

# Native Trees of Georgia by Hardiness Zones

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Native trees represent a great ecological bounty and a rich cultural history in Georgia. Native trees live from the mountains to the sea in many diverse habitats and under many environmental constraints. Native trees add value, comfort, and beauty to life in Georgia. They have provided medicine, food, fiber, shelter, recreation and aesthetic values. Native trees witnessed the arrival of many groups of explorers and settlers, many groups of Native Americans, and a number of ice ages. Native trees are wonderfully adapted to a local area's climate, soils, pests and other plants. There is a native tree well-suited for every planting site or landscape position.

A "tree" is defined as a perennial, woody, single-stemmed plant capable of attaining a size greater than 15 feet in total height and greater than 4 inches in stem diameter. A "native" tree is generally defined as being found within the last three centuries growing wild and reproducing naturally, and not introduced to an area by human activities. A tree is considered "native in Georgia" if it was not originally brought to Georgia by people, it is found growing and reproducing naturally in the Georgia landscape, and its gene sets developed and succeeded under Georgia's environmental conditions before human dominance of the land.

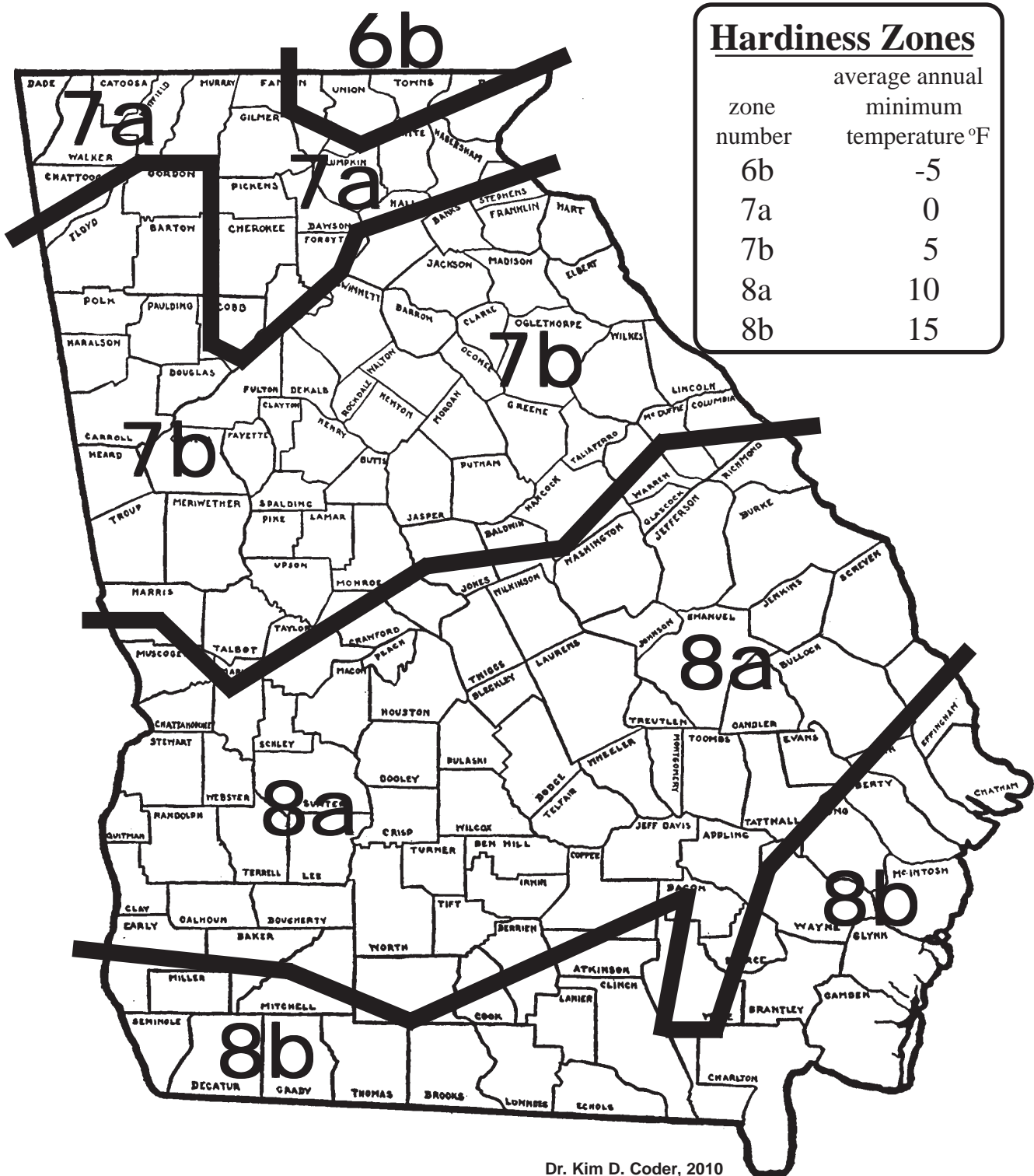
Key to proper selection of a native tree for planting on any particular site is assuring it can handle various climatic and micro-site characteristics. One critical value for native trees is surviving and thriving under the coldest Winter conditions normally expected. This value of surviving a given cold temperature is summarized as cold hardiness. The cold hardiness zone map for Georgia is given in Figure 1.

Most trees can survive and thrive for many years beyond their native range, especially in high quality or protected areas. Young trees are much more tolerant of environmental constraints than are older trees. There is much confusion surrounding cold hardiness zone inflation/deflation propagated through simple single tree demonstrations and pushing tree survival to the limits. Beginning tree planting close to a tree's native range, as shown within the tables in this publication, will help you design and plant an effective and efficient native landscape.

Table 1 = cold hardiness zone 6b -- 117 species; Table 2 = cold hardiness zone 7a -- 122 species; Table 3 = cold hardiness zone 7b -- 119 species; Table 4 = cold hardiness zone 8a -- 147 species; Table 5 = cold hardiness zone 8b -- 140 species; Table 6 = trees growing in all cold hardiness zones in Georgia -- 41 species (6b to 8b -- a statewide distribution).

# Figure 1: Tree Cold Hardiness Zones of Georgia.

(derived from Cathey, H.M. 2001. *USDA Plant Hardiness Zone Map*. Misc. Pub. #1475, USDA-ARS-National Arboretum, Washington D.C.)



