



Lees Ferry Spring Monitoring —

Trip Report

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April TWG Meeting 2021

Electrofishing

- March 10-12, first of three seasonal trips
- 3 nights monitoring – randomly selected 250m sites throughout Lees Ferry
- Sampled 32 sites

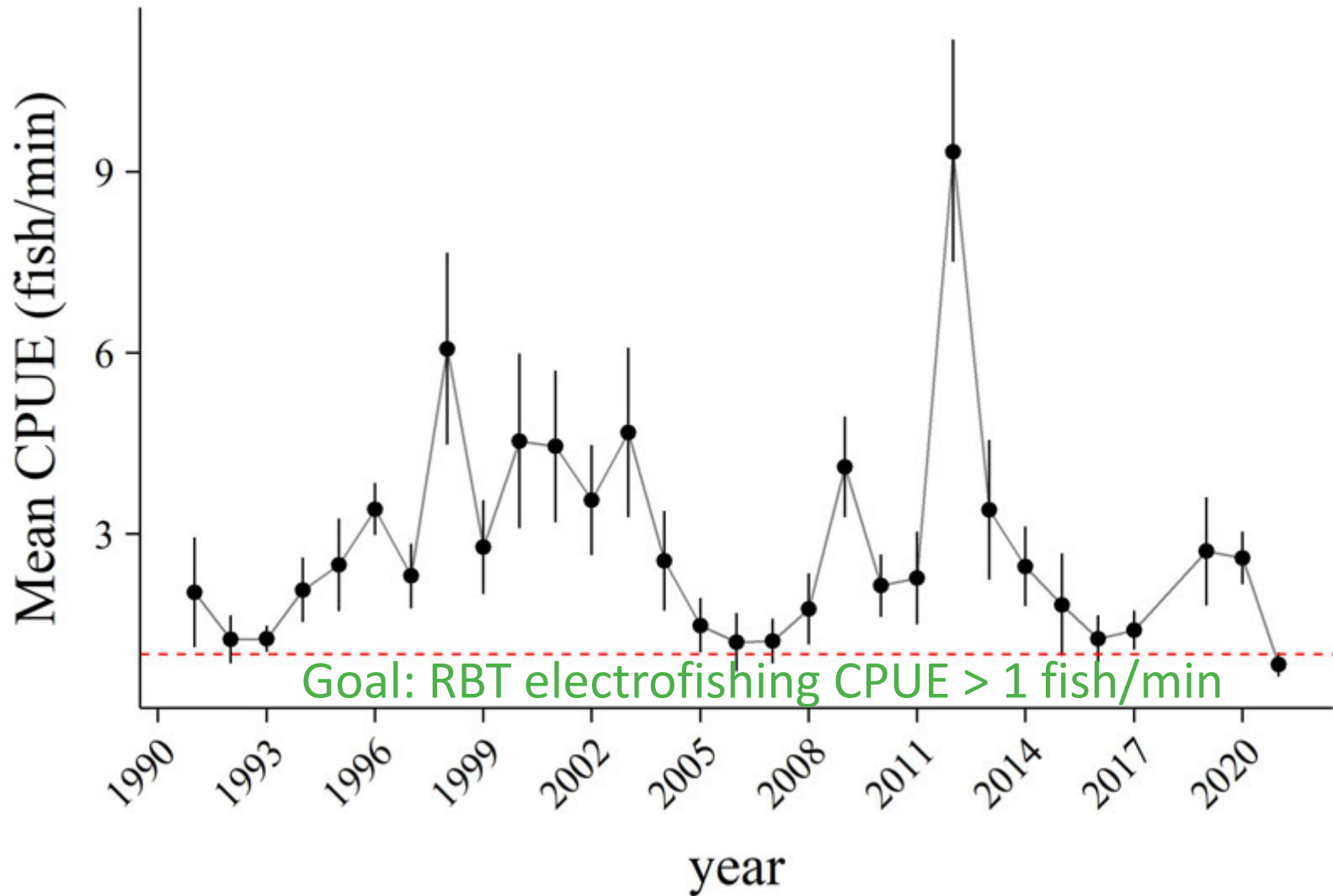


Catch

Species	CPUE (fish/min) [95% C.I.]	Count	% of Catch
Rainbow Trout	0.829 [0.632, 1.03]	226	65.6
Brown Trout	0.406 [0.301, 0.511]	113	32.7
Flannelmouth Sucker	NA	4	1.1
Common Carp	NA	2	0.6

