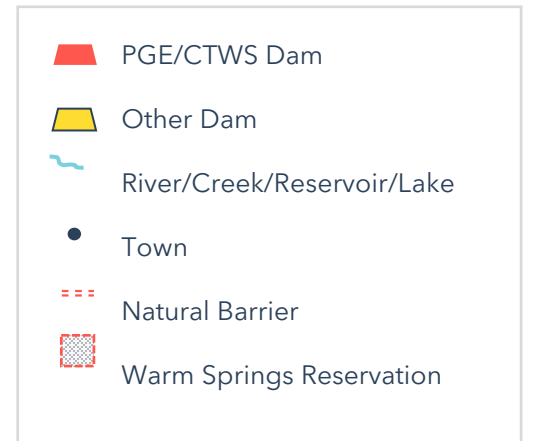


Guiding the Next Generation: Fish Passage in a Complex System

Rebekah Burchell, Aquatics Supervisor
July 2026 | PRB Fisheries Workshop

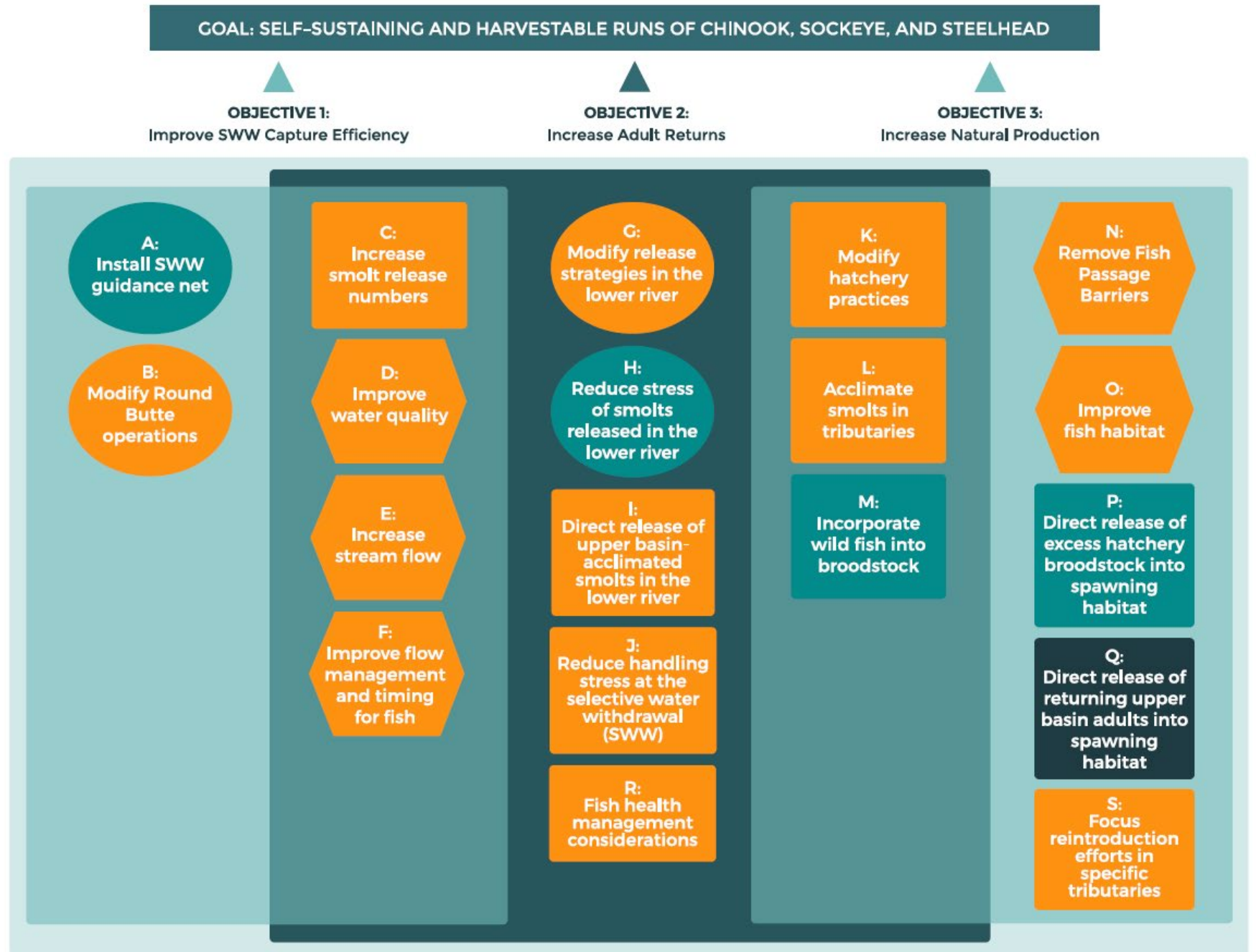




On-line version includes:

- Description
- Anticipated Outcome
- Evaluation Method
- Timeline
- Lead organization or agency
- Fish Committee role
- Relevant studies, actions, decisions

www.prbfishcommittee.com





SWW (smolt collection)



