

11/30/16 Draft Columbia River Chum Salmon ESU

RECOMMENDED FINDINGS FOR 2016 ESA 5-YEAR REVIEWS

ESU/DPS Name:	Columbia River Chum Salmon ESU		
ESU/DPS Definition:	Naturally spawned chum salmon originating from the Columbia River and its tributaries in Washington and Oregon. Also, chum salmon from two artificial propagation programs: the Grays River Program and the Washougal River Hatchery/Duncan Creek Program (79 FR 20802).		
Current Status:	THREATENED		
First Listed: 1999	Last Reviewed: 2011	Recovery Plan Completed: 2013	

Status and Recent Trends

Viability Criteria				
Abundance	Productivity	Spatial Structure	Diversity	
ESA 4(a)(1) Listing Factors				
Habitat	Overutilization	Disease/Predation	Inadequacy of Regulatory Mechanisms	Other Natural or Manmade Factors

Key Threats Currently Facing ESU/DPS	<ul style="list-style-type: none"> Reduced or loss of habitat complexity, connectivity, quantity, and quality in the lower tributaries and tributary/Columbia River mainstem interface, the mainstem (especially for ocean-type Chinook and chum) and the estuary. Toxic contamination.
Noteworthy Conservation Accomplishments	<ul style="list-style-type: none"> Numerous habitat protection and restoration efforts have been implemented through the efforts of groups. Conservation banks have been established. Habitat conservation plans are being implemented.
Key Research and Monitoring Recommendations	<ul style="list-style-type: none"> Quantitatively analyze net habitat loss and restoration/protective efforts evaluate the effectiveness of existing land-use regulatory mechanisms, land-use management plans, and Improve monitoring of spawning population assessments
Top Near-Term Recovery Priorities	<ul style="list-style-type: none"> Continue to work with our Federal, state and local partners in implementing our 2013 Lower Columbia River Recovery Plan. Complete ESA section 7 consultations on multiple proposed actions including hatchery biological opinions and hatchery and genetic management plans. Implementing expanded re-introduction programs to re-establish populations in basins that have been extirpated, particularly for CR chum salmon.
Potentially Sensitive or Controversial Issues	<ul style="list-style-type: none"> Land-use decision making throughout the domain Competition for hatchery space works to the disadvantage of the low-priority chum.

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RECOMMENDATIONS

Changes in ESU/DPS Delineation: None

Changes in Hatchery Membership: None

2016 Listing Status Recommendation: Retain Current Threatened Status