



Vulnerable Aggregations of Fish & Wildlife Species Found in Pierce County

"In accordance with Chapter 18E.40 Regulated Fish and Wildlife Species and Habitat Conservation Areas of Pierce County Title 18E, Development Regulations-Critical Areas, Pierce County is required to provide a list of endangered, threatened, sensitive, candidate, and monitor species found in Pierce County. This information is utilized by the Wetlands and Fish & Wildlife Section of the Land Use and Environmental Review Division of Pierce County Planning & Public Works and private consultants in Fish and Wildlife Habitat Assessments. A Habitat Assessment is a site investigation process to evaluate the potential presence or absence of a regulated fish or wildlife species or habitat affecting a subject property and the potential impacts to such features as a result of a development proposal."

Invertebrates:

Mollusks: Butter Clam (*Saxidomus giganteus*), Geoduck (*Panopea abrupta*), Native Littleneck Clam (*Protothaca staminea*), Olympia Oyster (*Ostrea conchaphila*)

Arthropods:

Dungeness Crab (*Cancer magister*), Pandalid Shrimp (*Pandalidae*) (*Pandalus spp.*)

Vertebrates:

Fish:

Pacific Herring (*Clupea pallasii*), Longfin Smelt (*Spirinchus thaleichthys*), Surfsmelt (*Hypomesus pretiosus*), Bull Trout – Dolly Varden (*Salvelinus confluentus* – *S. malma*), Chinook Salmon (*Oncorhynchus tshawytscha*), Chum Salmon (*Oncorhynchus keta*), Coho Salmon (*Oncorhynchus kisutch*), Pink Salmon (*Oncorhynchus gorbuscha*), Sockeye Salmon (*Oncorhynchus nerka*), Pacific Cod (*Gadus macrocephalus*), Pacific Hake (*Merluccius productus*), Walleye Pollock (*Theragra chalcogramma*), Black Rockfish (*Sebastes melanops*), Bocaccio Rockfish (*Sebastes paucispinis*), Brown Rockfish (*Sebastes auriculatus*), Canary Rockfish (*Sebastes pinniger*), Copper Rockfish (*Sebastes caurinus*), Quillback Rockfish (*Sebastes maliger*), Redstripe Rockfish (*Sebastes proriger*), Yelloweye Rockfish (*Sebastes ruberrimus*), Yellowtail Rockfish (*Sebastes flavidus*), Lingcod (*Ophiodon elongatus*), Pacific Sand Lance (*Ammodytes hexapterus*)

Birds:

Common Loon (*Gavia immer*), Common Murre (*Uria aalge*) Marbled Murrelet (*Brachyramphus marmoratus*), Western Grebe (*Aechmophorus occidentalis*), Vaux's Swift (*Chaetura vauxi*), Harlequin Duck (*Histrionicus histrionicus*), Western High Arctic Brant (*Branta bernicla*), Great Blue Heron (*Ardea herodias*)

Western Washington breeding concentrations of:

Cormorants (*Phalacrocoracidae*), Storm-petrels (*Hydrobatidae*), Terns (*Laridae*), Alcids (*Alcidae*),

Western Washington nonbreeding concentrations of: Loons (*Gaviidae*), Grebes (*Podicipedidae*), Cormorants (*Phalacrocoracidae*), Fulmar (*Procellariidae*), Shearwaters (*Procellariidae*), Storm-petrels (*Hydrobatidae*), Alcids (*Alcidae*)

Waterfowl Concentrations:

(*Anatidae* excluding Canada Geese in urban areas)

Western Washington nonbreeding concentrations of:

Barrow's Goldeneye (*Bucephala islandica*), Common Goldeneye (*Bucephala clangula*), Bufflehead (*Bucephala albeola*),

Western Washington nonbreeding concentrations of:

Charadriidae, *Scolopacidae*, *Phalaropodidae*

Mammals:

Bats:

Keen's Myotis (*Myotis keenii*)

Roosting concentrations of:

Big-brown Bat (*Eptesicus fuscus*), Myotis bats (*Myotis spp.*), Pallid Bat (*Antrozous pallidus*), Townsend's Big-eared Bat (*Corynorhinus townsendii*)

Marine:

California Sea Lion (*Zalophus californianus*), Dall's Porpoise (*Phocoenoides dalli*), Gray Whale (*Eschrichtius robustus*), Harbor Seal (*Phoca vitulina*), Killer Whale (*Orcinus orca*), Harbor Porpoise (*Phocoena phocoena*), Steller (Northern) Sea Lion (*Eumetopias jubatus*)