Pelton Adult Trap



Adult Release Facility



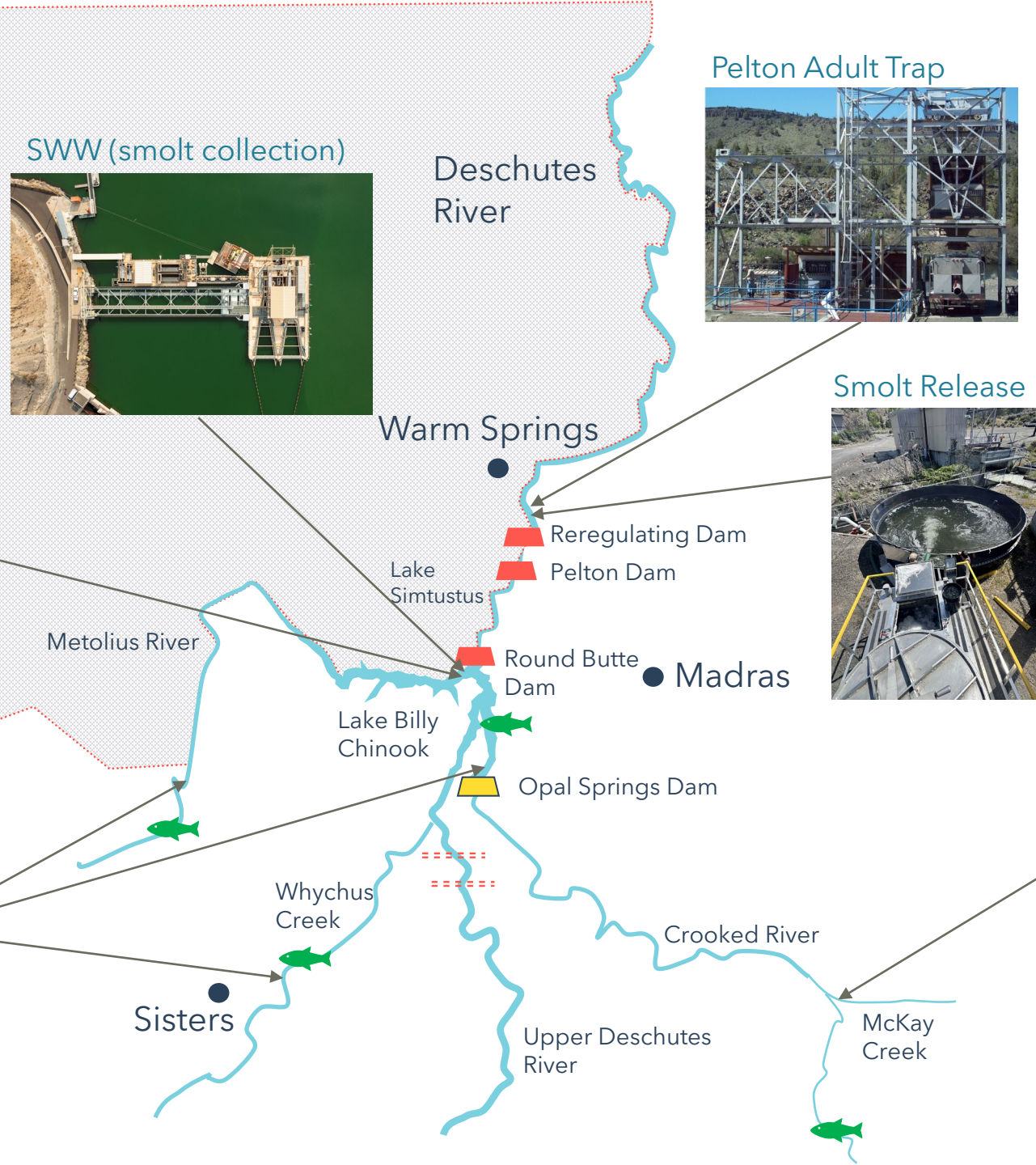
Smolt Release



Smolt acclimation sites



Smolt acclimation sites within Ochoco and McKay creeks



- PGE/CTWS Dam
- Other Dam
- River/Creek/Reservoir/Lake
- Town
- Natural Barrier
- Warm Springs Reservation
- Adult Release Locations

