

Appendix 4. Scientific and Common Names of Tree Species

Table 1. *Softwood commercial species.*

Standard lumber name under American Softwood Lumber Standards	Common tree name	Botanical name
Cedar		
Alaska	Alaska yellow cedar	<i>Chamaecyparis nootkatensis</i>
Eastern red	Eastern redcedar	<i>Juniperus virginiana</i>
Incense	Incense-cedar	<i>Libocedrus decurrens</i>
Northern white	Northern white-cedar	<i>Thuja occidentalis</i>
Port Orford	Port-Orford-cedar	<i>Chamaecyparis lawsoniana</i>
Southern white	Atlantic white-cedar	<i>C. thyoides</i>
Western red	Western redcedar	<i>Thuja plicata</i>
Cypress, red (coast type), yellow (inland type), white (inland type)	Baldcypress	<i>Taxodium distichum</i>
Douglas-fir	Douglas-fir	<i>Pseudotsuga menziesii</i>
Fir		
Balsam	Balsam fir	<i>Abies balsamea</i>
	Fraser fir	<i>A. fraseri</i>
Noble	Noble fir	<i>A. procera</i>
White	California red fir	<i>A. magnifica</i>
	Grand fir	<i>A. grandis</i>
	Pacific silver fir	<i>A. amabilis</i>
	Subalpine fir	<i>A. lasiocarpa</i>
	White fir	<i>A. concolor</i>
Hemlock		
Eastern	Eastern hemlock	<i>Tsuga canadensis</i>
Mountain	Mountain hemlock	<i>T. mertensiana</i>
West Coast	Western hemlock	<i>T. heterophylla</i>
Juniper, western	Alligator juniper	<i>Juniperus deppeana</i>
	Rocky Mountain juniper	<i>J. scopulorum</i>
	Utah juniper	<i>J. osteosperma</i>
	Western juniper	<i>J. occidentalis</i>
Larch, western	Western larch	<i>Larix occidentalis</i>
Pine		
Idaho white	Western white pine	<i>Pinus monticola</i>
Jack	Jack pine	<i>P. banksiana</i>
Lodgepole	Lodgepole pine	<i>P. contorta</i>
Longleaf yellow	Longleaf pine	<i>P. palustris</i>
	Slash pine	<i>P. elliottii</i>
Northern white	Eastern white pine	<i>P. strobus</i>
Norway	Red pine	<i>P. resinosa</i>
Ponderosa	Ponderosa pine	<i>P. ponderosa</i>
Southern yellow	Longleaf pine	<i>P. palustris</i>
	Shortleaf pine	<i>P. echinata</i>
	Loblolly name	<i>P. taeda</i>
	Slash pine	<i>P. elliottii</i>
	Pitch pine	<i>P. rigida</i>
	Virginia pine	<i>P. virginiana</i>
Sugar	Sugar pine	<i>P. lambertiana</i>
Redwood	Redwood	<i>Sequoia sempervirens</i>
Spruce		
Eastern	Black spruce	<i>Picea mariana</i>
	Red spruce	<i>P. rubens</i>
	White spruce	<i>P. glauca</i>
Engelmann	Blue spruce	<i>P. pungens</i>

Sitka	Engelmann spruce	<i>P. engelmannii</i>
Tamarack	Sitka spruce	<i>P. sitchensis</i>
Yew, Pacific	Tamarack	<i>Larix laricina</i>
	Pacific yew	<i>Taxus brevifolia</i>

Table 2. *Hardwood commercial species.*

Commercial name for lumber	Common tree name	Botanical name
Alder, red	Red alder	<i>Alnus rubra</i>
Ash		
Black	Black ash	<i>Fraxinus nigra</i>
Oregon	Oregon ash	<i>F. latifolia</i>
White	Blue ash	<i>F. quadrangulata</i>
	Green ash	<i>F. pennsylvanica</i>
	White ash	<i>F. americana</i>
Aspen (popple)	Bigtooth aspen	<i>Populus grandidentata</i>
	Quaking aspen	<i>P. tremuloides</i>
Basswood	American basswood	<i>Tilia americana</i>
	White basswood	<i>T. heterophylla</i>
Beech	Beech	<i>Fagus grandifolia</i>
Birch	Gray birch	<i>Betula populifolia</i>
	Paper birch	<i>B. papyrifera</i>
	River birch	<i>B. nigra</i>
	Sweet birch	<i>B. lenta</i>
	Yellow birch	<i>B. alleghaniensis</i>
Box elder	Boxelder	<i>Acer negundo</i>
Buckeye	Ohio buckeye	<i>Aesculus glabra</i>
	Yellow buckeye	<i>A. octandra</i>
Butternut	Butternut	<i>Juglans cinerea</i>
Cherry	Black cherry	<i>Prunus serotina</i>
Chestnut	Chestnut	<i>Castanea dentata</i>
Cottonwood	Balsam poplar	<i>Populus balsamifera</i>
	Eastern cottonwood	<i>P. deltoides</i>
	Plains cottonwood	<i>P. sargentii</i>
Cucumber	Cucumbertree	<i>Magnolia acuminata</i>
Dogwood	Flowering dogwood	<i>Cornus florida</i>
	Pacific dogwood	<i>C. nuttallii</i>
Elm		
Rock	Cedar elm	<i>Ulmus crassifolia</i>
	Rock elm	<i>U. thomasii</i>
	September elm	<i>U. serotina</i>
	Winged elm	<i>U. alata</i>
Soft	American elm	<i>U. americana</i>
	Slippery elm	<i>U. rubra</i>
Gum	Sweetgum	<i>Liquidambar styraciflua</i>
Hackberry	Hackberry	<i>Celtis occidentalis</i>
	Sugarberry	<i>C. laevigata</i>
Hickory	Mockernut hickory	<i>Carya tomentosa</i>
	Pignut hickory	<i>C. glabra</i>
	Shagbark hickory	<i>C. ovata</i>
	Shellbark hickory	<i>C. laciniosa</i>
Holly	American holly	<i>Ilex opaca</i>
Ironwood	Eastern hophornbeam	<i>Ostrya virginiana</i>
Locust	Black locust	<i>Robinia pseudoacacia</i>
	Honeylocust	<i>Gleditsia triacanthos</i>
Madrone	Pacific madrone	<i>Arbutus menziesii</i>