Dr. Kim D. Coder, 2010

**Table 1: Native Trees of Georgia in Hardiness Zone 6b. (117 spp.)**

scientific name	zone	common name	scientific name	zone	common name
<u>Abies fraseri</u>	6b	Fraser fir	<u>Cladrastis kentukea</u>	6b	yellowwood
<u>Acer negundo</u>	6b	boxelder	<u>Clethra acuminata</u>	6b	sweet pepperbush
<u>Acer nigrum</u>	6b	black maple	<u>Cornus alternifolia</u>	6b	alternate-leaf dogwood
<u>Acer pensylvanicum</u>	6b	striped maple	<u>Cornus florida</u>	6b	flowering dogwood
<u>Acer rubrum</u>	6b	red maple	<u>Cotinus obovatus</u>	6b	smoketree
<u>Acer saccharinum</u>	6b	silver maple	<u>Crataegus flabellata</u>	6b	fanleaf hawthorn
<u>Acer saccharum</u>	6b	sugar maple			
<u>Acer spicatum</u>	6b	mountain maple			
<u>Aesculus flava</u>	6b	yellow buckeye	<u>Diospyros virginiana</u>	6b	persimmon
<u>Aesculus glabra</u>	6b	Ohio buckeye			
<u>Alnus serrulata</u>	6b	hazel alder	<u>Euonymus atropurpureus</u>	6b	burningbush
<u>Amelanchier arborea</u>	6b	serviceberry			
<u>Aralia spinosa</u>	6b	devil's walkingstick			
<u>Asimina triloba</u>	6b	pawpaw	<u>Fagus grandifolia</u>	6b	American beech
			<u>Fraxinus americana</u>	6b	white ash
<u>Betula alleghaniensis</u>	6b	yellow birch	<u>Fraxinus pennsylvanica</u>	6b	green ash
<u>Betula lenta</u>	6b	sweet birch	<u>Fraxinus quadrangulata</u>	6b	blue ash
<u>Betula nigra</u>	6b	river birch			
			<u>Gleditsia triacanthos</u>	6b	honeylocust
<u>Carpinus caroliniana</u>	6b	American hornbeam	<u>Halesia carolina</u>	6b	little silverbell
<u>Carya australis</u>	6b	Southern shagbark hickory	<u>Halesia tetraptera</u>	6b	mountain silverbell
<u>Carya cordiformis</u>	6b	bitternut hickory	<u>Hamamelis virginiana</u>	6b	American witch-hazel
<u>Carya glabra</u>	6b	pignut hickory			
<u>Carya laciniosa</u>	6b	shellbark hickory	<u>Ilex montana</u>	6b	mountain holly
<u>Carya ovalis</u>	6b	red hickory	<u>Ilex opaca</u>	6b	American holly
<u>Carya ovata</u>	6b	shagbark hickory	<u>Ilex verticillata</u>	6b	winterberry
<u>Carya pallida</u>	6b	sand hickory	<u>Juglans cinerea</u>	6b	butternut
<u>Carya tomentosa</u>	6b	mockernut hickory	<u>Juglans nigra</u>	6b	black walnut
			<u>Juniperus virginiana</u>	6b	Eastern redcedar
<u>Castanea dentata</u>	6b	American chestnut	<u>Kalmia latifolia</u>	6b	mountain-laurel
<u>Castanea pumila</u>	6b	chinquapin			
<u>Celtis occidentalis</u>	6b	hackberry	<u>Liriodendron tulipifera</u>	6b	yellow-poplar
<u>Cephalanthus occidentalis</u>	6b	buttonbush			
<u>Cercis canadensis</u>	6b	redbud	<u>Magnolia acuminata</u>	6b	mountain cucumber-tree
<u>Chionanthus virginicus</u>	6b	fringetree			

**Table 1: Native Trees of Georgia in Hardiness Zone 6b.** (continued)

scientific name	zone	common name	scientific name	zone	common name
<u>Magnolia fraseri</u>	6b	mountain magnolia	<u>Quercus velutina</u>	6b	black oak
<u>Magnolia tripetala</u>	6b	umbrella-tree	<u>Rhododendron catawbiense</u>	6b	purple-laurel
<u>Malus coronaria</u>	6b	sweet crabapple	<u>Rhododendron maximum</u>	6b	rosebay-laurel
<u>Morus rubra</u>	6b	red mulberry	<u>Rhus copallinum</u>	6b	winged sumac
			<u>Rhus glabra</u>	6b	smooth sumac
<u>Nyssa sylvatica</u>	6b	blackgum	<u>Rhus typhina</u>	6b	staghorn sumac
			<u>Robinia hispida</u>	6b	pink locust
<u>Ostrya virginiana</u>	6b	Eastern hophornbeam	<u>Robinia pseudoacacia</u>	6b	black locust
			<u>Robinia viscosa</u>	6b	clammy locust
<u>Oxydendrum arboreum</u>	6b	sourwood			
			<u>Salix nigra</u>	6b	black willow
<u>Pinus echinata</u>	6b	shortleaf pine	<u>Salix sericea</u>	6b	silky willow
<u>Pinus pungens</u>	6b	Table Mountain pine	<u>Sambucus canadensis</u>	6b	American elder
			<u>Sassafras albidum</u>	6b	sassafras
<u>Pinus rigida</u>	6b	pitch pine	<u>Sorbus americana</u>	6b	American
<u>Pinus strobus</u>	6b	Eastern white pine			mountain-ash
			<u>Stewartia ovata</u>	6b	mountain
<u>Pinus taeda</u>	6b	loblolly pine			camellia
<u>Pinus virginiana</u>	6b	Virginia pine	<u>Symplocos tinctoria</u>	6b	sweetleaf
<u>Platanus occidentalis</u>	6b	American sycamore			
			<u>Tilia americana</u>	6b	American
<u>Prunus americana</u>	6b	American plum			basswood
<u>Prunus angustifolia</u>	6b	Chickasaw plum	<u>Tilia heterophylla</u>	6b	white basswood
<u>Prunus pensylvanica</u>	6b	fire cherry	<u>Toxicodendron vernix</u>	6b	poison sumac
<u>Prunus serotina</u>	6b	black cherry	<u>Tsuga canadensis</u>	6b	Eastern hemlock
			<u>Tsuga caroliniana</u>	6b	Carolina
					hemlock
<u>Quercus alba</u>	6b	white oak			
<u>Quercus coccinea</u>	6b	scarlet oak			
<u>Quercus falcata</u>	6b	Southern red oak	<u>Ulmus alata</u>	6b	winged elm
			<u>Ulmus americana</u>	6b	American elm
<u>Quercus imbricaria</u>	6b	shingle oak	<u>Ulmus rubra</u>	6b	slippery elm
<u>Quercus marilandica</u>	6b	blackjack oak			
<u>Quercus montana</u>	6b	chestnut oak	<u>Vaccinium arboreum</u>	6b	farkleberry
<u>Quercus muehlenbergii</u>	6b	chinquapin oak	<u>Viburnum cassinoides</u>	6b	Northern
<u>Quercus nigra</u>	6b	water oak			possumhaw
<u>Quercus palustris</u>	6b	pin oak	<u>Viburnum lentago</u>	6b	nannyberry
<u>Quercus prinoides</u>	6b	dwarf chinquapin oak	<u>Viburnum prunifolium</u>	6b	blackhaw
			<u>Viburnum rufidulum</u>	6b	rusty blackhaw
<u>Quercus rubra</u>	6b	Northern red oak			
			<u>Zanthoxylum americanum</u>	6b	prickly-ash
<u>Quercus stellata</u>	6b	post oak			