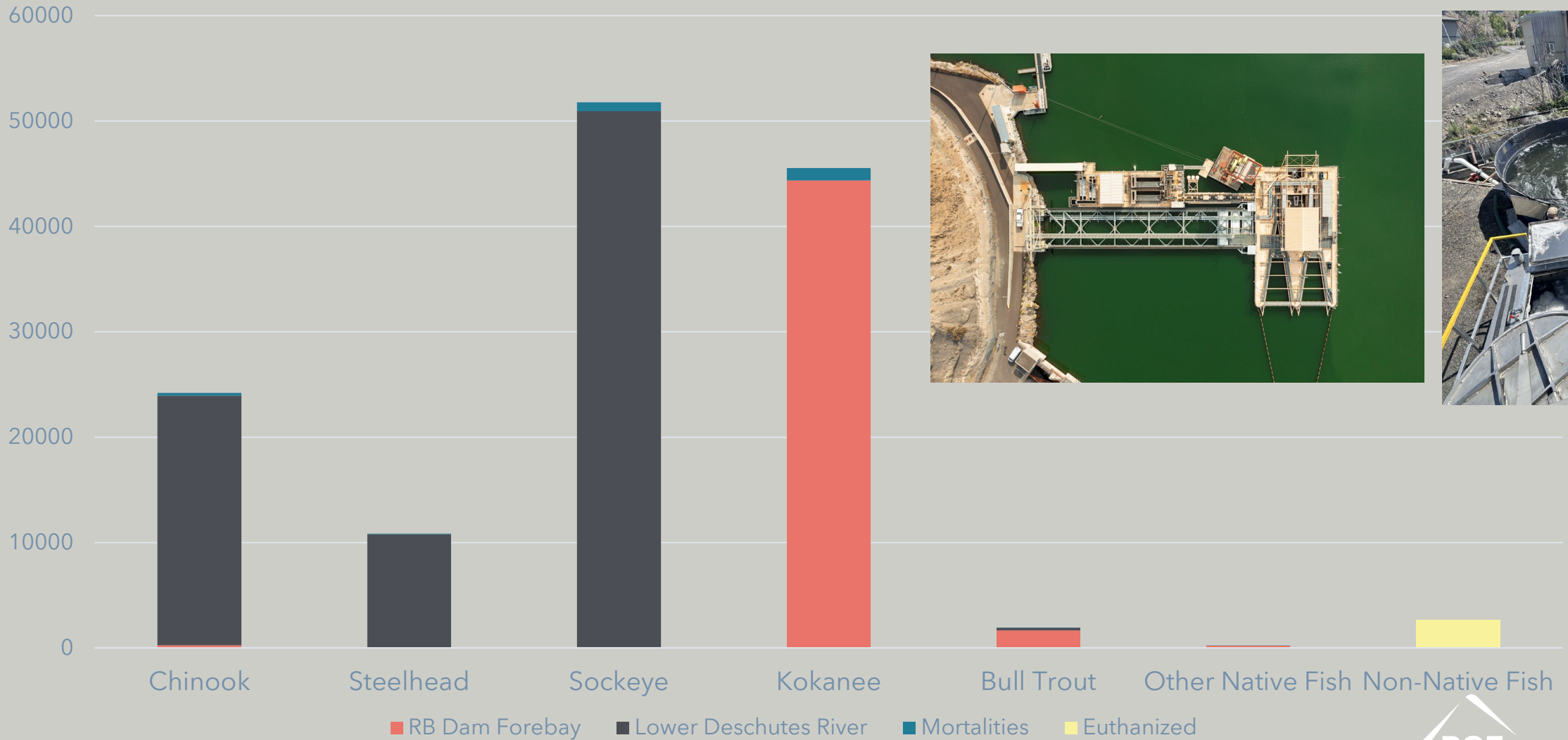
Outline



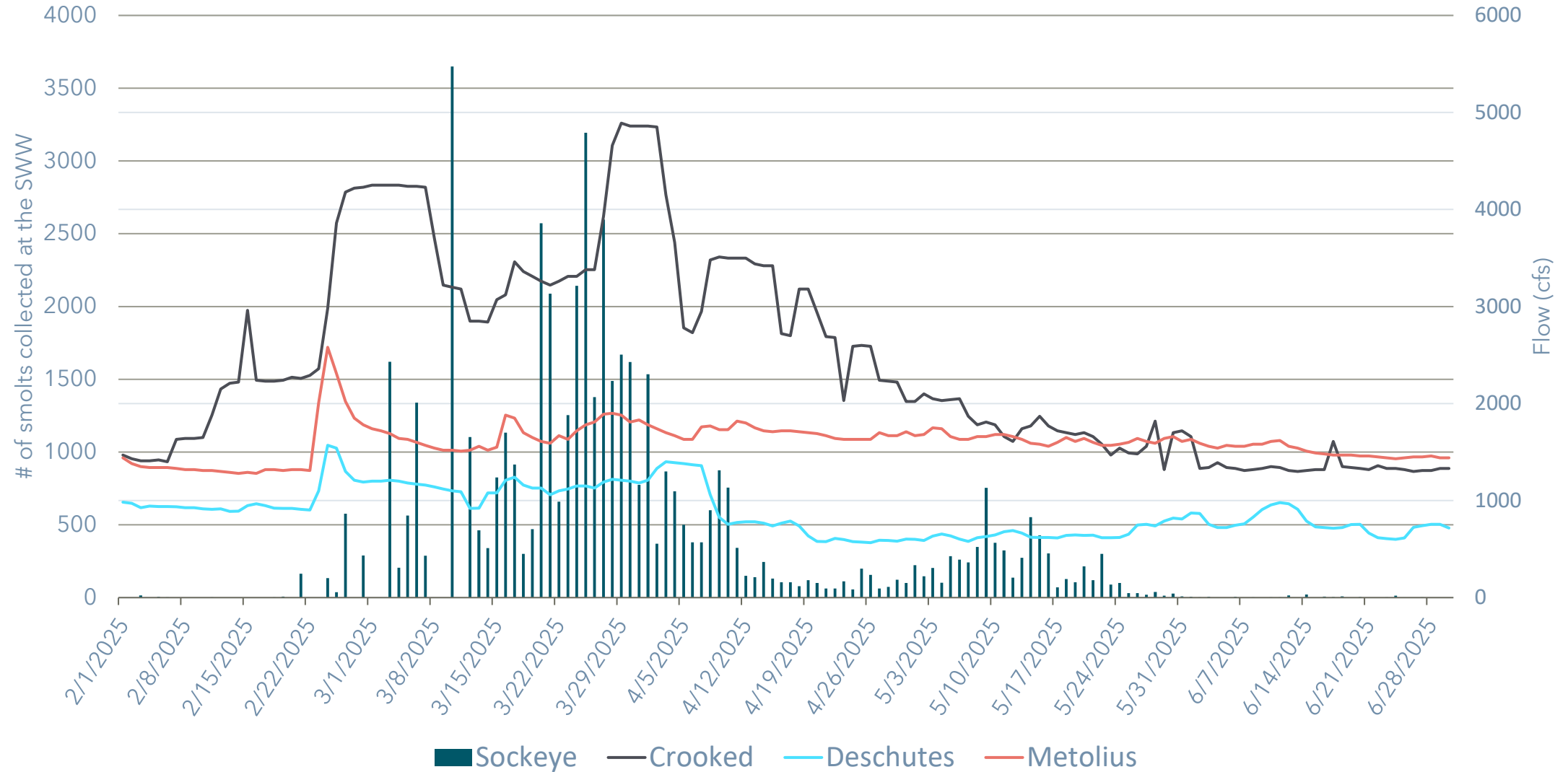
- SWW Collection Numbers
- Timing into SWW
- Reservoir Collection Efficiency
- Smolt Collection Breakdown
- SWW Survival



