

Appendix E

A PLANT SELECTION GUIDE FOR LANDSCAPE PLANTING IN THE VILLAGE OF HARTLAND

The following tables list plants recommended for landscape use within the Village of Hartland. The plant selection guide is divided into seven tables consisting of deciduous trees, evergreen trees, deciduous shrubs, evergreen shrubs, ornamental grasses, groundcovers, and vines. A summary of plant characteristics follows each name and the first five tables further group the plants by height. The tables are not exhaustive, but include plants that are usually available within southeastern Wisconsin. Prior to selecting plants for a specific location, various site characteristics should be carefully analyzed including soil type, drainage conditions, hardiness zone, growing space, available sunlight, wind exposure, salt exposure/plant tolerance, utility lines, traffic visibility, typical snow cover, expected foot traffic and compaction, and other site conditions that could significantly affect the growth of plants.

Plants should also be selected to help establish a design theme for a development and/or achieve the desired neighborhood or community character. Interesting or creative landscape architectural details that use a diverse variety of plants in planting patterns integrated with other landscape features to avoid uncreative and monotonous landscape designs. To be avoided are plants spaced too far apart with excessively large gaps or the monotonous view of a long straight hedge consisting of only one or two types of shrubs and not properly integrated as part of a design theme.

As a general guide, trees and shrubs used for buffering or screening purposes should consist of the following minimum sizes:

1. Deciduous shade trees and ornamental trees should contain a caliper size of at least two inches and 1.5 inches in diameter, respectively, which are measured at least six inches above the root system or ground level.
2. Evergreen trees should be at least five to six feet in height.
3. Deciduous and evergreen shrubs used to screen parking areas from public streets should be at least 18 to 24 inches in height and grow to obtain an overall screening height of at least three feet above the parking surface after three years. A minimum plant size of five to six feet in height is suggested for buffering between incompatible land uses. Smaller plants could be used if combined with other landscape measures, such as planters or berms, provided the desired degree of buffering or screening is achieved.

Deciduous trees selected for installation along streets should contain a caliper size of at least two inches in diameter, measured 4.5 feet (about chest height) above ground level. The over-use of one type of tree should be avoided in order to establish species diversity. For a more complete guide to street tree planting, refer to the sources referenced at the end of this table.

Abbreviations used in the following tables include:

- cvs. – cultivars;
- f. – forma;
- spp. – species;
- ssp. – subspecies;
- var. – variety.

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				
<ul style="list-style-type: none"> ● *Ash, Green (G.A.)^b 	Fraxinus pennsylvanica	F	Oval-irregular	Dry to wet soil; tolerates poor drainage; twiggy and weak-wooded; pest or disease problem may limit use; yellow fall color
Aerial G.A.	'Aerial'	F	Columnar	Narrow, upright branching
Marshall Seedless G.A.	'Marshall Seedless'	F	Oval	Seedless; glossy, dark green foliage; improved habit of growth
Patmore G.A.	'Patmore'	F	Oval	Seedless; shining green leaves; straight trunk yellow fall color
Summit G.A.	'Summit'	F	Upright	Finer textured foliage
<ul style="list-style-type: none"> ● *Ash, White (W.A.)^b 	Fraxinus americana	M	Rounded	Moist soil; tolerates poor drainage; dioecious (requiring pollination); orange to purple fall color; salt-tolerant
Autumn Applause W.A.	'Autumn Applause'	M	Oval	Seedless; deep red fall color
Autumn Purple W.A.	'Autumn Purple'	M	Rounded	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 habit
*Beech, American	Fagus grandifolia	S	Oval	Moist, rich soil; smooth, gray bark; yellow-bronze fall color; difficult to transplant; shallow root system sensitive to trampling
Beech, European	Fagus sylvatica	S	Rounded	Moist, rich soil; less difficult to transplant than F. grandifolia; several cultivars available
Catalpa, Northern	Catalpa speciosa	F	Oval	Poor, dry soil; showy, white, June flowers; coarse; litter problem; no fall color; subject to verticillium wilt
*Cherry, Black	Prunus serotina	M	Oval	Dry soil; white flowers and littering black fruits; orange fall color; subject to black knot
*Coffeetree, Kentucky	Gymnocladus dioica	M	Upright	Moist, rich soil; coarse and rugged; dioecious; litter problem
<ul style="list-style-type: none"> ● Elm, Hybrid (H.E.) 	Ulmus x 'New Horizon'	F	Upright	Dutch elm disease resistant; urban
Regal H.E.	'Regal'	F	Upright	Dutch elm disease resistant; urban
<ul style="list-style-type: none"> ● Ginkgo (G.); Maidenhair Tree (Male Only) 	Ginkgo biloba	S	Pyramidal	Urban; dioecious, females produce smelly fruits; fan-shaped leaves; golden yellow fall color
Autumn Gold G.	'Autumn Gold'	S	Conical	Urban; fruitless; yellow fall color
Lakeview G.	'Lakeview'	S	Columnar	Urban; fruitless; yellow fall color
Sentry G.	'Fastigiata'	S	Columnar	Fruitless; yellow fall color
<ul style="list-style-type: none"> ● *Hackberry, Common (C.H.) 	Celtis occidentalis	M	Vase	Tolerates alkaline soils; "pebbled" bark; hard black fruits; pest or disease problem and witches' broom may limit use; yellowish fall color
Prairie Pride C.H.	'Prairie Pride'	M	Vase	Superior branch structure; glossier leaves; no witches' broom
*Honeylocust, Common	Gleditsia triacanthos	F	Vase	Urban; tolerates poor drainage; salt-tolerant; dioecious, females produce pods; fine-textured foliage; wicked thorns; pest or disease problems may limit use; yellow fall color

