

Threats/Stressors from listed recovery plans

Recovery Plan	Recovery Plan for the Evolutionarily Significant Units of Sacramento River Winter-run Chinook Salmon and Central Valley Spring-Run Chinook Salmon and the Distinct Population Segment of California Central Valley Steelhead	Recovery Plan for the Southern Distinct Population Segment of North American Green Sturgeon ( <i>Acipenser medirostris</i> )	Final Recovery Plan for the Southern Oregon/ Northern California Coast Evolutionarily Significant Unit of Coho Salmon ( <i>Oncorhynchus kisutch</i> )	Endangered Species Act Recovery Plan for the Southern Distinct Population Segment of Eulachon ( <i>Thaleichthys pacificus</i> )	Recovery Plan for Southern Resident Killer Whales ( <i>Orcinus orca</i> ) January 2008
<i>Publication Date</i>	July 2014	August 2018	2014	September 2017	January 2008
<b>To right:</b> Source of list elements <b>Below:</b> Reference number of list element <sup>1</sup>	“Primary Stressor Category” elements (p. 2-56 to 2-57)	“Threat Category” elements from Table 1 (p. 22) <sup>2</sup>	“Stresses” in Table 3-3 (p. 3-4)	“Threats” from Table ES-1 (p. 19)	“Threat” elements from Table 6 (p. II-74)
1	Passage Impediments/ Barriers	Altered Water Flow	Adverse Hatchery Related Effects	Climate change impacts on ocean conditions	Prey availability
2	Harvest/Angling Impacts	Altered Prey Base	Impaired Water Quality	Dams/water diversions	Contaminants
3	Water Temperature	Altered Water Temperature	Degraded Riparian Forest	Eulachon bycatch	Vessel effects (commercial, Recreational whale watch)

<sup>1</sup> Not necessarily numbered in source document, but done so here for convenience.

<sup>2</sup> Tentative placeholder – Page Vick will recommend list for green sturgeon

4	Water Quality	Contaminants	Increased Disease/Predation/ Competition	Climate change impacts on freshwater habitat	Vessel effects (other vessel traffic not targeting whales)
5	Flow Conditions	Altered Sediment	Altered Sediment Supply	Predation	Sound
6	Loss of Riparian Habitat and Instream Cover	Barriers to Migration	Lack of Floodplain and Channel Structure	Water quality	Oil spills (pipelines, container and oil tankers)
7	Loss of Natural River Morphology and Function	Water Depth Modification	Altered Hydrologic Function	Catastrophic events	Oil spills (small chronic sources)
8	Loss of Floodplain Habitat	Loss of Wetland Function	Barriers	Disease	Disease
9	Loss of Tidal Marsh Habitat	Take	Impaired Estuary/Mainstem Function	Competition	Small population size
10	Spawning Habitat Availability	Reduced Genetic Diversity	Adverse Fishery and Collecting Related Effects	Shoreline construction	Live-captures for aquaria
11	Physical Habitat Alteration (e.g., lack of instream gravel supply, watershed disturbance)	Disease		Tribal/First Nations fisheries	
12	Invasive Species/Food Web Changes	Predation		Non-indigenous species	
13	Entrainment	Competition for Habitat		Recreational harvest	
14	Predation			Commercial harvest	
15	Hatchery Effects			Scientific monitoring	
16				Dredging	