APPENDIX 11

Wood Density Values

Table 31.—Wood density values (metric tons/m^3), by species. These values are derived from Global Wood Density Database (Chave et al. 2009, Zanne et al. 2009) and McPherson et al. (2016).

Scientific Name	Wood Density tonne/m^3	Scientific Name	Wood Density tonne/m^3
Abies	0.36	*Acacia elata*	0.51
Abies alba	0.35	*Acacia excelsa*	0.94
Abies amabilis	0.40	*Acacia farnesiana*	0.52
Abies balsamea	0.33	*Acacia grasbyi*	0.98
Abies concolor	0.37	*Acacia harpophylla*	0.90
Abies delavayi	0.40	*Acacia hemignosta*	0.65
Abies fargesii	0.34	*Acacia holosericea*	0.75
Abies grandis	0.35	*Acacia implexa*	0.64
Abies holophylla	0.34	*Acacia irrorata*	0.55
Abies lasiocarpa	0.31	*Acacia jennerae*	0.74
Abies magnifica	0.36	*Acacia longifolia*	0.52
Abies pinsapo	0.41	*Acacia maconochieana*	0.80
Abies procera	0.37	*Acacia maidenii*	0.62
Acacia	0.75	*Acacia mangium*	0.51
Acacia acradenia	0.90	*Acacia mearnsii*	0.66
Acacia acuminata	0.95	*Acacia melanoxylon*	0.55
Acacia aneura	0.98	*Acacia murrayana*	0.52
Acacia aulacocarpa	0.66	*Acacia omalophylla*	1.06
Acacia auriculiformis	0.68	*Acacia oswaldii*	0.98
Acacia bakeri	0.77	*Acacia papyrocarpa*	0.98
Acacia cambagei	1.08	*Acacia pendula*	0.99
Acacia caven	0.77	*Acacia penninervis*	0.64
Acacia concurrens	0.76	*Acacia peuce*	1.23
Acacia confusa	0.73	*Acacia podalyriifolia*	0.68
Acacia craspedocarpa	0.89	*Acacia polyacantha*	0.64
Acacia crassicarpa	0.60	*Acacia polyphylla*	0.64
Acacia dealbata	0.59	*Acacia pruinocarpa*	0.94
Acacia decurrens	0.56	*Acacia pubescens*	0.62
Acacia dictyophleba	0.76	*Acacia salicina*	0.53
Acacia doratoxylon	0.79	*Acacia sclerosperma*	0.86

continued

Appendix 11 (https://doi.org/10.2737/NRS-GTR-200-2023-Appendix11) in: Nowak, David J. 2024. Understanding i-Tree: Summary of programs and methods. Gen. Tech. Rep. NRS-200-2023. Madison, WI: U.S. Department of Agriculture, Forest Service, Northern Research Station. 103 p. [plus 14 appendixes]. https://doi.org/10.2737/NRS-GTR-200-2023.

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Acacia spectabilis	0.77
Acacia stenophylla	0.76
Acacia tetragonophylla	0.94
Acacia trinervata	0.76
Acacia victoriae	0.69
Acacia visco	0.69
Acca	0.75
Acca sellowiana	0.75
Acer	0.52
Acer buergerianum	0.62
Acer campestre	0.52
Acer davidii	0.46
Acer macrophyllum	0.44
Acer mandshuricum	0.58
Acer negundo	0.42
Acer nigrum	0.52
Acer oblongum	0.60
Acer palmatum	0.45
Acer pensylvanicum	0.44
Acer pictum ssp. Mono	0.64
Acer platanoides	0.52
Acer pseudoplatanus	0.51
Acer rubrum	0.49
Acer saccharinum	0.44
Acer saccharum	0.56
Acer truncatum	0.59
Acradenia	0.63
Acradenia frankliniae	0.63
Adansonia	0.28
Adansonia digitata	0.28
Adenanthera	0.70
Adenanthera pavonina	0.70
Adenostoma	0.75
Adenostoma fasciculatum	0.75
Aegiphila	0.86
Aegiphila integrifolia	0.86
Aegle	0.83
Aegle marmelos	0.83
Aesculus	0.47
Aesculus chinensis	0.60
Aesculus flava	0.35
Aesculus hippocastanum	0.50
Aesculus indica	0.46
Aesculus turbinata	0.45
Afrocarpus	0.50
Afrocarpus gracilior	0.50
Afrocarpus usambarensis	0.49
Agathis	0.43
Agathis australis	0.45
Agathis macrophylla	0.45
Agathis robusta	0.40
Ailanthus	0.52
Ailanthus altissima	0.52
Albizia	0.52
Albizia chinensis	0.30
Albizia ferruginea	0.49
Albizia lebbeck	0.60
Albizia lebbekoides	0.57
Albizia moluccana	0.32
Albizia pedicellaris	0.52
Albizia procera	0.47
Albizia saponaria	0.57
Alchornea	0.42
Alchornea glandulosa	0.38
Alchornea latifolia	0.42
Alchornea triplinervia	0.47
Alchorneopsis	0.45
Alchorneopsis floribunda	0.45
Aleurites	0.35
Aleurites moluccanus	0.38
Aleurites montanus	0.32
Allocasuarina	0.76
Allocasuarina fraseriana	0.62
Allocasuarina littoralis	0.63
Allocasuarina luehmannii	0.96
Allocasuarina torulosa	0.82
Allophylus	0.65
Allophylus edulis	0.65

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Alloxylon	0.48
Alloxylon flammeum	0.48
Alnus	0.40
Alnus acuminata	0.40
Alnus glutinosa	0.42
Alnus incana	0.44
Alnus jorullensis	0.38
Alnus nepalensis	0.41
Alnus rubra	0.37
Alphitonia	0.49
Alphitonia excelsa	0.54
Alphitonia petriei	0.44
Alstonia	0.46
Alstonia actinophylla	0.35
Alstonia macrophylla	0.64
Alstonia scholaris	0.38
Alvaradoa	0.56
Alvaradoa amorphoides	0.56
Amaioua	0.63
Amaioua guianensis	0.63
Amelanchier	0.66
Amelanchier canadensis	0.66
Amherstia	0.66
Amherstia nobilis	0.66
Amyris	0.94
Amyris balsamifera	0.90
Amyris elemifera	0.97
Anacardium	0.42
Anacardium excelsum	0.39
Anacardium occidentale	0.44
Anadenanthera	0.91
Anadenanthera colubrina	0.88
Anadenanthera peregrina	0.93
Andira	0.78
Andira fraxinifolia	0.92
Andira inermis	0.64
Angophora	0.70
Angophora bakeri	0.59
Angophora costata	0.78
Angophora floribunda	0.72
Aniba	0.60
Aniba firmula	0.56
Annona	0.48
Annona glabra	0.50
Annona muricata	0.36
Annona reticulata	0.55
Annona squamosa	0.49
Antidesma	0.63
Antidesma bunius	0.63
Aparisthmium	0.39
Aparisthmium cordatum	0.39
Apeiba	0.20
Apeiba tibourbou	0.20
Apuleia	0.77
Apuleia leiocarpa	0.77
Araucaria	0.45
Araucaria angustifolia	0.47
Araucaria araucana	0.52
Araucaria bidwillii	0.42
Araucaria cunninghamii	0.45
Araucaria hunsteinii	0.39
Arbutus	0.61
Arbutus menziesii	0.57
Arbutus unedo	0.65
Archontophoenix	0.83
Archontophoenix alexandrae	0.83
Archontophoenix cunninghamiana	0.83
Arctostaphylos	0.72
Arctostaphylos tomentosa	0.72
Ardisia	0.62
Ardisia guianensis	0.62
Ardisia solanacea	0.62
Aristotelia	0.52
Aristotelia serrata	0.52
Artocarpus	0.51
Artocarpus altilis	0.44
Artocarpus heterophyllus	0.53
Artocarpus odoratissimus	0.55