**Table 2: Native Trees of Georgia in Hardiness Zone 7a. (122 spp.)**

scientific name	zone	common name	scientific name	zone	common name
<u>Acer barbatum</u>	7a	Southern sugar maple	<u>Chionanthus virginicus</u>	7a	fringetree
<u>Acer leucoderme</u>	7a	chalk maple	<u>Cladrastis kentukea</u>	7a	yellowwood
<u>Acer negundo</u>	7a	boxelder	<u>Cornus alternifolia</u>	7a	alternate-leaf dogwood
<u>Acer nigrum</u>	7a	black maple	<u>Cornus florida</u>	7a	flowering dogwood
<u>Acer rubrum</u>	7a	red maple	<u>Cornus stricta</u>	7a	swamp dogwood
<u>Acer saccharinum</u>	7a	silver maple			
<u>Acer saccharum</u>	7a	sugar maple	<u>Cotinus obovatus</u>	7a	smoketree
<u>Aesculus flava</u>	7a	yellow buckeye	<u>Crataegus flabellata</u>	7a	fanleaf hawthorn
<u>Aesculus glabra</u>	7a	Ohio buckeye			
<u>Aesculus sylvatica</u>	7a	Georgia buckeye			
<u>Alnus serrulata</u>	7a	hazel alder	<u>Diospyros virginiana</u>	7a	persimmon
<u>Amelanchier arborea</u>	7a	serviceberry			
<u>Aralia spinosa</u>	7a	devil's walkingstick	<u>Fagus grandifolia</u>	7a	American beech
<u>Asimina triloba</u>	7a	pawpaw	<u>Fraxinus americana</u>	7a	white ash
			<u>Fraxinus pennsylvanica</u>	7a	green ash
<u>Betula alleghaniensis</u>	7a	yellow birch	<u>Fraxinus quadrangulata</u>	7a	blue ash
<u>Betula lenta</u>	7a	sweet birch			
<u>Betula nigra</u>	7a	river birch	<u>Gleditsia triacanthos</u>	7a	honeylocust
<u>Carpinus caroliniana</u>	7a	American hornbeam	<u>Halesia carolina</u>	7a	little silverbell
			<u>Halesia tetraptera</u>	7a	mountain silverbell
<u>Carya australis</u>	7a	Southern shagbark hickory	<u>Hamamelis virginiana</u>	7a	American witch-hazel
<u>Carya cordiformis</u>	7a	bitternut hickory			
<u>Carya glabra</u>	7a	pignut hickory	<u>Ilex longipes</u>	7a	Georgia holly
<u>Carya laciniosa</u>	7a	shellbark hickory	<u>Ilex montana</u>	7a	mountain holly
			<u>Ilex opaca</u>	7a	American holly
<u>Carya ovalis</u>	7a	red hickory	<u>Ilex verticillata</u>	7a	winterberry
<u>Carya ovata</u>	7a	shagbark hickory			
			<u>Juglans cinerea</u>	7a	butternut
<u>Carya pallida</u>	7a	sand hickory	<u>Juglans nigra</u>	7a	black walnut
<u>Carya tomentosa</u>	7a	mockernut hickory	<u>Juniperus communis</u>	7a	common juniper
			<u>Juniperus virginiana</u>	7a	Eastern redcedar
<u>Castanea dentata</u>	7a	American chestnut			
			<u>Kalmia latifolia</u>	7a	mountain-laurel
<u>Castanea pumila</u>	7a	chinquapin			
<u>Celtis laevigata</u>	7a	sugarberry	<u>Liquidambar styraciflua</u>	7a	sweetgum
<u>Celtis occidentalis</u>	7a	hackberry	<u>Liriodendron tulipifera</u>	7a	yellow-poplar
<u>Cephalanthus occidentalis</u>	7a	buttonbush	<u>Magnolia acuminata</u>	7a	mountain cucumber-tree
<u>Cercis canadensis</u>	7a	redbud			

