

PLANT SELECTION GUIDE FOR LANDSCAPING IN WINFIELD, INDIANA

A. DECIDUOUS TREES

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
TALL TREES – 40-100 feet in height; plant at least 40-50 feet apart; columnar species, 20-30 feet apart				
Ash, Fallgold ^b	<i>Fraxinus nigra</i> 'Fallgold'	M	Oval	Urban; seedless; dark green foliage; golden yellow fall color; pest problem limits use
Ash, Green (G.A.) ^b	<i>Fraxinus pennsylvanica</i>	F	Oval-irregular	Dry to wet soil; tolerates poor drainage; twiggy and weak-wooded; yellow fall color; pest problems limits use
Aerial G.A.	'Aerial'	F	Columnar	Narrow, upright branching
Marshall Seedless G.A.	'Marshall Seedless'	F	Oval	Seedless; glossy, dark green foliage; improving habit of growth
Patmore G.A.	'Patmore'	F	Oval	Seedless; shining green leaves; yellow fall color; straight trunk
Summit G.A.	'Summit'	F	Upright	Finer textured foliage
Ash, White (W.A.) ^b	<i>Fraxinus americana</i>	M	Round	Moist soil; tolerates poor drainage; dioecious (requiring pollination); orange to purple fall color; salt-tolerant, pest problem limits use
Autumn Applause W.A.	'Autumn Applause'	M	Oval	Seedless; deep red fall color
Autumn Purple W.A.	'Autumn Purple'	M	Round	Seedless; superior fall color
Champaign County W.A.	'Champaign County'	M	Oval	Seedless; shiny dark green foliage; yellow to purplish fall color
Rosehill W.A.	'Rosehill'	S	Oval	Seedless; dark green foliage; bronze-red fall color
Skyline W.A.	'Skyline'	M	Oval	Seedless; upright habitat
Beech, American	<i>Fagus grandifolia</i>	S	Oval	Moist, rich soil; smooth gray bark; yellow-bronze fall color; difficult to transplant; shallow root system sensitive to trampling
Beech, European	<i>Fagus sylvatica</i>	S	Round	Moist, rich soil; less difficult to transplant than <i>F. grandifolia</i> ; several cultivars available
Catalpa, Northern	<i>Catalpa speciosa</i>	F	Oval	Poor, dry soil; showy white June flowers; coarse; litter problem; no fall color; subject to verticillium wilt
Coffeetree, Kentucky (K.C.)	<i>Gymnocladus dioica</i>	M	Upright	Moist, rich soil; coarse and rugged; dioecious; litter problem; fruitless cultivars available; good for parking lots
Espresso K.C.	'Espresso'	M	Upright	Drought tolerant; blue-green foliage; podless
Prairie Titan K.C.	'J.C. McDaniel'	M	Upright	Drought tolerant; blue-green foliage; podless
Cypress, Bald	<i>Taxodium distichum</i>	M	Pyramidal	Deciduous conifer, wet soil; fine-textured
Elm, Hybrid (H.E.)	<i>Ulmus x 'Hybrids'</i>	F	Upright	Dutch elm disease (DED) resistant; urban
Accolade H.E.	'Morton'	F	Vase	DED resistant; urban
Frontier H.E.	'Frontier'	S	Upright	DED resistant; urban
Homestead H.E.	'Homestead'	F	Upright	DED resistant; salt and drought tolerance
New Horizon H.E.	'New Horizon'	F	Pyramidal	DED resistant; urban
Patriot H.E.	'Patriot'	F	Vase	DED resistant; urban
Pioneer H.E.	'Pioneer'	F	Round	DED resistant; urban
Triumph H.E.	'Morton Glossy'	F	Vase	DED resistant; urban
Valley Forge H.E.	'Valley Forge'	F	Upright	DED resistant; urban
Elm, Japanese (J.E.)	<i>Ulmus davidiana</i> var. <i>japonica</i> and cvs.	S	Vase	DED resistant; urban
Discovery J.E.	'Discovery'	S	Vase	DED resistant; urban
Prospector J.E.	'Prospector'	M	Vase	DED resistant; urban
Filbert, Turkish	<i>Corylus colurna</i>	M	Pyramidal	Urban; well-drained soil; dark green foliage, nuts
Ginkgo (G.); Maidenhair Tree (Male only)	<i>Ginkgo biloba</i>	S	Pyramidal	Urban; dioecious, females produce foul smelling fruits; fan-shaped leaves; golden yellow fall color
Autumn Gold G.	'Autumn Gold'	S	Conical	Urban; fruitless; yellow fall color
Fairmount G.	'Fairmount'	S	Pyramidal	Urban; fruitless; yellow fall color
Lakeview G.	'Lakeview'	S	Columnar	Urban; fruitless; yellow fall color
Sentry G.	'Fastigiata'	S	Columnar	Fruitless; yellow fall color
Hackberry, Common (C.H.)	<i>Celtis occidentalis</i>	M	Vase	Tolerates alkaline soils; "pebbled" bark; hard black fruits; yellowish fall color; pest or disease problem and witch's broom may limit use
Prairie Pride C.H.	"Prairie Pride"	M	Vase	Superior branch structure; glossier leaves; no witches' broom
Hickory, Shagbark	<i>Carya ovata</i>	M	Vase	Dry, well-drained soil; shaggy bark; nuts
Honeylocust, Thornless Common (T.C.H.)	<i>Gleditsia triacanthos</i> var. <i>inermis</i>	F	Vase	Tolerates poor drainage; thornless, as are all the following; pest or disease problem may limit use; salt-tolerant; good for parking lots
Imperial T.C.H.	'Impcole'	F	Round	Podless; low-growing; pest or disease problem may limit use
Majestic T.C.H.	'Majestic'	F	Irregular	Podless; resistant to diseases; pest problems may limit use
Moraine T.C.H.	'Moraine'	F	Irregular	Usually fruitless; dense foliage
Shademaster T.C.H.	'Shademaster'	F	Irregular	Podless; vase shape in age; pest or disease problem may limit use
Skyline T.C.H.	'Skycole'	F	Upright	Podless; tends to form central leader; good golden fall color; pest or disease problem may limit use
Horsechestnut, Bauman	<i>Aesculus hippocastanum</i>	M	Round	Urban; coarse soil; litter problem; difficult to transplant; pest or disease problems may limit use; salt-tolerant; showy, white, May flowers; no fall color
Bauman H.	"Baumannii"	M	Round	Showy white flowers; fruitless

A. DECIDUOUS TREES (CONTINUED)

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
TALL TREES – 40-100 feet in height; plant at least 40-50 feet apart; columnar species, 20-30 feet apart (continued)				
Katsuratree	<i>Cercidiphyllum japonicum</i>	M	Vase	Moist soil; dioecious; small pods; form controlled by pruning, wide-spreading if multi-trunked; yellow to apricot fall color
Larch, European	<i>Larix deciduas</i>	F	Pyramidal	Full sun; graceful, fine-textured; transplant in spring before buds open; litter problem
Larch, Japanese	<i>Larix japonicum</i>	F	Wide-pyramidal	Similar to above; more picturesque
Linden, American (A.L.); Basswood	<i>Tilia americana</i>	M	Round	Salt-sensitive; coarse, rich soils
American Sentry L.		M	Pyramidal	Urban; shiny dark green foliage
Redmond A.L.		M	Pyramidal	Urban; dark green foliage
Linden, Littleleaf (L.L.)	<i>Tilia cordata</i>	S	Pyramidal	Urban; moist soil; fragrant flowers; poor branch structure, needs training while young; yellow fall color
Chancellor L.L.	'Chancole'	S	Pyramidal	Uniform, upright habit
Glenleven L.L.	'Glenleven'	M	Pyramidal	Straight, upright habit
Greenspire L.L.	'Greenspire'	S	Pyramidal	Improved branching habit
Maple, Red (R.M.)	<i>Acer rubrum</i>	F	Round	Moist, acid soil; tolerates poor drainage; smooth gray bark turns flaky with age; yellow, orange, or red fall color; good for parking lots
Autumn Flame R.M.	'Autumn Flame'	F	Round	Early, scarlet fall color; good for parking lots
Bowhall R.M.	'Bowhall'	F	Oval	Orange fall color
Red Sunset R.M.	'Red Sunset'	F	Round	Late, scarlet fall color
Schlesinger R.M.	'Schlesinger'	F	Round	Red-orange fall color
Maple, Silver (S.M.)	<i>Acer saccharinum</i>	F	Vase	Moist soil; tolerates poor drainage; fine-textured; weak wooded; competitive roots; subject to storm damage; yellowish or no fall color
Celebration S.M.	'Celebration'	F	Vase	Seedless
Upright S.M.	'Pyramidale'	F	Pyramidal	Improved branch structure
Maple, Sugar (S.M.)	<i>Acer saccharinum</i>	M	Round	Sun; rich soil; salt-sensitive; oval when young; competitive roots; yellow, orange, or red fall color
Black Maple	<i>ssp. nigrum</i>	M	Round	Scorch-resistant; leathery leaves
Green Mountain S.M.	'Green Mountain'	M	Round	Scorch-resistant; leathery leaves
Legacy S.M.	'Legacy'	M	Round	Scorch-resistant; leathery leaves
Oak, Black	<i>Quercus velutina</i>	M	Round	Dry, well-drained sandy soil; full sun; acorns
Oak, Bur	<i>Quercus macrocarpa</i>	S	Round	Dry to wet soil; full sun, acorns; difficult to transplant; no fall color
Oak, Pin	<i>Quercus palustris</i>	M	Pyramidal	Moist, acid soil; acorns; pendulous lower branches; red fall color; iron chlorosis on alkaline soil
Oak, Red	<i>Quercus rubra</i>	M	Round	Urban; pyramidal when young; acorns; red fall color; well-drained soil; often sold as <i>Q. borealis</i>
Oak, Swamp White	<i>Quercus bicolor</i>	S	Round	Moist to wet soil; tolerates poor drainage; acorns
Oak, White	<i>Quercus alba</i>	S	Round	Dry soil; subject to iron chlorosis; red fall color; difficult to transplant
Planetree, American; Sycamore	<i>Platanus occidentalis</i>	F	Pyramidal	Moist soil; tolerates poor drainage; mottled bark; maple-like leaves
Planetree, London	<i>Platanus x acerifolia</i>	F	Pyramidal	Moist soil; tolerates poor drainage; mottled bark; maple-like leaves
Tuliptree; Tulip Magnolia	<i>Liriodendron tulipifera</i>	F	Upright	Rich, moist soil; purchase from northern source; unique leaves, interesting June flowers; yellow fall color
MEDIUM TREES – 30-40 feet in height; plant at least 20-35 feet apart, depending on spread				
Birch, River (R.B.)	<i>Betula nigra</i>	M	Vase	Wet to dry soil; intolerant of alkaline soils; tolerates poor drainage; pinkish, peeling bark, yellow fall color
Heritage R.B.	'Heritage'	M	Vase	Lighter bark color
Birch, Whitespire	<i>Betula platyphylla</i> var. <i>Japonica</i> 'Whitespire'	M	Pyramidal	White bark; heat tolerance results in greater resistance to bronze birch borer
Buckeye, Ohio	<i>Aesculus glabra</i>	S	Rounded	Rich, moist soil; yellow-green flowers; orange fall color
Cherry, Kwanzan Oriental	<i>Prunus serrulata</i> 'Sekiyama'	M	Vase	Sun; well-drained soil; tolerates drought; deep pink flowers; fruitless
Cherry, Sargent (S.C.)	<i>Prunus sargentii</i> 'Columnaris'	M	Upright	Sun; well-drained soil; early pink flowers; red fall color
Columnar S.C.		M	Columnar	Glossy dark green foliage; red-orange fall color; polished bark
Corktree, Macho Amur (Male only)	<i>Phellodendron amurense</i> 'Macho'	M	Vase	Urban; dry soil; seedless; compound leaves; corky bark; yellow fall color
Elm, Emerald Sunshine	<i>Ulmus davidiana</i> var. <i>Japonica</i> 'JFS-Bieberich'	S	Vase	DED resistant; urban
Japanese				
Elm, Lacebark; Chinese Elm	<i>Ulmus parvifolia</i>	M	Vase	DED resistant; exfoliating bark
Gum, Black; Black Tupelo	<i>Nyssa Sylvatica</i>	S	Pyramidal	Acidic soil; tolerates poor drainage; dioecious; orange to scarlet fall color, bluish black fruits
Horsechestnut, Ruby Red	<i>Aesculus x carnea</i> 'Briotii'	S	Round	Rich, moist soil; cone-shaped red flowers; subject to sunscald; nearly fruitless

