Fish Habitat Distribution Development Project
Primary Data Products - Description and major attributes

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Fish Habitat Distribution

These data describe areas of suitable habitat believed to be used (currently and historically) by anadromous wild, natural, and/or hatchery fish populations. This information is based on the observations and best professional judgment of ODFW staff biologists, and where possible the professional observations and opinions of staff from other natural resource agencies, Native American Tribes, local watershed councils, soil and water conservation districts, and major timber operators. Data exist in full throughout the anadromous zones of Oregon for spring and fall chinook, coho, chum, and summer and winter steelhead at both the 1:100,000 and 1:24,000 scales. Limited datasets are also available for several additional species including coastal cutthroat, resident O. mykiss (rainbow and redband trout), brook trout, and hybridized rainbow and cutthroat trout. The data are currently stored in a Microsoft Access database and converted to Arc/INFO coverages as necessary. The coverages and metadata for each species at each scale can be found at this web location: http://osu.orst.edu/dept/nrimp/information/fishdistdata.htm.

Following is a general, abbreviated list of distribution data attributes and descriptions. Please refer to the actual metadata documents for each species for additional field attributes included with the data and more extensive descriptions of each field.

FIELD	VALUE	DESCRIPTION
USETYPE	Code describes primary fish use	
	1	Spawning and rearing
	2	Rearing and migration
	3	Migration only
	4	Previous/historic
	5	Present, usetype unknown
	6	Absent
	7	Unknown presence and/or usetype
	8	Disputed
	13	Outlier
QUALCRIT	Quality Criteria Code	
	1	PUO-Present based on Undocumented professional Observation
	2	PSO-Present based on Strong professional Opinion
	3	PMO-Present based on Moderate professional Opinion
	4	Documented-present based on documented professional observation
LIFEHISTOR	Life history code	
	1	Anadromous
	2	Mixed anadromous and resident
	3	Year-round resident only
	4	Fluvial
	5	Adfluvial
	6	Fluvial and adfluvial
	7	Mixed fluvial and resident
	8	Mixed adfluvial and resident
	9	Mixed fluvial, adfluvial and resident

FIELD	VALUE	DESCRIPTION
STATUS_FED	Federal Endangered Species Act listing	
	NW	Not warranted at this time
	PT	Proposed Threatened
	LT	Listed Threatened
	C	Candidate
	LE	Listed Endangered
	NS	No status
STATUS_OR	Oregon Endangered Species Act listing and sensitivity	
	LE	Listed Endangered
	LT	Listed Threatened
	CR	Critical
	VU	Vulnerable
	PN	Peripheral or naturally rare
	U	Undetermined status
	NS	No status
ORIGINID	The initial discovery or introduction of the species	
	1	Native
	2	Non-native introduced
	3	Native reintroduced
	4	Non-native reintroduced
PRODUCTIONID	Current production activity that sustains the species	
	1	Native reproduction
	2	Wild/Natural reproduction
	3	Mixed (hatchery and non-hatchery) reproduction
	4	Hatchery reproduction
	5	Introduced production
SRC_NAME	Source name: Name of data contributor(s)	
SRC_AGEN	Source agency: Agency of data contributor(s)	

Fish Barriers

This dataset contains both passable and impassable barriers to anadromous salmonid migration for the state of Oregon. Most records occur in the western portion of the state. Information on the impassble or partially passable barrier can be found in the related table: bar_pts.fb. Dams are found in a separate dataset and also have associated data that relates to their species specific passability.

Field	Value	Description
Bar_type	Code Describes Barrier Types	
	2	Culvert
	3	Insufficient Flow
	4	Water Diversion
	5	Hatchery facility-related structure
	6	Falls
	7	Cascades/Gradient/Velocity
	8	Debris Jam
	9	Temperature
	10	Tidal Gate
	99	Unknown
Block_ext	Blockage Extent (found in FishBarrier lookup table)	
	1	Complete
	2	Partial
	99	Unknown
Position	Position relative to fish distribution (found in FishBarrier lookup table)	
	2	Defines end of species/run in the stream
	3	Within species/run distribution
	99	Unknown

