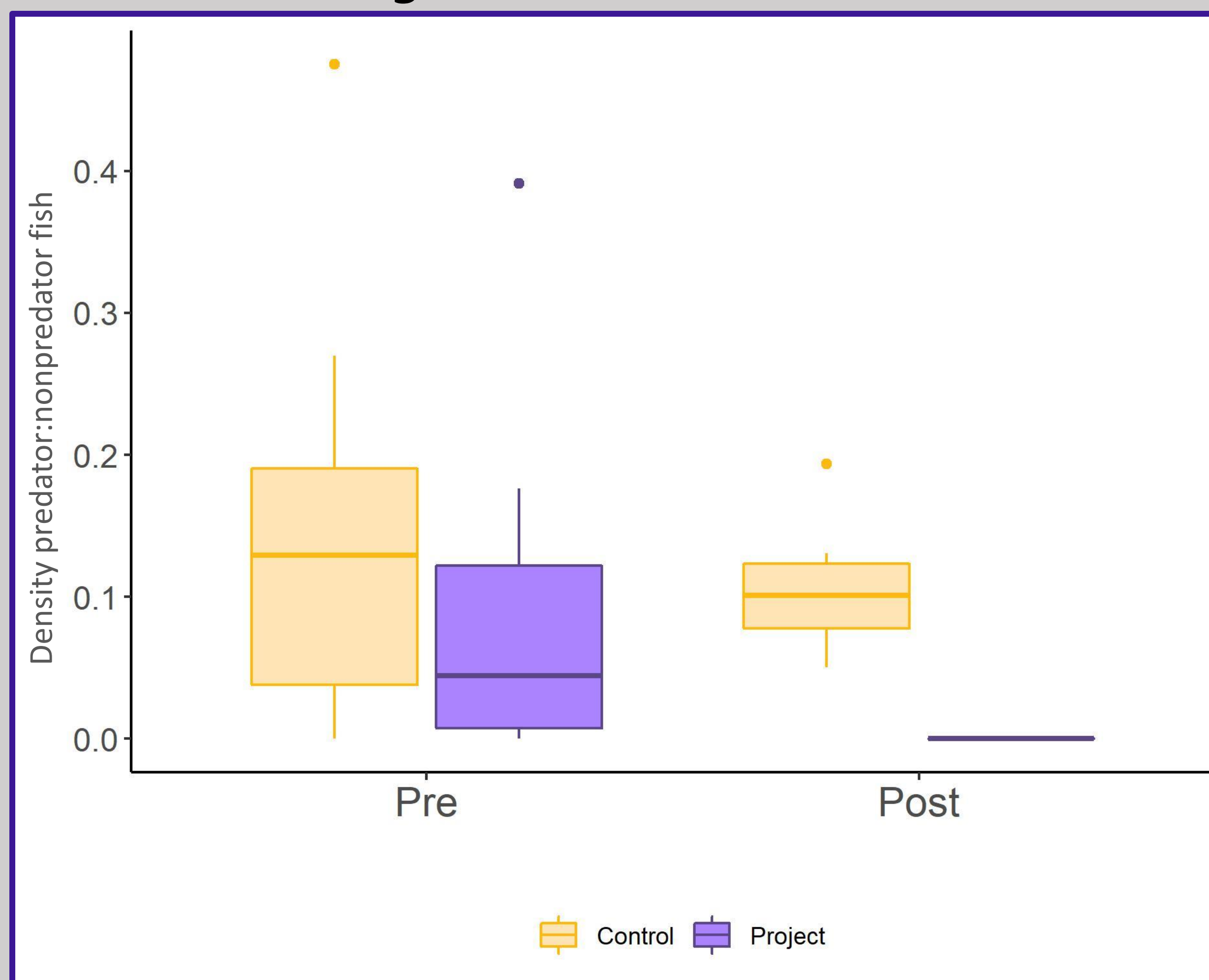
- Seine predator community
- Sample potential predator stomachs
- Tagged hatchery salmon