A. DECIDUOUS TREES (CONTINUED)

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
MEDIUM TREES – 30-40 feet in height; plant at least 20-35 feet apart, depending on spread (continued)				
Pear, Callery (C.P.) Autumn Blaze C.P. Chanticleer C.P.	<i>Pyrus calleryana</i> 'Autumn Blaze' 'Cleveland Select'	M M	Round Columnar	Most winter-hardy; horizontal branching; some thorns Upright branches; thornless
Willow, Golden Weeping	<i>Salix x sepulcralis Tristis'</i>	F	Weeping	Wet soil; tolerates poor drainage; bright yellow twigs; fine textured; litter problem
LOW TREES – 15-30 feet in height; plant at least 15-30 feet apart, depending on spread				
Crabapples, Ornamental; Flowering Crabapples (C.) Adam C.	<i>Malus</i> spp. and cvs 'Adams'	M	Spreading	All require well-drained soil and sun. Most possess a high degree of resistance to the apple scab disease and are drought tolerant Slightly susceptible to fire blight; rose-red flowers; persistent deep red fruits
Adirondack C.	'Adirondack'	M	Spreading	Disease resistant; white flowers; red fruits
Bob White C.	'Bob White'	M	Round	Disease resistant; white flowers; yellow fruits
Cardinal C.	'Cardinal'	M	Spreading	Disease resistant; red flowers; red fruits
Cinderella C.	'Cinzam'	M	Spreading	Disease resistant; white flowers; red fruits
Coral Cascade C.	'Coral Cascade'	M	Weeping	Disease resistant; pinkish-white flowers; orange fruits
Coralburst C.	'Coralburst'	M	Round	Disease resistant; coral-pink buds; rose-pink flowers; dwarf-type tree
Dolgo C.	'Dolgo'	F	Upright-spreading	Disease resistant; white flowers; crimson fruits
Donald Wyman C.	'Donald Wyman'	M	Round-spreading	Disease and scab resistant; white flowers; persistent bright red fruits
Golden Hornet C.	'Golden Hornet'	M	Upright-spreading	Disease resistant; white flowers; yellow fruits
Golden Raindrop C.	'Golden Raindrop'	M	Upright-spreading	Disease resistant; white flowers; yellow fruits
Harvest Gold C.	'Harvest Gold'	M	Upright-spreading	Disease resistant; white flowers; yellow fruits
Indian Summer C.	'Indian Summer'	M	Rounded	Disease resistant; rose-red flowers; persistent red fruits
Jack C.	<i>Malus baccata</i> 'Jackii'	M	Upright-spreading	Slightly susceptible to fire blight; scab-resistant; white flowers; tiny, dark red fruits
Jewelberry C.	'Jewelberry'	M	Spreading	Disease resistant; white flowers; persistent 1/2" diameter, red fruits, 8' mature height
King Arthur C.	'Kinarzam'	M	Round	Disease resistant; white flowers; red fruits
Lancelot C.	'Lanzam'	M	Spreading	Disease resistant; white flowers; yellow fruits
Louisa C.	'Louisa'	M	Weeping	Disease resistant; pink flowers; red fruits
Molten Lava C.	'Molazam'	M	Weeping	Disease resistant; red flowers; red fruits
Ormiston Roy C.	'Ormiston Roy'	M	Rounded	Slightly susceptible to fire blight; scab resistant; white flowers; persistent yellow fruits
Prairiefire C.	'Prairie Fire'	M	Upright	Disease resistant to scab; pinkish-red flowers; dark red fruits
Professor Sprenger C.	'Professor Sprenger'	M	Upright-spreading	Disease and scab resistant; white flowers; persistent orange fruits
Profusion C.	'Profusion'	M	Round-spreading	Slightly susceptible to fire blight; bronze-green foliage; rose-red flowers; deep red fruits
Purple Prince C.	'Purple Prince'	M	Spreading	Disease resistant; rose red flowers; red fruits
Red Jewel C.	'Jewelcole'	M	Upright-spreading	Moderately susceptible to scab; white flowers; persistent red fruits
Red Splendor C.	'Red Splendor'	M	Vase	Slightly susceptible to scab and moderately to fire blight; pink flowers; bright red fruits remain into winter
Robinson C.	'Robinson'	M	Upright-spreading	Disease resistant; deep pink flowers; red fruits
Royal Raindrops C.	'JFS-KW5'	M	Spreading	Disease resistant; pinkish-red flowers; red fruits
Sargent C.	<i>Malus sargentii</i>	S	Spreading	Slightly susceptible to scab, fire blight, and leaf spot; white flowers; dark red fruits; 8' mature height
Candy mint Sargent C.	'Candy mint'	M	Spreading	Disease resistant; pink flowers; red fruits
Firebird Sargent C.	'Select A'	M	Spreading	Disease resistant; white flowers; red fruits
Tina Sargent C.	'Tina'	S	Spreading	Disease resistant; 5' mature height
Sentinel C.	'Sentinel'	S	Upright	Slightly susceptible to fire blight and scab; white flowers; persistent bright red fruits
Snowdrift C.	'Snowdrift'	S	Vase	Slightly susceptible to fire blight and scab; white flowers; persistent orange-red fruits
Sugar Thyme C.	'Sutyzam'	S	Round	Disease resistant; white flowers; red fruits
White Cascade C.	'White Cascade'	S	Weeping	Disease resistant; white flowers; yellowish fruits
Zumi Calocarpa C.	<i>Malus sieboldii</i> var. <i>zumi</i>	S	Pyramidal	Slightly susceptible to scab, mildew and severely to fire blight; white to pink flowers; bright red fruits
Redbud C.	'Calocarpa'			