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Aspidosperma	0.78
Aspidosperma parvifolium	0.78
Astronium	0.85
Astronium graveolens	0.85
Atherosperma	0.50
Atherosperma moschatum	0.50
Athrotaxis	0.35
Athrotaxis selaginoides	0.35
Austrocedrus	0.43
Austrocedrus chilensis	0.43
Averrhoa	0.54
Averrhoa bilimbi	0.50
Averrhoa carambola	0.58
Avicennia	0.65
Avicennia germinans	0.78
Avicennia marina	0.52
Azadirachta	0.64
Azadirachta indica	0.64
Baccharis	0.59
Baccharis pilularis	0.59
Backhousia	0.86
Backhousia citriodora	0.83
Backhousia myrtifolia	0.88
Banksia	0.52
Banksia aemula	0.55
Banksia integrifolia	0.48
Banksia marginata	0.47
Banksia serrata	0.57
Barringtonia	0.46
Barringtonia acutangula	0.52
Barringtonia asiatica	0.42
Barringtonia racemosa	0.45
Bathysa	0.64
Bathysa australis	0.64
Bauhinia	0.71
Bauhinia forficata	0.57
Bauhinia forficata ssp. pruinosa	0.53
Bauhinia hookeri	1.06
Bauhinia purpurea	0.72
Bauhinia variegata	0.65
Beilschmiedia	0.52
Beilschmiedia pendula	0.52
Berberis	0.69
Berberis vulgaris	0.69
Betula	0.53
Betula alleghaniensis	0.55
Betula costata	0.60
Betula lenta	0.60
Betula neoalaskana	0.53
Betula nigra	0.49
Betula papyrifera	0.48
Betula pendula	0.52
Betula platyphylla	0.52
Betula populifolia	0.45
Betula pubescens	0.52
Betula utilis	0.58
Bicuiba	0.61
Bicuiba oleifera	0.61
Bischofia	0.60
Bischofia javanica	0.60
Bixa	0.36
Bixa orellana	0.36
Blepharocalyx	0.74
Blepharocalyx salicifolius	0.74
Blighia	0.75
Blighia sapida	0.75
Boehmeria	0.36
Boehmeria caudata	0.36
Bolusanthus	0.84
Bolusanthus speciosus	0.84
Bombax	0.31
Bombax ceiba	0.31
Brachychiton	0.39
Brachychiton acerifolius	0.34
Brachychiton discolor	0.25
Brachychiton diversifolius	0.39
Brachychiton gregorii	0.60
Brachychiton populneus	0.39

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Brosimum	0.54
Brosimum alicastrum	0.57
Brosimum guianense	0.89
Broussonetia	0.29
Broussonetia papyrifera	0.29
Bruguiera	0.76
Bruguiera gymnorhiza	0.74
Bruguiera parviflora	0.77
Buchanania	0.45
Buchanania arborescens	0.45
Buchenavia	0.60
Buchenavia tetraphylla	0.60
Bucida	0.87
Bucida buceras	0.87
Buckinghamia	0.79
Buckinghamia celsissima	0.79
Buddleja	0.28
Buddleja asiatica	0.28
Bursera	0.34
Bursera graveolens	0.32
Bursera simaruba	0.35
Butia	0.37
Butia capitata	0.37
Buxus	0.78
Buxus sempervirens	0.78
Byrsonima	0.75
Byrsonima crassifolia	0.64
Byrsonima crispa	0.58
Byrsonima laevigata	0.62
Byrsonima sericea	0.78
Byrsonima spicata	0.62
Cabralea	0.54
Cabralea canjerana	0.54
Caesalpinia	1.05
Caesalpinia coriaria	1.12
Caesalpinia echinata	0.89
Caesalpinia ferrea	1.17
Caesalpinia pulcherrima	0.84
Caesalpinia sappan	0.84

Scientific Name	Wood Density tonne/m^3
Callicoma	0.50
Callicoma serratifolia	0.50
Callistemon	0.78
Callistemon citrinus	0.75
Callistemon phoeniceus	0.85
Callistemon salignus	0.84
Callistemon viminalis	0.69
Callitris	0.57
Callitris endlicheri	0.58
Callitris glaucophylla	0.61
Callitris macleayana	0.50
Callitris rhomboidea	0.47
Callitris verrucosa	0.68
Calocedrus	0.35
Calocedrus decurrens	0.35
Calodendrum	0.62
Calodendrum capense	0.62
Calophyllum	0.56
Calophyllum antillanum	0.56
Calophyllum inophyllum	0.57
Calophyllum longifolium	0.54
Calycophyllum	0.68
Calycophyllum candidissimum	0.68
Calyptranthes	0.77
Calyptranthes concinna	0.77
Camptotheca	0.43
Camptotheca acuminata	0.43
Cananga	0.33
Cananga odorata	0.33
Canarium	0.55
Canarium australianum	0.53
Canarium indicum	0.56
Canella	0.90
Canella winterana	0.90
Capparidastrum	0.48
Capparidastrum baducca	0.48
Capparis	0.76
Capparis mitchellii	0.76
Carallia	0.67

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Carallia brachiata	0.67
Carapa	0.53
Carapa guianensis	0.53
Cariniana	0.57
Cariniana estrellensis	0.68
Cariniana legalis	0.49
Cariniana pyriformis	0.54
Carpinus	0.64
Carpinus betulus	0.69
Carpinus caroliniana	0.58
Carya	0.62
Carya alba	0.64
Carya aquatica	0.61
Carya cordiformis	0.60
Carya glabra	0.66
Carya illinoinensis	0.60
Carya laciniosa	0.62
Carya myristiciformis	0.56
Carya ovata	0.64
Casearia	0.67
Casearia aculeata	0.66
Casearia arborea	0.57
Casearia decandra	0.67
Casearia guianensis	0.72
Casearia nitida	0.67
Casearia sylvestris	0.71
Cassia	0.77
Cassia ferruginea	0.87
Cassia fistula	0.90
Cassia javanica	0.62
Cassia x nealiae	0.67
Cassipourea	0.82
Cassipourea guianensis	0.82
Castanea	0.48
Castanea dentata	0.40
Castanea mollissima	0.57
Castanea sativa	0.46
Castanospermum	0.62
Castanospermum australe	0.62
Castilla	0.57
Castilla elastica	0.57
Casuarina	0.84
Casuarina cristata	0.98
Casuarina cunninghamiana	0.70
Casuarina equisetifolia	0.77
Casuarina glauca	0.77
Casuarina pauper	0.97
Catalpa	0.51
Catalpa bignonioides	0.37
Catalpa bungei	0.52
Catalpa longissima	0.77
Catalpa speciosa	0.38
Ceanothus	0.69
Ceanothus cuneatus	0.70
Ceanothus oliganthus	0.67
Cecropia	0.36
Cecropia hololeuca	0.43
Cecropia obtusifolia	0.31
Cecropia pachystachya	0.41
Cecropia schreberiana	0.30
Cedrela	0.46
Cedrela fissilis	0.49
Cedrela montana	0.34
Cedrela odorata	0.43
Cedrus	0.44
Cedrus atlantica	0.44
Cedrus deodara	0.44
Ceiba	0.30
Ceiba erianthos	0.20
Ceiba pentandra	0.31
Ceiba speciosa	0.39
Celtis	0.54
Celtis australis	0.55
Celtis iguanaea	0.66
Celtis laevigata	0.48
Celtis occidentalis	0.49
Celtis paniculata	0.55
Celtis sinensis	0.53

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Celtis tetrandra	0.52
Centrolobium	0.75
Centrolobium tomentosum	0.75
Cephalotaxus	0.53
Cephalotaxus fortunei	0.53
Ceratonia	0.52
Ceratonia siliqua	0.52
Ceratopetalum	0.52
Ceratopetalum apetalum	0.52
Cercidiphyllum	0.43
Cercidiphyllum japonicum	0.43
Cercis	0.59
Cercis canadensis	0.59
Cercis siliquastrum	0.60
Cercocarpus	0.80
Cercocarpus montanus v. glaber	0.80
Ceriops	0.84
Ceriops tagal	0.84
Cespedesia	0.61
Cespedesia spathulata	0.61
Chamaecyparis	0.42
Chamaecyparis lawsoniana	0.40
Chamaecyparis nootkatensis	0.42
Chamaecyparis obtusa	0.49
Chamaecyparis thyoides	0.38
Chilopsis	0.60
Chilopsis linearis	0.60
Chionanthus	0.84
Chionanthus domingensis	0.81
Chionanthus ligustrinus	0.86
Chorisia	0.29
Chorisia speciosa	0.29
Chrysobalanus	0.75
Chrysobalanus icaco	0.75
Chrysolepis	0.42
Chrysolepis chrysophylla	0.42
Chrysophyllum	0.74
Chrysophyllum argenteum	0.78
Chrysophyllum cainito	0.69
Chrysophyllum marginatum	0.70
Chrysophyllum oliviforme	0.77
Cinchona	0.54
Cinchona pubescens	0.54
Cinnamomum	0.51
Cinnamomum burmannii	0.49
Cinnamomum camphora	0.51
Cinnamomum cassia	0.54
Cinnamomum elongatum	0.51
Cinnamomum verum	0.50
Citharexylum	0.74
Citharexylum fruticosum	0.78
Citharexylum spinosum	0.70
Citrus	0.74
Citrus medica	0.70
Citrus sinensis	0.78
Clarisia	0.57
Clarisia racemosa	0.57
Clethra	0.49
Clethra scabra	0.49
Cleyera	0.55
Cleyera japonica	0.55
Clusia	0.81
Clusia clusioides	0.90
Clusia gundlachii	0.90
Clusia rosea	0.64
Coccoloba	0.76
Coccoloba acuminata	0.58
Coccoloba diversifolia	0.80
Coccoloba pubescens	1.00
Coccoloba swartzii	0.70
Coccoloba uvifera	0.70
Cochlospermum	0.22
Cochlospermum vitifolium	0.22
Cocos	0.52
Cocos nucifera	0.52
Coffea	0.62
Coffea arabica	0.62
Cojoba	0.65

