



Wallowa Hatchery

Open daily 7:30 to 4:30.







Pre-smolts come to Wallowa Hatchery, Little Sheep, & Big Canyon from Irrigon

Send eved eggs to



Canyon, Little Sheep Creek and Wallowa pon

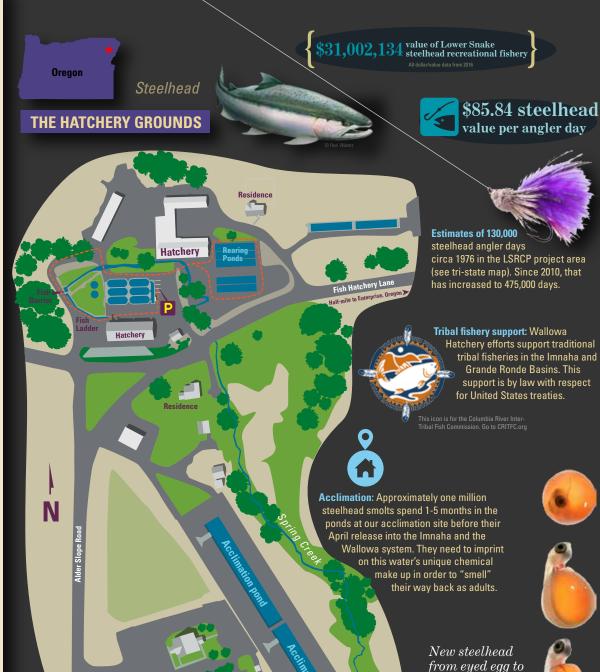




Release prior year's smolts



Prepare for arrival of steelhead adults



hatching sacfry

a.k.a. alevin.



Steelhead Names

It is the legendary "Fish of a Thousand Casts," a.k.a. the gray ghost, ice traveler, salmon trout, or square-tailed salmon. Several names refer to its rugged noggin: hardhead, metal head, and of course steelhead.

Science in 1836 named steelhead Salmo gairdneri after Dr. Meredith Gairdner, physician to the Hudson's Bay Company at Fort Vancouver. The name changed to Salmo iridia in 1855, irideus being Latin word for "rainbow."

Researchers in 1989 demonstrated that steelhead were physically and genetically most like other Pacific salmonids. Thus, steelhead moved from the genus Salmo (brown trout & Atlantic salmon) to that of Oncorhynchus. Oncorhynchus mukiss names steelhead and rainbow trout. Mykiss is Germanized mykizha, the name used 18th century Kamchatka, Russia where the "type specimen" was first described by Western science.

The rich reds. areens and steely blues of steel headinspire artists and anglers alike.



Natural Beauty

The Grande Ronde and Imnaha Rivers receive "summer run steelhead." Unlike their winter counterparts, these fish are sexually immature when leaving the ocean between May to October. Their reproductive organs develop during the months long freshwater journey inland.

Adultscollected from Spring Creek are ready for spawning.

Wallowa Hatchery traps these adults just as they're ready to reproduce. They look dramatically different from the silvergrays of their ocean phase. They turn a rich blue-green or olive, and are covered in black speckles. A striking red from gill plate to tale dances with iridescent hues of purple and violet along their lateral line—in short, they are beautiful. A big part of that beauty is that they exist in the natural wild world.

Wallowa Hatchery is careful to distinguish wild fish from hatchery. Wild fish are passed upstream above our traps to spawn in the wild river. Hatchery fish are different from wild ones. Not to the extent that dairy cows are different from aurochs, or that pugs are different from wolves, but biologists do refer to hatchery steelhead as "domesticated." It is important that hatcheries guard the genetic reservoir that wild steelhead represent due to its rich diversity. We do this by segregating hatchery from wild

Hatchery work is guided by science and as such is adaptive. The best practices are honed over time.

Awareness Spencer Lee wrote a fascinating book

about Oregon steelhead that may vet find its place among works by Thoreau, Rachel Carson, and Aldo Leopold. A Temporary Refuge recounts Lee's 14 years spent with wild summer steelhead. Listen to one of the many surprises that comes of close observation:

"One of the things that never ceases to amaze me is how curious these fish are about everything. I'd be willing to bet that these fish have as fine an appreciation of what's going on around this pool as I do, and perhaps finer, probably finer in a lot of ways."

After 14 seasons protecting what was locally known as the Dynamite hole on the North Umpqua River (because people occasionally threw lit dynamite into the river to "catch" steelhead), Lee states, "I think I needed something to open my eyes to the beauty of the \tilde{N} . Umpqua and these emblematic fish... wild fish are the real deal, we still have them thank God, and hopefully we always will."

We at Wallowa Hatchery strongly agree.