A. DECIDUOUS TREES (CONTINUED)

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
LOW TREES – 15-30 feet in height; plant at least 15-30 feet apart, depending on spread (continued)				
Dogwood, Pagoda	<i>Cornus alternifolia</i>	M	Spreading	Cool, moist soil; shade; blue-black fruits on red stalks; early maroon fall color
Hawthorn, Cockspur (C.H.) Thornless C.H.	<i>Crataegus crusgalli</i> var. <i>inermis</i>	S M	Spreading Spreading	Urban; sun; persistent, brick red fruits; thorns; orange to red fall color Few thorns; dark green foliage; bright red fruits
Hawthorn, Dotted	<i>Crataegus punctata</i>	S	Spreading	Moist, heavy soil; sun; picturesque; susceptible to rust
Hawthorn, Downy	<i>Crataegus mollis</i>	S	Spreading	Sun; large, red, early-ripening fruit; susceptible to rust; yellow fall color
Hawthorn, Washington	<i>Crataegus phaenopyrum</i>	M	Upright	Urban; sun; thorns; latest blooming; small, persistent, orange-red fruits in clusters; orange fall colors
Hawthorn, Winter King	<i>Crataegus x viridis</i> "Winter King"	M	Upright	Sun; few thorns; glossy leaves; persistent red fruits; silver bark
Hophornbeam; Ironwood	<i>Ostrya virginiana</i>	S	Pyramidal	Dry soil; shade; catkins; elm-like leaves; yellowish fall color
Hornbeam, American Blue Beech; Ironwood; Musclewood	<i>Carpinus caroliniana</i>	S	Spreading	Moist soil; shade; smooth, gray, muscle-like trunk; orange fall color
Lilac, Japanese Tree (J.T.L.) Ivory Silk J.T.L. Summer Snow J.T.L.	<i>Syringa reticulata</i> 'Ivory Silk' 'Summer Snow'	S S M	Horizontal Oval Round	Sun; large; pyramidal, cream-white fragrant flower cluster in June; tan fruits; salt-tolerant Straight, single trunk Glossy dark green leaves; large creamy-white flowers; cheery like bark
Magnolia, Loebner (L.M.) Leonard Messel L.M. Merrill L.M.	<i>Magnolia x loebneri</i> 'Leonard Messel' 'Merrill'	S S S	Pyramidal Pyramidal Pyramidal	Rich soil; sun; difficult to transplant Pink flowers White flowers
Magnolia, Saucer	<i>Magnolia x soulangiana</i>	S	Round	Rich soil; sun; large pink flowers; difficult to transplant; subject to alkaline soil-induced chlorosis
Magnolia, Star	<i>Magnolia stellata</i> 'Royal Star'	S	Round	Well-drained soil; sun; early white flowers
Maple, Japanese (J.M.) Bloodgood J.M. Crimson King J.M. Emerald Queen J.M.	<i>Acer palmatum</i> 'Bloodgood' 'Crimson King' 'Emerald Queen'	M M M M	Spreading Spreading Spreading Spreading	Sun or partial shade; green to red foliage Red-purple foliage Red foliage Green foliage
Maple, Globe Norway	<i>Acer platanoides</i> 'Globosum'	S	Round	Urban; dense canopy; useful on a standard under utility wires; 20' height; yellow fall color
Mountainash, American	<i>Sorbus americana</i>	S	Oval	Cool soil; white flowers; orange-red fruits
Mountainash, European	<i>Sorbus aucuparia</i> and cvs.	S	Oval	Cool soil; orange fruits; pest or disease problem
Mountainash, Korean	<i>Sorbus alnifolia</i>	S	Oval	Cool soil; simple leaves; small flowers and fruits; subject to fire blight; orange to red fall color
Mountainash, Showy	<i>Sorbus decora</i>	S	Upright	Cool soil; large, reddish fruits; pest or disease problem
Redbud, Eastern	<i>Cercis Canadensis</i>	M	Spreading	Sun or shade; purplish-pink flowers; yellow fall color "Columbus Strain" is the most winter-hardy
Serviceberry, Allegany (A.S.) Cumulus A.S.	<i>Amelanchier laevis</i> 'Cumulus'	S S	Upright Upright	Moist soil; white flowers; edible fruits; orange to red fall color Single trunk
Serviceberry, Apple (A.S.) Autumn Brilliance A.S. Princess Diana A.S. Strata A.S.	<i>Amelanchier x grandiflora</i> 'Autumn Brilliance' Princess Diana' 'Strata'	S S S S	Upright Spreading Spreading Spreading	Moist soil; white flowers; edible fruits; orange to red fall color Bright red-orange fall color Bright red-orange fall color Horizontal branching
Serviceberry, Downy; Juneberry	<i>Amelanchier arborea</i>	S	Upright	Dry soil; suckering; gray bark; edible fruits; white flowers; yellow fall color
Willow, Laurel	<i>Salix pentandra</i>	M	Round	Wet soil; sun; glossy, dark green foliage; dense habit; good screening plant

NOTES: The following abbreviations represent: cvs. – cultivars; ssp. – subspecies; and var. – variety. A variety of trees should be planted for diversity and to help avoid the wide-spread loss of trees through disease and pest infestations. As a general guide, species diversity should be established with no more than 30 percent of plants from one "family", no more than 20 percent from one "genus", and no more than 10 percent from any single "species", including "cultivars" and "varieties".

^a The following letters represent: S - Slow; M - Moderate; and F - Fast.

^b The use of ash trees should be carefully considered due to presence of Emerald Ash Borer in Indiana.

B. EVERGREEN TREES

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
TALL TREES – 60-80 feet in height; plant at least 25-35 feet apart; depending on spread				
Fir, Douglas	<i>Pseudotsuga menziesii</i>	M	Pyramidal	Half-shade; flat, dark green needles
Fir, White; Concolor Fir	<i>Abies concolor</i>	M	Pyramidal	Dry soil; heat; gray-green foliage
Hemlock, Canadian	<i>Tsuga canadensis</i>	M	Pyramidal	Moist soil; shade; soft, feathery foliage
Pine, Eastern White	<i>Pinus strobes</i>	M	Pyramidal	Moist soil; sun; picturesque; soft, green foliage subject to blister rust
Spruce, Norway	<i>Picea abies</i>	F	Pyramidal	Deep soil; dark green foliage; long cones; pendulous branchlets
MEDIUM TREES – 40-60 feet in height; plant at least 25-35 feet apart; depending on spread				
Pine, Austrian	<i>Pinus nigra</i>	M	Pyramidal	Sun, salt-tolerant; urban; stout, dark green needles; pest or disease problem
Pine, Red	<i>Pinus resinosa</i>	F	Pyramidal	Dry soil; sun; reddish bark; yellow-green winter color
Pine, Scots; Scottish Pine	<i>Pinus sylvestris</i>	F	Irregular-pyramidal	Dry soil; sun; orange bark; bluish needles; pest or disease problem
Pine, Swiss Stone	<i>Pinus cembra</i>	S	Columnar-pyramidal	Sun; narrow habit
Spruce, Serbian	<i>Picea omorika</i>	S	Columnar-pyramidal	Sun; narrow habit; pendulous branchlets
Spruce, White	<i>Picea glauca</i>	M	Pyramidal	Moist soil; sun; light green needles
LOW TREES – 15-40 feet in height; plant at least 10-25 feet apart; depending on spread				
Arborvitae, American, (A.A.); White Cedar	<i>Thuja occidentalis</i>	M	Columnar-pyramidal	Moist soil; half-shade; light green, soft, scale-like foliage, brownish-green in winter; screening plant
Dark Green A.A.	‘Nigra’	S	Columnar-pyramidal	Dark green foliage persistent through winter
Hetz Wintergreen A.A.	‘Hetz Wintergreen’	F	Columnar-pyramidal	Narrow columnar form with single leader; dark green foliage
Pyramidal A.A.	‘Pyramidalis’	S	Columnar-pyramidal	Bright green; soft textured foliage
Sunkist A.A.	‘Sunkist’	S	Columnar-pyramidal	Yellow foliage
Techny Dark-Green A.A.	‘Techny’, ‘Mission’	S	Columnar-pyramidal	Deep green foliage, year-round
Emerald Green	‘Emerald Green’	F	Columnar-pyramidal	Sun; rich moist soil; dark-green foliage
Juniper, Chinese (C.J.)	<i>Juniperus chinensis</i>	S	Columnar	Dry soil; sun; blue-green foliage; rust resistant
Iowa C.J.	‘Iowa’	S	Columnar	Dense columnar form; fruits
Mountbatten C.J.	‘Mountbatten’	S	Columnar	Narrow, columnar form; large fruits
Redcedar, Eastern (E.R.)	<i>Juniperus virginiana</i>	S	Columnar-pyramidal	Dry soil; sun brownish winter coat; susceptible to cedar apple rust; salt tolerant
Burk E.R.	‘Burkii’	S	Columnar-pyramidal	Fine-textured, gray-green foliage
Canaert E.R.	‘Canaertii’	S	Columnar-pyramidal	Dark green, tufted foliage
Silver E.R.	‘Glauc’	S	Columnar-pyramidal	Silver-gray foliage; informal habit
Hill Dundee E.R.	‘Hillii’	S	Columnar-pyramidal	Gray-green foliage turns purple in winter; no fruits
Spruce, Black Hills	<i>Picea glauca var. densata</i>	S	Pyramidal	Dry soil; sun; narrow, dense habit; salt-tolerant
Yew, Upright Japanese; Pyramidal Japanese Yew	<i>Taxus cuspidate</i>	S	Pyramidal	Shade; urban; deep green needles; often sold as <i>Taxus cuspidata</i> ‘Capitata’

NOTE: The abbreviation var represents variety.

^a The following letters represent: S - Slow; M - Moderate; and F - Fast.