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Cojoba arborea	0.65
Cola	0.51
Cola acuminata	0.51
Colubrina	0.75
Colubrina arborescens	0.70
Colubrina elliptica	0.80
Colubrina glandulosa	0.74
Commersonia	0.40
Commersonia bartramia	0.40
Conocarpus	0.85
Conocarpus erectus	0.85
Copaifera	0.55
Copaifera officinalis	0.60
Cordia	0.61
Cordia alliodora	0.53
Cordia americana	0.72
Cordia borinquensis	0.70
Cordia collococca	0.42
Cordia dichotoma	0.45
Cordia gerascanthus	0.75
Cordia myxa	0.36
Cordia sebestena	0.70
Cordia subcordata	0.57
Cordia sulcata	0.60
Cordia trichotoma	0.60
Cornus	0.61
Cornus controversa	0.54
Cornus florida	0.64
Cornus nuttallii	0.58
Cornus sanguinea	0.68
Corylus	0.52
Corylus avellana	0.52
Corymbia	0.84
Corymbia citriodora	0.82
Corymbia confertiflora	0.78
Corymbia ficifolia	0.79
Corymbia gummifera	0.82
Corymbia henryi	0.87
Corymbia maculata	0.84
Corymbia nesophila	0.85
Corymbia polycarpa	0.87
Corymbia terminalis	0.87
Corymbia tessellaris	0.92
Corymbia torelliana	0.76
Corymbia trachyphloia	0.88
Couratari	0.59
Couratari asterotricha	0.51
Couratari macrosperma	0.67
Couroupita	0.44
Couroupita guianensis	0.44
Coutarea	0.60
Coutarea hexandra	0.60
Crataegus	0.52
Crataegus calpodendron	0.62
Crataegus laevigata	0.62
Crataegus monogyna	0.70
Crescentia	0.67
Crescentia alata	0.71
Crescentia cujete	0.62
Croton	0.60
Croton floribundus	0.60
Croton poecilanthus	0.60
Cryptocarya	0.60
Cryptocarya aschersoniana	0.57
Cryptocarya cunninghamii	0.67
Cryptocarya glaucescens	0.55
Cryptomeria	0.40
Cryptomeria japonica	0.40
Cunninghamia	0.32
Cunninghamia lanceolata	0.32
Cupania	0.63
Cupania americana	0.57
Cupania oblongifolia	0.67
Cupania vernalis	0.66
Cupaniopsis	0.68
Cupaniopsis anacardioides	0.68
Cupressus	0.44
Cupressus funebris	0.47

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Cupressus lusitanica	0.44
Cupressus macrocarpa	0.41
Cupressus sempervirens	0.44
Cupressus torulosa	0.44
Cussonia	0.44
Cussonia spicata	0.44
Cybistax	0.59
Cybistax antisyphilitica	0.59
Cynometra	0.79
Cynometra ramiflora	0.79
Cynophalla	0.66
Cynophalla amplissima	0.66
Cyrilla	0.57
Cyrilla racemiflora	0.57
Dacryodes	0.50
Dacryodes excelsa	0.50
Dalbergia	0.79
Dalbergia brasiliensis	0.91
Dalbergia nigra	0.77
Dalbergia sissoo	0.68
Damburneya	0.48
Damburneya coriacea	0.48
Davidia	0.45
Davidia involucrata	0.45
Delonix	0.53
Delonix regia	0.53
Dendropanax	0.42
Dendropanax arboreus	0.42
Diatenopteryx	0.74
Diatenopteryx sorbifolia	0.74
Dichrostachys	0.99
Dichrostachys cinerea	0.99
Dillenia	0.57
Dillenia alata	0.55
Dillenia indica	0.70
Dillenia suffruticosa	0.45
Dimocarpus	0.70
Dimocarpus longan	0.70
Diospyros	0.76
Diospyros blancoi	0.88
Diospyros digyna	0.79
Diospyros ebenum	0.74
Diospyros inconstans	0.83
Diospyros kaki	0.63
Diospyros maritima	0.56
Diospyros sandwicensis	0.94
Diospyros virginiana	0.67
Diphysa	0.98
Diphysa thurberi	0.98
Dipterocarpus	0.69
Dipterocarpus caudatus	0.69
Dirca	0.33
Dirca occidentalis	0.33
Dodonaea	0.95
Dodonaea viscosa	0.95
Dolichandrone	0.43
Dolichandrone spathacea	0.43
Doryphora	0.52
Doryphora sassafras	0.52
Dracaena	0.41
Dracaena reflexa	0.41
Drimys	0.40
Drimys winteri	0.40
Drypetes	0.75
Drypetes lateriflora	0.75
Durio	0.52
Durio zibethinus	0.52
Ecclinusa	0.96
Ecclinusa ramiflora	0.96
Ehretia	0.51
Ehretia acuminata	0.50
Ehretia thyrsiflora	0.52
Elaeagnus	0.50
Elaeagnus angustifolia	0.50
Elaeocarpus	0.65
Elaeocarpus eumundi	0.70
Elaeocarpus obovatus	0.61
Elaeocarpus reticulatus	0.63

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Elaeodendron	0.70
Elaeodendron australe	0.73
Elaeodendron orientale	0.68
Embothrium	0.49
Embothrium coccineum	0.49
Endiandra	0.62
Endiandra sieberi	0.62
Endlicheria	0.63
Endlicheria paniculata	0.63
Endospermum	0.35
Endospermum chinense	0.35
Enterolobium	0.42
Enterolobium contortisiliquum	0.40
Enterolobium cyclocarpum	0.43
Eriobotrya	0.74
Eriobotrya deflexa	0.78
Eriobotrya japonica	0.70
Eriodictyon	0.54
Eriodictyon californicum	0.54
Eriotheca	0.43
Eriotheca candolleana	0.43
Eriotheca pentaphylla	0.43
Erythrina	0.27
Erythrina crista-galli	0.27
Erythrina edulis	0.22
Erythrina falcata	0.32
Erythrina fusca	0.30
Erythrina lysistemon	0.33
Erythrina poeppigiana	0.31
Erythrina subumbrans	0.23
Erythrina variegata	0.28
Erythrina vespertilio	0.16
Erythrophleum	1.04
Erythrophleum chlorostachys	1.04
Erythroxylum	1.07
Erythroxylum pulchrum	1.07
Eucalyptus	0.79
Eucalyptus accedens	0.90
Eucalyptus acmenoides	0.87
Eucalyptus agglomerata	0.60
Eucalyptus albens	0.94
Eucalyptus amplifolia	0.74
Eucalyptus amygdalina	0.61
Eucalyptus andrewsii	0.72
Eucalyptus astringens	0.82
Eucalyptus baileyana	0.80
Eucalyptus bancroftii	0.76
Eucalyptus baueriana	0.76
Eucalyptus baxteri	0.67
Eucalyptus blakelyi	0.82
Eucalyptus blaxlandii	0.59
Eucalyptus bosistoana	0.92
Eucalyptus botryoides	0.72
Eucalyptus bridgesiana	0.79
Eucalyptus caleyi	0.94
Eucalyptus calophylla	0.69
Eucalyptus calycogona	0.93
Eucalyptus camaldulensis	0.72
Eucalyptus capitellata	0.70
Eucalyptus carnea	0.84
Eucalyptus cinerea	0.66
Eucalyptus cladocalyx	0.86
Eucalyptus cloeziana	0.84
Eucalyptus conica	0.93
Eucalyptus consideniana	0.76
Eucalyptus coolabah	0.96
Eucalyptus cornuta	0.91
Eucalyptus crebra	0.94
Eucalyptus cypellocarpa	0.65
Eucalyptus dalrympleana	0.59
Eucalyptus dealbata	0.83
Eucalyptus deanei	0.64
Eucalyptus decorticans	0.98
Eucalyptus deglupta	0.45
Eucalyptus delegatensis	0.56
Eucalyptus diversicolor	0.75
Eucalyptus dives	0.65
Eucalyptus dunnii	0.66