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)				
• Honeylocust, Thornless Common (T.C.H.)	Gleditsia triacanthos var. inermis	F	Vase	Tolerates poor drainage; thornless, as are all the following; pest or disease problem may limit use; salt-tolerant
Imperial T.C.H.	'Imperial'	F	Rounded	Podless; low-growing; flat-topped; 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.	'Skyline'	F	Upright	Podless; tends to form central leader; pest or disease problem may limit use; good golden fall color
Sunburst T.C.H.	'Sunburst'	F	Irregular	Podless; yellow new foliage; poor branch structure; pest or disease problem may limit use
Horsechestnut (H.)	Aesculus hippocastanum	M	Rounded	Urban; coarse; litter problem; difficult to transplant; pest or disease problems may limit use; salt-tolerant; showy, white, May flowers; no fall color
• Bauman H.	'Baumanni'	M	Rounded	Showy white flowers; fruitless
Larch, European	Larix decidua	F	Pyramidal	Full sun; graceful, fine-textured; transplant in spring before buds open; litter problem
Larch, Japanese	Larix kaempferi	F	Wide-pyramidal	Similar to above, more picturesque
*Linden, American (A.L.); Basswood	Tilia americana	M	Rounded	Salt-sensitive; coarse; rich soils
• Redmond A.L.	'Redmond'	M	Pyramidal	Urban; dark green foliage
• Linden, Littleleaf (L.L.)	Tilia cordata	S	Pyramidal	Urban; moist soil; poor branch structure, needs training while young; fragrant flowers; yellow fall color
Chancellor L.L.	'Chancellor'	S	Pyramidal	Uniform, upright habit
Glenleven L.L.	'Glenleven'	M	Pyramidal	Straight, upright habit
Greenspire L.L.	'Greenspire'	S	Pyramidal	Improved branching habit
• Linden, Silver	Tilia tomentosa	S	Pyramidal	Tolerates heat and drought
• *Maple, Red (R.M.)	Acer rubrum	F	Rounded	Moist, acid soil; tolerates poor drainage; smooth gray bark turns flaky with age; yellow, orange, or red fall color
Autumn Flame R.M.	'Autumn Flame'	F	Rounded	Early, scarlet fall color
Bowhall R.M.	'Bowhall'	F	Oval	Orange fall color
Red Sunset R.M.	'Red Sunset'	F	Rounded	Late, scarlet fall color
Schlesinger R.M.	'Schlesingeri'	F	Rounded	Red-orange fall color
*Maple, Silver (S.M.)	Acer saccharinum	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.)	Acer saccharum	M	Rounded	Rich soil; sun; salt-sensitive; oval when young; competitive roots; yellow, orange, or red fall color
Black Maple	ssp. nigrum	M	Rounded	Scorch-resistant; leathery leaves
Green Mountain S.M.	'Green Mountain'	M	Rounded	Scorch-resistant; leathery leaves
Legacy S.M.	'Legacy'	M	Rounded	Scorch-resistant; leathery leaves
*Oak, Bur	Quercus macrocarpa	S	Rounded	Dry to wet soil; full sun, acorns; difficult to transplant; no fall color
• Oak, Pin	Quercus palustris	M	Pyramidal	Moist, acid soil; acorns; pendulous lower branches; iron chlorosis on alkaline soil; red fall color