C. DECIDUOUS SHRUBS

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
TALL SHRUBS – 8-10 feet in height, sometimes 15 feet; plant at least 4-6 feet apart				
Beautybush	<i>Kolkwitzia amabilis</i>	F	Upright	Alkaline soil; sun; pink flowers in June; shredded bark; leggy
Bladdernut, American	<i>Staphylea trifolia</i>	M	Upright	Moist soil; shade; whitish flowers; green to brown, bladder-like fruits; white-striped bark
Buckeye, Bottlebrush	<i>Aesculus parviflora</i>	M	Mounded	Moist soil; semi-shade; white flowers in July
Cherry, Manchu; Nanking Cherry	<i>Prunus tomentosa</i>	S	Rounded	Dry soil; sun, white flowers; edible, red fruits
Cotoneaster, Manyflowered	<i>Cotoneaster multiflorus</i>	M	Mounded	Well-drained soil; sun; white flowers; red fruits; very wide-spreading; subject to fire blight
Dogwood, Corneliancherry (C.D.)	<i>Cornus mas</i>	M	Oval	Shade; urban; yellow flowers in April; flower buds may be injured or killed during some winters; edible red fruits
Golden Glory C.D.	'Golden Glory'	M	Upright	Darker green foliage
Dogwood, Gray	<i>Cornus racemosa</i>	S	Erect	Dry or wet soil; shade; white flowers; white fruits; purple fall color
Dogwood, Pagoda	<i>Cornus alterniflora</i>	M	Spreading	Moist soil; shade; white flowers; blue fruits; horizontal branches; early maroon fall color
Dogwood, Redosier (R.D.)	<i>Cornus sericea</i>	F	Spreading	Wet, moist soil; tolerates poor drainage; white flowers; white fruits; red twigs; often sold as <i>C. stolonifera</i>
Bailey R.D.	f. <i>baileyi</i>	F	Erect	Wet, moist soil; tolerates shade; bright red twigs
Yellowtwig R.D.	'Flaviramea'	F	Spreading	Yellow bark in winter
Forsythia, Meadowlark	<i>Forsythia</i> x 'Meadowlark'	F	Upright	Sun; deep yellow flowers in April
Fringetree	<i>Chionanthus virginicus</i>	S	Spreading	Moist soil; shade; spidery white flowers; dioecious; blue fruits; coarse
Hydrangea, Peegee	<i>Hydrangea paniculata</i> 'Grandiflora'	F	Upright	Moist soil; white to pink flowers in August; persistent, tan, flower clusters
Lilac, Chinese	<i>Syringa x chinensis</i>	M	Vase	Dry, alkaline soil; purple-lilac flowers; fine-textured; good screening plant
Lilac, Common	<i>Syringa vulgaris</i> cvs.	M	Upright	Well-drained soil; sun; white, pink, lilac, purple, fragrant flowers; subject to mildew
Lilac, Hyacinth	<i>Syringa x hyacinthiflora</i> cvs.	M	Upright	Sun, white, pink, lilac, purple flowers; early blooming
Lilac, Japanese Tree	<i>Syringa reticula</i>	M	Tree-like	Sun; white flowers in June; tan fruits; cherry-like bark; often sold as <i>S. amurensis japonica</i>
Lilac, Preston	<i>Syringa x prestoniae</i> cvs.	M	Rounded	Sun; pink to purple flowers; late-blooming; coarse textured; possible disease problem
Magnolia, Star	<i>Magnolia stellata</i>	S	Rounded	Rich soil; white flowers; orange fruits; finest-textured magnolia
Ninebark, Common	<i>Physocarpus opulifolius</i>	M	Vase	Moist to wet soil; semi-shade; white flowers; red, capsular fruits; shredded bark; coarse
Pearlbush	<i>Exochorda racemosa</i>	M	Leggy	Sun; pearl-like flowers
Plum, American	<i>Prunus americana</i>	F	Spreading	Dry soil; sun; suckering habit; white flowers; yellow to orange fall color
Plum, Double Flowering; Flowering Almond; Rose-Tree-of-China	<i>Prunus triloba</i>	S	Rounded	Sun; double, pink flowers, no fruit
Serviceberry; Juneberry (Also see Low Deciduous Trees)	<i>Amelanchier</i> spp.	S	Upright	Partial shade; alkaline soil; white flowers; edible purple fruits; smooth gray bark; yellow to orange fall color; fire blight sometimes a problem
Serviceberry, Shadbowl	<i>Amelanchier canadensis</i>	S	Upright	Moist soil; white flowers; black fruits
Smoketree (S.); Smokebush	<i>Cotinus coggygria</i>	M	Rounded	Sun; dry soil; pinkish "smoke-like" inflorescence; subject to verticillium wilt
Nordine Red S.	'Nordine Red'	M	Rounded	Purplish summer foliage
Royal Purple S.	'Royal Purple'	S	Upright	Purple foliage; reddish-purple fall color
Sumac, Smooth	<i>Rhus glabra</i>	F	Suckering	Dry soil; sun; persistent red fruits; smooth stems; scarlet fall color; salt-tolerant
Sumac, Staghorn (S.S.)	<i>Rhus typhina</i>	F	Suckering	Dry soil; sun; persistent red fruits; felty stems; salt-tolerant; orange to red fall color
Shredleaf S.S.; Cut Leaf S.S.	'Dissecta'	F	Picturesque	Dry soil; sun; red fruits; dissected leaves; orange to red in fall
Viburnum, American Cranberrybush; Highbush Cranberry	<i>Viburnum trilobum</i>	M	Upright	Moist soil; shade; lacy, white flowers; persistent
Viburnum, Arrowwood	<i>Viburnum dentatum</i>	M	Vase	Moist soil; shade; white flowers in June; blue fruits; maroon fall color
Viburnum, Blackhaw	<i>Viburnum prunifolium</i>	S	Spreading	Partial shade; white flowers; black fruits; single or multi-trunked; maroon fall color
Viburnum, Burkwood	<i>Viburnum x burkwoodi</i>	M	Upright	Moist, well-drained soil; partial shade; dark green foliage; wine-red fall color
Viburnum Nannyberry	<i>Viburnum lentago</i>	M	Upright	Moist to wet soil; sun or shade; white flowers; black fruits; leggy subject to mildew; maroon fall color

C. DECIDUOUS SHRUBS (CONTINUED)

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
TALL SHRUBS – 8-10 feet in height, sometimes 15 feet; plant at least 4-6 feet apart (continued)				
Viburnum, Sargent	<i>Viburnum sargentii</i>	M	Upright	Lacy white flowers; persistent, red fruits; rough bark
Wahoo, Eastern	<i>Euonymus atropurpurea</i>	M	Tree-like	Moist soil; tiny purple flowers; orange to purple fall color
Willow, Goat; French Pussy Willow	<i>Salix caprea</i>	F	Oval	Wet or dry soil; sun; large, silver catkins in early spring
Witchazel, Common	<i>Hamamelis virginiana</i>	M	Spreading	Shade; yellow flowers in October; yellow fall color
MEDIUM SHRUBS – 5-8 feet in height; plant at least 3-4 feet apart				
Bayberry	<i>Myrica pennsylvanica</i>	M	Upright	Moist to wet soil; sun; gray, fragrant fruits; dioecious; semi-evergreen; suckering; salt-tolerant
Cherry, Purpleleaf Sand	<i>Prunus x cistena</i>	F	Rounded	Dry soil; sun; white flowers; purple foliage all season
Chokeberry, Red	<i>Aronia arbutifolia</i>	S	Erect	Wet soil; shade; tolerates poor drainage; white flowers; red fruits; red fall color
Cotoneaster, Hedge	<i>Cotoneaster lucidus</i>	M	Upright	Dry soil; partial shade; black fruits; good hedge plant; <i>C. acutifolius</i> is similar; orange to maroon fall color
Cotoneaster, Peking	<i>Cotoneaster acutifolius</i>	M	Upright-vase	Partial shade; black fruits, good hedge plant; orange to maroon fall color
Dogwood, Creamedge; Variegated Dogwood	<i>Cornus alba</i> 'Argenteo-marginata'	F	Mounded	Moist soil; white flowers and fruits; variegated foliage with creamy-white margins; often sold as <i>C. elegantissima</i>
Dogwood, Isanti Red	<i>Cornus sericea</i> 'Isanti'	F	Rounded	Moist soil; white flowers and fruits; bright red twigs; compact form; often sold as <i>C. stolonifera</i>
Forsythia, Sunrise	<i>Forsythia x 'Sunrise'</i>	F	Spreading	Sun; urban; large, deep yellow flowers in April
Hazelnut; American Filbert	<i>Corylus Americana</i>	M	Rounded	Dry soil; shade; catkins in March; edible nuts; orange fall color
Jetbead	<i>Rhodotypos scandens</i>	M	Spreading	Dry soil; shade white flowers; black fruits in clusters of four
Lilac, Miss Kim	<i>Syringa patula</i> 'Miss Kim'	S	Rounded	Sun; coarse; purple flowers; maroon autumn foliage
Lilac, Meyer; Palibin Lilac	<i>Syringa meyeri</i> 'Palibin'	S	Rounded	Sun; purple flowers; dense; fine-textured; good informal hedge plant; often sold as <i>S. palibiniana</i>
Lilac, Persian	<i>Syringa persica</i>	M	Upright	Sun; bluish-green foliage; lilac, purple flowers; susceptible to mildew
Mockorange, Glacier	<i>Philadelphus x virginalis</i> 'Glacier'	F	Rounded	Sun; double, white, fragrant flowers
Mockorange, Lemione	<i>Philadelphus x lemoine</i> cvs.	F	Upright	Moist, well-drained soil; sun; semi-dwarf; single white flowers
Privet, Golden Vicary	<i>Ligustrum x vicaryi</i>	M	Vase	Sun; bright yellowish-green foliage
Privet, Regel's Border	<i>Ligustrum obtusifolium</i> var. <i>regelianum</i>	F	Spreading	Dry soil; shade; white flowers; blue-black fruits; late, purple fall color
Rhododendron, P.J.M. Hybrid	<i>Rhododendron x 'P.J.M. Hybrids'</i>	M	Rounded	Partial shade; broadleaf evergreen; bright lavender pink flowers; purple fall color
Rose, Father Hugo	<i>Rosa hugonis</i>	F	Vase	Poor soil; sun; yellow flowers; sparse red fruits; fine-textured
Rose, Prairie; Climbing Rose	<i>Rosa setigera</i>	F	Sprawling-mounded	Sun; pink flowers in July; can be used as a climber; red fruits; orange fall color
Rose, Rugosa	<i>Rosa rugosa</i> cvs.	F	Rounded	Dry soil; sun; white, yellow, pink, or red flowers; large, edible red fruits; salt-tolerant; includes 'Grootendorst'
Spirea, Bridalwreath	<i>Spiraea prunifolia</i>	F	Vase	Sun; white flowers; arching branches
Spirea, Vanhoutte	<i>Spiraea x vanhouttei</i>	F	Vase	Sun; white flowers; arching branches; salt-tolerant
Viburnum, Koreanspice	<i>Viburnum carlesii</i>	S	Rounded	Shade; urban; pink to white, fragrant flowers; blue-black fruits; red fall color
Viburnum, Witherod	<i>Viburnum cassinoides</i>	M	Rounded	Wet, acid soil; tolerates poor drainage; white flowers; pink to red to blue fruits; red fall color
Weigela, Old-Fashioned; Cardinal Bush	<i>Weigela florida</i>	M	Spreading	Well-drained soil; pink, funnel-shaped flowers
Weigela, Red Prince	<i>Weigela x 'Red Prince'</i>	M	Spreading	Well-drained soil; red flowers
Willow, Dwarf Arctic	<i>Salix purpurea</i> 'Gracilis'	F	Rounded	Wet soil; sun; fine-textured silvery leaves; hedge plant
Winterberry	<i>Ilex verticillata</i>	S	Upright	Wet, acid soil; tolerates poor drainage; dioecious; red fruits
LOW SHRUBS – 2-5 feet in height; plant at least 2½ - 3 feet apart				
Azalea, Northern Lights Hybrid	<i>Azalea</i> or <i>Rhododendron</i> X 'Northern Lights Hybrid'	M	Rounded	Sun to shade; dark green leaves; bright white to pink flowers; purple fall color
Box or Boxwood, Green Velvet	<i>Buxus x 'Green Velvet'</i>	S	Rounded	Shade; broadleaf evergreen; good hedge plant; protection from severe low temperatures and winter winds
Box or Boxwood, Wintergreen Korean Littleleaf	<i>Buxus sinica</i> var. <i>insularis</i> 'Wintergreen'	S	Rounded	Shade; broadleaf evergreen; good hedge plant; protection from severe low temperatures and winter winds
Chokeberry, Black; Aronia Berry	<i>Aronia melanocarpa</i>	S	Upright	Drought and wet soil tolerant; white flowers; black fruits; red fall color

