

**ATTACHMENT F**



# Landscape and Urban Features, Threats, and Species Use

---

**Feature Type:** Natural Landscape Feature

**Feature Name:** Beach, Mudflat and Intertidal

**Feature Characteristics:** Beaches and mudflats occur primarily in seasonally flooded shallow areas of riparian areas and floodplains. During any one year, they may be absent because of year-to-year variation in river water levels. Mudflats must be exposed before the vegetation develops from the seedbank. These areas provide connectivity between other high value habitats.

**Feature Habitats:** They are dominated mainly by low-stature annual plants. They range from sparsely vegetated mud to extensive sods of herbaceous vegetation.

**Feature Threats:**

**Associated\_Species:** These habitat areas provide important feeding habitat for shorebirds, waterfowl, terns and gulls, and Bald Eagles. They are especially critical during shorebird migration.

**Feature Locations:** Lower Columbia Slough, Smith and Bybee Wetlands, Willamette River, Columbia River, Oaks Bottom

---

**Feature Type:** Natural Landscape Feature

**Feature Name:** Butte

**Feature Characteristics:** Buttes are important landscape features in eastern Portland, providing important migratory stopover habitat. In addition to providing critical areas for rest and cover from predators, these buttes provide abundant food sources (insects, nectar, fruits) for refueling during migration.

**Feature Habitats:** These buttes are dominated by mixed conifer-deciduous forests, but may also include a mosaic of native grasslands and / or savannahs.

**Feature Threats:** Urban development

**Associated\_Species:** These buttes provide important migratory stopover habitat for neotropical migrant bird species during their north- and southbound migrations.

**Feature Locations:** Rocky Butte, Mt. Tabor, Kelly Butte, Powell Butte and numerous buttes near Damascus and Boring

---

**Feature Type:** Natural Landscape Feature

**Feature Name:** Riverine Island and River Delta

**Feature Characteristics:** Riverine islands and deltas are important landscape features in the Willamette and Columbia rivers, and are dominated by a mosaic of habitat types. During high water events in these rivers, they may be completely inundated.

**Feature Habitats:** Beaches, lowland riparian forest and wetlands

**Feature Threats:**

---

# Landscape and Urban Features, Threats, and Species Use

---

**Associated\_Species:** They provide critical feeding, stopover, resting and nesting habitat for shorebirds, waterfowl, terns and gulls, Bald Eagles, and other wildlife, as well as native salmonids.

**Feature Locations:** Ross Island, Sauvie Island, Government Island, Hayden Island, and several smaller islands

---

**Feature Type:** Natural Landscape Feature

**Feature Name:** Rock Habitat

**Feature Characteristics:** Rock habitats are relatively uncommon in the Portland area but can be found in a few areas along the Willamette and Columbia Rivers, and associated with some of the buttes in east Portland. They include cliffs, rimrock, rock outcrops, and talus. They are found primarily in association with buttes. They provide habitat for cliff nesting birds (e.g. Peregrine Falcon), cliff-roosting bats, rare plants, and wildlife that use rocks for shelter, and/or foraging areas. They also provide important hibernacula for native snakes.

**Feature Habitats:** N/A

**Feature Threats:**

**Associated\_Species:** Reptiles (hibernacula), Peregrine Falcon

**Feature Locations:** Buttes in East Portland, Forest Park

---

# Landscape and Urban Features, Threats, and Species Use

---

**Feature Type:** Urban Feature  
**Feature Name:** Bridge  
**Feature Characteristics:** Several of Portland’s bridges provide several habitat functions: nesting sites for Peregrine Falcon; perching sites for other bird species; roosting sites for bats; while also improving access corridors for other terrestrial species to move along riparian areas  
**Feature Habitats:** N/A  
**Feature Threats:**  
**Associated\_Species:** Peregrine Falcon and other bird species; bats  
**Feature Locations:** Fremont Bridge, Interstate Bridge

---

**Feature Type:** Urban Feature  
**Feature Name:** Channel Markers, Utility Poles, and Utility Towers  
**Feature Characteristics:** These structural features provide perches for raptors, and nesting locations for Osprey and Bald Eagle.  
**Feature Habitats:** N/A  
**Feature Threats:**  
**Associated\_Species:** Raptors, including nesting Osprey and Bald Eagle  
**Feature Locations:** Willamette River, Columbia River, Smith and Bybee Wetlands

---

**Feature Type:** Urban Feature  
**Feature Name:** Chimney  
**Feature Characteristics:** Several small and large chimneys provide nesting and roosting habitat for Vaux’s Swift.  
**Feature Habitats:** N/A  
**Feature Threats:**  
**Associated\_Species:** Vaux's Swift  
**Feature Locations:** Chapman School, Denver Ave. in Kenton, Church at NE 30th/Ainsworth

---

**Feature Type:** Urban Feature  
**Feature Name:** Corridors Between Patches or Habitats

---

# Landscape and Urban Features, Threats, and Species Use

---

**Feature Characteristics:** Corridors provide connectivity between high value habitats; provide connectivity between water bodies, riparian areas and upland habitats; provide movement corridors for wildlife. These include designated wildlife corridors, utility corridors, riparian corridors, etc.

**Feature Habitats:** Various Habitat Types

**Feature Threats:**

**Associated\_Species:** Birds, mammals, reptiles

**Feature Locations:**

---

**Feature Type:** Urban Feature

**Feature Name:** Ecoroofs

**Feature Characteristics:** Ecoroofs provide habitat for birds and a host of insects, including native pollinators.

**Feature Habitats:** Various Herbaceous Vegetation Types

**Feature Threats:**

**Associated\_Species:** Birds

**Feature Locations:** Multnomah County Building, Portland Building, Natural Capital Center (Ecotrust), Hamilton, etc.

---

**Feature Type:** Urban Feature

**Feature Name:** Neighborhood Tree Canopy and Backyard Habitat

**Feature Characteristics:** Extensive areas of neighborhood tree canopy and backyard habitat patches provide nesting, roosting, feeding and migratory stopover habitat for a number of bird species, as well as habitat for other terrestrial wildlife species

**Feature Habitats:** Various Habitat Types

**Feature Threats:**

**Associated\_Species:** Birds and other terrestrial wildlife species

**Feature Locations:** Irvington, Southwest neighborhoods

---

**Feature Type:** Urban Feature

**Feature Name:** Structural Habitat Features (e.g. nest boxes, platforms, and bat boxes)

**Feature Characteristics:** Allows habitat to be integrated into highly developed areas. Includes nest boxes, nest platforms (e.g. Osprey), bat boxes, etc.

**Feature Habitats:** N/A

---

# Landscape and Urban Features, Threats, and Species Use

---

**Feature Threats:**

**Associated\_Species:** Various terrestrial wildlife species

**Feature Locations:**

---

**Feature Type:** Urban Feature

**Feature Name:** Wildlife Crossings

**Feature Characteristics:** Wildlife crossings (typically under roads) provide safer access across barriers (e.g. roads) and connectivity between important habitat areas for terrestrial wildlife species, such as Western Painted Turtle

**Feature Habitats:** N/A

**Feature Threats:**

**Associated\_Species:** Mammals, turtles

**Feature Locations:** Time Oil Road, North Lombard Overcrossing

---