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)				
• *Oak, Red	Quercus rubra	M	Rounded	Well-drained soil; urban; pyramidal when young; acorns; often sold as Q. borealis; red fall color
*Oak, Swamp White	Quercus bicolor	S	Rounded	Moist to wet soil; urban; tolerates poor drainage
*Oak, White	Quercus alba	S	Rounded	Dry soil; subject to iron chlorosis; red fall color; difficult to transplant
Tuliptree; Tulip Magnolia	Liriodendron tulipifera	F	Upright	Rich, moist soil; purchase from northern source; unique leaves, interesting June flowers; yellow fall color
• Zelkova, Japanese (J.Z.)	Zelkova serrata	M	Vase	Dutch elm disease resistant; urban; dark green foliage; yellow-orange-brown fall color
Green Vase J.Z.	'Green Vase'	F	Vase	Dutch elm disease resistant; more upright branching habit; bright green foliage; bronze-red fall color
Village Green J.Z.	'Village Green'	F	Vase	Dutch elm disease resistant; dark green foliage; rusty red fall color
MEDIUM TREES -- 30-40 feet in height; plant at least 20-35 feet apart, depending on spread				
*Birch, River (R.B.)	Betula nigra	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	Betula platyphylla var. japonica 'Whitespire'	M	Pyramidal	White bark; heat tolerance results in greater resistance to bronze birch borer
Buckeye, Ohio	Aesculus glabra	S	Rounded	Rich, moist soil; yellow-green flowers; orange fall color
• Cherry, Sargent (S.C.)	Prunus sargentii	M	Upright	Sun; well-drained soil; early, pink flowers; red fall color
Columnar S.C.	'Columnaris'	M	Columnar	Glossy dark green foliage; red-orange fall color; polished bark
Chokecherry, Amur	Prunus maackii	M	Rounded	Amber, exfoliating bark; does well in containers
Corktree, Macho Amur	Phellodendron amurense 'Macho'	M	Vase	Urban; dry soil; seedless; compound leaves; corky bark; yellow fall color
• Elm, Lacebark; Chinese Elm	Ulmus parvifolia	M	Vase	Dutch elm disease resistant; exfoliating bark
• Horsechestnut, Ruby Red	Aesculus x carnea 'Briotii'	S	Rounded	Rich, moist soil; subject to sunscald; cone-shaped red flowers; nearly fruitless
• Pear, Callery (C.P.)	Pyrus calleryana	M	Rounded	Sun; weak branch structure needs training while young; glossy dark green foliage; early, white flowers; red fall color
Aristocrat C.P.	'Aristocrat'	M	Pyramidal	More horizontal branch structure than 'Bradford'; thornless; glossy, dark green leaves; red-purple fall color
Autumn Blaze C.P.	'Autumn Blaze'	M	Rounded	Most winter-hardy; horizontal branching; some thorns
Bradford C.P.	'Bradford'	M	Pyramidal	Full sun; resistant to fire blight; thornless; inconspicuous fruits; glossy dark green leaves; white flowers; scarlet-purple fall color
Chanticleer C.P.; Cleveland Select C.P.	'Chanticleer'	M	Columnar	Upright branches; thornless
Redspire C.P.	'Red Spire'	M	Pyramidal	Glossy, dark leaves; yellow, crimson, purple fall color
Select C.P.	'Select'	M	Pyramidal	Glossy green leaves; red-orange fall color; white flowers
Katsuratree	Cercidiphyllum japonicum	M	Vase	Moist soil; dioecious; small pods; form controlled by pruning, wide-spreading if multi-trunked; yellow to apricot fall color
Willow, Golden Weeping	Salix x sepulcralis 'Tristis'	F	Weeping	Wet soil; tolerates poor drainage; bright yellow twigs; fine-textured; litter problem