C. DECIDUOUS SHRUBS (CONTINUED)

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
LOW SHRUBS – 2-5 feet in height; plant at least 2½ - 3 feet apart (continued)				
Cinquefoil, Bush; Potentilla (P.)	<i>Potentilla fruticosa</i>	S	Rounded	Moist soil; sun; blooms all summer
Abbotswood P.	'Abbotswood'	S	Rounded	White flowers; blue-green foliage
Gold Drop P.	'God Drop'; 'Farrei'	S	Rounded	Yellow flowers; small green leaves
Goldfinger P.	'Goldfinger'	S	Rounded	Yellow flowers; yellow-green foliage
Jackman P.	'Jackmanii'	S	Rounded	Larger bright yellow flowers; medium-green foliage; salt-tolerant
McKay's White P.	'McKay's White'	S	Rounded	Cream flowers; yellow-green foliage
Primrose Beauty P.	'Primrose Beauty'	S	Rounded	Pale yellow flowers, silvery foliage
Coralberry, Indiancurrant; Buckbrush	<i>Symphoricarpos orbiculatus</i>	M	Suckering	Dry soil; shade; pink fruits; good bank cover
Cotoneaster, Cranberry	<i>Cotoneaster apiculatus</i>	S	Mounded	Dry soil; red fruits; red fall color
Cotoneaster, Rock	<i>Cotoneaster horizontalis</i>	M	Spreading	Sun; dark glossy green foliage; fishbone pattern branches; bright red fruits; reddish purple fall color
Currant, Alpine	<i>Ribes alpinum</i>	M	Rounded	Shade; urban; good hedge plant; salt-tolerant
Daphne, Burkwood (B.D.)	<i>Daphne x burkwoodii</i>	S	Rounded	Well-drained soil; partial shade; well-drained soil; semi-evergreen; fragrant pinkish flowers
Carol Mackie B.D.	'Carol Mackie'	S	Rounded	Variegated leaves
Deutzia, Compact Lemoine	<i>Deutzia x lemoinei</i> 'Compacta'	M	Rounded	Well-drained soil; white flowers
Floweringalmond, Pink Dwarf	<i>Prunus glandulosa</i> 'Sinensis'	S	Rounded	Well-drained soil; sun; double, pink flowers; no fruits; narrow leaves
Floweringquince, Texas Scarlet	<i>Chaenomeles x superba</i> 'Texas Scarlet'	M	Spreading	Dry soil; urban; red flowers; yellow, edible fruits; thorniness; flower buds may be injured or killed during some winters
Forsythia, Bronx	<i>Forsythia viridissima</i> 'Bronxensis'	S	Low mound	Sun; small yellow flowers; fine-textured; purple fall color
Honeysuckle, Clavey's Dwarf	<i>Lonicera x xylosteoides</i> 'Clavey's Dwarf'	M	Rounded	Dense growth; good hedge or screening plant
Emerald Mound Honeysuckle	'Emerald Mound'	M	Mounded	Rich, bluish-green foliage; dense, compact form
Miniglobe Honeysuckle	'Nana'	S	Globe	Dense 2' height globe
Miniglobe Honeysuckle	'Miniglobe'	S	Globe	Dense 2' height globe
Honeysuckle, Dwarf Bush	<i>Diervilla lonicera</i>	S	Mounded	Dry soil; shade; yellow flowers; good bank cover
Hydrangea, Smooth	<i>Hydrangea arborescens</i>	S	Mounded	Moist soil; shade; white, clustered flowers; dense; bloom on new wood
Annabelle Hydrangea	'Annabelle'	S	Mounded	White clustered flowers; dense
Snowhill Hydrangea	'Grandiflora'	S	Mounded	Smaller flower clusters and less dense than above
Lead Plant	<i>Amorpha canescens</i>	M	Spreading	Dry, well-drained soil; sun; bright blue flowers
Mockorange, Golden	<i>Philadelphus coronaries</i> 'Aureus'	S	Rounded	Sun; white flowers; yellow summer foliage
Ninebark, Dwarf Common	<i>Physocarpus opulifolius</i> 'Nanus'	S	Rounded	Moist to wet soil; shade; creamy-white flowers; red capsular fruits; shredded bark
Oregongrape, Mayhan	<i>Mahonia aquifolium</i> 'Mayhan'	S	Suckering	Shade; urban; yellow flowers; blue fruits; holly-like evergreen foliage; needs shelter from winter sun and wind
Rose, Knock Out Hybrid	<i>Rosa x 'Knock Out Hybrids'</i>	M	Spreading-mounded	Sun; well-drained soil; pink to red flowers; very hardy
Rose, Virginia	<i>Rosa virginiana</i>	M	Suckering	Sun; pink flowers; persistent red fruits; red stems; good bank cover
Serviceberry, Running	<i>Amelanchier stolonifera</i>	M	Suckering	Dry soil; shade; white flowers; edible fruits; orange fall color
Snowberry	<i>Symphoricarpos albus</i>	F	Vase	Best in dry soil; shade; tiny pink flowers; snowy white fruits; salt-tolerant; may be sold as <i>S. rivularis</i>
Spirea, Billiard	<i>Spiraea x billiardii</i>	M	Upright	Sun; pink flowers in July and August
Spirea, Bumalda (S.)	<i>Spiraea x bumalda</i>	M	Rounded	Dry soil; sun; summer flowering
Anthony Waterer S.	'Anthony Waterer'	M	Rounded	Raspberry red flowers
Froebelii S.	'Froebelii'	M	Rounded	Pinkish flowers; coppery fall color
Goldflame S.	'Goldflame'	M	Rounded	Gold leaves; red-tipped young shoots; coppery fall color
Spirea, Grefsheim	<i>Spiraea x cinerea</i> 'Grefsheim'	S	Mounded	Sun; white flowers in early May; fine-textured; may be sold as 'Graciosa'
Spirea, Japanese (J.S.)	<i>Spiraea japonica</i>			
Daphne J.S.	var. <i>alpina</i>	S	Mounded	Sun; only 10 inches high with tiny pink flowers
Goldmound J.S.	'Goldmound'	S	Mounded	Sun; gold summer foliage
Little Princess J.S.	'Little Princess'	S	Mounded	Sun; pale pink flowers
Spirea, Japanese White	<i>Spiraea albiflora</i>	M	Mounded	Sun; white flowers in summer

C. DECIDUOUS SHRUBS (CONTINUED)

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
LOW SHRUBS – 2-5 feet in height; plant at least 2½ - 3 feet apart (continued)				
Spirea, Snowmound	<i>Spiraea nipponica</i> 'Snowmound'	S	Mounded	Sun; white flowers; blue-green foliage; possible disease problem
Stephanandra, Cutleaf	<i>Stephanandra incise</i> 'Crispa'	F	Mounded	Sun; well-drained, acid soil; excellent ground cover
Sumac, Fragrant (F.S)	<i>Rhus aromatic</i>	M	Mounded	Dry soil; sun; salt-tolerant; red fruits; fragrant foliage, turns orange-maroon in fall
Gro-Low F.S.	'Gro-Low'	M	Mounded	Uniform 2 ½" height; glossy leaves
Sumac, Tiger Eyes	<i>Rhus typhina</i> 'Bailtiger'	M	Mounded	Dry soil; sun; gold foliage; turns orange and scarlet in fall
Tea, New Jersey	<i>Ceanothus americanus</i>	M	Spreading	Dry, well-drained sandy soils; full sun
Viburnum, Dwarf Koreanspice	<i>Viburnum carlesii</i> 'Compacta'	S	Rounded	Partial shade; dense, compact form; white, fragrant flowers; red fall color
Willow, Silver Creeping	<i>Salix repens var nitida</i>	S	Spreading	Moist soil; sun; silvery foliage; ground cover
Winterberry, Red Sprite	<i>Ilex verticillata</i> 'Red Sprite'	S	Upright	Wet, acid soil, tolerates poor drainage; dioecious; large red fruits

NOTES: The following abbreviations represent: cvs. – cultivars; ssp. – subspecies; and var. – variety.