**Table 2: Native Trees of Georgia in Hardiness Zone 7a.** (continued)

scientific name	zone	common name	scientific name	zone	common name
<u>Magnolia fraseri</u>	7a	mountain magnolia	<u>Quercus shumardii</u>	7a	Shumard oak
			<u>Quercus stellata</u>	7a	post oak
<u>Magnolia tripetala</u>	7a	umbrella-tree	<u>Quercus velutina</u>	7a	black oak
<u>Malus angustifolia</u>	7a	Southern crabapple	<u>Rhamnus caroliniana</u>	7a	buckthorn
<u>Malus coronaria</u>	7a	sweet crabapple	<u>Rhododendron catawbiense</u>	7a	purple-laurel
<u>Morus rubra</u>	7a	red mulberry	<u>Rhododendron maximum</u>	7a	rosebay-laurel
			<u>Rhus copallinum</u>	7a	winged sumac
<u>Nyssa sylvatica</u>	7a	blackgum	<u>Rhus glabra</u>	7a	smooth sumac
			<u>Robinia hispida</u>	7a	pink locust
<u>Ostrya virginiana</u>	7a	Eastern hophornbeam	<u>Robinia pseudoacacia</u>	7a	black locust
<u>Oxydendrum arboreum</u>	7a	sourwood	<u>Salix nigra</u>	7a	black willow
			<u>Sambucus canadensis</u>	7a	American elder
<u>Pinus echinata</u>	7a	shortleaf pine	<u>Sassafras albidum</u>	7a	sassafras
<u>Pinus rigida</u>	7a	pitch pine	<u>Sideroxylon lycioides</u>	7a	buckthorn
<u>Pinus strobus</u>	7a	Eastern white pine			bumelia
			<u>Staphylea trifolia</u>	7a	bladdernut
<u>Pinus taeda</u>	7a	loblolly pine	<u>Stewartia ovata</u>	7a	mountain camellia
<u>Pinus virginiana</u>	7a	Virginia pine			
<u>Platanus occidentalis</u>	7a	American sycamore	<u>Styrax americanus</u>	7a	American snowbell
					sweetleaf
<u>Prunus americana</u>	7a	American plum	<u>Symplocos tinctoria</u>	7a	sweetleaf
<u>Prunus angustifolia</u>	7a	Chickasaw plum			
<u>Prunus serotina</u>	7a	black cherry	<u>Tilia americana</u>	7a	American basswood
<u>Ptelea trifoliata</u>	7a	hoptree			
			<u>Tilia heterophylla</u>	7a	white basswood
<u>Quercus alba</u>	7a	white oak	<u>Toxicodendron vernix</u>	7a	poison sumac
<u>Quercus coccinea</u>	7a	scarlet oak	<u>Tsuga canadensis</u>	7a	Eastern hemlock
<u>Quercus falcata</u>	7a	Southern red oak			
			<u>Ulmus alata</u>	7a	winged elm
<u>Quercus imbricaria</u>	7a	shingle oak	<u>Ulmus americana</u>	7a	American elm
<u>Quercus marilandica</u>	7a	blackjack oak	<u>Ulmus rubra</u>	7a	slippery elm
<u>Quercus michauxii</u>	7a	swamp chestnut oak			
			<u>Vaccinium arboreum</u>	7a	farkleberry
<u>Quercus montana</u>	7a	chestnut oak	<u>Viburnum cassinoides</u>	7a	Northern possumhaw
<u>Quercus muehlenbergii</u>	7a	chinquapin oak			
<u>Quercus nigra</u>	7a	water oak	<u>Viburnum nudum</u>	7a	Southern possumhaw
<u>Quercus palustris</u>	7a	pin oak			
<u>Quercus phellos</u>	7a	willow oak	<u>Viburnum prunifolium</u>	7a	blackhaw
<u>Quercus prinoides</u>	7a	dwarf chinquapin oak	<u>Viburnum rufidulum</u>	7a	rusty blackhaw
<u>Quercus rubra</u>	7a	Northern red oak	<u>Zanthoxylum americanum</u>	7a	prickly-ash

**Table 3: Native Trees of Georgia in Hardiness Zone 7b. (119 spp.)**

scientific name	zone	common name	scientific name	zone	common name
<u>Acer barbatum</u>	7b	Southern sugar maple	<u>Cornus alternifolia</u>	7b	alternate-leaf dogwood
<u>Acer leucoderme</u>	7b	chalk maple	<u>Cornus florida</u>	7b	flowering dogwood
<u>Acer negundo</u>	7b	boxelder	<u>Cornus foemina</u>	7b	stiff dogwood
<u>Acer rubrum</u>	7b	red maple	<u>Cornus stricta</u>	7b	swamp dogwood
<u>Acer saccharinum</u>	7b	silver maple			
<u>Aesculus parviflora</u>	7b	bottlebrush buckeye			
<u>Aesculus sylvatica</u>	7b	Georgia buckeye	<u>Diospyros virginiana</u>	7b	persimmon
<u>Alnus serrulata</u>	7b	hazel alder			
<u>Amelanchier arborea</u>	7b	serviceberry	<u>Fagus grandifolia</u>	7b	American beech
<u>Aralia spinosa</u>	7b	devil's walkingstick	<u>Fraxinus americana</u>	7b	white ash
<u>Asimina parviflora</u>	7b	dwarf pawpaw	<u>Fraxinus pennsylvanica</u>	7b	green ash
<u>Asimina triloba</u>	7b	pawpaw	<u>Halesia carolina</u>	7b	little silverbell
			<u>Halesia tetraptera</u>	7b	mountain silverbell
<u>Betula nigra</u>	7b	river birch	<u>Hamamelis virginiana</u>	7b	American witch-hazel
<u>Carpinus caroliniana</u>	7b	American hornbeam			
<u>Carya australis</u>	7b	Southern shagbark hickory	<u>Ilex decidua</u>	7b	possumhaw
			<u>Ilex longipes</u>	7b	Georgia holly
<u>Carya cordiformis</u>	7b	bitternut hickory	<u>Ilex montana</u>	7b	mountain holly
<u>Carya glabra</u>	7b	pignut hickory	<u>Ilex opaca</u>	7b	American holly
<u>Carya myristiciformis</u>	7b	nutmeg hickory	<u>Ilex verticillata</u>	7b	winterberry
<u>Carya ovalis</u>	7b	red hickory	<u>Juglans nigra</u>	7b	black walnut
<u>Carya ovata</u>	7b	shagbark hickory	<u>Juniperus communis</u>	7b	common juniper
			<u>Juniperus virginiana</u>	7b	Eastern redcedar
<u>Carya pallida</u>	7b	sand hickory			
<u>Carya tomentosa</u>	7b	mockernut hickory	<u>Kalmia latifolia</u>	7b	mountain-laurel
<u>Castanea dentata</u>	7b	American chestnut	<u>Liquidambar styraciflua</u>	7b	sweetgum
<u>Castanea pumila</u>	7b	chinquapin	<u>Liriodendron tulipifera</u>	7b	yellow-poplar
<u>Catalpa bignonioides</u>	7b	Southern catalpa	<u>Magnolia acuminata</u>	7b	mountain cucumber-tree
<u>Celtis laevigata</u>	7b	sugarberry			
<u>Celtis tenuifolia</u>	7b	Georgia hackberry	<u>Magnolia cordata</u>	7b	Piedmont cucumber-tree
<u>Cephalanthus occidentalis</u>	7b	buttonbush	<u>Magnolia macrophylla</u>	7b	bigleaf magnolia
<u>Cercis canadensis</u>	7b	redbud	<u>Magnolia tripetala</u>	7b	umbrella-tree
<u>Chionanthus virginicus</u>	7b	fringetree	<u>Magnolia virginiana</u>	7b	sweetbay