Fish Observations

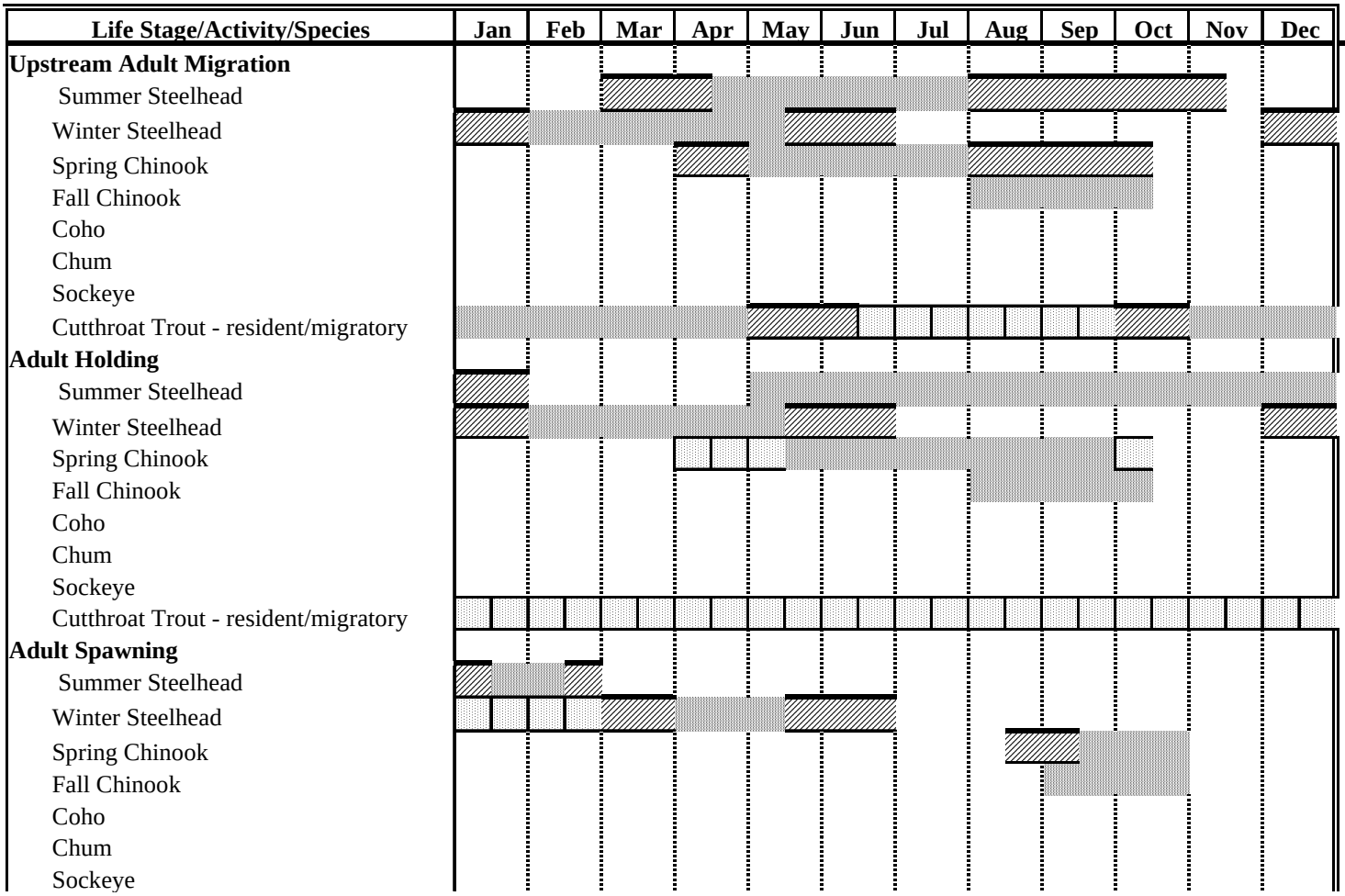
This datasets contains documented observations of salmonid species within the state of Oregon. These data have been derived from published reports or dynamic databases that contain information describing various survey and sampling efforts.

Field	Value	Description
Doc_extent	Code that describes the nature of the observation	
	1	Site and Observation Specific (specific locations throughout the reach)
	2	Observation Specific (somewhere within the identified reach)
	3	Non-site Specific (somewhere on the stream)

Life Stage Timing

This dataset defines the geographic units that apply to species specific life stage timing information for both anadromous and resident salmonids within the anadromous zones of Oregon. Data have been developed for six different life stages: upstream adult migration, adult holding, adult spawning, egg incubation through fry emergence, juvenile rearing and downstream juvenile migration. The detailed life stage timing data are stored in an Access database which can be linked to the dataset.

South Santiam River (below Foster Dam) Anadromous



	Represents periods of peak use based on professional opinion.
	Represents lesser level of use based professional opinion
X	Represents periods of use based on reported observation.
	Represents periods of presence-no level of use indicated