^a The following letters represent: S - Slow; M - Moderate; and F - Fast.

D. EVERGREEN SHRUBS

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
TALL SHRUBS – 8-10 feet in height, sometimes 15 feet; plant at least 6-8 feet apart, depending on spread				
Arborvitae, American, (A.A.); White Cedar (Also see Low Evergreen Trees)	<i>Thuja occidentalis</i>	M	Columnar-pyramidal	Moist soil; half-shade; green soft, scale-like foliage, brownish-green in winter; screening plant
Arborvitae, Ware; Siberian Arborvitae (Also see Low Evergreen Trees)	<i>Thuja occidentalis</i> 'Wareana'	M	Broad-pyramidal	Moist soil; half-shade; dark green foliage; may be sold as T.O. 'Robusta'
Juniper, Chinese (C.J.) Ames C.J.	<i>Juniperus chinensis</i> 'Ames'	M	Broad-pyramidal	Sun; well-drained soil Blueish-green foliage
Fairview C.J.	'Fairview'	M	Broad-pyramidal	Blueish-green foliage; silver berries
Hetz C.J.	'Hetzj'	F	Broad-pyramidal	Silvery blue foliage
Kettleer C.J.	'Kettleeri'	F	Broad-pyramidal	Green foliage
Robusta Green C.J.	'Robusta Green'	M	Broad-pyramidal	Tufted brilliant green foliage
Spartan C.J. (Also see Low Evergreen Trees)	'Spartan'	F	Pyramidal	Rich green foliage
Yew, Upright Japanese	<i>Taxus cuspidate</i> 'Capitata'	S	Pyramidal	Well-drained soil; dark green foliage
Pyramidal Japanese Yew (P.J.Y) Jeffrey's P.J.Y.	'Pyramidalis'	S	Pyramidal	Dark green foliage
(Also see Low Evergreen Trees)	'Jeffrey's Pyramidal'	S	Pyramidal	Green foliage
MEDIUM SHRUBS – 2-8 feet in height; plant at least 4-6 feet apart, depending on spread				
Arborvitae (A.) Globe A. Hetz Midget A. Holmstrup A. Rheingold A. Woodward Globe A.	<i>Thuja occidentalis</i> 'Globosa' 'Hetz Midget' 'Holmstrup' 'Rheingold' 'Woodwardii'	S S S S M	Globular Globular Globular Mound Globular	Moist soil; half-shade; green foliage Green foliage turns grayish green in winter Bright green foliage Dark green foliage; compact Golden foliage Bright green foliage
Juniper, Blue Star Singleseed	<i>Juniperus squamata</i> 'Bluestar'	S	Mounded	Sun; blue foliage
Fishtail Juniper	'Meyeri'	S	Irregular-bushy	Bluish-white foliage
Juniper, Chinese (C.J.) Blaauw C.J. Blue Pfitzer Juniper Gold Tip Pfitzer Juniper Maney C.J. Mint Julep C.J.	<i>Juniper chinensis</i> 'Blaaaw' 'Pfitzeriana Glauca' 'Pfitzeriana Aurea' 'Maney' 'Mint Julep'	M F M M S	Upright-vase Spreading Spreading Upright-vase Upright-bushy	Sun; well-drained soil Grayish-blue foliage Bluish-gray foliage; no fruit Green Foliage with gold tips Bluish-green foliage Yellow-green foliage; also sold as 'Sea Green'
Old Gold C.J. Pfitzer Juniper	'Old Gold' 'Pfitzeriana'	M F	Spreading Wide-spreading	Green foliage with gold tips; bronze-gold foliage in winter; no fruits Green foliage; no fruits; salt-tolerant
Schroeder Compact Juniper	'Pfitzeriana Compacta'	M	Spreading	Compact green foliage
Juniper, Oldfield Common	<i>Juniperus communis</i> var. <i>depressa</i>	S	Spreading	Well-drained soil; sun; light green foliage turns brown in winter
Needle, Adams (A.N.) Bright Edge A.N. Color Guard A.N.	<i>Yucca filamentosa</i> 'Bright Edge' 'Color Guard'	F F F	Mounded Mounded Mounded	Dry soil; sun; green needle-like foliage; creamy white flowers Green foliage with golden yellow edges Follow with white and cream inside and green edges
Pine, Mugo (M.P.) Dwarf M.P.	<i>Pinus mugo</i> var. <i>mugo</i> 'Compacta'	M M	Mounded Mounded	Dry soil; sun; green foliage; pest problem may limit use Dry soil; sun; green foliage; pest problem may limit use
Spruce, Dwarf Alberta	<i>Picea glauca</i> 'Conica'	S	Pyramidal	Shelter from winter sun; light green foliage
Spruce, Nest	<i>Picea abies</i> 'Nidiformis'	S	Spreading	Sun; grayish-green foliage; nest-like shrub
Yew, Anglojapanese	<i>Taxus x media</i> cvs.	S	Round or upright	Shade; very dark green foliage; needs ideal conditions
Densiformis Yew (Y.) Hicks Y. Tauton Y. Ward Y.	'Densiformis' 'Hicksii' 'Tautonii' 'Wardii'	M S S S	Spreading Upright Spreading Spreading	Bright green foliage; protected shady areas Columnar with flat top; dark green foliage Most winter-burn resistant cultivar Dense dark green foliage

D. EVERGREEN SHRUBS (CONTINUED)

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
MEDIUM SHRUBS – 2-8 feet in height; plant at least 4-6 feet apart, depending on spread (continued)				
Yew, Dwarf Japanese	<i>Taxus cuspidate</i> 'Nana'	S	Mounded	Shade; urban; very dark green foliage; needs ideal conditions
Intermedia Japanese Yew (J.Y)	'Intermedia'	S	Rounded	Dark green foliage
Spreading J.Y.	'Expansa'	S	Spreading	Shade; urban; very dark green foliage; needs ideal conditions
LOW SHRUBS – 6-24 inches in height; plant at least 2½-3 feet apart, depending on spread				
Juniper, Chinese	<i>Juniperus chinensis</i>			Well-drained soil; sun
Japanese Garden Juniper	var. <i>procumbens</i>	S	Creeping	Bluish-green foliage year-round
Dwarf Japanese Garden Juniper	'Nana'	S	Creeping	Dwarf and dense
Kallay's Compact Pfitzer Juniper	'Pfizeriana Kallay's Compact'	M	Spreading	Pale green foliage
Sargent Juniper	var. <i>sargentii</i>	M	Creeping	Green or bluish-green foliage in 'Glauca' cultivar
Juniper, Petite Common	<i>Juniperus communis</i>	M	Creeping	Dense; compact; fruits
Creeping Common Juniper	'Repanda'	M	Creeping	Sun; green foliage in winter
Juniper, Creeping	<i>Juniperus horizontalis</i>	M	Creeping	Dry soil; variable color; brown in winter; subject to blight disease
Bar Harbor Juniper (J.)	'Bar Harbor'	M	Creeping	Bluish-green foliage turning purple in winter
Blue Chip J.	'Blue Chip'	M	Creeping	Blue foliage year-round
Blue Rug J.	'Wiltonii'	M	Flat-trailing	Silvery-blue foliage and fruits
Hughes J.	'Hughes'	M	Spreading	Silvery-blue foliage; radial branching habit
Webber J.	'Webben'	M	Creeping	Bluish-green foliage; mat-like
Wisconsin J.	'Wisconsin'	M	Creeping	Bluish-green foliage
Youngstown J.; Andorra J.	'Youngstown'	M	Radial-creeping	Grayish-green foliage turning purple in winter
Juniper, Savin	<i>Juniperus Sabina</i>	S	Low-spreading	Well-drained soil; sun
Broadmoor Juniper (J.)	'Broadmoor'	S	Mounded	Soft grayish-green foliage; fine-textured
Buffalo J.	'Buffalo'	S	Low-spreading	Bright green foliage; fine-textured
Calgary Carpet J.	'Calgary Carpet'	S	Low-spreading	Soft green foliage

