

Science, Service, Stewardship



Endangered Species Act 5-year Reviews for West Coast Salmon and Steelhead

*Lynn Hatcher
West Coast Region
Interior Columbia Area Office*

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SERVICE**



ESA Requirements for 5-Year Reviews

Section 4 of the ESA requires Secretary to:

At least once every five years, review the list of T&E species and determine based on that review whether the species should:

- Retain its current listing status;
- Be removed from the list;
- Be changed from an endangered to a threatened species; or
- Be changed from a threatened to an endangered species.



5-Year Review Process

- Northwest Fisheries Science Center:
 - Viability Report
- Recovery Domain teams:
 - Listing Factors Report
- 5-Year Review Report:
 - provide basis for our listing classification conclusions



5-Year Review Domain Reports

Each report contains:

- Summary of updated information on ESU/DPS viability
- Recommended ESU/DPS boundary adjustments
- Recommended changes to ESU/DPS hatchery membership
- New information on listing factors
- Listing classification conclusion





ESA Listing Factors in 2011

- A. The present or threatened destruction, modification, or curtailment of its habitat or range; **Risk has decreased**
- B. Over utilization for commercial, recreational, scientific, or educational purposes; **Risk has not changed**
- C. Disease or predation; **Risk has increased**
- D. The inadequacy of existing regulatory mechanisms; **Risk has decreased**
- E. Other natural or manmade factors affecting its continued existence; **Risk has not changed**



Looking to the next 5-year review in 2015

- Feedback re: additional data/analyses to include:
 - Analyses of implemented projects relative to identified limiting factors and priority actions using **metrics**
 - Evaluation of more specific and **quantifiable** threats criteria
 - New habitat and other monitoring data to inform a more **quantitative evaluation** of the ESA listing factors
- Interest expressed among our regional partners in collaborating on compilation of data and analyses prior 2015 five-year reviews
- Interest among partners in reviewing draft reports



Timeline for 2016 Reviews

- **Jan-Mar. 2014** – initiate pre-planning with co-managers and recovery partners
- **Nov. 2014** – NW and SW science centers receive updated viability information
- **Feb. 2015** – Federal Register notice announcing 5-year reviews
- **May 7 2015** – Comment period closes
- **Jun. 2015** – Internal draft viability report(s) from science centers
- **Jul. 2015** – “Domain teams” convene and evaluate status/trends in listing factors
- **Nov. 2015** – Internal draft 5-year review reports complete
- **Jan. 2016** – Transmit recommended findings to HQ
- **March 2016** – 5-year review finding published in Federal Register

Bill Sharp – in the field



Taking chances



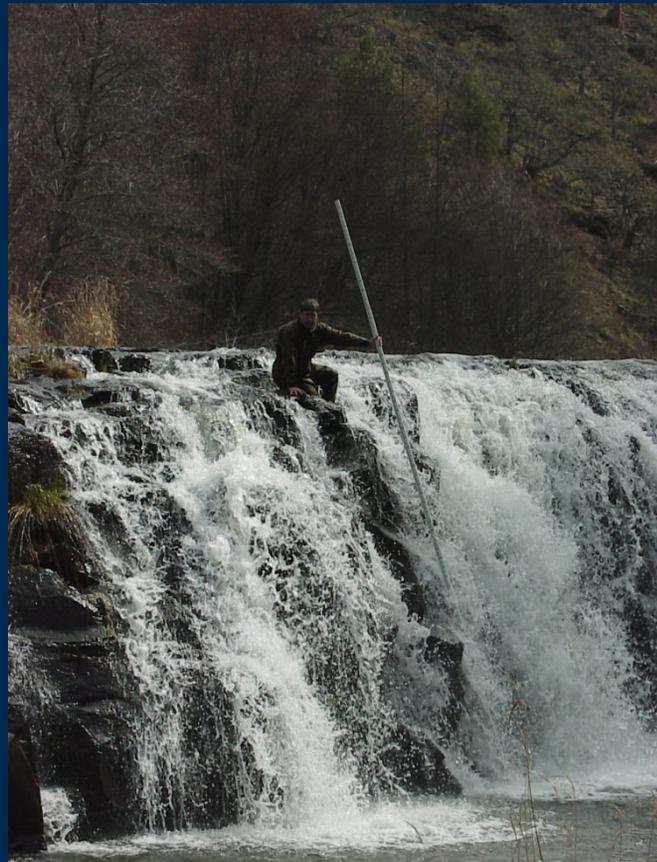
Giving that extra effort



Always happy to do his job



Making it look easy



Retirement: May 2015