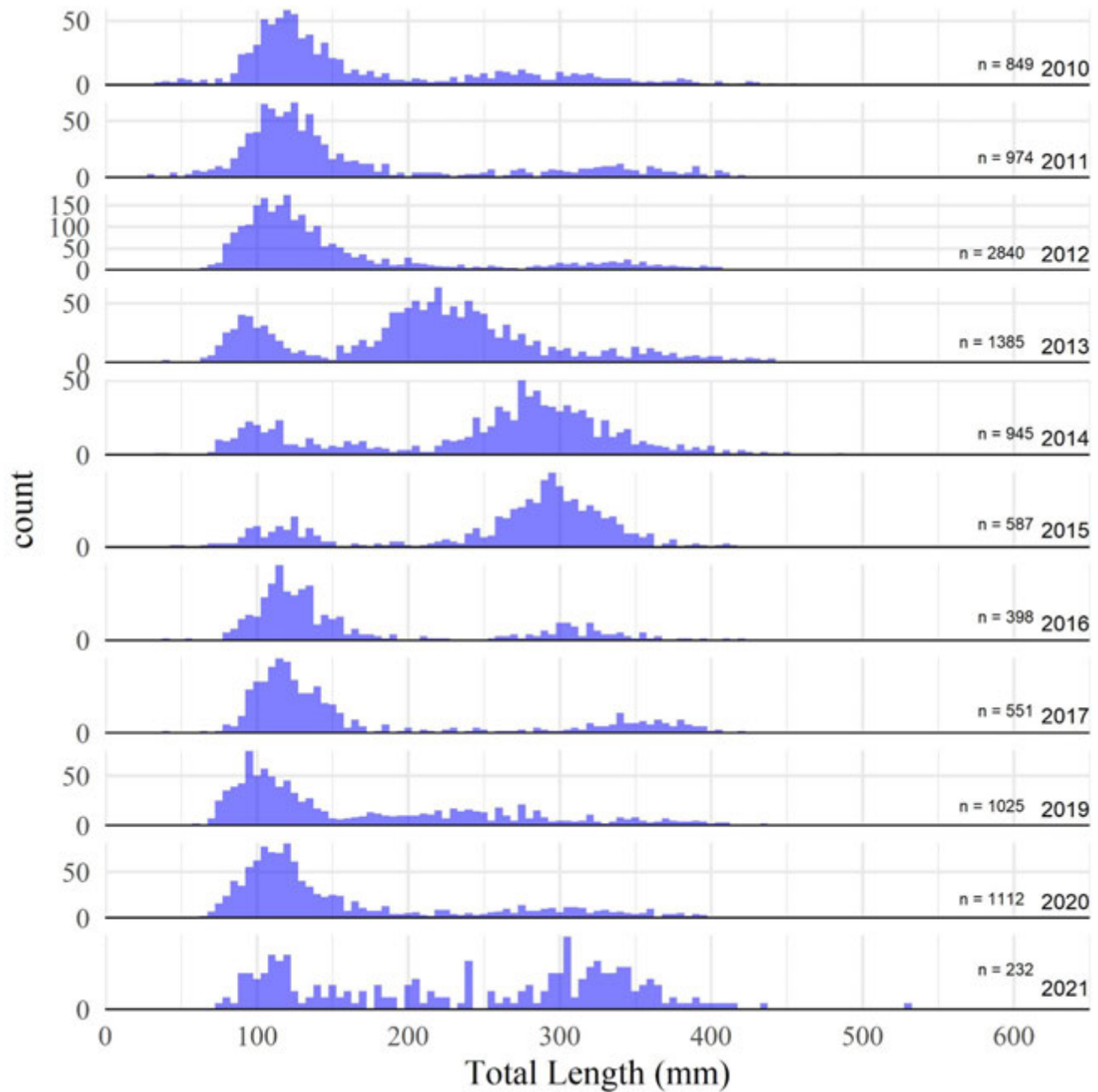


Rainbow Trout CPUE -Spring

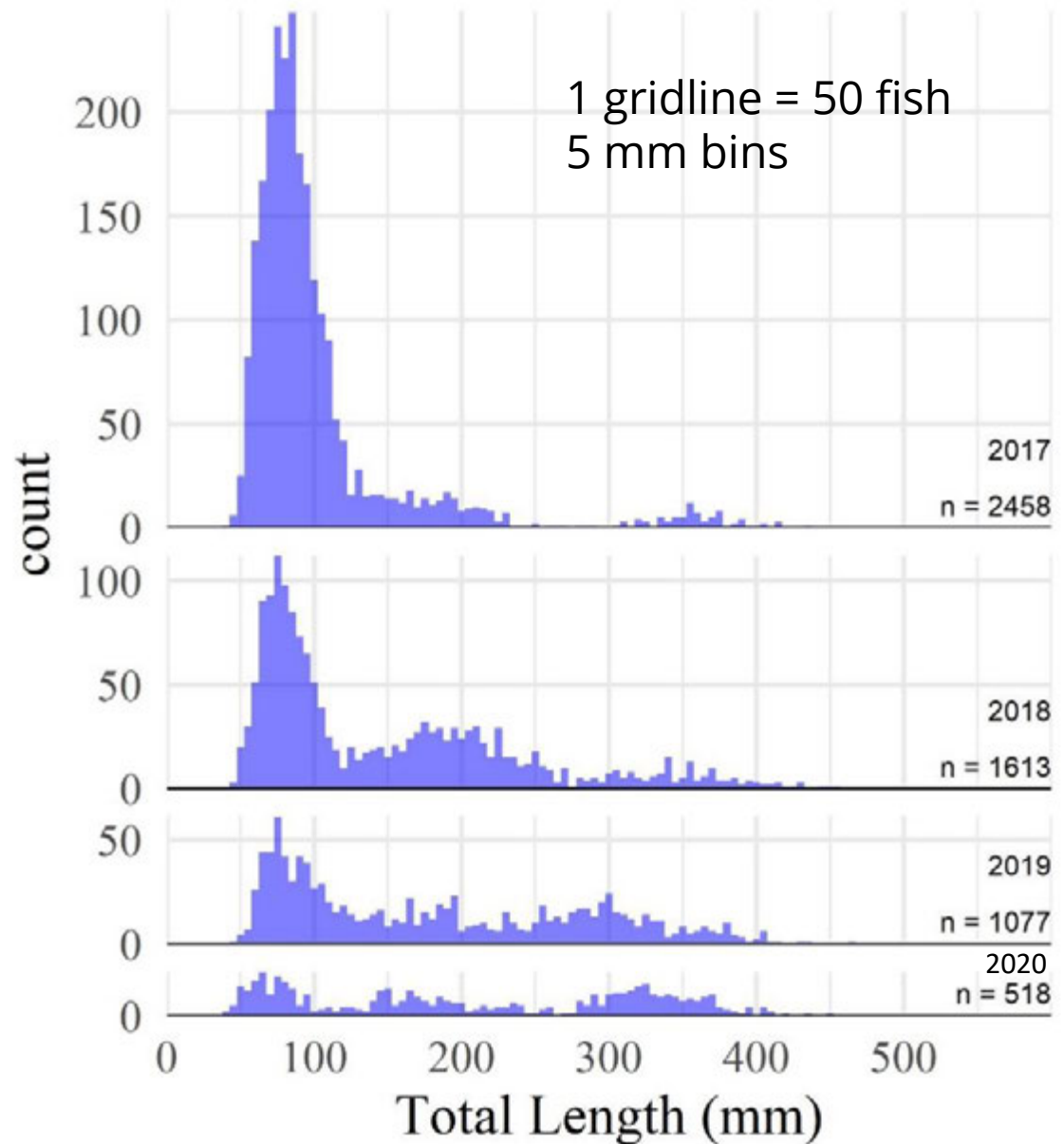


Goal: RBT electrofishing CPUE > 1 fish/min

Rainbow Trout Lengths - Spring