**Table 3: Native Trees of Georgia in Hardiness Zone 7b.** (continued)

scientific name	zone	common name	scientific name	zone	common name
<u>Malus angustifolia</u>	7b	Southern crabapple	<u>Quercus rubra</u>	7b	Northern red oak
<u>Morus rubra</u>	7b	red mulberry	<u>Quercus shumardii</u>	7b	Shumard oak
<u>Nyssa sylvatica</u>	7b	blackgum	<u>Quercus stellata</u>	7b	post oak
<u>Ostrya virginiana</u>	7b	Eastern hophornbeam	<u>Quercus velutina</u>	7b	black oak
<u>Oxydendrum arboreum</u>	7b	sourwood	<u>Rhamnus caroliniana</u>	7b	buckthorn
<u>Pinus echinata</u>	7b	shortleaf pine	<u>Rhus copallinum</u>	7b	winged sumac
<u>Pinus palustris</u>	7b	longleaf pine	<u>Rhus glabra</u>	7b	smooth sumac
<u>Pinus serotina</u>	7b	pond pine	<u>Robinia hispida</u>	7b	pink locust
<u>Pinus taeda</u>	7b	loblolly pine	<u>Robinia pseudoacacia</u>	7b	black locust
<u>Platanus occidentalis</u>	7b	American sycamore	<u>Salix nigra</u>	7b	black willow
<u>Populus deltoides</u>	7b	Eastern cottonwood	<u>Sambucus canadensis</u>	7b	American elder
<u>Prunus americana</u>	7b	American plum	<u>Sassafras albidum</u>	7b	sassafras
<u>Prunus angustifolia</u>	7b	Chickasaw plum	<u>Sideroxylon lycioides</u>	7b	buckthorn bumelia
<u>Prunus mexicana</u>	7b	Mexican plum	<u>Staphylea trifolia</u>	7b	bladdernut
<u>Prunus serotina</u>	7b	black cherry	<u>Styrax americanus</u>	7b	American snowbell
<u>Prunus umbellata</u>	7b	flatwoods plum	<u>Symplocos tinctoria</u>	7b	sweetleaf
<u>Ptelea trifoliata</u>	7b	hoptree	<u>Tilia americana</u>	7b	American basswood
<u>Quercus alba</u>	7b	white oak	<u>Tilia caroliniana</u>	7b	Carolina basswood
<u>Quercus coccinea</u>	7b	scarlet oak	<u>Tilia heterophylla</u>	7b	white basswood
<u>Quercus falcata</u>	7b	Southern red oak	<u>Toxicodendron vernix</u>	7b	poison sumac
<u>Quercus georgiana</u>	7b	Georgia oak	<u>Ulmus alata</u>	7b	winged elm
<u>Quercus laevis</u>	7b	turkey oak	<u>Ulmus americana</u>	7b	American elm
<u>Quercus lyrata</u>	7b	overcup oak	<u>Ulmus rubra</u>	7b	slippery elm
<u>Quercus margaretta</u>	7b	sand post oak	<u>Ulmus serotina</u>	7b	September elm
<u>Quercus marilandica</u>	7b	blackjack oak	<u>Vaccinium arboreum</u>	7b	farkleberry
<u>Quercus michauxii</u>	7b	swamp chestnut oak	<u>Viburnum cassinoides</u>	7b	Northern possumhaw
<u>Quercus montana</u>	7b	chestnut oak	<u>Viburnum nudum</u>	7b	Southern possumhaw
<u>Quercus muehlenbergii</u>	7b	chinquapin oak	<u>Viburnum prunifolium</u>	7b	blackhaw
<u>Quercus nigra</u>	7b	water oak	<u>Viburnum rufidulum</u>	7b	rusty blackhaw
<u>Quercus oglethorpensis</u>	7b	Oglethorpe oak	<u>Zanthoxylum americanum</u>	7b	prickly-ash
<u>Quercus phellos</u>	7b	willow oak			
<u>Quercus prinoides</u>	7b	dwarf chinquapin oak			

**Table 4: Native Trees of Georgia in Hardiness Zone 8a. (147 spp.)**

scientific name	zone	common name	scientific name	zone	common name
<u>Acer barbatum</u>	8a	Southern sugar maple	<u>Crataegus aestivalis</u>	8a	mayhaw
<u>Acer leucoderme</u>	8a	chalk maple	<u>Cyrilla parvifolia</u>	8a	littleleaf titi
<u>Acer negundo</u>	8a	boxelder	<u>Cyrilla racemiflora</u>	8a	swamp titi
<u>Acer rubrum</u>	8a	red maple	<u>Diospyros virginiana</u>	8a	persimmon
<u>Aesculus parviflora</u>	8a	bottlebrush buckeye	<u>Elliottia racemosa</u>	8a	Georgia plume
<u>Aesculus pavia</u>	8a	red buckeye	<u>Fagus grandifolia</u>	8a	American beech
<u>Alnus serrulata</u>	8a	hazel alder	<u>Forestiera acuminata</u>	8a	swamp-privet
<u>Amelanchier arborea</u>	8a	serviceberry	<u>Fraxinus americana</u>	8a	white ash
<u>Aralia spinosa</u>	8a	devil's walkingstick	<u>Fraxinus caroliniana</u>	8a	Carolina ash
<u>Asimina parviflora</u>	8a	dwarf pawpaw	<u>Fraxinus pennsylvanica</u>	8a	green ash
<u>Baccharis halimifolia</u>	8a	Eastern baccharis	<u>Fraxinus profunda</u>	8a	pumpkin ash
<u>Betula nigra</u>	8a	river birch	<u>Gleditsia aquatica</u>	8a	water locust
<u>Carpinus caroliniana</u>	8a	American hornbeam	<u>Gordonia lasianthus</u>	8a	loblolly bay
<u>Carya aquatica</u>	8a	water hickory	<u>Halesia carolina</u>	8a	little silverbell
<u>Carya cordiformis</u>	8a	bitternut hickory	<u>Halesia diptera</u>	8a	two-wing silverbell
<u>Carya glabra</u>	8a	pignut hickory	<u>Hamamelis virginiana</u>	8a	American witch-hazel
<u>Carya myristiciformis</u>	8a	nutmeg hickory	<u>Ilex ambigua</u>	8a	Carolina holly
<u>Carya ovalis</u>	8a	red hickory	<u>Ilex amelanchier</u>	8a	sarvis holly
<u>Carya tomentosa</u>	8a	mockernut hickory	<u>Ilex coriacea</u>	8a	large gallberry
<u>Castanea pumila</u>	8a	chinquapin	<u>Ilex decidua</u>	8a	possumhaw
<u>Catalpa bignonioides</u>	8a	Southern catalpa	<u>Ilex longipes</u>	8a	Georgia holly
<u>Celtis laevigata</u>	8a	sugarberry	<u>Ilex myrtifolia</u>	8a	myrtle dahoon
<u>Celtis tenuifolia</u>	8a	Georgia hackberry	<u>Ilex opaca</u>	8a	American holly
<u>Cephalanthus occidentalis</u>	8a	buttonbush	<u>Ilex vomitoria</u>	8a	yaupon
<u>Cercis canadensis</u>	8a	redbud	<u>Illicium floridanum</u>	8a	Florida anisetree
<u>Chamaecyparis thyoides</u>	8a	Atlantic whitecedar	<u>Juglans nigra</u>	8a	black walnut
<u>Chionanthus virginicus</u>	8a	fringetree	<u>Juniperus virginiana</u>	8a	Eastern redcedar
<u>Cliftonia monophylla</u>	8a	buckwheat tree	<u>Leitneria floridana</u>	8a	corkwood
<u>Cornus florida</u>	8a	flowering dogwood	<u>Liquidambar styraciflua</u>	8a	sweetgum
<u>Cornus foemina</u>	8a	stiff dogwood	<u>Liriodendron tulipifera</u>	8a	yellow-poplar
<u>Cornus stricta</u>	8a	swamp dogwood	<u>Lyonia ferruginea</u>	8a	staggerbush