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				
*Chokecherry (C.)	Prunus virginiana	M	Upright	Dry, infertile soil; suckering habit; white flowers; yellow to orange fall color
Canada Red C.; Shubert C.	'Canada Red'; 'Shubert'	M	Upright	Sun; foliage changes from green to purple in the summer
Crabapples, Ornamental; Flowering Crabapples (C.)	Malus spp. and cvs.			All require well-drained soil and sun. Most possess a high degree of resistance to the apple scab disease
Adams C.	'Adams'	M	Spreading	Slightly susceptible to fire blight; rose-red flowers; persistent deep red fruits
Betchel C.	'Betchel'	M	Upright-spreading	Pink flowers
Bob White C.	'Bob White'	M	Rounded	Moderately susceptible to fire blight; scab resistant; white flowers; persistent yellow fruits
Candied Apple C.	'Candied Apple'	M	Weeping	Slightly susceptible to scab; pink flowers; persistent cherry-red fruits; foliage tinged with red
Coralburst C.	'Coralburst'	M	Rounded	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	Rounded-spreading	Disease and scab resistant; white flowers; persistent bright red fruits
Indian Magic C.	'Indian Magic'	M	Vase	Pink flowers; moderately susceptible to scab; glossy red fruits
Indian Summer C.	'Indian Summer'	M	Rounded	Disease resistant; rose-red flowers; persistent red fruits
Jack C.	Malus baccata 'Jackii'	M	Upright-spreading	Slightly susceptible to fire blight; scab-resistant; white flowers; tiny, dark red fruits
Japanese C.	Malus floribunda	M	Spreading	Slightly susceptible to scab and powdery mildew; moderately susceptible to fire blight; pink-white flowers; yellow-red fruits
Kelsey C.	'Kelsey'	M	Upright-spreading	Pink flowers; semi-dwarf tree
Mary Potter C.	'Mary Potter'	S	Horizontal	Moderately susceptible to fire blight and scab; white flowers; red fruits
Ormiston Roy C.	'Ormiston Roy'	M	Rounded	Slightly susceptible to fire blight; scab resistant; white flowers; persistent yellow fruits
Pink Spires C.	'Pink Spires'	M	Upright	Moderately susceptible to scab and slightly susceptible to fire blight and leaf spot; pink flowers; purplish-red fruits; copper fall color
Professor Sprenger C.	'Professor Sprenger'	M	Upright-spreading	Disease and scab resistant; white flowers; persistent orange fruits
Profusion C.	'Profusion'	M	Rounded-spreading	Slightly susceptible to fire blight; bronze-green foliage; rose-red flowers; deep red fruits
Radiant C.	'Radiant'	F	Upright	Susceptible to scab; pink flowers; compact, symmetrical tree
Red Barron C.	"Red Baron"	M	Upright	Magenta-red flowers; glossy, dark red fruits; reddish fall foliage
Red Jade C.	"Red Jade"	S	Weeping	Moderately susceptible to scab and powdery mildew; white flowers; glossy red fruits
Red Jewel C.	'Red Jewel'	M	Upright-spreading	Moderately susceptible to scab; white flowers; persistent bright red fruits