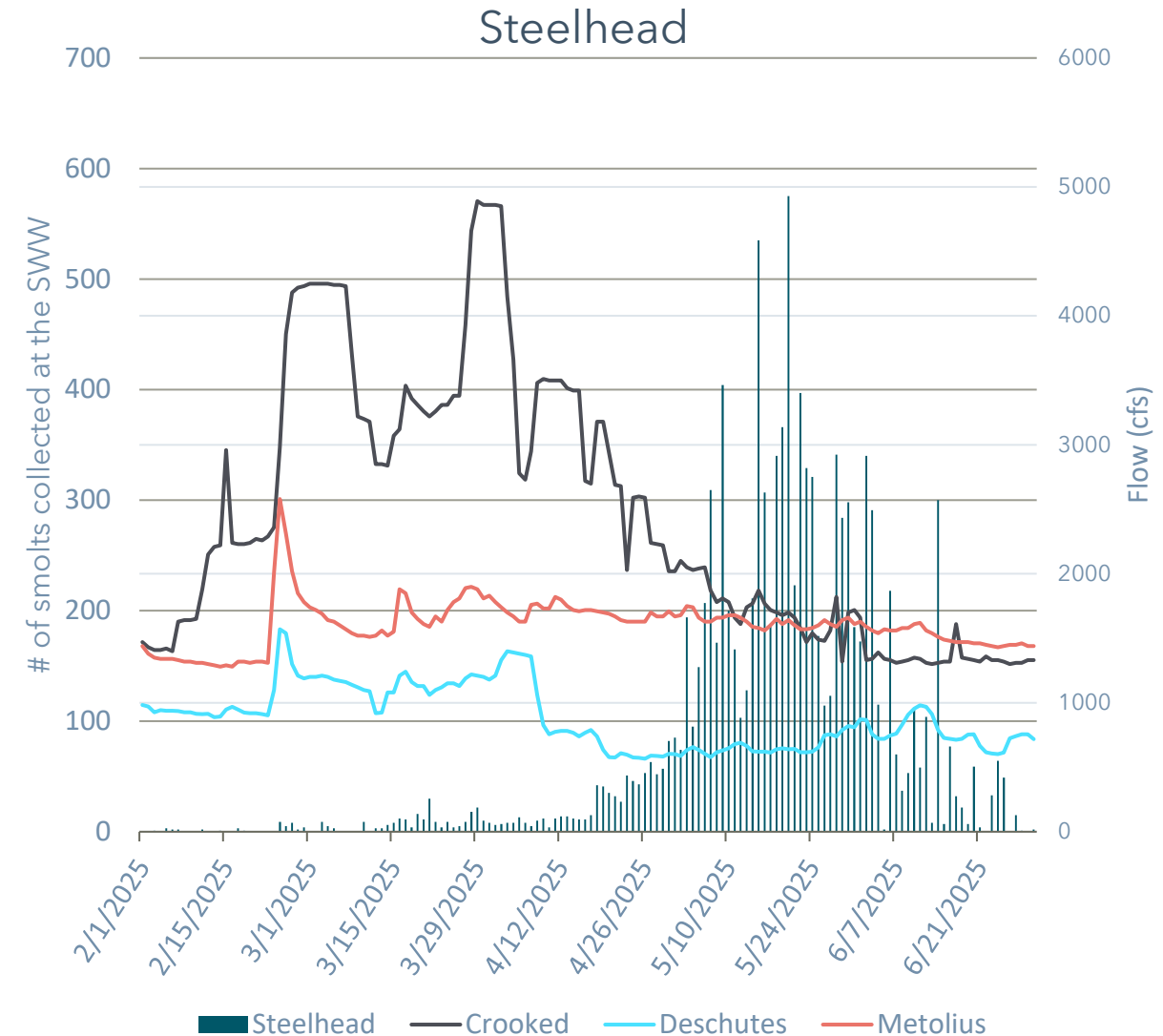
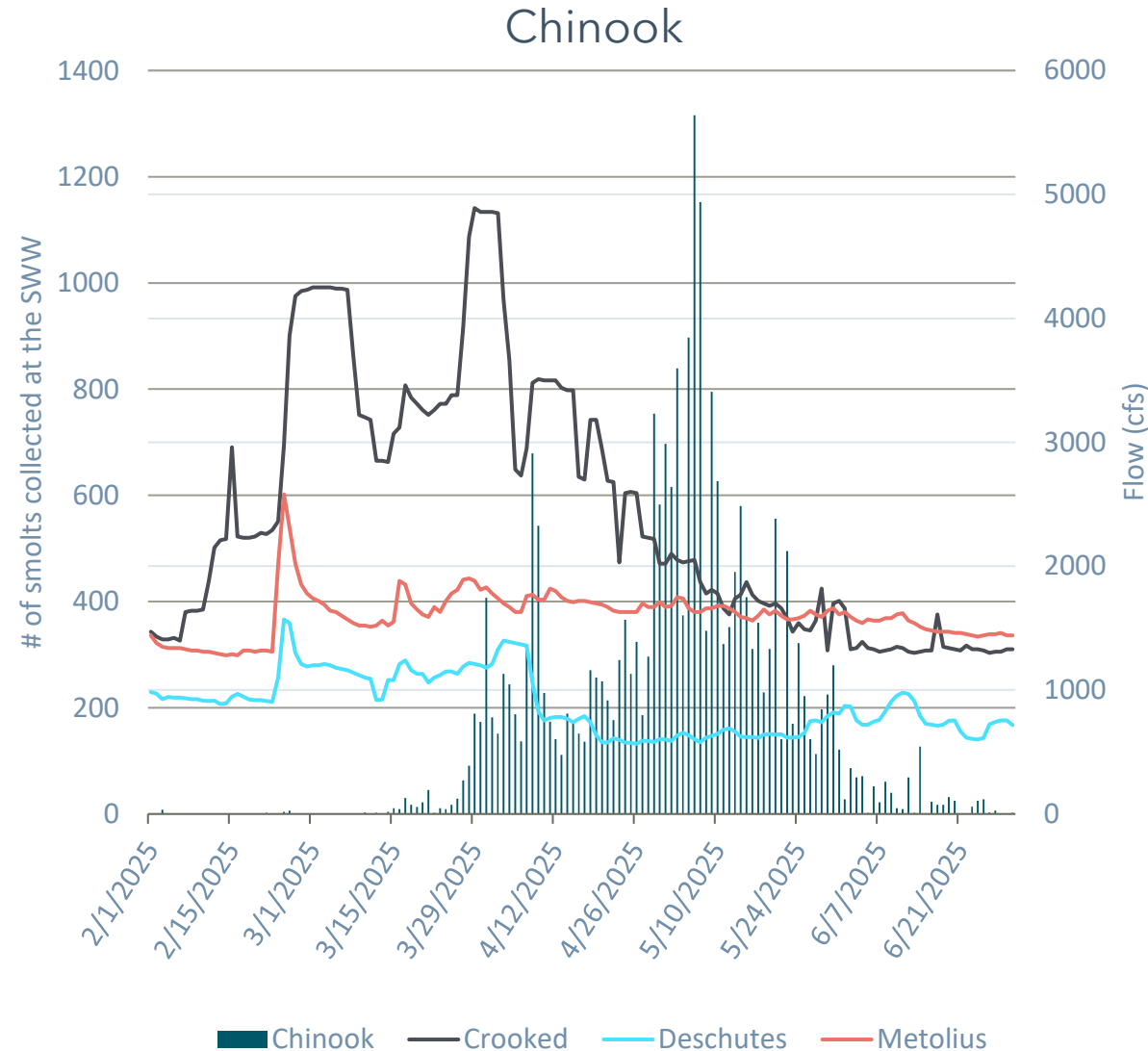
2025 SWW Collection Numbers