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Eucalyptus elata	0.66
Eucalyptus eremophila	0.92
Eucalyptus erythrocorys	0.70
Eucalyptus erythronema	0.89
Eucalyptus eugenioides	0.78
Eucalyptus exserta	0.87
Eucalyptus fastigata	0.60
Eucalyptus fibrosa	0.96
Eucalyptus fraxinoides	0.50
Eucalyptus globoidea	0.68
Eucalyptus globulus	0.67
Eucalyptus gomphocephala	0.87
Eucalyptus goniocalyx	0.78
Eucalyptus gracilis	0.92
Eucalyptus grandis	0.66
Eucalyptus haemastoma	0.71
Eucalyptus intertexta	1.03
Eucalyptus kingsmillii	0.88
Eucalyptus largiflorens	0.94
Eucalyptus leucoxylon	0.86
Eucalyptus longifolia	0.88
Eucalyptus macarthurii	0.64
Eucalyptus macrorhyncha	0.71
Eucalyptus major	0.91
Eucalyptus mannifera	0.67
Eucalyptus marginata	0.71
Eucalyptus melanophloia	0.93
Eucalyptus melliodora	0.91
Eucalyptus microcarpa	0.91
Eucalyptus microcorys	0.84
Eucalyptus microtheca	0.98
Eucalyptus miniata	0.90
Eucalyptus moluccana	0.95
Eucalyptus muelleriana	0.77
Eucalyptus nitens	0.54
Eucalyptus nova-anglica	0.69
Eucalyptus obliqua	0.61
Eucalyptus orbifolia	0.98
Eucalyptus oreades	0.56
Eucalyptus pachyphylla	0.92
Eucalyptus paniculata	0.93
Eucalyptus parramattensis	0.72
Eucalyptus pellita	0.73
Eucalyptus phoenicea	0.81
Eucalyptus pilularis	0.76
Eucalyptus piperita	0.68
Eucalyptus planchoniana	0.79
Eucalyptus polyanthemos	0.89
Eucalyptus populnea	0.94
Eucalyptus propinqua	0.89
Eucalyptus punctata	0.91
Eucalyptus quadrangulata	0.77
Eucalyptus radiata	0.62
Eucalyptus raveretiana	0.94
Eucalyptus regnans	0.52
Eucalyptus resinifera	0.82
Eucalyptus robusta	0.51
Eucalyptus rubida	0.59
Eucalyptus rudis	0.52
Eucalyptus saligna	0.74
Eucalyptus salmonophloia	0.89
Eucalyptus salubris	0.94
Eucalyptus seeana	0.83
Eucalyptus siderophloia	0.95
Eucalyptus sideroxylon	0.93
Eucalyptus sieberi	0.68
Eucalyptus stricklandii	0.92
Eucalyptus tereticornis	0.83
Eucalyptus tetraptera	0.83
Eucalyptus thozetiana	0.96
Eucalyptus tindaliae	0.79
Eucalyptus torquata	0.90
Eucalyptus umbra	0.82
Eucalyptus urophylla	0.48
Eucalyptus viminalis	0.62
Eucalyptus woodwardii	1.00
Eucalyptus woollsiana	0.93
Eucalyptus youmanii	0.97

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Eucryphia	0.61
Eucryphia lucida	0.61
Eugenia	0.77
Eugenia axillaris	0.75
Eugenia biflora	0.80
Eugenia brasiliensis	0.71
Eugenia confusa	0.81
Eugenia florida	0.75
Eugenia foetida	0.71
Eugenia ligustrina	0.98
Eugenia paniculata	0.62
Eugenia pseudopsidium	0.82
Eugenia stahlii	0.73
Eugenia uniflora	0.83
Euphorbia	0.46
Euphorbia neriifolia	0.41
Euphorbia tirucalli	0.51
Eupomatia	0.54
Eupomatia laurina	0.54
Euroschinus	0.41
Euroschinus falcata	0.41
Eurya	0.62
Eurya japonica	0.62
Excoecaria	0.40
Excoecaria agallocha	0.40
Exocarpos	0.75
Exocarpos aphyllus	0.85
Exocarpos cupressiformis	0.65
Exostema	1.00
Exostema caribaeum	1.00
Exothea	0.73
Exothea paniculata	0.73
Fagraea	0.83
Fagraea berteroana	0.83
Fagus	0.57
Fagus crenata	0.55
Fagus grandifolia	0.57
Fagus sylvatica	0.58
Faramea	0.58
Faramea occidentalis	0.58
Ficus	0.42
Ficus altissima	0.47
Ficus americana	0.40
Ficus aurea	0.44
Ficus benghalensis	0.49
Ficus benjamina	0.46
Ficus citrifolia	0.40
Ficus coronata	0.40
Ficus drupacea	0.21
Ficus elastica	0.62
Ficus fraseri	0.40
Ficus insipida	0.36
Ficus macrophylla	0.30
Ficus obliqua	0.52
Ficus platypoda	0.50
Ficus racemosa	0.36
Ficus religiosa	0.44
Ficus septica	0.42
Ficus sycomorus	0.42
Ficus thonningii	0.47
Ficus trigonata	0.43
Ficus variegata	0.33
Ficus virens	0.34
Ficus watkinsiana	0.37
Filicium	0.88
Filicium decipiens	0.88
Firmiana	0.44
Firmiana simplex	0.44
Fitzroya	0.43
Fitzroya cupressoides	0.43
Flacourtia	0.74
Flacourtia indica	0.74
Flacourtia inermis	0.72
Flacourtia rukam	0.75
Flindersia	0.67
Flindersia australis	0.80
Flindersia bennettiana	0.68
Flindersia brayleyana	0.48

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Flindersia maculosa	0.83
Flindersia schottiana	0.58
Frangula	0.50
Frangula alnus	0.50
Frangula purshiana	0.50
Fraxinus	0.53
Fraxinus americana	0.55
Fraxinus angustifolia	0.51
Fraxinus chinensis	0.56
Fraxinus excelsior	0.57
Fraxinus griffithii	0.60
Fraxinus holotricha	0.51
Fraxinus latifolia	0.50
Fraxinus mandshurica	0.55
Fraxinus nigra	0.45
Fraxinus pennsylvanica	0.53
Fraxinus profunda	0.48
Fraxinus quadrangulata	0.53
Fraxinus uhdei	0.51
Fraxinus velutina	0.51
Gallesia	0.55
Gallesia integrifolia	0.55
Ganophyllum	0.71
Ganophyllum falcatum	0.71
Garcinia	0.76
Garcinia dulcis	0.72
Garcinia madruno	0.73
Garcinia mangostana	0.81
Garcinia myrtifolia	0.75
Garcinia xanthochymus	0.78
Geijera	0.77
Geijera parviflora	0.77
Genipa	0.75
Genipa americana	0.63
Ginkgo	0.49
Ginkgo biloba	0.49
Gleditsia	0.60
Gleditsia triacanthos	0.60
Gliricidia	0.58
Gliricidia sepium	0.58
Glycosmis	0.44
Glycosmis parviflora	0.44
Gmelina	0.41
Gmelina arborea	0.34
Gmelina leichardtii	0.47
Gochnatia	0.76
Gochnatia polymorpha	0.76
Grevillea	0.72
Grevillea baileyana	0.80
Grevillea hilliana	0.84
Grevillea nematophylla	0.66
Grevillea robusta	0.52
Grevillea striata	0.80
Grewia	0.46
Grewia crenata	0.46
Griselinia	0.63
Griselinia littoralis	0.63
Guaiacum	1.18
Guaiacum officinale	1.18
Guapira	0.83
Guapira opposita	0.83
Guarea	0.52
Guarea glabra	0.48
Guarea guidonia	0.61
Guarea kunthiana	0.62
Guarea macrophylla	0.65
Guatteria	0.36
Guatteria blainii	0.80
Guatteria caribaea	0.80
Guatteria nigrescens	0.59
Guazuma	0.59
Guazuma crinita	0.64
Guazuma ulmifolia	0.53
Guettarda	0.69
Guettarda elliptica	0.80
Guettarda scabra	0.73
Guettarda speciosa	0.59
Guettarda valenzuelana	0.65