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)				
Crabapples, Ornamental; Flowering Crabapples (C.) (continued)				
Red Splendor C.	'Red Splendor'	M	Vase	Slightly susceptible to scab and moderately to fire blight; pink flowers; bright red fruits remain into winter
Royalty C.	'Royalty'	S	Vase-upright	Severely susceptible to scab and slightly to fire blight; purple-red flowers; dark red fruits
Sargent C.	Malus sargentii	S	Spreading	Slightly susceptible to scab, fire blight, and leaf spot; white flowers; dark red fruits; dwarf tree
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 scab and fire blight; white flowers; orange-red fruits
Spring Snow C.	'Spring Snow'	S	Vase	Severely susceptible to scab and slightly to fire blight; white flowers; fruitless
Van Eseltine C.	'Van Eseltine'	M	Vase	Severely susceptible to scab and fire blight; pink flowers; yellow fruits
White Cascade C.	'White Cascade'	S	Weeping	Disease resistant; white flowers; yellowish fruits
Zumi Calocarpa C.	Malus sieboldii var. zumi 'Calocarpa'	S	Pyramidal	Slightly susceptible to scab, mildew and severely to fire blight; white to pink flowers; bright red fruits
*Dogwood, Pagoda	Cornus alternifolia	M	Spreading	Cool, moist soil; shade; blue-black fruits on red stalks; early, maroon fall color
*Hawthorn, Cockspur (C.H.)	Crataegus crus-galli	S	Spreading	Urban; sun; persistent, brick red fruits; thorns; orange to red fall color
• Thornless C.H.	var. inermis	M	Spreading	Few thorns; dark green foliage; bright red fruits
*Hawthorn, Dotted	Crataegus punctata	S	Spreading	Moist, heavy soil; sun; picturesque; susceptible to rust
*Hawthorn, Downy	Crataegus mollis	S	Spreading	Sun; large, red, early-ripening fruit; susceptible to rust; yellow fall color
Hawthorn, Washington	Crataegus phaenopyrum	M	Upright	Urban; sun; thorns; latest blooming; small, persistent, orange-red fruits in clusters; orange fall color
Hawthorn, Winter King	Crataegus x viridis 'Winter King'	M	Upright	Sun; few thorns; glossy leaves; persistent red fruits; silver bark
• *Hophornbeam; Ironwood	Ostrya virginiana	S	Pyramidal	Dry soil; shade; catkins; elm-like leaves; yellowish fall color
*Hornbeam, American; Blue Beech; Ironwood; Musclewood	Carpinus caroliniana	S	Spreading	Moist soil; shade; smooth, gray, muscle-like trunk; orange fall color
• Lilac, Japanese Tree (J.T.L.)	Syringa reticulata	S	Horizontal	Sun; large, pyramidal, cream-white fragrant flower cluster in June; tan fruits; salt-tolerant
Ivory Silk J.T.L.	'Ivory Silk'	S	Oval	Straight, single trunk
Summer Snow J.T.L.	'Summer Snow'	M	Globe	Glossy dark green leaves; large creamy-white flowers; cherry-like bark
Magnolia, Loebner (L.M.)	Magnolia x loebneri	S	Pyramidal	Rich soil; sun; difficult to transplant
Leonard Messel L.M.	'Leonard Messel'	S	Pyramidal	Pink flowers
Merrill L.M.	'Merrill'	S	Pyramidal	White flowers
Magnolia, Saucer	Magnolia x soulangiana	S	Rounded	Rich soil; sun; large pink flowers; difficult to transplant; subject to alkaline soil-induced chlorosis
Magnolia, Star	Magnolia stellata	S	Rounded	Well-drained soil; sun; well-drained soil; early white flowers

A. DECIDUOUS TREES (continued)

Common Name	Botanical Name	Growt h Rate ^a	Form	Remarks
LOW TREES -- 15-30 feet in height; plant at least 15-30 feet apart, depending on spread (continued)				
Maple, Amur (A.M.)	Acer ginnala	M	Rounded	Partial shade; red fruits; orange-red fall color; usually multiple trunk
Bailey Compact A.M.	'Bailey Compact'	M	Rounded	More compact; 10' height
• Maple, Globe Norway	Acer platanoides 'Globosum'	S	Globe	Urban; dense canopy; useful on a standard under utility wires; 20' height; yellow fall color
*Mountainash, American	Sorbus americana	S	Oval	Cool soil; white flowers; orange-red fruits
Mountainash, European	Sorbus aucuparia and cvs.	M	Oval	Cool soil; orange fruits; pest or disease problem
Mountainash, Korean	Sorbus alnifolia	S	Oval	Cool soil; simple leaves; small flowers and fruits; subject to fire blight; orange to red fall color
*Mountainash, Showy	Sorbus decora	S	Upright	Cool soil; large, reddish fruits; pest or disease problem
*Plum, American	Prunus americana	F	Horizontal	Dry soil; sun; suckering habit; white flowers; yellow to orange fall color
Plum, Newport	Prunus x 'Newport'	M	Rounded	Sun; reddish-purple summer foliage
Redbud, Eastern	Cercis canadensis	M	Spreading	Sun or shade; purplish-pink flowers; yellow fall color; "Columbus strain" is the most winter-hardy
*Serviceberry, Allegany (A.S.)	Amelanchier laevis	S	Upright	Moist soil; white flowers; edible fruits; orange to red fall color
Cumulus A.S.	'Cumulus'	S	Upright	Single trunk
*Serviceberry, Apple (A.S.)	Amelanchier x grandiflora	S	Upright	Moist soil; white flowers; edible fruits orange to red fall color
Autumn Brilliance A.S.		S	Spreading	Bright red-orange fall color
Princess Diana A.S.	'Princess Diana'	S	Spreading	Bright red-orange fall color
Strata A.S.	'Strata'	S	Spreading	Horizontal branching
*Serviceberry, Downy; Juneberry	Amelanchier arborea	S	Upright	Dry soil; suckering; gray bark; edible fruits; white flowers; yellow fall color
Willow, Contorted; Corkscrew Willow	Salix matsudana 'Tortuosa'	F	Upright	Wet soil; tolerates poor drainage; sun; twisted branches; pest or disease problem
Willow, Laurel	Salix pentandra	M	Rounded	Wet soil; sun; glossy, dark green foliage; dense habit; good screening plant