**Table 4: Native Trees of Georgia in Hardiness Zone 8a.** (continued)

scientific name	zone	common name	scientific name	zone	common name
<u>Magnolia cordata</u>	8a	Piedmont cucumber-tree	<u>Prunus caroliniana</u>	8a	laurelcherry
<u>Magnolia grandiflora</u>	8a	Southern magnolia	<u>Prunus mexicana</u>	8a	Mexican plum
<u>Magnolia macrophylla</u>	8a	bigleaf magnolia	<u>Prunus serotina</u>	8a	black cherry
<u>Magnolia pyramidata</u>	8a	pyramid magnolia	<u>Prunus umbellata</u>	8a	flatwoods plum
<u>Magnolia virginiana</u>	8a	sweetbay	<u>Ptelea trifoliata</u>	8a	hoptree
<u>Malus angustifolia</u>	8a	Southern crabapple	<u>Quercus alba</u>	8a	white oak
<u>Morus rubra</u>	8a	red mulberry	<u>Quercus arkansana</u>	8a	Arkansas oak
<u>Myrica cerifera</u>	8a	wax-myrtle	<u>Quercus austrina</u>	8a	bluff oak
<u>Myrica heterophylla</u>	8a	evergreen bayberry	<u>Quercus falcata</u>	8a	Southern red oak
<u>Nyssa aquatica</u>	8a	water tupelo	<u>Quercus geminata</u>	8a	sand live oak
<u>Nyssa biflora</u>	8a	swamp tupelo	<u>Quercus hemisphaerica</u>	8a	laurel oak
<u>Nyssa ogeche</u>	8a	Ogeeche-lime	<u>Quercus incana</u>	8a	bluejack oak
<u>Nyssa sylvatica</u>	8a	blackgum	<u>Quercus laevis</u>	8a	turkey oak
<u>Osmanthus americanus</u>	8a	devilwood	<u>Quercus laurifolia</u>	8a	swamp laurel oak
<u>Ostrya virginiana</u>	8a	Eastern hophornbeam	<u>Quercus lyrata</u>	8a	overcup oak
<u>Oxydendrum arboreum</u>	8a	sourwood	<u>Quercus margaretta</u>	8a	sand post oak
<u>Persea borbonia</u>	8a	red-bay	<u>Quercus marilandica</u>	8a	blackjack oak
<u>Persea palustris</u>	8a	swamp-bay	<u>Quercus michauxii</u>	8a	swamp chestnut oak
<u>Pinckneya bracteata</u>	8a	fevertree	<u>Quercus minima</u>	8a	dwarf live oak
<u>Pinus echinata</u>	8a	shortleaf pine	<u>Quercus muehlenbergii</u>	8a	chinquapin oak
<u>Pinus elliotii</u>	8a	slash pine	<u>Quercus nigra</u>	8a	water oak
<u>Pinus glabra</u>	8a	spruce pine	<u>Quercus pagoda</u>	8a	cherrybark oak
<u>Pinus palustris</u>	8a	longleaf pine	<u>Quercus rubra</u>	8a	Northern red oak
<u>Pinus serotina</u>	8a	pond pine	<u>Quercus shumardii</u>	8a	Shumard oak
<u>Pinus taeda</u>	8a	loblolly pine	<u>Quercus sinuata</u>	8a	bastard (Durand) oak
<u>Planera aquatica</u>	8a	planertree	<u>Quercus stellata</u>	8a	post oak
<u>Platanus occidentalis</u>	8a	American sycamore	<u>Quercus velutina</u>	8a	black oak
<u>Populus deltoides</u>	8a	Eastern cottonwood	<u>Quercus virginiana</u>	8a	live oak
<u>Prunus alabamensis</u>	8a	Alabama cherry	<u>Rhus copallinum</u>	8a	winged sumac
<u>Prunus americana</u>	8a	American plum	<u>Rhus glabra</u>	8a	smooth sumac
<u>Prunus angustifolia</u>	8a	Chickasaw plum	<u>Salix caroliniana</u>	8a	Coastal Plain willow
			<u>Salix floridana</u>	8a	Florida willow
			<u>Salix nigra</u>	8a	black willow