2025 Timing of Smolts into SWW



2025 Timing of Smolts into SWW

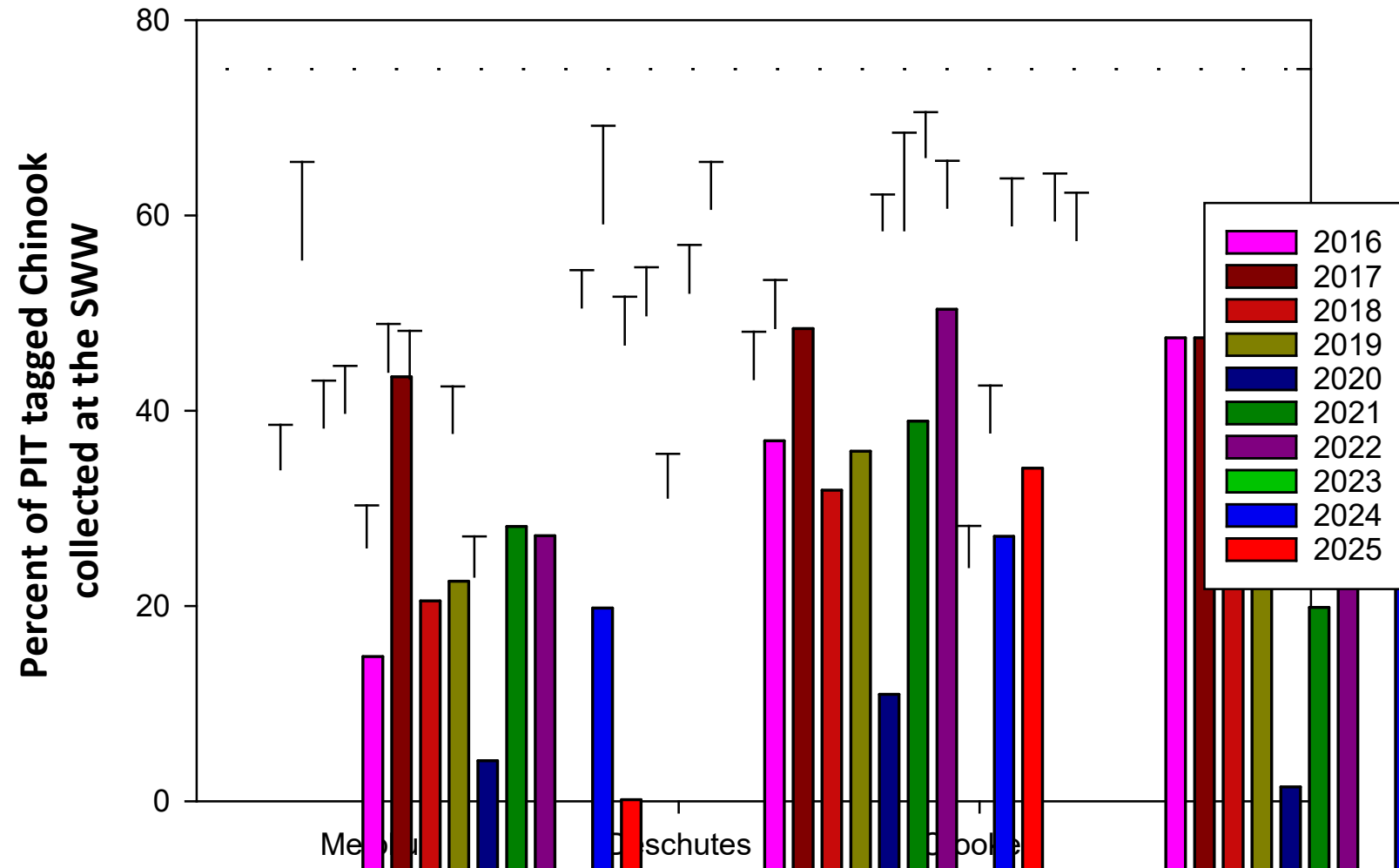


2025 Reservoir Capture Efficiency (Chinook)

Release Site	Number PIT tagged	Number PIT tags collected (SWW)	Distance to SWW (Km)	Percent Collected	95% CI
Metolius River Arm	400	92	20	23.0	19 - 27%
Deschutes River Arm	400	194	13.0	48.5	44 - 53%
Crooked River Arm	400	239	13.0	59.8	55 - 65%



Reservoir Capture Efficiency (Chinook)