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

^bThe use of ash trees should be carefully considered due to the recent discovery of the Emerald Ash Borer in Wisconsin. A variety of trees should be planted for diversity and to help avoid the wide-spread loss of trees through disease and pest infestations.

• Street tree (also see Appendix F). Only male Ginkgo trees should be selected for this purpose. The overuse of one type of tree should be avoided.

*Wisconsin native.

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	<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 strobus</i>	M	Pyramidal	Moist soil; sun; picturesque; soft, green foliage subject to blister rust
Spruce, Colorado Blue	<i>Picea pungens</i> var. <i>glauca</i>	S	Pyramidal	Sun; urban; blue needles; stiff, formal habit
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, Jack	<i>Pinus banksiana</i>	M	Pyramidal	Dry soil; sun; yellow-green winter color; salt-tolerant
*Pine, Red	<i>Pinus resinosa</i>	F	Pyramidal	Dry soil; sun; reddish bark; yellow-green winter color
Pine, Scots; Scotch Pine	<i>Pinus sylvestris</i>	F	Irregular-pyramidal	Dry soil; sun; orange bark; bluish needles
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	'Hetz Wintergreen'	F	Columnar-pyramidal	Narrow columnar form with single leader; dark green foliage
A.A. Pyramidal A.A.	'Pyramidalis'	S	Columnar-pyramidal	Bright green, soft textured foliage
Sunkist A.A.	'Sunkist'	S	Columnar-pyramidal	Yellow foliage
A.A. Techny Dark-Green	'Techny'; 'Mission'	S	Columnar-pyramidal	Deep green foliage, year-round
Juniper, Chinese (C.J.)	<i>Juniperus chinensis</i>	S	Columnar-pyramidal	Dry soil; sun; blue-green foliage; rust resistant
Iowa C.J.	'Iowa'	S	Columnar-pyramidal	Dense columnar form; fruits
Mountbatten C.J.	'Mountbatten'	S	Columnar-pyramidal	Narrow, columnar form; large fruits

B. EVERGREEN TREES (continued)

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
LOW TREES -- 15-40 feet in height; plant at least 10-25 feet apart, depending on spread (continued)				
*Redcedar, Eastern (E.R.)	Juniperus virginiana	S	Columnar-pyramidal	Dry soil; sun; brownish winter color; susceptible to cedar-apple rust; salt tolerant
Burk E.R.	'Burkii'		Columnar-pyramidal	Fine-textured, gray-green foliage
Canaert E.R.	'Canaertii'	S	Columnar-pyramidal	Dark green, tufted foliage
Silver E.R.	'Glauca'	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	Picea glauca var. densata	S	Pyramidal	Dry soil; sun; narrow, dense habit; salt-tolerant
Yew, Upright Japanese	Taxus cuspidata	S	Pyramidal	Shade; urban; deep green needles; often sold as Taxus cuspidata 'capitata'

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

*Wisconsin native.