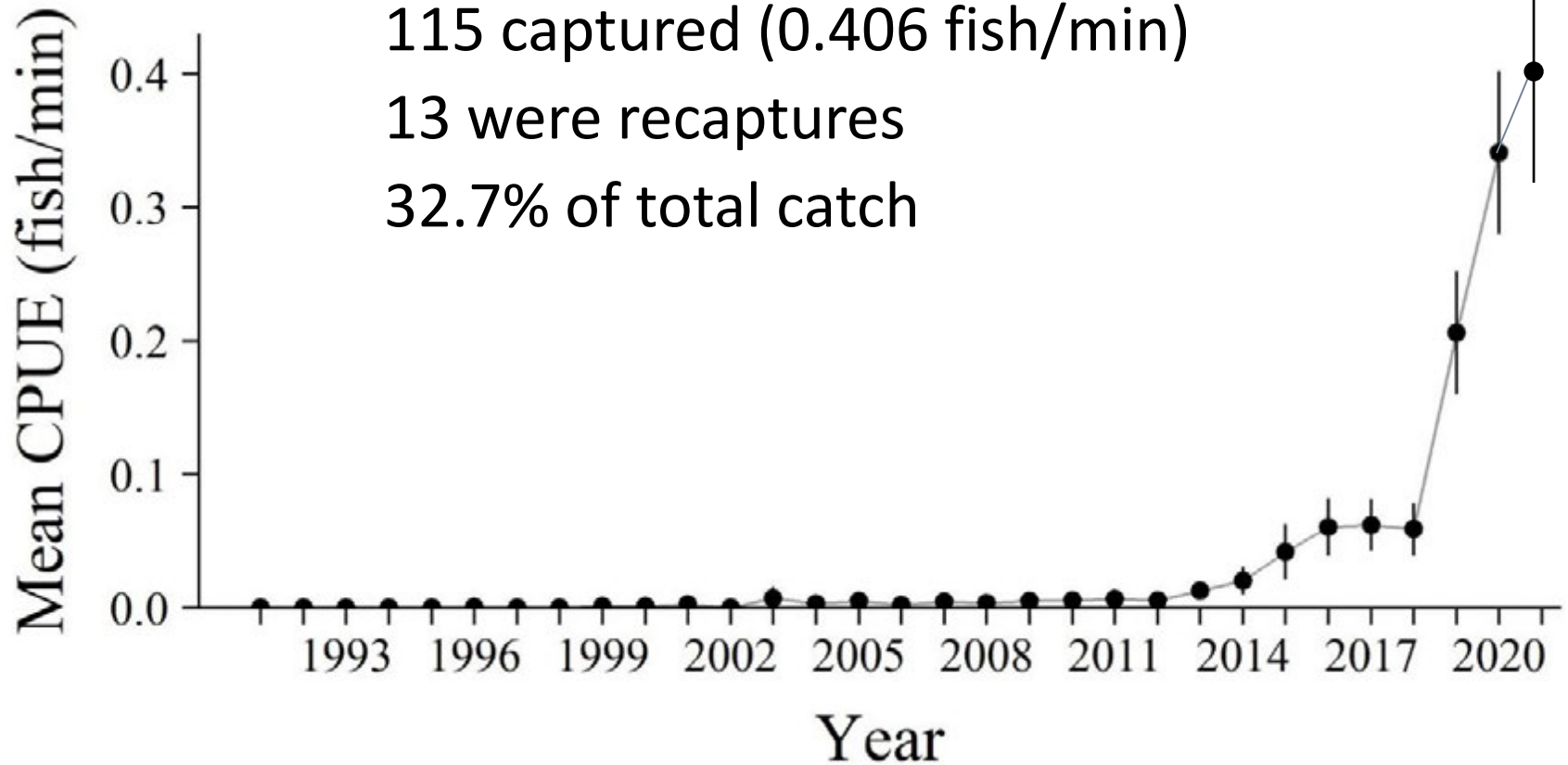
Rainbow Trout Lengths - Fall



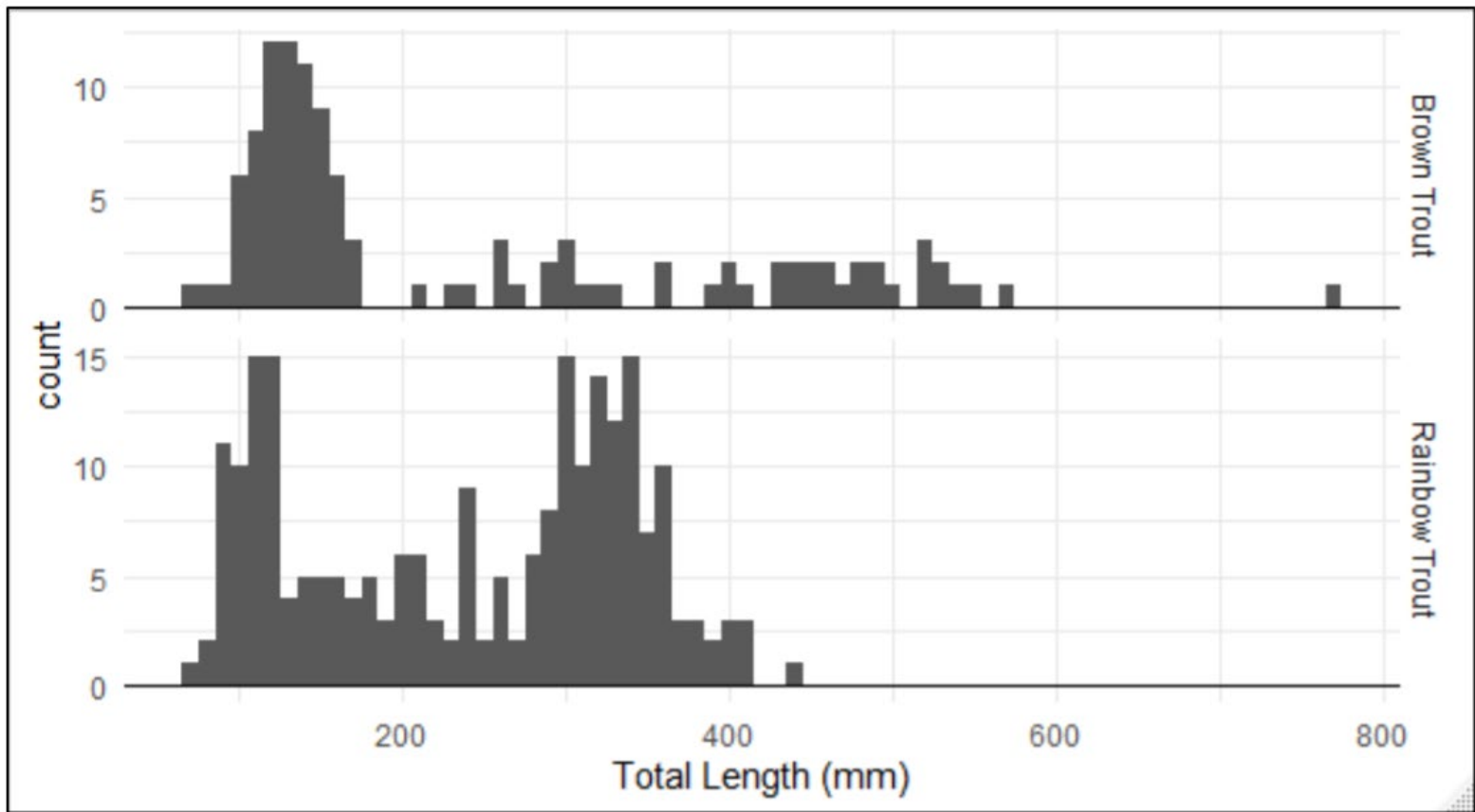
Brown Trout



Brown Trout



Trout Length Comparison by Species



Summary of Results

- Lowest spring CPUE for Rainbow Trout since monitoring was standardized in 1990
 - Few juvenile Rainbows in system
 - Lack of Spawning? Brown Trout predation? Displacement? Foodbase?
 - Adults in relatively good condition
- Small increase in relative abundance of Brown Trout
 - % of catch increase factor of low Rainbow Trout abundance
 - Large recruitment class from 2019
 - Lower recapture % observed
- No other rare non-natives



Questions?