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Gymnanthes	1.10
Gymnanthes lucida	1.10
Gymnocladus	0.53
Gymnocladus dioicus	0.53
Gyrocarpus	0.24
Gyrocarpus americanus	0.24
Haematoxylum	0.93
Haematoxylum brasiletto	0.92
Haematoxylum campechianum	0.93
Hakea	0.78
Hakea francisiana	0.68
Hakea leucoptera	0.81
Hakea lorea	0.85
Halesia	0.42
Halesia carolina	0.42
Hamamelis	0.56
Hamamelis virginiana	0.56
Harpullia	0.65
Harpullia arborea	0.54
Harpullia pendula	0.76
Heliocarpus	0.24
Heliocarpus popayanensis	0.24
Henriettea	0.74
Henriettea squamulosa	0.74
Heritiera	0.85
Heritiera littoralis	0.85
Hernandia	0.28
Hernandia sonora	0.28
Heteropanax	0.34
Heteropanax fragrans	0.34
Heterotrichum	0.60
Heterotrichum cymosum	0.60
Hevea	0.47
Hevea brasiliensis	0.47
Hibiscus	0.58
Hibiscus elatus	0.60
Hibiscus speciosissimus	0.70
Hibiscus tiliaceus	0.45
Hieronyma	0.64
Hieronyma alchorneoides	0.64
Hippomane	0.50
Hippomane mancinella	0.50
Hirtella	0.82
Hirtella rugosa	0.90
Hirtella triandra	0.73
Holodiscus	0.71
Holodiscus discolor	0.71
Homalium	0.79
Homalium racemosum	0.79
Hopea	0.64
Hopea odorata	0.64
Hovenia	0.54
Hovenia dulcis	0.54
Hura	0.37
Hura crepitans	0.37
Hymenaea	0.77
Hymenaea courbaril	0.77
Hymenosporum	0.61
Hymenosporum flavum	0.61
Ilex	0.62
Ilex aquifolium	0.65
Ilex chinensis	0.63
Ilex opaca	0.50
Ilex paraguariensis	0.57
Ilex sideroxyloides	0.77
Inga	0.58
Inga cylindrica	0.48
Inga edulis	0.63
Inga ingoides	0.50
Inga laurina	0.65
Inga marginata	0.58
Inga nobilis	0.56
Inga uraguensis	0.63
Inga vera	0.58
Inocarpus	0.50
Inocarpus fagifer	0.50
Intsia	0.71
Intsia bijuga	0.71

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Ixora	0.96
Ixora pavetta	0.96
Jacaranda	0.49
Jacaranda micrantha	0.48
Jacaranda mimosifolia	0.49
Jagera	0.68
Jagera pseudorhus	0.68
Jatropha	0.17
Jatropha curcas	0.17
Joannesia	0.52
Joannesia princeps	0.52
Juglans	0.46
Juglans ailanthifolia	0.36
Juglans cinerea	0.36
Juglans mandshurica	0.44
Juglans microcarpa	0.53
Juglans nigra	0.51
Juglans regia	0.56
Juniperus	0.48
Juniperus chinensis	0.52
Juniperus communis	0.52
Juniperus deppeana	0.48
Juniperus virginiana	0.44
Juniperus virginiana v. silicicola	0.42
Kalmia	0.62
Kalmia latifolia	0.62
Kalopanax	0.39
Kalopanax septemlobus	0.39
Khaya	0.55
Khaya anthotheca	0.49
Khaya grandifoliola	0.53
Khaya senegalensis	0.63
Kigelia	0.56
Kigelia africana	0.56
Kleinhovia	0.43
Kleinhovia hospita	0.43
Koelreuteria	0.60
Koelreuteria bipinnata	0.57
Koelreuteria elegans	0.60
Koelreuteria paniculata	0.62
Krugiodendron	1.15
Krugiodendron ferreum	1.15
Kunzea	0.77
Kunzea ericoides	0.77
Laetia	0.65
Laetia procera	0.65
Lagarostrobos	0.46
Lagarostrobos franklinii	0.46
Lagerstroemia	0.57
Lagerstroemia indica	0.57
Lagerstroemia speciosa	0.61
Laguncularia	0.61
Laguncularia racemosa	0.61
Lansium	0.70
Lansium domesticum	0.70
Larix	0.45
Larix decidua	0.47
Larix kaempferi	0.41
Larix laricina	0.49
Larix leptolepis	0.45
Larix occidentalis	0.48
Larix potaninii	0.42
Lecythis	0.94
Lecythis lanceolata	1.01
Lecythis pisonis	0.86
Leptospermum	0.81
Leptospermum lanigerum	0.56
Leptospermum polygalifolium ssp. polygalifolium	0.84
Leptospermum scoparium	1.03
Leucaena	0.61
Leucaena leucocephala	0.69
Leucaena pulverulenta	0.52
Licania	0.78
Licania kunthiana	0.88
Licania tomentosa	0.98
Licaria	0.82
Licaria parvifolia	0.80

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Licaria triandra	0.90
Ligustrum	0.72
Ligustrum lucidum	0.63
Ligustrum vulgare	0.80
Liquidambar	0.48
Liquidambar formosana	0.49
Liquidambar styraciflua	0.46
Liriodendron	0.42
Liriodendron chinense	0.47
Liriodendron tulipifera	0.38
Litchi	0.85
Litchi chinensis	0.85
Lonchocarpus	0.69
Lonchocarpus heptaphyllus	0.69
Lonchocarpus muehlbergianus	0.66
Lophostemon	0.72
Lophostemon confertus	0.75
Lophostemon suaveolens	0.68
Loropetalum	0.81
Loropetalum chinense	0.81
Luehea	0.50
Luehea divaricata	0.56
Lumnitzera	0.69
Lumnitzera littorea	0.69
Lysidice	0.52
Lysidice rhodostegia	0.52
Lysiloma	0.71
Lysiloma bahamensis	0.60
Lysiloma latisiliquum	0.62
Lysiloma microphylla	0.92
Macadamia	0.90
Macadamia integrifolia	0.90
Macaranga	0.37
Macaranga mappa	0.27
Macaranga tanarius	0.46
Machaerium	0.70
Machaerium aculeatum	0.24
Machaerium incorruptibile	0.95
Machaerium isadelphum	0.66
Machaerium lunatum	0.24
Machaerium tipu	0.59
Machilus	0.47
Machilus thunbergii	0.47
Maclura	0.76
Maclura pomifera	0.76
Maclura tinctoria	0.75
Maesopsis	0.38
Maesopsis eminii	0.38
Magnolia	0.52
Magnolia acuminata	0.44
Magnolia denudata	0.44
Magnolia fraseri	0.40
Magnolia grandiflora	0.42
Magnolia ovata	0.52
Magnolia portoricensis	0.70
Magnolia splendens	0.59
Magnolia virginiana	0.42
Mallotus	0.60
Mallotus philippensis	0.60
Malouetia	0.58
Malouetia cestroides	0.58
Malus	0.61
Malus angustifolia	0.61
Malus baccata	0.56
Malus pumila	0.65
Mammea	0.63
Mammea americana	0.63
Mangifera	0.51
Mangifera indica	0.55
Mangifera odorata	0.47
Manilkara	0.84
Manilkara bidentata	0.87
Manilkara zapota	0.81
Maranthes	0.80
Maranthes corymbosa	0.80
Margaritaria	0.62
Margaritaria nobilis	0.62
Markhamia	0.47