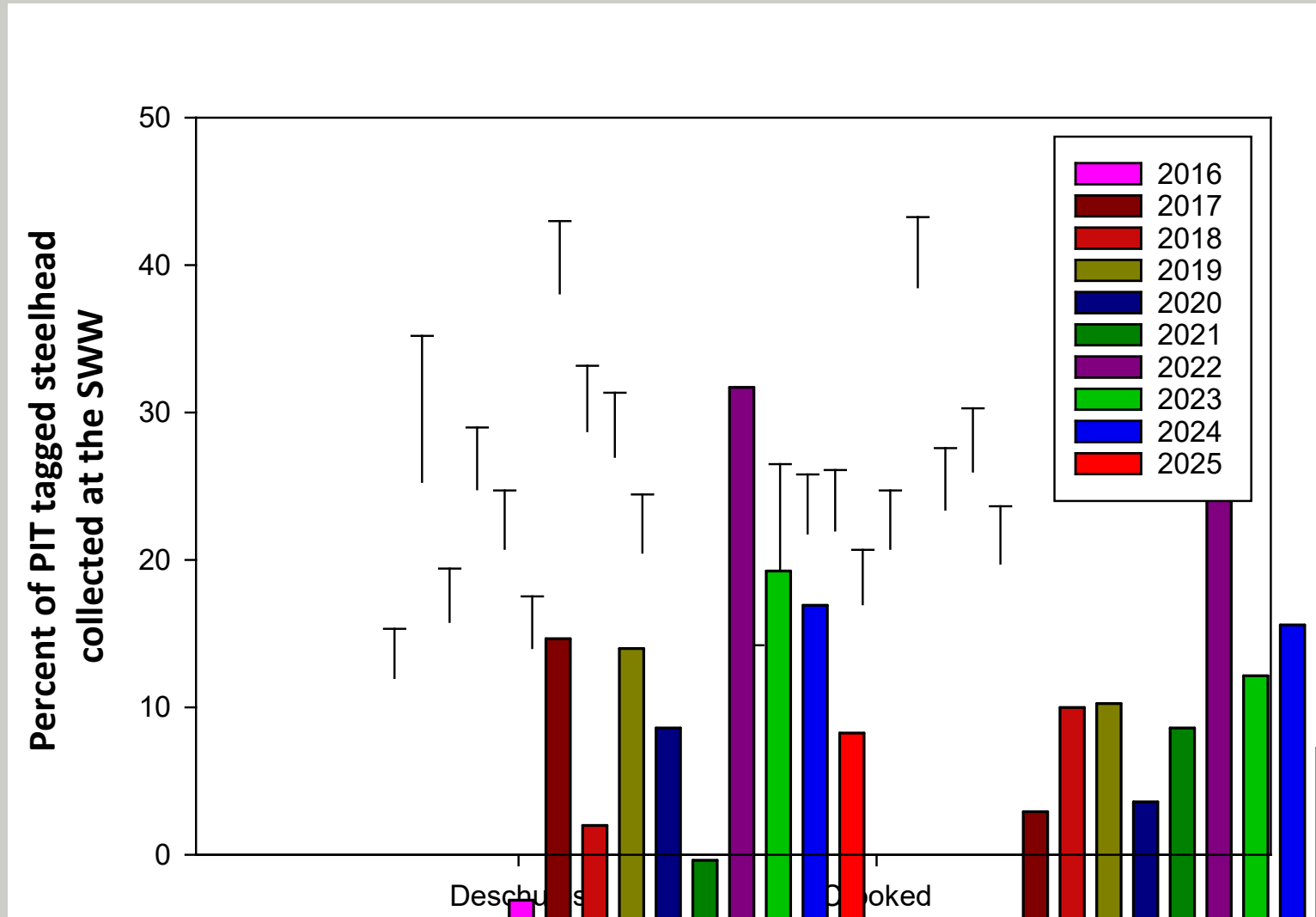


2025 Reservoir Capture Efficiency (Steelhead)

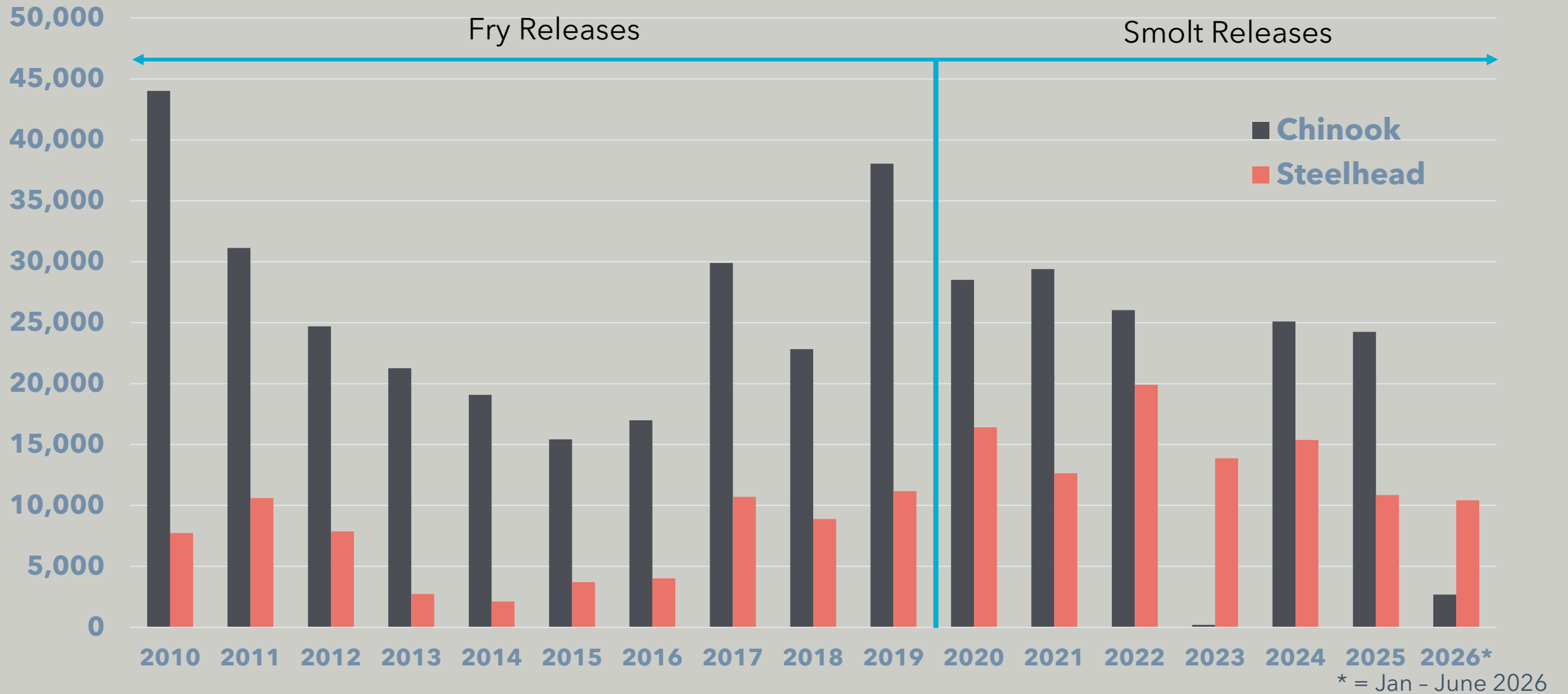
Release Site	Number PIT tagged	Number PIT tags collected (SWW)	Distance to SWW (Km)	Percent Collected	95% CI
Deschutes River Arm	400	82	13.0	20.5%	17 - 24%
Crooked River Arm	400	79	13.0	19.8%	16 - 24%