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E. ORNAMENTAL GRASSES

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
TALL GRASSES – 4-6 feet in height				
Bluestem, Big; Turkeyfoot	<i>Andropogon, gerardii</i> 'Sentinel'	F	Upright clumps	Moist and dry soils; green or blue-green leaves; orange to copper-red fall color
Dot Grass, Little	<i>Miscanthus sinensis</i> 'Puenktchen'	F	Upright	Green foliage with horizontal yellow bands; spiky texture
Feather Grass, Silver (S.F.G.)	<i>Miscanthus sinensis</i> 'Silberfeder'	F	Upright	Sun; green foliage; large feathery silvery flowers
Sirene S.F.G.	'Sirene'	F	Upright	Sun; green foliage; large feathery silvery flowers
Indian Grass (I.G.)	<i>Sorghastrum nutans</i>	F	Upright clumps	Sun; drought tolerant; green to bluish foliage; showy flower panicles
Indian Steel Grass	'Indian Steel'	F	Upright clumps	Sun; green to bluish foliage; showy flower panicles
Blue I.G.	'Sioux Blue'	F	Upright clumps	Powder-blue foliage; erect form; yellow fall color
Maiden Grass (M.G.); Japanese Silver Grass; Eulalia	<i>Miscanthus sinensis</i>			Moist soil; sun to light shade
Adagio M.G.	'Adagio'	F	Upright	Very narrow green foliage; yellow fall color
Goliath M.G.	'Goliath'	F	Upright	Green foliage; red-orange fall color
Gracillimus M.G.	'Gracillimus'	F	Rounded	Fine textured green foliage; golden-yellow fall color; copper-red inflorescence
Graziella M.G.	'Graziella'	F	Upright	Narrow green leaves; fluffy silver inflorescence; red-orange fall color
Helga Reich M.G.	'Helga Reich'	F	Upright	Fine textured green foliage
July M.G.	'Juli'	F	Upright	Broad, green foliage
Large Fountain M.G.	'Gross Front'	F	Upright	Green foliage; midsummer flowers
Malepartus M.G.	'Malepartus'	F	Upright	Wide green foliage; fluffy, white flowers; gold fall color
Morning Light M.G.	'Morning Light'	F	Upright-rounded	Narrow white variegated foliage; reddish flowers
Sarabande M.G.	'Sarabande'	M	Upright	Fine textured silvery foliage
Variegated M.G.	'Variegatus'	F	Upright	Green and white striped foliage
Moor Grass, Tall Purple (T.P.M.G.)	<i>Molinia caerulea</i> ssp. <i>Arundinacea</i>	M	Upright-rounded	Moist soil; stately inflorescence; green to gray-green foliage; golden-yellow fall color
Mountain Friend T.P.M.G.	'Berggreund'	M	Upright-rounded	Golden-yellow fall color
Skyracer T.P.M.G.	'Skyracer'	F	Upright	Deep orange-yellow fall color
Transparent T.P.M.G.	'Transparent'	M	Arching	'Transparent' between foliage and flowers
Porcupine Grass	<i>Miscanthus sinensis</i> 'Strictus'	F	Upright-rounded	Sun; green foliage with yellow bands; spikey effect
Reed Grass, Feather (F.R.G.)	<i>Calamagrostis x acutiflora</i>	F	Upright clumps	Well-drained, moist soil; sun to light shade; open and feathery
Avalanche F.R.G.	'Avalanche'	F	Upright clumps	White center striped foliage
Karl Foerster F.R.G.	'Karl Foerster'; 'Stricta'	F	Upright clumps	Deep green foliage
Overdam F.R.G.	'Overdam'	F	Upright clumps	Cream white striped foliage
Switch Grass (S.G.); Panic Grass	<i>Panicum virgatum</i>	F	Upright clumps	Sun; drought tolerant; inflorescence with narrow wide spreading branches
Blue Sky S.G.	'Prairie Sky'	F	Upright clumps	Deep blue foliage
Cloud Nine S.G.	'Cloud Nine'	M	Upright clumps	Blue foliage; seed-head appears cloud-like
Dallas Blue S.G.	'Dallas Blues'	F	Upright clumps	Blue foliage
Northwind S.G.	'Northwind'	F	Upright clumps	Blue-green foliage
Tall S.G.	'Cloud Nine'	F	Upright clumps	Blue-green foliage; dark gold fall color

E. ORNAMENTAL GRASSES (CONTINUED)

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
MEDIUM GRASSES – 2-4 feet in height				
Bluestem, Little (L.B.)	<i>Schizachyrium scorparium</i> ;	M	Upright clumps	Moist to dry soils; sun; good drainage; fine-textured purplish to blue-green leaves; orange to crimson red fall color
Blue Heaven L.B.	<i>Andropogon scoparius</i> 'Blue Heaven'	M	Upright clumps	Soft blue-green foliage, red-orange fall color
Prairie Blue L.B.	'Prairie Blues'	M	Upright clumps	Bright grey-blue foliage; red-orange fall color
The Blues L.B.	'The Blues'	M	Upright clumps	Deep blue foliage
Fountain Grass	<i>Pennisetum alopecuroides</i>	M	Cascading mounds	Sun to light shade; green leaves, golden-yellow fall color; foxtail-like inflorescence; dark purple flowers
Frost Grass; Siberian Graybeard; Silvery Spike Grass	<i>Spodiopogon sibiricus</i>	M	Upright clumps	Moist soil; sun to light shade; not drought resistant; green leaves with gray hair inflorescence; bamboo-like stem; deep red to burgundy fall color
Maiden Grass, Little Fountain	<i>Miscanthus sinensis</i> 'Kleine Fontane'	M	Upright	Moist soil; sun to light shade; green foliage; midsummer flowers
Oats, Northern Sea; Wild Oats; Wood Oats	<i>Chasmanthium latifolium</i>	M	Clumps	Moist soil; light shade; green foliage; dangling oat-like spikelets; gold to red-bronze fall color
Reed Grass, Korean Feather; Fall Blooming Reed Grass	<i>Calamagrostis arundinacea</i> var. <i>brachytricha</i>	F	Upright arching clumps	Moist soil; sun to light shade; glossy green foliage; purple-red to silver gray feathery flowers
Reed Grass, Variegated Feather	<i>Calamagrostis arundinacea</i>	F	Upright clumps	Striped green and yellow foliage; feathery
Switch grass, Blue (B.S.G.) or Red (R.S.G.)	<i>Panicum virgatum</i>	M	Upright clumps	Sun, drought tolerant; inflorescence with wide-spreading branches
Hanse Herms R.S.G.	'Hanse Herms'	M	Upright clumps	Lax-stemmed and arching green foliage; burgundy red fall color
Heavy Metal B.S.G.	'Heavy Metal'	M	Upright clumps	Blue-gray foliage turns yellow in fall; pinkish flowers; buff-yellow seedhead
Red-Rays S.G.	'Rotstrahlbusch'	M	Upright clumps	Green foliage; red-burgundy fall color; reddest of all S.G.
Shenandoah R.S.G.	'Shenandoah'	M	Upright clumps	Green foliage; burgundy fall color
LOW GRASSES – 8-24 inches in height				
Blood Grass, Japanese	<i>Imperata cylindrical</i> var. <i>koenigii</i> 'Red Baron'; 'Rubra'	S	Upright	Moist, fertile soil; sun; drought tolerant; green base and red tip leaves; rarely blooms
Dropseed, Prairie (P.D.)	<i>Sporobolus heterolepis</i>	S	Clumps	Moist fertile soil; sun; drought tolerant; glossy emerald green leaves; sweet fragrance
Tara P.D.	'Tara'	S	Clumps	Dwarf and more upright
Wisconsin P.D.	'Wisconsin'	S	Clumps	Deep orange fall color
Dropseed, Sand	<i>Sporobolus cryptandrus</i>	S	Clumps	Drought-tolerant; fine-textured
Fescue, Blue (B.F.)	<i>Festuca ovina glauca</i>	S	Dense tufts	Sun; good drainage; fine-textured; 10" height
Elijah B.F.	<i>Festuca cinera</i> 'Elijah Blue'	S	Dense tufts	Silver-blue foliage; 10" height
Solling B.F.	'Solling'	S	Dense tufts	Silver-gray foliage; 8" height: heat and salt-tolerant
Fountain Grass (F.G.)	<i>Pennisetum alopecuroides</i>			
Dwarf F.G.	'Hameln'	M	Cascading mounds	Sun; green leaves; groundcover massing; cream-white flowers
Little Bunny F.G.	'Little Bunny'	M	Cascading mounds	Miniature grass
Grama, Blue	<i>Bouteloua gracilis</i>	S	Upright	Drought tolerant; green-grayish foliage; blue-green seeds
Grama, Sideoats	<i>Bouteloua curtipendula</i>	S	Upright	Dry, well-drained; sun; seeds on one side; does well on slopes
Hair Grass, Tufted (T.H.G.)	<i>Deschampsia caespitosa</i>			
Tussock Grass				
Goldenhaenge T.H.G.	'Goldenhaenge'	M	Tufted clumps	Rich golden-yellow flowers
Northern Lights T.H.G.	'Northern Lights'	M	Tufted clumps	Moist to wet soil; sun to light shade; hair-like and striped cream-white and green foliage
Schottland T.H.G.	'Schottland'	M	Tufted clumps	Dark green foliage; light green inflorescence

