

## **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 vulnerable aggregations of fish & wildlife species found in Pierce County. This information is utilized by Pierce County Resource Management and private consultants in 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."

### **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 Murre (*Uria aalge*)  
Marbled Murrelet (*Brachyramphus marmoratus*)  
Western Grebe (*Aechmophorus occidentalis*)

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*)

Great Blue Heron (*Ardea herodias*)  
Brant (*Branta bernicla*)  
Harlequin Duck (*Histrionicus histrionicus*)

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:

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*)  
Pacific Harbor Porpoise (*Phocoena phocoena*)  
Steller (Northern) Sea Lion (*Eumetopias jubatus*)