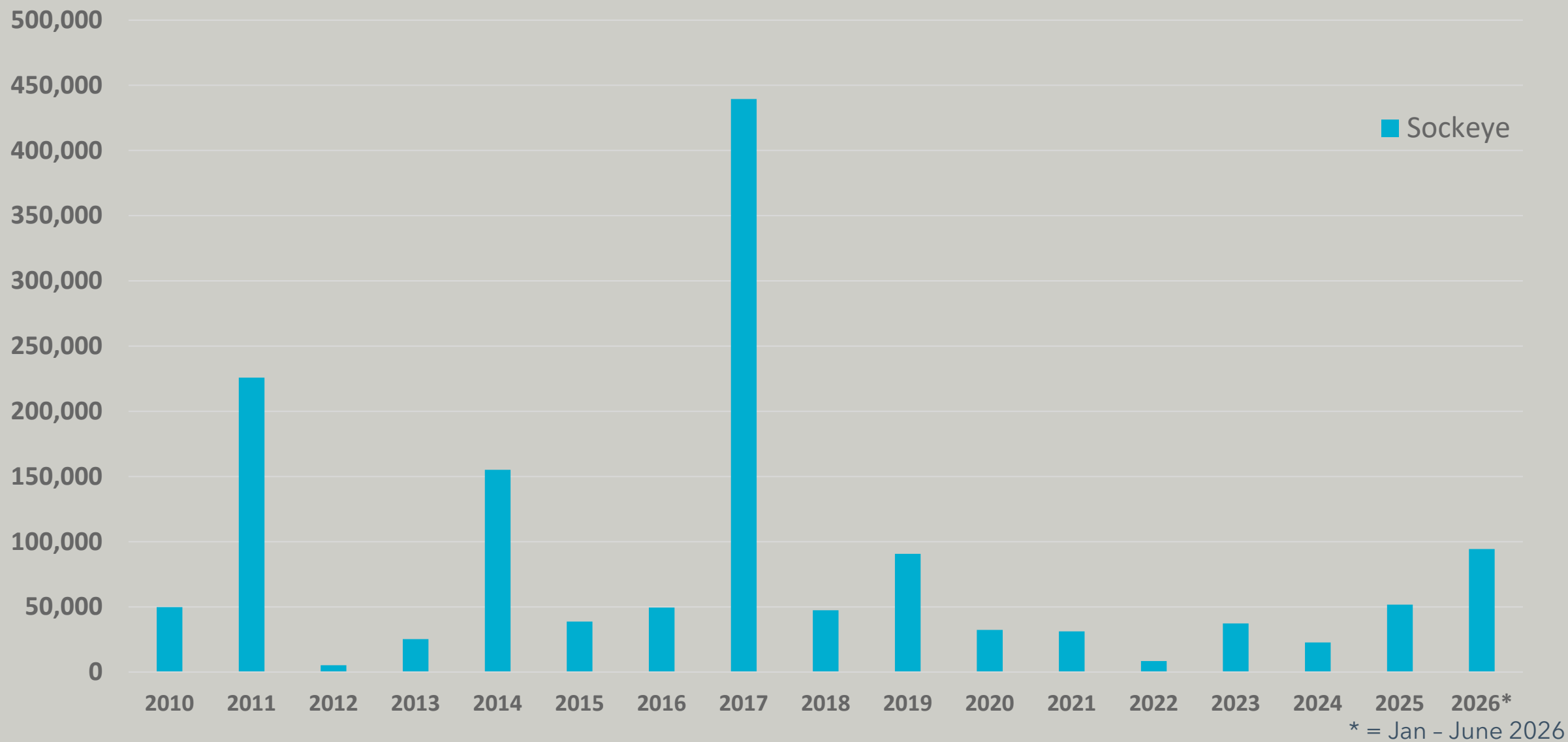
Reservoir Capture Efficiency (Steelhead)



