

**APPENDIX D**

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**Biological Data on Columbia River Salmonids**

Appendix D provides technical information on the Evolutionary Significant Units (ESUs) and Distinctive Population Segments (DSPs) of concern in the Columbia River study area. This section is subdivided into four separate technical analyses, each summarizing specific information. The appendix is organized as follows:

**D-1: Descriptions of Lower Columbia River Listed Salmonids – Evolutionarily Significant Units and Distinct Population Segments**

**D-2: Use and Importance of the Lower Columbia River, Estuary, and Ocean Plume to Coastal Cutthroat Trout**

**D-3: Review of Columbia River Estuary Studies Indicating Size and Location of Cutthroat Trout in the Columbia River Estuary 1967-1971 and 1978-1980**

**D-4: Ecology and Behavior of Columbia River Salmonids**