**Table 4: Native Trees of Georgia in Hardiness Zone 8a.** (continued)

scientific name	zone	common name	scientific name	zone	common name
<u>Sambucus canadensis</u>	8a	American elder	<u>Tilia caroliniana</u>	8a	Carolina basswood
<u>Sambucus simpsonii</u>	8a	Southern elder			
<u>Sassafras albidum</u>	8a	sassafras	<u>Tilia heterophylla</u>	8a	white basswood
<u>Sideroxylon lanuginosa</u>	8a	gum bumelia	<u>Toxicodendron vernix</u>	8a	poison sumac
<u>Sideroxylon lycioides</u>	8a	buckthorn bumelia	<u>Ulmus alata</u>	8a	winged elm
<u>Stewartia malacodendron</u>	8a	silky camellia	<u>Ulmus americana</u>	8a	American elm
<u>Styrax americanus</u>	8a	American snowbell	<u>Vaccinium arboreum</u>	8a	farkleberry
<u>Styrax grandifolius</u>	8a	bigleaf snowbell	<u>Viburnum nudum</u>	8a	Southern possumhaw
<u>Symplocos tinctoria</u>	8a	sweetleaf	<u>Viburnum obovatum</u>	8a	small-leaf arrowwood
<u>Taxodium ascendens</u>	8a	pond-cypress	<u>Viburnum rufidulum</u>	8a	rusty blackhaw
<u>Taxodium distichum</u>	8a	bald-cypress			
<u>Tilia americana</u>	8a	American basswood			

**Table 5: Native Trees of Georgia in Hardiness Zone 8b. (140 spp.)**

scientific name	zone	common name	scientific name	zone	common name
<u>Acacia farnesiana</u>	8b	sweet acacia	<u>Forestiera acuminata</u>	8b	swamp-privet
<u>Acer barbatum</u>	8b	Southern sugar maple	<u>Forestiera segregata</u>	8b	Florida-privet
<u>Acer rubrum</u>	8b	red maple	<u>Franklinia alatamaha</u>	8b	Franklin tree
<u>Aesculus pavia</u>	8b	red buckeye	<u>Fraxinus caroliniana</u>	8b	Carolina ash
<u>Alnus serrulata</u>	8b	hazel alder	<u>Fraxinus pennsylvanica</u>	8b	green ash
<u>Aralia spinosa</u>	8b	devil's walkingstick	<u>Fraxinus profunda</u>	8b	pumpkin ash
<u>Asimina parviflora</u>	8b	dwarf pawpaw	<u>Gleditsia aquatica</u>	8b	water locust
			<u>Gordonia lasianthus</u>	8b	loblolly bay
<u>Baccharis halimifolia</u>	8b	Eastern baccharis	<u>Halesia carolina</u>	8b	little silverbell
<u>Betula nigra</u>	8b	river birch	<u>Halesia diptera</u>	8b	two-wing silverbell
			<u>Hamamelis virginiana</u>	8b	American witch-hazel
<u>Carpinus caroliniana</u>	8b	American hornbeam			
<u>Carya aquatica</u>	8b	water hickory	<u>Ilex ambigua</u>	8b	Carolina holly
<u>Carya glabra</u>	8b	pignut hickory	<u>Ilex amelanchier</u>	8b	sarvis holly
<u>Carya ovalis</u>	8b	red hickory	<u>Ilex cassine</u>	8b	dahoon
<u>Carya tomentosa</u>	8b	mockernut hickory	<u>Ilex coriacea</u>	8b	large gallberry
<u>Castanea pumila</u>	8b	chinquapin	<u>Ilex decidua</u>	8b	possumhaw
<u>Catalpa bignonioides</u>	8b	Southern catalpa	<u>Ilex myrtifolia</u>	8b	myrtle dahoon
<u>Celtis laevigata</u>	8b	sugarberry	<u>Ilex opaca</u>	8b	American holly
<u>Cephalanthus occidentalis</u>	8b	buttonbush	<u>Ilex vomitoria</u>	8b	yaupon
<u>Chamaecyparis thyoides</u>	8b	Atlantic whitecedar	<u>Illicium floridanum</u>	8b	Florida anisetree
<u>Chionanthus virginicus</u>	8b	fringetree	<u>Illicium parviflorum</u>	8b	yellow anisetree
<u>Cliftonia monophylla</u>	8b	buckwheat tree			
<u>Cornus florida</u>	8b	flowering dogwood	<u>Juniperus silicicola</u>	8b	Southern redcedar
<u>Cornus foemina</u>	8b	stiff dogwood	<u>Juniperus virginiana</u>	8b	Eastern redcedar
<u>Cornus stricta</u>	8b	swamp dogwood	<u>Leitneria floridana</u>	8b	corkwood
			<u>Liquidambar styraciflua</u>	8b	sweetgum
<u>Crataegus aestivalis</u>	8b	mayhaw	<u>Liriodendron tulipifera</u>	8b	yellow-poplar
<u>Cyrilla parvifolia</u>	8b	littleleaf titi	<u>Lyonia ferruginea</u>	8b	staggerbush
<u>Cyrilla racemiflora</u>	8b	swamp titi			
			<u>Magnolia grandiflora</u>	8b	Southern magnolia
<u>Diospyros virginiana</u>	8b	persimmon	<u>Magnolia pyramidata</u>	8b	pyramid magnolia
			<u>Magnolia virginiana</u>	8b	sweetbay
<u>Elliottia racemosa</u>	8b	Georgia plume	<u>Morus rubra</u>	8b	red mulberry