E. ORNAMENTAL GRASSES (CONTINUED)

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
LOW GRASSES – 8-24 inches in height (continued)				
Hakone Grass, Golden Variegated	<i>Hakonechloa macra</i> 'Aurola'	S	Cascading mounds	Moist soil; light shade; striped yellow and green leaves
June Grass; Hair Grass	<i>Koeleria macrantha</i> <i>Koeleria cristata</i>	M	Upright	Sun; blue-gray foliage; bright green flowers
Moor Grass, Purple (P.M.G.)	<i>Molinia caerulea</i>	M	Mounded clumps	Moist soil; light shade; green foliage; slender stalks with narrow panicles; golden-yellow fall color
Variegated P.M.G.	'Variegata'	M	Mounded clumps	Striped light yellow to cream, white foliage; bright yellow stalks
Faithful Ray P.M.G.	'Dauerstrahl'	M	Mounded clumps	Green-leaved and arching
Oat Grass, Blue (B.O.G.)	<i>Helictotrichon sempervirens</i>	M	Dense tufts	Moist; well-drained soil; sun; silver blue foliage semi-evergreen; arching stems
Sapphire Fountain B.O.G.	'Sapphire'	M	Dense tufts	Bright steel blue foliage
Oat Grass, Striped Bulbous; Tuber Oat Grass	<i>Arrhenatherum elatius</i> ssp. <i>bulbosum</i> 'Variegatum'	S	Mounded clumps	Dry soil; light shade; striped white and dark green foliage
Quaking Grass, Perennial	<i>Briza media</i>	S	Clumps	Sun to light shade; ornamental flowers spikelets; heart-shaped seeds; green foliage
Sedge, Creeping Broad-Leaved	<i>Carex siderosticha</i> 'Variegata'	S	Clumps	Moist fertile soil; light shade; striped white and green foliage; 8" height
Sedge, Japanese; Kan Suge (J.S.)	<i>Carex morrowii</i> 'Variegata'	M	Tufted Clumps	Moist soil; striped white and green foliage
Ice Dance J.S.	'Ice Dance'	M	Tufted clumps	Drought-tolerant; variegated shiny foliage
Silver Sceptre J.S.	'Silver Sceptre'	M	Tufted clumps	Narrow foliage with white margins
Sedge, Pennsylvania	<i>Carex pennsylvania</i>	M	Clumps	Drought-tolerant; green foliage; brown seed capsules
Sedge, Tufted	<i>Carex elata</i> 'Bowles Golden'; 'Aurea'	M	Dense tufts	Moist soil; light shade; golden-striped foliage
Woodrush, Greater	<i>Luzula sylvatica</i> 'Marginata'	M	Tufted clumps	Moist soil; light shade; drought tolerant; dark green glossy foliage with cream white edging

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F. GROUNDCOVERS

Common Name	Botanical Name	Growth Rate ^a	Remarks
GROUNDCOVERS			
Bugleweed	<i>Ajuga reptans</i> and cvs.	F	Moist soil; shade; white, red, purple, or blue flowers, evergreen foliage; 4"-6" height
Cinquefoil, Cushion	<i>Potentilla verna nana</i>	M	Sun; well-drained soil; small yellow-green foliage; yellow flowers; 3" height
Cotoneaster, Cranberry	<i>Cotoneaster apiculatus</i>	S	Dry soil; sun; red fruits; herring-bone pattern branches; red fall color; 2' height
Daylily	<i>Hemerocallis</i> cvs.	M	Partial shade; showy flowers; herbaceous; 1'-3' height
Deadnettle, Spotted	<i>Lamium maculatum</i> cvs.	F	Shade; variegated leaves; pink or white flowers; aggressive 6"-8" height
Euonymus, Purpleleaf Wintercreeper (Also see Vines-Bigleaf Wintercreeper)	<i>Euonymus fortunei</i> 'Colorata'	F	Shade; evergreen leaves turn purple in winter; needs shelter from winter sun and wind; 6"-18" height
Fern, Ostrich	<i>Matteuccia struthiopteris</i> ; <i>Peteretis nodulosa</i>	M	Partial shade; moist fertile soil; long bright green leaves; 2'-3' height
Ginger, Wild	<i>Asarum canadense</i>	M	Rich soil; shade; large, heart-shaped leaves; 6" height
Hat, Bishop's	<i>Epimedium</i> spp.	F	Rich soil; shade; herbaceous; yellow or red flowers; 1' height
Honeysuckle, Dwarf Bush	<i>Dierilla lonicera</i>	M	Dry soil; shade; yellow flowers; 3' height
Ivy, Bulgarian	<i>Hedera helix</i> 'Bulgaria'	F	Shade; broadleaf evergreen; needs shelter from winter sun and wind, 6"-8" height
Juniper (Also see Low Evergreen Shrubs)	<i>Juniperus</i> spp.	F	Dry soil; sun; needled evergreen; 6"-24" height
Lily, Plantain; Funkia	<i>Hosta</i> cvs.	M	Shade; green, blue, gold, and variegated leaves; white or lavender flowers; 6"-24" height
Lily-of-the-Valley	<i>Convallaria majalis</i>	F	Shade; moist soil; herbaceous; small, fragrant, white flowers; dark green foliage; 8" height
Periwinkle; Myrtle	<i>Vinca minor</i> and cvs.	M	Shade; blue flowers in May; broadleaf evergreen; 6" height
Phlox, Moss	<i>Phlox subulata</i> and cvs.	M	Sun; dry infertile soil; small, clustered, pink or white flowers; needle-like, semi-evergreen leaves; good bank cover; 6" height
Stonecrop; Sedum	<i>Sedum</i> spp.	M	Dry, infertile soil; sun; rock gardens; succulent; 2"-8" height
Strawberry, Barren	<i>Waldsteinia ternate</i>	M	Partial shade; herbaceous; yellow flowers; 4"-6" height
Sumac, Gro-Low Fragrant	<i>Rhus aromatic</i> 'Gro-Low'	M	Dry soil; sun; orange-maroon fall color; 2 ½' height
Woodruff, Sweet	<i>Galium odoratum</i>	F	Shade; herbaceous; white flowers; fine-textured; 6"-8" height

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G. VINES

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
VINES				
Bittersweet, American	<i>Celastrus scandens</i>	F	Twining	Dry soil; shade; yellow and red terminal fruit clusters dioecious; plant sexes
Clematis (C.)	<i>Clematis</i> cvs.			Cool, alkaline soil; large, showy flowers of many colors
Ernest Markham C.	'Ernest Markham'	F	Twining petioles	Large red flowers
Henry C.	'Henry'	F	Twining petioles	Creamy white flowers
Jackman C.	<i>Clematis x jackmanii</i>	F	Twining petioles	Purple flowers
Nelly Moser C.	'Nelly Moser'	F	Twining petioles	Mauve-pink flowers
Ramona C.	'Ramona'	F	Twining petioles	Blue flowers
Clematis, Sweet Autumn	<i>Clematis maximowicziana</i>	F	Twining petioles	Semi-shade; small, white flowers in September; often sold as <i>C. paniculata</i>
Creeper, Engelmann Virginia; Woodbine	<i>Parthenocissus quinquefolia</i> 'Englemanii'	F	Holdfasts and tendrils	Shade or sun; finer textured than the species; blue fruits; red fall color; salt-tolerant
Dutchmansipe	<i>Aristolochia durior</i>	M	Twining	Shade or sun; finer textured than the species; blue fruits; red fall color; salt-tolerant
Euonymus (E.), Bigleaf Wintercreeper	<i>Euonymus fortune</i> Var. <i>vegeta</i>	F	Aerial rootlets	Shade; broadleaf evergreen; needs shelter from winter sun and wind
Emerald Gaiety E.	'Emerald Gaiety'	F	Aerial rootlets	Deep green leaves with white margins
Emerald and Gold E.	'Emerald and Gold'	F	Aerial rootlets	Deep green leaves with yellow margins
Emerald Pride E.	'Emerald Pride'	F	Aerial rootlets	Dark green foliage; compact, close branching habit
Sarcoxie E.	'Sarcoxie'	F	Aerial rootlets	Upright form; glossy green foliage with whitish veins
Grape	<i>Vitis</i> spp. and cvs	F	Tendrils	Sun; edible fruits
Honeysuckle, Dropmore Scarlet	<i>Lonicera x browii</i> 'Dropmore Scarlet'	F	Twining	Shade or sun; red flowers all season; red fruits; subject to aphids
Honeysuckle, Everblooming; Goldflame Honeysuckle	<i>Lonicera heckrottii</i>	F	Twining	Shade or sun pink and yellow flowers; subject to aphids
Hydrangea, Climbing	<i>Hydrangea anomala</i> spp. <i>Petiolaris</i>	S	Aerial rootlets	Shade, moist soil; white flowers; exfoliating cinnamon bark
Ivy, Boston; Japanese Creeper	<i>Partenocissus tricuspidata</i>	F	Holdfasts	Shade; blue fruits; maroon fall color
Veitch Boston Ivy	'Veitchii'	F	Holdfasts	Fine-textured; less aggressive than the species; young leaves purple
Kiwi, Arctic Beauty; Kolomikta	<i>Actinidia kolomikta</i>	F	Twining	Sun; pink and white blotches on leaves; dioecious; plant both sexes
Actinidia				
Wisteria, Kentucky	<i>Wisteria macrostachya</i>	M	Twining	Sun; drooping lavender flower clusters

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Source: E. R. Hasselkus, Ph.D., A Guide to Selecting Landscape Plants for Wisconsin, 1998, and Laura G. Jull, Ph. D., Drought Tolerant Woody Landscape Plants, 2012, University of Wisconsin-Extension, Madison, Wisconsin; Michael A. Dirr, Manual of Woody Landscape Plants: Their Identification, Ornamental Characteristics, Culture, Propagation and Uses, 5th Ed., Stipes Publishing Company, Champaign, Illinois, 1998; Richard D. Schein, Ph.D., Street Trees: A Manual for Municipalities, Treeworks, State College, Pennsylvania, 1993; Henry D. Gerhold, Willet N. Wandell, and Norman L. Lacasse, Landscape Tree Factsheets, Pennsylvania State University, University Park, Pennsylvania, 2005; Henry D. Gerhold, Norman L. Lacasse, and Willet N. Wandell, Compatible Tree Factsheets for Electric Lines and Restricted Spaces, Including Evergreens for Screens, 2nd Ed., Pennsylvania State University, University Park, Pennsylvania, 2001; Frank S. Santamour, Jr., Trees for Urban Planting: Diversity, Uniformity, and Common Sense, U.S. National Arboretum-Agricultural Research Service, Washington D.C., 1990; and SEWRPC.