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Markhamia lutea	0.47
Matayba	0.76
Matayba domingensis	0.70
Matayba guianensis	0.82
Matisia	0.37
Matisia cordata	0.37
Maytenus	0.71
Maytenus boaria	0.62
Maytenus ilicifolia	0.72
Maytenus obtusifolia	0.75
Maytenus robusta	0.77
Melaleuca	0.73
Melaleuca argentea	0.87
Melaleuca bracteata	0.87
Melaleuca glomerata	0.67
Melaleuca linariifolia	0.68
Melaleuca quinquenervia	0.58
Melanococca	0.37
Melanococca tomentosa	0.37
Melanolepis	0.34
Melanolepis multiglandulosa	0.34
Melastoma	0.44
Melastoma malabathricum	0.44
Melia	0.44
Melia azedarach	0.44
Melicope	0.52
Melicope elleryana	0.52
Meliosma	0.42
Meliosma herbertii	0.42
Melochia	0.32
Melochia umbellata	0.32
Metasequoia	0.28
Metasequoia glyptostroboides	0.28
Metopium	0.51
Metopium toxiferum	0.51
Metrosideros	0.85
Metrosideros excelsa	1.15
Metrosideros polymorpha	0.76
Metrosideros robusta	0.65

Scientific Name	Wood Density tonne/m^3
Michelia	0.53
Michelia champaca	0.53
Miconia	0.64
Miconia calvescens	0.42
Miconia cinnamomifolia	0.73
Miconia mirabilis	0.60
Miconia prasina	0.70
Miconia splendens	0.69
Miconia tetrandra	0.70
Micropholis	0.65
Micropholis garciniifolia	0.64
Micropholis guyanensis	0.66
Mimosa	0.82
Mimosa arenosa	1.01
Mimosa artemisiana	0.91
Mimosa bimucronata	0.61
Mimosa pigra	0.73
Mimusops	0.85
Mimusops elengi	0.85
Morella	0.68
Morella faya	0.66
Morella rubra	0.70
Morinda	0.63
Morinda citrifolia	0.63
Moringa	0.26
Moringa oleifera	0.26
Morisonia	0.88
Morisonia americana	0.88
Morus	0.52
Morus alba	0.55
Morus nigra	0.52
Muntingia	0.30
Muntingia calabura	0.30
Murraya paniculata	0.87
Myoporum	0.88
Myoporum platycarpum	0.88
Myrcia	0.85
Myrcia deflexa	0.80
Myrcia fallax	0.82

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Myrcia splendens	0.80
Myrcia tomentosa	0.96
Myrciaria	0.77
Myrciaria floribunda	0.77
Myristica	0.46
Myristica insipida	0.48
Myrocarpus	0.80
Myrocarpus frondosus	0.80
Myrospermum	0.83
Myrospermum frutescens	0.83
Myroxylon	0.81
Myroxylon balsamum	0.78
Myroxylon peruiferum	0.83
Myrsine	0.70
Myrsine australis	0.75
Myrsine coriacea	0.65
Nauclea	0.48
Nauclea orientalis	0.48
Nectandra	0.52
Nectandra hihua	0.42
Nectandra krugii	0.50
Nectandra rigida	0.59
Nectandra turbacensis	0.55
Nephelium	0.71
Nephelium lappaceum	0.71
Nerium	0.60
Nerium oleander	0.60
Neuburgia	0.34
Neuburgia celebica	0.34
Notelaea	0.87
Notelaea longifolia	0.87
Nothofagus	0.56
Nothofagus alpina	0.55
Nothofagus antarctica	0.52
Nothofagus cunninghamii	0.60
Nothofagus dombeyi	0.56
Nothofagus fusca	0.62
Nothofagus obliqua	0.56
Nothofagus pumilio	0.48
Notholithocarpus	0.58
Notholithocarpus densiflorus	0.58
Nyctanthes	0.88
Nyctanthes arbor-tristis	0.88
Nyssa	0.51
Nyssa aquatica	0.46
Nyssa sinensis	0.60
Nyssa sylvatica	0.46
Ochroma	0.15
Ochroma pyramidale	0.15
Ocotea	0.51
Ocotea floribunda	0.40
Ocotea leucoxylon	0.46
Ocotea moschata	0.60
Ocotea spathulata	0.62
Olea	0.76
Olea europaea	0.76
Ormosia	0.59
Ormosia arborea	0.70
Ormosia krugii	0.50
Osmanthus	0.84
Osmanthus fragrans	0.84
Ostrya	0.63
Ostrya virginiana	0.63
Oxandra	0.81
Oxandra lanceolata	0.81
Oxydendrum	0.50
Oxydendrum arboreum	0.50
Pachira	0.40
Pachira aquatica	0.38
Pachira insignis	0.39
Pachira quinata	0.42
Palaquium	0.52
Palaquium bataanense	0.52
Palicourea	0.55
Palicourea crocea	0.56
Palicourea guianensis	0.54
Pangium	0.50
Pangium edule	0.50

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Parapiptadenia	1.07
Parapiptadenia rigida	1.07
Parinari	0.69
Parinari pachyphylla	0.69
Parkia	0.44
Parkia pendula	0.53
Parkia timoriana	0.34
Parkinsonia	0.61
Parkinsonia aculeata	0.61
Parkinsonia florida	0.62
Parkinsonia praecox	0.60
Paulownia	0.27
Paulownia fortunei	0.26
Paulownia tomentosa	0.28
Peltogyne	0.80
Peltogyne angustiflora	0.80
Peltophorum	0.65
Peltophorum dubium	0.74
Peltophorum pterocarpum	0.56
Pemphis	0.94
Pemphis acidula	0.94
Pentadesma	0.81
Pentadesma butyracea	0.81
Pera	0.67
Pera glabrata	0.67
Pericopsis	0.70
Pericopsis mooniana	0.70
Persea	0.52
Persea americana	0.55
Persea caerulea	0.42
Persea indica	0.43
Persea lingue	0.45
Persoonia	0.78
Persoonia falcata	0.78
Petalostigma	0.91
Petalostigma pubescens	0.91
Petitia	0.66
Petitia domingensis	0.66
Phellodendron	0.39
Phellodendron amurense	0.39
Phoenix	0.37
Phoenix canariensis	0.37
Phoenix dactylifera	0.37
Photinia	0.79
Photinia serratifolia	0.79
Phyllanthus	0.61
Phyllanthus acidus	0.60
Phyllanthus emblica	0.64
Phyllanthus ferdinandi	0.59
Phytolacca	0.26
Phytolacca dioica	0.26
Picea	0.37
Picea abies	0.37
Picea asperata	0.31
Picea brachytyla	0.44
Picea engelmannii	0.33
Picea glauca	0.33
Picea jezoensis	0.39
Picea koraiensis	0.36
Picea likiangensis	0.37
Picea mariana	0.38
Picea pungens	0.36
Picea rubens	0.37
Picea sitchensis	0.37
Picea smithiana	0.44
Pictetia	0.80
Pictetia aculeata	0.80
Pimenta	0.93
Pimenta dioica	0.96
Pimenta racemosa	0.90
Pinus	0.44
Pinus armandii	0.37
Pinus banksiana	0.40
Pinus brutia	0.43
Pinus bungeana	0.42
Pinus canariensis	0.61
Pinus caribaea	0.57
Pinus clausa	0.46

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Pinus contorta	0.38
Pinus contorta v. bolanderi	0.38
Pinus densiflora	0.41
Pinus echinata	0.47
Pinus edulis	0.50
Pinus eldarica	0.54
Pinus elliottii	0.54
Pinus flexilis	0.37
Pinus glabra	0.41
Pinus halepensis	0.46
Pinus jeffreyi	0.37
Pinus kesiya	0.47
Pinus koraiensis	0.38
Pinus lambertiana	0.34
Pinus leiophylla	0.46
Pinus massoniana	0.48
Pinus merkusii	0.53
Pinus monticola	0.35
Pinus nigra	0.43
Pinus oocarpa	0.58
Pinus palustris	0.54
Pinus patula	0.45
Pinus pinaster	0.41
Pinus pinea	0.50
Pinus ponderosa	0.38
Pinus pungens	0.49
Pinus radiata	0.40
Pinus resinosa	0.41
Pinus rigida	0.47
Pinus roxburghii	0.33
Pinus serotina	0.51
Pinus strobus	0.34
Pinus sylvestris	0.42
Pinus tabulaeformis	0.36
Pinus taeda	0.47
Pinus thunbergiana	0.44
Pinus uncinata	0.41
Pinus virginiana	0.45
Pinus wallichiana	0.38
Pinus yunnanensis	0.50
Piptadenia	0.70
Piptadenia gonoacantha	0.70
Piscidia	0.80
Piscidia carthagenensis	0.80
Pisonia	0.39
Pisonia subcordata	0.50
Pisonia umbellifera	0.28
Pistacia	0.68
Pistacia chinensis	0.68
Pithecellobium	0.73
Pithecellobium dulce	0.73
Pittosporum	0.62
Pittosporum angustifolium	0.68
Pittosporum ferrugineum	0.51
Pittosporum pentandrum	0.54
Pittosporum undulatum	0.74
Pittosporum viridiflorum	0.63
Planchonella	0.86
Planchonella obovata	0.86
Platanus	0.48
Platanus occidentalis	0.45
Platanus orientalis	0.48
Platanus racemosa	0.48
Platanus x hybrida	0.53
Plathymenia	0.50
Plathymenia reticulata	0.50
Platycladus	0.52
Platycladus orientalis	0.52
Platycyamus	0.81
Platycyamus regnellii	0.81
Platymiscium	0.84
Platymiscium floribundum	0.89
Platymiscium pinnatum	0.72
Platypodium	0.81
Platypodium elegans	0.81
Pleroma	0.66
Pleroma mutabile	0.66
Plumeria	0.65

