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Appendix

Nomenclature

Common name	Scientific name
Fungi: ¹	
Red ring rot	<i>Phellinus pini</i> (Thore ex Fr.) A. Ames
Yellow laminated rot	<i>Phellinus weirii</i> (Murr.) Gilbn.
Plants: ²	
Alder	<i>Alnus</i> sp.
Bigleaf maple	<i>Acer macrophyllum</i> Pursh
Blueblossom	<i>Ceanothus thyrsiflorus</i> Esch.
California laurel	<i>Umbellularia claifornica</i> (Hook. & Am.) Nutt.
Coast redwood	<i>Sequoia sempervirens</i> (D. Don) Endl.
Douglas-fir	<i>Pseudotsuga menziesii</i> (Mirb.) Franco
Eelgrass	
European beachgrass	<i>Ammophila arenaria</i> (L.) Link
Grand fir	<i>Abies grandis</i> (Dougl.) Lindl.
Huckleberry	<i>Vaccinium</i> spp.
Jeffrey pine	<i>Pinus jeffreyi</i> Grev. & Balf.
Lodgepole pine	<i>Pinus contorta</i> Dougl. ex Loud.
Mountain hemlock	<i>Tsuga mertensiana</i> (Bong.) Carr.
Pacific silver fir	<i>Abies amabilis</i> (Dougl.) Forbes
Port-Or-ford-cedar	<i>Chamaecyparis lawsoniana</i> (A. Murr.) Parl.
Red alder	<i>Alnus ruba</i> Bong.
Red algae	<i>Fucus</i> spp.
Red oak	<i>Quercus borealis</i> (L .)
Rockweed	<i>Fucus</i> spp.
Salal	<i>Gaultheria shallon</i> Pursh
Salmonberry	<i>Rubus spectabilis</i> Pursh
Sitka spruce	<i>Picea sitchensis</i> (Bong.) Carr.
Snowbush	<i>Ceanothus velutinus</i> Dougl. ex Hook.
Sugar pine	<i>Pinus lambertiana</i> Dougl.
Tanoak	<i>Lithocarpus densiflorus</i> (Hook. & Am.) Rehd.
Western azalea	<i>Rhododendron occidentale</i> (T.& G.) Gray
Western hemlock	<i>Tsuga heterophylla</i> (Raf.) Sarg.

¹ After Aho (1982).

² After Franklin and Dyrness (1973), Simon and Schuster (1978).

Western redcedar	<i>Thuja plicata</i> Donn
Western yew	<i>Taxus brevifolia</i> Nutt.
White fir	<i>Abies concolor</i> (Gord. & Glend.) Lindl.
Willow	<i>Salix</i> spp.

Insects:³

Douglas-fir bark beetle	<i>Dendroctonus pseudotsugae</i> Hopkins
Net-spinning caddisfly	<i>Hydroptila</i> spp.
Water strider	<i>Gerris</i> spp.

Fish:⁴

Bigeye tuna	<i>Thunnus obesus</i> (L.)
Chinook salmon	<i>Oncorhynchus tshawytscha</i> (Walbaum)
Coho salmon	<i>Oncorhynchus kisutch</i> (Walbaum)
Cutthroat trout	<i>Salmo clarki</i> Richardson
Dolphin fish (mahimahi)	<i>Coryphaena hippurus</i> (L.)
Herring	<i>clupea</i> spp.
Skipjack tuna	<i>Katuwouvs pelamis</i> (L.)
Starry flounder	<i>Platichthys stellatus</i> (L.)
Steelhead trout	<i>Salmo gairdneri</i> Richardson
Stickelback	<i>Gasterosteus aculeatus</i> L.
Sturgeon	<i>Acipenser</i> spp.
Yellowfin tuna	<i>Thunnus albacares</i> (Bonnaterre)

Birds:⁵

Acorn woodpecker	<i>Melanerpes formicivorus</i> (Swainson)
Bald eagle	<i>Haliaeetus leucocephalus</i> (L.)
Brown creeper	<i>Certhia americana</i> Bonaparte
Brown pelican	<i>Pelecanus occidentalis</i> L.
Cormorant	<i>Phalacrocorax</i> spp.
Crow	<i>corvus</i> spp.
Downy woodpecker	<i>Picoides pubescens</i> L.)
Great blue heron	<i>Ardea herodias</i> L.
Great egret	<i>Casmerodius albus</i>

³ After Borror and DeLong).

⁴After Bown (1985) Gooding and Magnuson (1967).

⁵ After Robbins and others (1983).

Green heron
Gull
Hairy woodpecker
Lewis woodpecker
Northern flicker
Osprey
Pileated woodpecker
Purple martin
Red-breasted sapsucker
Turkey vulture

Butorides striatus (L.)
Larus spp.
Picoides villosus (L.)
Melanerpes lewis (Gray)
Colaptes auratus (L.)
Pandion haliaetus (L.)
Dryocopus pileatus (L.)
Progne subis (L.)
Sphyrapicus ruber (Gmelin)
Cathartes aura (L.)

Mammals: ⁶

Black bear
Harbor seal
Raccon

Ursus americanus Pallas
Phoca vitulina L.
Procyon lotor (L.)

⁶After Hall (1981).

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Maser, Chris; Tarrant, Robert F.; Trappe, James M.; Franklin, Jerry F., tech. eds. 1988. From the forest to the sea: a story of fallen trees. Gen. Tech. Rep. PNW-GTR-229. 153 p.

Large, fallen trees in various stages of decay contribute much-needed diversity of ecological processes to terrestrial, aquatic, estuarine, coastal beach, and open ocean habitats in the Pacific Northwest. Intensive utilization and management can deprive these habitats of large, fallen trees. This publication presents sound information for managers making resource management decisions on the impact of this loss on habitat diversity and on ecological processes that have an impact on long-term ecosystem productivity.

Keywords: Decomposition, fallen trees, habitat diversity, ecosystem function, land, water, sea.

The Forest Service of the U.S. Department of Agriculture is dedicated to the principle of multiple use management of the Nation's forest resources for sustained yields of wood, water, forage, wildlife, and recreation. Through forestry research, cooperation with the States and private forest owners, and management of the National Forests and National Grasslands, it strives — as directed by Congress — to provide increasingly greater service to a growing Nation.

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