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Appendix

Nomenclature

Common name

Scientific name

Fungi:¹

Red ring rot
Yellow laminated rot

Phellinus pini (Thore ex Fr.) A. Ames
Phellinus weirii (Murr.) Gilbn.

Plants:²

Alder
Bigleaf maple
Blueblossom
California laurel
Coast redwood
Douglas-fir
Eelgrass
European beachgrass
Grand fir
Huckleberry
Jeffrey pine
Lodgepole pine
Mountain hemlock
Pacific silver fir
Port-Or-ford-cedar
Red alder
Red algae
Red oak
Rockweed
Salal
Salmonberry
Sitka spruce
Snowbush
Sugar pine
Tanoak
Western azalea
Western hemlock

Alnus sp.
Acer macrophyllum Pursh
Ceanothus thyrsiflorus Esch.
Umbellularia claifornica (Hook. & Am.) Nutt.
Sequoia sempervirens (D. Don) Endl.
Pseudotsuga menziesii (Mirb.) Franco

Ammophila arenaria (L.) Link
Abies grandis (Dougl.) Lindl.
Vaccinium spp.
Pinus jeffreyi Grev. & Balf.
Pinus contorta Dougl. ex Loud.
Tsuga mertensiana (Bong.) Carr.
Abies amabilis (Dougl.) Forbes
Chamaecyparis lawsoniana (A. Murr.) Parl.
Alnus ruba Bong.
Fucus spp.
Quercus borealis (L .)
Fucus spp.
Gaultheria shallon Pursh
Rubus spectabilis Pursh
Picea sitchensis (Bong.) Carr.
Ceanothus velutinus Dougl. ex Hook.
Pinus lambertiana Dougl.
Lithocarpus densiflorus (Hook. & Am.) Rehd.
Rhododendron occidentale (T.& G.) Gray
Tsuga heterophylla (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	<i>Butorides striatus</i> (L.)
Gull	<i>Larus</i> spp.
Hairy woodpecker	<i>Picoides villosus</i> (L.)
Lewis woodpecker	<i>Melanerpes lewis</i> (Gray)
Northern flicker	<i>Colaptes auratus</i> (L.)
Osprey	<i>Pandion haliaetus</i> (L.)
Pileated woodpecker	<i>Dryocopus pileatus</i> (L.)
Purple martin	<i>Progne subis</i> (L.)
Red-breasted sapsucker	<i>Sphyrapicus ruber</i> (Gmelin)
Turkey vulture	<i>Cathartes aura</i> (L.)

Mammals: ⁶

Black bear	<i>Ursus americanus</i> Pallas
Harbor seal	<i>Phoca vitulina</i> L.
Raccon	<i>Procyon lotor</i> (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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