CONCLUSION

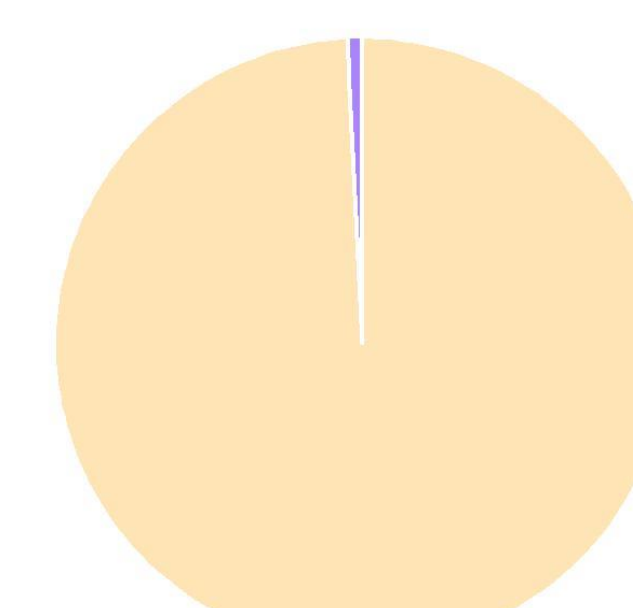
- Eliminated potential predators
- Adjusting sampling to target direct predation
- Predators are also potential competitors
- Three additional years of monitoring scheduled

RESULTS

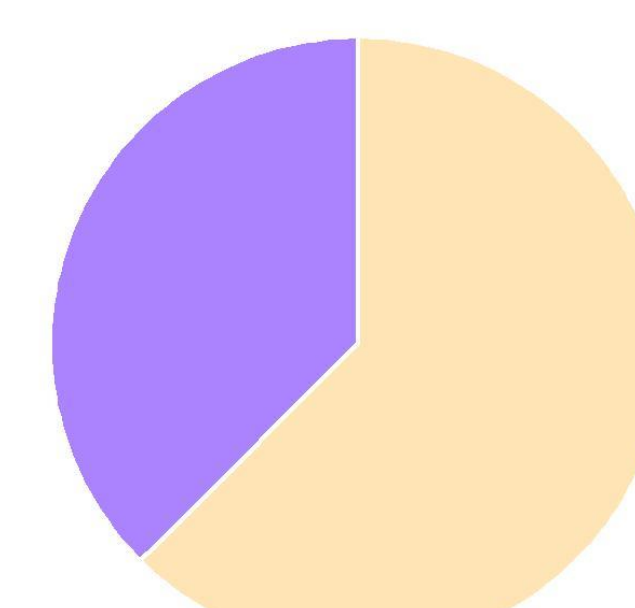
Predator Seining



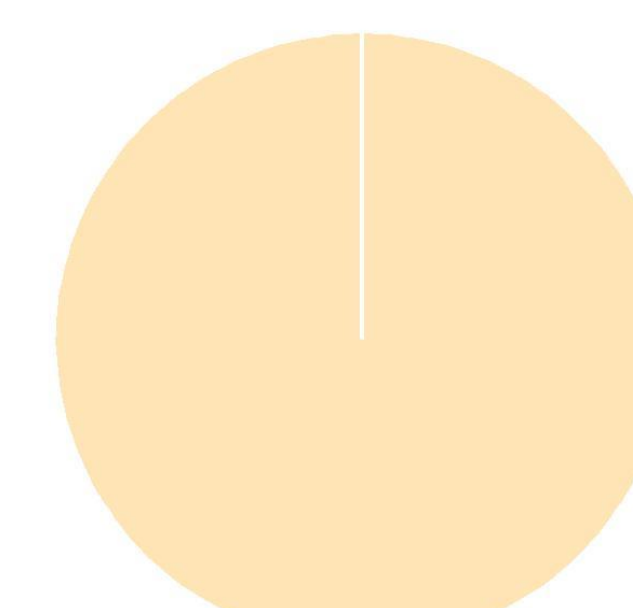
Gastric Lavage



Sunfish



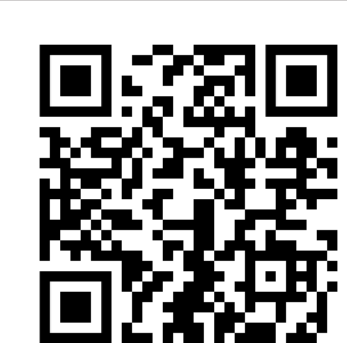
Black Bass



Pikeminnow

Legend: Fish (Purple), Invertebrates (Orange)

For more information on the Hallwood Side Channel and Floodplain Restoration Project, Scan Here



Acknowledgements