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Plumeria alba	0.80
Plumeria rubra	0.50
Podocarpus	0.46
Podocarpus coriaceus	0.70
Podocarpus elatus	0.48
Podocarpus macrophyllus	0.47
Podocarpus nagi	0.44
Podocarpus totara	0.45
Polyalthia	0.58
Polyalthia australis	0.60
Polyalthia longifolia	0.56
Polyscias	0.41
Polyscias elegans	0.41
Pongamia	0.60
Pongamia indica	0.60
Populus	0.36
Populus alba	0.35
Populus angustifolia	0.35
Populus balsamifera	0.31
Populus balsamifera ssp. trichocarp	0.31
Populus davidiana	0.40
Populus deltoides	0.39
Populus deltoides ssp. monilifera	0.37
Populus fremontii	0.41
Populus grandidentata	0.36
Populus koreana	0.33
Populus lasiocarpa	0.41
Populus maximowiczii	0.31
Populus nigra	0.35
Populus simonii	0.32
Populus tomentosa	0.45
Populus tremula	0.37
Populus tremuloides	0.35
Populus x canadensis	0.35
Populus yunnanensis	0.34
Posoqueria	0.64
Posoqueria acutifolia	0.70
Posoqueria latifolia	0.57
Pouteria	0.67
Pouteria caimito	0.82
Pouteria campechiana	0.79
Pouteria multiflora	0.75
Pouteria obovata	0.72
Pouteria sapota	0.86
Pouteria torta	0.77
Prockia	0.58
Prockia crucis	0.58
Prosopis	0.75
Prosopis alba	0.67
Prosopis alpataco	0.67
Prosopis caldenia	0.58
Prosopis chilensis	0.74
Prosopis cineraria	0.66
Prosopis glandulosa	0.71
Prosopis juliflora	0.78
Prosopis kuntzei	1.01
Prosopis pallida	0.88
Prosopis ruscifolia	0.79
Prosopis velutina	0.79
Protium	0.62
Protium heptaphyllum	0.62
Prunus	0.56
Prunus armeniaca	0.68
Prunus avium	0.47
Prunus caroliniana	0.56
Prunus cerasifera	0.47
Prunus ilicifolia	0.73
Prunus lusitanica	0.61
Prunus myrtifolia	0.74
Prunus occidentalis	0.97
Prunus padus	0.46
Prunus pensylvanica	0.36
Prunus serotina	0.47
Prunus serrula	0.92
Prunus serrulata	0.56
Prunus x yedoensis	0.47
Pseudobombax	0.31
Pseudobombax ellipticum	0.34

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Pseudobombax grandiflorum	0.39
Pseudobombax septenatum	0.21
Pseudolarix	0.42
Pseudolarix amabilis	0.42
Pseudolmedia	0.75
Pseudolmedia spuria	0.75
Pseudotsuga	0.44
Pseudotsuga menziesii	0.44
Psidium	0.93
Psidium cattleianum	1.12
Psidium guajava	0.74
Pterocarpus	0.44
Pterocarpus indicus	0.64
Pterocarpus macrocarpus	0.70
Pterocarpus marsupium	0.62
Pterocarpus officinalis	0.38
Pterocarpus rohrii	0.46
Pterocarya	0.35
Pterocarya stenoptera	0.35
Punica	0.77
Punica granatum	0.77
Putranjiva	0.67
Putranjiva roxburghii	0.67
Pyrus	0.60
Pyrus calleryana	0.60
Pyrus communis	0.63
Pyrus kawakamii	0.60
Quadrella	0.68
Quadrella indica	0.68
Quassia	0.40
Quassia amara	0.47
Quassia indica	0.33
Quercus	0.70
Quercus acutissima	0.73
Quercus agrifolia	0.59
Quercus alba	0.62
Quercus aliena	0.69
Quercus austrina	0.75
Quercus bicolor	0.66
Quercus cerris	0.70
Quercus chapmanii	0.78
Quercus coccinea	0.62
Quercus falcata	0.58
Quercus gambelii	0.62
Quercus garryana	0.64
Quercus ilex	0.82
Quercus incana	0.71
Quercus kelloggii	0.51
Quercus laceyi	0.80
Quercus laevis	0.64
Quercus laurifolia	0.63
Quercus lobata	0.55
Quercus lyrata	0.57
Quercus macrocarpa	0.58
Quercus margarettae	0.76
Quercus michauxii	0.65
Quercus minima	0.89
Quercus mongolica	0.64
Quercus myrtifolia	0.81
Quercus nigra	0.60
Quercus palustris	0.58
Quercus petraea	0.57
Quercus phellos	0.56
Quercus pumila	0.71
Quercus pyrenaica	0.84
Quercus robur	0.57
Quercus rubra	0.56
Quercus serrata ssp. serrata	0.70
Quercus shumardii	0.62
Quercus stellata	0.66
Quercus variabilis	0.76
Quercus velutina	0.56
Quercus virginiana	0.80
Quercus x ganderi	0.64
Radermachera	0.63
Radermachera sinica	0.63
Randia	0.67
Randia armata	0.67

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Rapanea	0.86
Rapanea umbellata	0.86
Ravenia	0.90
Ravenia urbanii	0.90
Reutealis	0.43
Reutealis trisperma	0.43
Rhamnus	0.64
Rhamnus cathartica	0.61
Rhamnus crocea	0.75
Rhamnus davurica	0.55
Rhizophora	0.85
Rhizophora apiculata	0.84
Rhizophora mangle	0.91
Rhizophora mucronata	0.81
Rhodamnia	0.64
Rhodamnia rubescens	0.64
Rhododendron	0.50
Rhododendron arboreum	0.49
Rhododendron maximum	0.50
Rhus	0.45
Rhus typhina	0.45
Ribes	0.73
Ribes californicum	0.73
Robinia	0.67
Robinia pseudoacacia	0.67
Rollinia	0.36
Rollinia mucosa	0.32
Roseodendron	0.43
Roseodendron donnell-smithii	0.43
Roupala	0.85
Roupala montana	0.78
Roupala montana v. brasiliensis	0.91
Ruprechtia	0.66
Ruprechtia apetala	0.66
Sabal	0.52
Sabal palmetto	0.52
Salix	0.39
Salix alba	0.28
Salix babylonica v. matsudana	0.47
Salix caprea	0.40
Salix fragilis	0.36
Salix humboldtiana	0.41
Salix lucida ssp. lasiandra	0.39
Salix nigra	0.36
Salix purpurea	0.46
Salix x sepulcralis	0.42
Samanea	0.51
Samanea saman	0.51
Sambucus	0.45
Sambucus canadensis	0.45
Sandoricum	0.47
Sandoricum koetjape	0.47
Santalum	0.69
Santalum acuminatum	0.68
Santalum lanceolatum	0.78
Santalum murrayanum	0.62
Sapindus	0.70
Sapindus mukorossi	0.70
Sapindus saponaria	0.69
Sapium	0.72
Sapium caribaeum	0.42
Sapium glandulosum	0.44
Sapium laurifolium	0.45
Sapium laurocerasus	0.38
Sarcomelicope	0.76
Sarcomelicope simplicifolia	0.76
Sassafras	0.48
Sassafras albidum	0.48
Saxegothaea	0.52
Saxegothaea conspicua	0.52
Schefflera	0.41
Schefflera actinophylla	0.41
Schima	0.54
Schima superba	0.54
Schinus	0.62
Schinus molle	0.59
Schinus terebinthifolia	0.65
Schizolobium	0.36