Magnolia

Southern magnolia
Sweetbay

Magnolia grandiflora
M. virginiana

Table 2. Continued

Commercial name for lumber	Common tree name	Botanical name	
Maple	Hard	Black maple	<i>Acer nigrum</i>
		Sugar maple	<i>A. saccharum</i>
Oregon	Soft	Bigleaf maple	<i>A. macrophyllum</i>
		Red maple	<i>A. rubrum</i>
Oak	Red	Silver maple	<i>A. saccharinum</i>
		Black oak	<i>Quercus velutina</i>
	White	Blackjack oak	<i>Q. marilandica</i>
		California black oak	<i>Q. kelloggi</i>
		Cherrybark oak	<i>Q. falcata var. pagodaefolia</i>
		Laurel oak	<i>Q. laurifolia</i>
		Northern pin oak	<i>Q. ellipsoidalis</i>
		Northern red oak	<i>Q. rubra</i>
		Nuttall oak	<i>Q. nuttallii</i>
		Pin oak	<i>Q. palustris</i>
		Scarlet oak	<i>Q. coccinea</i>
		Shumard oak	<i>Q. shumardii</i>
		Southern red oak	<i>Q. falcata</i>
		Turkey oak	<i>Q. laevis</i>
		Willow oak	<i>Q. phellos</i>
		Arizona white oak	<i>Q. arizonica</i>
		Blue oak	<i>Q. douglasii</i>
		Bur oak	<i>Q. macrocarpa</i>
		California white oak	<i>Q. lobata</i>
		Chestnut oak	<i>Q. primus</i>
		Chinkapin oak	<i>Q. muehlenbergii</i>
		Emory oak	<i>Q. emoryi</i>
Gambel oak	<i>Q. gambelii</i>		
Mexican blue oak	<i>Q. oblongifolia</i>		
Live oak	<i>Q. virginiana</i>		
Oregon white oak	<i>Q. garryana</i>		
Overcup oak	<i>Q. lyrata</i>		
Post oak	<i>Q. stellata</i>		
Swamp chestnut oak	<i>Q. michauxii</i>		
Swamp white oak	<i>Q. bicolor</i>		
White oak	<i>Q. alba</i>		
Oregon myrtle	California-laurel	<i>Umbrellularia californica</i>	
Osage orange (bois d'arc)	Osage-orange	<i>Maclura pomifera</i>	
Pecan	Bitternut hickory	<i>Carya cordiformis</i>	
	Nutmeg hickory	<i>C. myristicaeformis</i>	
	Water hickory	<i>C. aquatica</i>	
	Pecan	<i>C. illinoensis</i>	
Persimmon	Common persimmon	<i>Diospyros virginiana</i>	
Poplar	Yellow-poplar	<i>Liriodendron tulipifera</i>	
Sassafras	Sassafras	<i>Sassafras albidum</i>	
Sycamore	American sycamore	<i>Platanus occidentalis</i>	
Tupelo	Black tupelo	<i>Nyssa sylvatica</i>	
	Ogeechee tupelo	<i>N. ogeche</i>	
	Water tupelo	<i>N. aquatica</i>	
Walnut	Black walnut	<i>Juglans nigra</i>	
Willow	Black willow	<i>Salix nigra</i>	
	Peachleaf willow	<i>S. amygdaloides</i>	

Source: USFS (1987).

Table 3. *Common commercial groupings of softwoods.*

Commercial group	Species in combination
Douglas-fir larch	Douglas-fir Western larch
Hem-fir	Western hemlock, Mountain hemlock Pacific silver fir
Spruce-pine-fir	White spruce Red spruce Black spruce Engelmann spruce Lodgepole pine Jack pine Alpine fir Balsam fir
Western cedars	Western redcedar Alaska yellow cedar