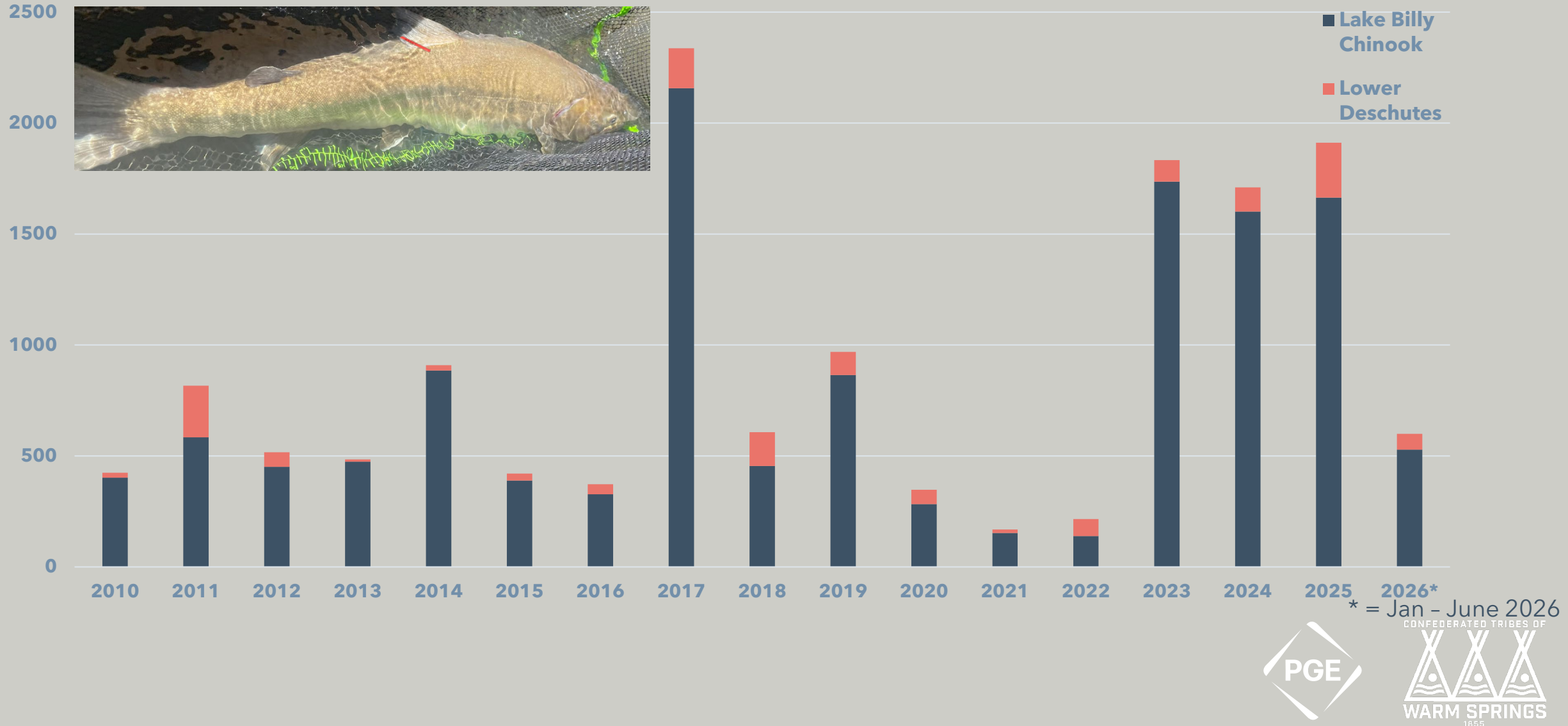
2010 - 2026 SWW Smolt Collection



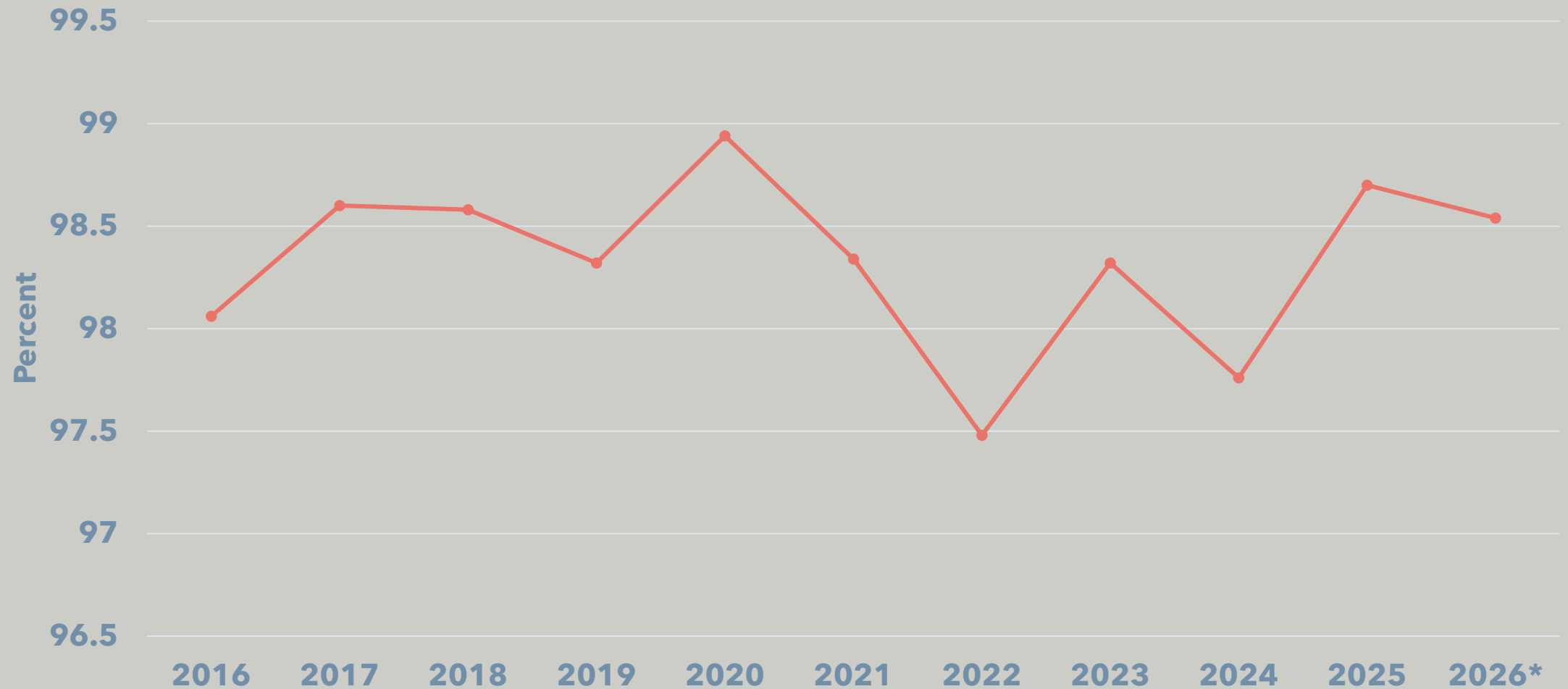
2010 - 2026 SWW Smolt Collection



2010 - 2025 SWW Bull Trout collection



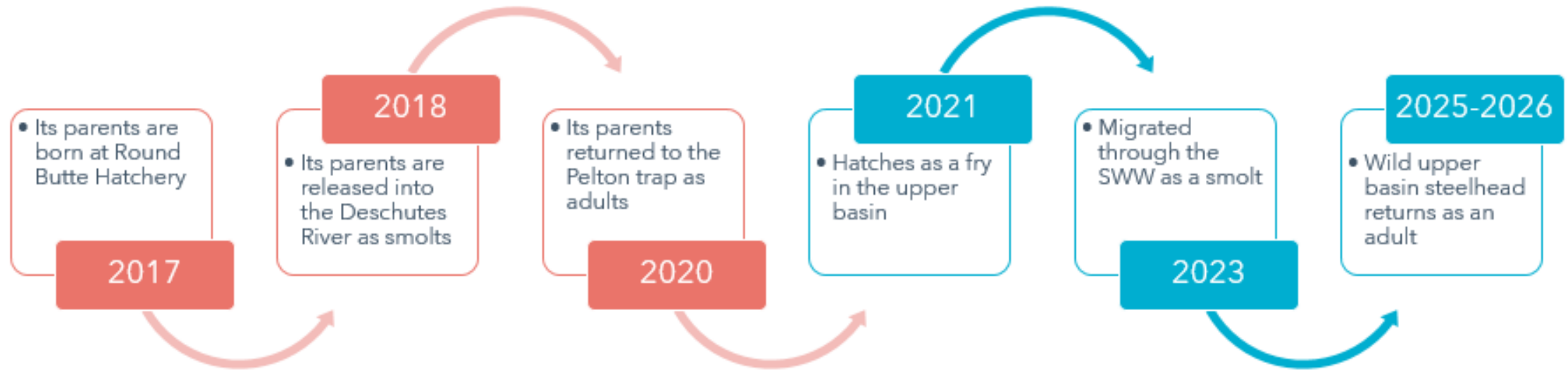
Average Percent Survival through SWW



—●— Avg. Survival (Bull Trout, Kokanee, Sockeye, Steelhead, Chinook combined)



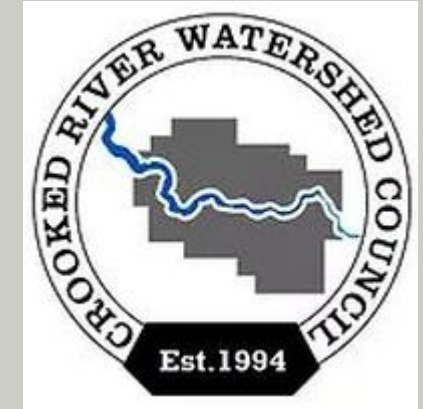
Returning wild adults- 9 years in the making



Shown above is a typical steelhead life history; however, few individuals follow this idealized schedule exactly. Steelhead may spend more or less time at any stage of their life cycle.



Thanks to basin collaborators



Questions

Contact:
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