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Schizolobium parahyba	0.41
Schizolobium parahybum	0.30
Schizomeria	0.54
Schizomeria ovata	0.54
Schleichera	0.90
Schleichera oleosa	0.90
Scolopia	0.83
Scolopia saeva	0.83
Scyphiphora	0.69
Scyphiphora hydrophylacea	0.69
Searsia	0.69
Searsia lancea	0.69
Sebastiania	0.63
Sebastiania commersoniana	0.63
Senegalia	0.95
Senegalia mellifera	0.95
Senna	0.59
Senna atomaria	0.80
Senna multijuga	0.47
Senna racemosa	0.54
Senna siamea	0.65
Senna spectabilis	0.48
Sequoia	0.37
Sequoia sempervirens	0.37
Sesbania	0.42
Sesbania grandiflora	0.41
Sesbania sesban	0.43
Sideroxylon	0.89
Sideroxylon foetidissimum	0.90
Sideroxylon portoricense	0.92
Sideroxylon salicifolium	0.85
Simaba	0.47
Simaba cedron	0.47
Simarouba	0.85
Simarouba tulae	0.85
Sloanea	0.83
Sloanea berteriana	0.80
Sloanea guianensis	0.82
Sloanea monosperma	0.88
Solanum	0.54
Solanum aphyodendron	0.55
Solanum pseudoquina	0.53
Sonneratia	0.51
Sonneratia alba	0.51
Sophora	0.64
Sophora japonica	0.64
Sorbus	0.63
Sorbus aria	0.64
Sorbus aucuparia	0.63
Sorbus torminalis	0.61
Sorocea	0.61
Sorocea bonplandii	0.61
Sparattosperma	0.57
Sparattosperma leucanthum	0.57
Spathodea	0.22
Spathodea campanulata	0.22
Spondias	0.33
Spondias dulcis	0.30
Spondias mombin	0.39
Spondias pinnata	0.29
Spondias purpurea	0.33
Staphylea	0.34
Staphylea occidentalis	0.34
Stenocarpus	0.67
Stenocarpus salignus	0.68
Stenocarpus sinuatus	0.65
Stenostomum	0.80
Stenostomum resinosum	0.80
Sterculia	0.55
Sterculia apetala	0.38
Sterculia foetida	0.45
Sterculia quadrifida	0.32
Stifftia	0.62
Stifftia parviflora	0.62
Strychnos	0.65
Strychnos spinosa	0.65
Stylogyne	0.69
Swartzia	0.90

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Swartzia myrtifolia	0.90
Sweetia	0.90
Sweetia fruticosa	0.90
Swietenia	0.64
Swietenia macrophylla	0.53
Swietenia mahogani	0.75
Syagrus	0.37
Syagrus romanzoffiana	0.37
Symplocos	0.80
Symplocos martinicensis	0.80
Syncarpia	0.77
Syncarpia glomerulifera	0.77
Syzygium	0.67
Syzygium angophoroides	0.80
Syzygium australe	0.63
Syzygium crebrinerve	0.63
Syzygium cumini	0.56
Syzygium forte	0.62
Syzygium francisii	0.61
Syzygium grande	0.71
Syzygium jambos	0.70
Syzygium luehmannii	0.64
Syzygium malaccense	0.56
Syzygium oleosum	0.88
Syzygium smithii	0.64
Tabebuia	0.57
Tabebuia angustata	0.89
Tabebuia aurea	0.64
Tabebuia avellanedae	0.81
Tabebuia billbergii	0.92
Tabebuia cassinoides	0.39
Tabebuia chrysantha	1.00
Tabebuia heterophylla	0.55
Tabebuia impetiginosa	0.92
Tabebuia rosea	0.55
Tabebuia schumanniana	0.90
Tabebuia serratifolia	0.92
Tabernaemontana	0.75
Tabernaemontana divaricata	0.75
Tachigali	0.52
Tachigali multijuga	0.52
Tamarindus	0.98
Tamarindus indica	0.98
Tamarix	0.59
Tamarix aphylla	0.59
Tapirira	0.45
Tapirira guianensis	0.45
Taxodium	0.42
Taxodium distichum	0.42
Taxus	0.54
Taxus baccata	0.55
Taxus brevifolia	0.60
Taxus cuspidata	0.47
Tecoma	0.47
Tecoma stans	0.47
Tectona	0.60
Tectona grandis	0.60
Terminalia	0.53
Terminalia ivorensis	0.44
Terminalia kaernbachii	0.49
Terminalia microcarpa	0.52
Terminalia oblonga	0.76
Terminalia superba	0.46
Tetragastris	0.71
Tetragastris balsamifera	0.67
Theobroma	0.42
Theobroma cacao	0.42
Thespesia	0.43
Thespesia lampus	0.38
Thespesia populnea	0.47
Thouinia	0.90
Thouinia striata	0.90
Thuja	0.30
Thuja occidentalis	0.29
Thuja plicata	0.31
Tilia	0.39
Tilia americana	0.32
Tilia amurensis	0.39

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Tilia cordata	0.42
Tilia platyphyllos	0.42
Tilia tomentosa	0.32
Tilia x vulgaris	0.48
Timonius	0.55
Timonius timon	0.55
Tipuana	0.60
Tipuana tipu	0.60
Toona	0.38
Toona ciliata	0.38
Torreya	0.42
Torreya grandis	0.42
Trattinnickia	0.45
Trattinnickia lawrancei	0.45
Trema	0.40
Trema micrantha	0.35
Trema micranthum	0.50
Trema orientalis	0.34
Triadica	0.50
Triadica sebifera	0.50
Trichanthera	0.45
Trichanthera gigantea	0.45
Trichilia	0.65
Trichilia catigua	0.69
Trichilia hirta	0.55
Trichilia pallida	0.70
Trichospermum	0.32
Trichospermum richii	0.32
Triplaris	0.51
Triplaris americana	0.49
Triplaris cumingiana	0.52
Tristaniopsis	0.78
Tristaniopsis conferta	0.75
Tristaniopsis laurina	0.81
Trophis	0.66
Trophis racemosa	0.66
Tsuga	0.41
Tsuga canadensis	0.38
Tsuga heterophylla	0.42
Tsuga mertensiana	0.42
Ulmus	0.55
Ulmus alata	0.60
Ulmus americana	0.46
Ulmus crassifolia	0.59
Ulmus davidiana	0.47
Ulmus glabra	0.55
Ulmus laciniata	0.46
Ulmus parvifolia	0.75
Ulmus procera	0.55
Ulmus pumila	0.54
Ulmus rubra	0.48
Ulmus thomasii	0.57
Umbellularia	0.51
Umbellularia californica	0.51
Urera	0.28
Urera baccifera	0.17
Urera caracasana	0.38
Vachellia	0.80
Vachellia macracantha	0.73
Vachellia nilotica	0.86
Veitchia	0.37
Veitchia merrillii	0.37
Ventilago	0.98
Ventilago viminalis	0.98
Viburnum	0.72
Viburnum lantana	0.72
Virola	0.48
Vitex	0.57
Vitex cymosa	0.56
Vitex divaricata	0.62
Vitex glabrata	0.58
Vitex negundo	0.67
Volkameria	0.61
Volkameria glabrum	0.61
Washingtonia	0.37
Washingtonia filifera	0.37
Washingtonia robusta	0.37
Wollemia	0.47

continued

Table 31.—Continued

Scientific Name	Wood Density tonne/m^3
Wollemia nobilis	0.47
Xanthostemon	0.88
Xanthostemon chrysanthus	0.88
Ximenia	0.83
Ximenia americana	0.83
Xylocarpus	0.59
Xylocarpus granatum	0.57
Xylocarpus moluccensis	0.61
Xylomelum	0.57
Xylomelum pyriforme	0.57
Xylopia	0.70
Xylopia brasiliensis	0.70
Zanthoxylum	0.65
Zanthoxylum caribaeum	0.76
Zanthoxylum fagara	0.65
Zanthoxylum flavum	0.78
Zanthoxylum martinicense	0.57
Zanthoxylum rhoifolium	0.50
Zelkova	0.66
Zelkova formosana	0.80
Zelkova schneideriana	0.67
Zelkova serrata	0.52
Zeyheria	0.77
Zeyheria tuberculosa	0.77
Ziziphus	0.71
Ziziphus jujuba	0.80
Ziziphus mauritiana	0.62
Zollernia	1.05
Zollernia ilicifolia	1.05
Zygia	0.71
Zygia longifolia	0.71

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