**Table 5: Native Trees of Georgia in Hardiness Zone 8b.** (continued)

scientific name	zone	common name	scientific name	zone	common name
<u>Myrica cerifera</u>	8b	wax-myrtle	<u>Quercus hemisphaerica</u>	8b	laurel oak
<u>Myrica heterophylla</u>	8b	evergreen bayberry	<u>Quercus incana</u>	8b	bluejack oak
<u>Myrica inodora</u>	8b	odorless bayberry	<u>Quercus laevis</u>	8b	turkey oak
			<u>Quercus laurifolia</u>	8b	swamp laurel oak
			<u>Quercus lyrata</u>	8b	overcup oak
<u>Nyssa aquatica</u>	8b	water tupelo	<u>Quercus margaretta</u>	8b	sand post oak
<u>Nyssa biflora</u>	8b	swamp tupelo	<u>Quercus marilandica</u>	8b	blackjack oak
<u>Nyssa ogeche</u>	8b	Ogeeche-lime	<u>Quercus michauxii</u>	8b	swamp chestnut oak
<u>Nyssa sylvatica</u>	8b	blackgum			
			<u>Quercus minima</u>	8b	dwarf live oak
<u>Osmanthus americanus</u>	8b	devilwood	<u>Quercus myrtifolia</u>	8b	myrtle oak
			<u>Quercus nigra</u>	8b	water oak
<u>Persea borbonia</u>	8b	red-bay	<u>Quercus pagoda</u>	8b	cherrybark oak
<u>Persea palustris</u>	8b	swamp-bay	<u>Quercus shumardii</u>	8b	Shumard's oak
<u>Pinckneya bracteata</u>	8b	fevertree	<u>Quercus similis</u>	8b	swamp post oak
<u>Pinus echinata</u>	8b	shortleaf pine	<u>Quercus sinuata</u>	8b	bastard (Durand) oak
<u>Pinus elliotii</u>	8b	slash pine			
<u>Pinus glabra</u>	8b	spruce pine	<u>Quercus stellata</u>	8b	post oak
<u>Pinus palustris</u>	8b	longleaf pine	<u>Quercus virginiana</u>	8b	live oak
<u>Pinus serotina</u>	8b	pond pine			
<u>Pinus taeda</u>	8b	loblolly pine	<u>Rhus copallinum</u>	8b	winged sumac
<u>Planera aquatica</u>	8b	planertree			
<u>Platanus occidentalis</u>	8b	American sycamore	<u>Sabal palmetto</u>	8b	cabbage palmetto
<u>Populus heterophylla</u>	8b	swamp cottonwood	<u>Salix caroliniana</u>	8b	Coastal Plain willow
<u>Prunus alabamensis</u>	8b	Alabama cherry	<u>Salix floridana</u>	8b	Florida willow
<u>Prunus angustifolia</u>	8b	Chickasaw plum	<u>Salix nigra</u>	8b	black willow
<u>Prunus caroliniana</u>	8b	laurelcherry	<u>Sambucus canadensis</u>	8b	American elder
<u>Prunus serotina</u>	8b	black cherry	<u>Sambucus simpsonii</u>	8b	Southern elder
<u>Prunus umbellata</u>	8b	flatwoods plum	<u>Sapindus marginatus</u>	8b	Florida soapberry
<u>Ptelea trifoliata</u>	8b	hoptree			
			<u>Sassafras albidum</u>	8b	sassafras
<u>Quercus alba</u>	8b	white oak	<u>Serenoa repens</u>	8b	saw palmetto
<u>Quercus arkansana</u>	8b	Arkansas oak	<u>Sideroxylon lanuginosa</u>	8b	gum bumelia
<u>Quercus austrina</u>	8b	bluff oak	<u>Sideroxylon tenax</u>	8b	tough bumelia
<u>Quercus breviloba</u>	8b	Gulf oak	<u>Stewartia malacodendron</u>	8b	silky camellia
<u>Quercus chapmanii</u>	8b	Chapman oak	<u>Styrax americanus</u>	8b	American snowbell
<u>Quercus falcata</u>	8b	Southern red oak	<u>Styrax grandifolius</u>	8b	bigleaf snowbell
<u>Quercus geminata</u>	8b	sand live oak	<u>Symplocos tinctoria</u>	8b	sweetleaf

**Table 5: Native Trees of Georgia in Hardiness Zone 8b.** (continued)

scientific name	zone	common name	scientific name	zone	common name
<u>Taxodium ascendens</u>	8b	pond-cypress	<u>Viburnum nudum</u>	8b	Southern
<u>Taxodium distichum</u>	8b	bald-cypress			possumhaw
<u>Tilia caroliniana</u>	8b	Carolina basswood	<u>Viburnum obovatum</u>	8b	small-leaf arrowwood
<u>Tilia heterophylla</u>	8b	white basswood	<u>Viburnum rufidulum</u>	8b	rusty blackhaw
<u>Torreya taxifolia</u>	8b	torreya			
<u>Toxicodendron vernix</u>	8b	poison sumac	<u>Yucca aloifolia</u>	8b	Spanish-bayonet
			<u>Yucca gloriosa</u>	8b	moundlilly yucca
<u>Ulmus americana</u>	8b	American elm			
<u>Vaccinium arboreum</u>	8b	farkleberry	<u>Zanthoxylum clava-herculis</u>	8b	Hercules' club

Table 6: List of native Georgia trees found statewide in all hardiness zones (i.e. zones 6b - 8b). (41 spp.)

scientific name	common name	scientific name	common name
<u>Acer rubrum</u>	red maple	<u>Nyssa sylvatica</u>	blackgum
<u>Alnus serrulata</u>	hazel alder	<u>Pinus echinata</u>	shortleaf pine
<u>Aralia spinosa</u>	devil's walkingstick	<u>Pinus taeda</u>	loblolly pine
<u>Betula nigra</u>	river birch	<u>Platanus occidentalis</u>	American sycamore
<u>Carpinus caroliniana</u>	American hornbeam	<u>Prunus angustifolia</u>	Chickasaw plum
<u>Carya glabra</u>	pignut hickory	<u>Prunus serotina</u>	black cherry
<u>Carya ovalis</u>	red hickory	<u>Quercus alba</u>	white oak
<u>Carya tomentosa</u>	mockernut hickory	<u>Quercus falcata</u>	Southern red oak
<u>Castanea pumila</u>	chinquapin	<u>Quercus marilandica</u>	blackjack oak
<u>Cephalanthus occidentalis</u>	buttonbush	<u>Quercus nigra</u>	water oak
<u>Chionanthus virginicus</u>	fringetree	<u>Quercus stellata</u>	post oak
<u>Cornus florida</u>	flowering dogwood	<u>Rhus copallinum</u>	winged sumac
<u>Diospyros virginiana</u>	persimmon	<u>Salix nigra</u>	black willow
<u>Fraxinus pennsylvanica</u>	green ash	<u>Sambucus canadensis</u>	American elder
<u>Halesia carolina</u>	little silverbell	<u>Sassafras albidum</u>	sassafras
<u>Hamamelis virginiana</u>	American witch-hazel	<u>Symplocos tinctoria</u>	sweetleaf
<u>Ilex opaca</u>	American holly	<u>Tilia heterophylla</u>	white basswood
<u>Juniperus virginiana</u>	Eastern redcedar	<u>Toxicodendron vernix</u>	poison sumac
<u>Liriodendron tulipifera</u>	yellow-poplar	<u>Ulmus americana</u>	American elm
<u>Morus rubra</u>	red mulberry	<u>Vaccinium arboreum</u>	farkleberry
		<u>Viburnum rufidulum</u>	rusty blackhaw