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	Kolkwitzia amabilis	F	Upright	Alkaline soil; sun; pink flowers in June; shredded bark; leggy
*Bladdernut, American	Staphylea trifolia	M	Upright	Moist soil; shade; whitish flowers; green to brown, bladder-like fruits; white-striped bark
Buckeye, Bottlebrush	Aesculus parviflora	M	Mounded	Moist soil; semi-shade; white flowers in July
Buffaloberry	Shepherdia argentea	M	Irregular	Dry soil; sun; yellowish flowers; dioecious; edible red fruits; silvery foliage; thorns
Cherry, Manchu; Nanking Cherry	Prunus tomentosa	S	Rounded	Dry soil; sun; white flowers; edible, red fruits
Cotoneaster, Manyflowered	Cotoneaster multiflorus	M	Mounded	Well-drained soil; sun; white flowers; red fruits; very wide-spreading; subject to fire blight
Dogwood, Corneliancherry (C.D.)	Cornus mas	M	Oval	Shade; urban; yellow flowers in April; flower buds may be injured or killed during some winters; edible red fruits
	'Golden Glory'	M	Upright	Darker green foliage
*Dogwood, Gray	Cornus racemosa	S	Erect	Dry or wet soil; shade; white flowers; white fruits; purple fall color
*Dogwood, Pagoda	Cornus alternifolia	M	Spreading	Moist soil; shade; white flowers; blue fruits; horizontal branches; early, maroon fall color
*Dogwood, Redosier (R.D.)	Cornus sericea	F	Spreading	Wet, moist soil; tolerates poor drainage; white flowers; white fruits; red twigs; often sold as C. stolonifera
	f. baileyi	F	Erect	Wet, moist soil; tolerates shade; bright red twigs
	'Flaviramea'	F	Spreading	Yellow bark in winter
Euonymus, European (E.E.);	Euonymus europaea	M	Tree-like	Dry soil; urban; striped bark; persistent, pink fruits; orange to purple fall color
	'Red Cap'	M	Tree-like	Bright pink fruits
Euonymus, Winged; Burning Bush	Euonymus alata	S	Spreading	Well-drained soil; sun or shade; well-drained soil; corky, winged twigs; pink to rose fall color
Forsythia, Meadowlark	Forsythia x 'Meadowlark'	F	Upright	Sun; deep yellow flowers in April
Fringetree	Chionanthus virginicus	S	Spreading	Moist soil; shade; spidery white flowers; dioecious; blue fruits; coarse
Hydrangea, Peegee	Hydrangea paniculata 'Grandiflora'	F	Upright	Moist soil; white to pink flowers in August; persistent, tan flower clusters
Lilac, Chinese	Syringa x chinensis	M	Vase	Dry, alkaline soil; purple-lilac flowers; fine-textured; good screening plant
Lilac, Common	Syringa vulgaris cvs.	M	Upright	Well-drained soil; sun; white, pink, lilac, purple, fragrant flowers; subject to mildew
Lilac, Hyacinth	Syringa x hyacinthiflora cvs.	M	Upright	Sun; white, pink, lilac, purple flowers; early blooming
Lilac, Japanese Tree	Syringa reticulata	M	Tree-like	Sun; white flowers in June; tan fruits; cherry-like bark; often sold as S. amurensis japonica
Lilac, Preston	Syringa x prestoniae cvs.	M	Rounded	Sun; pink to purple flowers; late-blooming; coarse-textured; possible disease problem
Magnolia, Star	Magnolia stellata	S	Rounded	Rich soil; white flowers; orange fruits; finest-textured magnolia
Maple, Dwarf Amur	Acer ginnala nana	M	Upright	Scarlet fall color
*Ninebark, Common	Physocarpus opulifolius	M	Vase	Dry soil; semi-shade; white flowers; red, capsular fruits; shredded bark; coarse
Peashrub, Siberian	Caragana arborescens	F	Erect-oval	Dry, alkaline soil; yellow flowers; greenish twigs; salt-tolerant
Pearlbush	Exochorda racemosa	M	Leggy	Sun; pearl-like flower buds

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)				
Plum, Double Flowering; Flowering Almond; Rose-Tree-of-China	<i>Prunus triloba</i>	S	Rounded	Sun; double, pink flowers, no fruit
Privet, Amur	<i>Ligustrum amurense</i>	F	Erect	Dry soil; white flowers; black fruits; hedge plant; salt-tolerant
Privet, Cheyenne	<i>Ligustrum vulgare</i> 'Cheyenne'	F	Erect	Dry soil; urban; white flowers; black fruits; hedge plant
*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, Shadblow	<i>Amelanchier canadensis</i>	S	Upright	Moist soil; white flowers; black fruits
Smoketree (S.); Smokebush	<i>Cotinus coggygia</i>	M	Rounded	Sun; dry soil; pinkish "smoke-like" inflorescence; subject to verticillium wilt
	'Nordine Red'	M	Rounded	Purplish summer foliage
	'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
	'Dissecta'	F	Picturesque	Dry soil; sun; red fruits; dissected leaves; orange to red in fall
Tamarisk (T.)	<i>Tamarix ramosissima</i>	F	Irregular-upright	Dry soil; sun; salt-tolerant; tiny, pink flowers; very fine-textured; often sold as <i>T. pentandra</i>
	'Cheyenne Red'	F	Irregular-upright	Deep reddish pink flowers
*Viburnum, American Cranberrybush	<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 burkwoodii</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 or dry soil; sun or shade; white flowers; black fruits; leggy; subject to mildew; maroon fall color
Viburnum, Sargent	<i>Viburnum sargentii</i>	M	Upright	Lacy white flowers; persistent, red fruits; rough bark
Viburnum, Wayfaringtree (W.V.)	<i>Viburnum lantana</i>	M	Upright	Dry soil; shade; white flowers; red to black fruits; late maroon fall color
	'Mohican'	M	Upright	More compact with showier fruits
*Wahoo, Eastern	<i>Euonymus atropurpurea</i>	M	Tree-like	Moist soil; tiny purple flowers; orange to purple fall color
Willow, Goat; French	<i>Salix caprea</i>	F	Oval	Wet or dry soil; sun; large, silver catkins in early spring
*Witchhazel, Common	<i>Hamamelis virginiana</i>	M	Spreading	Shade; yellow flowers in October; yellow fall color

C. DECIDUOUS SHRUBS (continued)

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
MEDIUM SHRUBS -- 5-8 feet in height; plant at least 3-4 feet apart				
Bayberry	<i>Myrica pennsylvanica</i>	M	Upright	Dry 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
Cotoneaster, Spreading	<i>Cotoneaster divaricatus</i>	M	Mounded	Dry, alkaline soil; dies back in severe winters red fruits; fine-textured; late maroon fall color
Crabapple, Jewelberry	<i>Malus</i> 'Jewelberry'	M	Spreading	Disease resistant; white flowers; persistent, 1/2" dia., red fruits; 8' mature height
Crabapple, Sargent (S.C.)	<i>Malus sargentii</i>	S	Spreading	Slightly susceptible to scab, fire blight and leafspot; white flowers; red fruits; 8' mature height
	'Tina'	S	Spreading	Disease resistant; 5' mature height
Dogwood, Creamedge;	<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>
Euonymus, Nordine Winged;	<i>Euonymus alata</i> 'Nordine Strain'	S	Spreading	Sun or shade; pink and orange fruits; often sold as 'Koreana'; red fall color
Dwarf Winged Evonymus; Dwarf Burning Bush	'Compacta'	S	Rounded	Sun or shade; small-winged branches; dense form; red fall color
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, Lemoine	<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
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

C. DECIDUOUS SHRUBS (continued)

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
MEDIUM SHRUBS -- 5-8 feet in height; plant at least 3-4 feet apart (continued)				
Rose, Rugosa	Rosa rugosa cvs.	F	Rounded	Dry soil; sun; white, yellow, pink or red flowers; large, edible red fruits; salt-tolerant; includes 'Grootendorst'
Spirea, Bridalwreath	Spiraea prunifolia	F	Vase	Sun; white flowers; arching branches
Spirea, Ural False	Sorbaria sorbifolia	F	Erect	Sun; fuzzy white flowers; suckering
Spirea, Vanhoutte	Spiraea x vanhouttei	F	Vase	Sun; white flowers; arching branches; salt-tolerant
Viburnum, Koreanspice	Viburnum carlesii	S	Rounded	Shade; urban; pink to white, fragrant flowers; blue-black fruits; red fall color
*Viburnum, Witherod	Viburnum cassinoides	M	Rounded	Wet, acid soil; tolerates poor drainage; white flowers; pink to red to blue fruits; red fall color
Weigela, Old-Fashioned; Cardinal Bush	Weigela florida	M	Spreading	Well-drained soil; pink, funnel-shaped flowers
Weigela, Red Prince	Weigela x 'Red Prince'	M	Spreading	Well-drained soil; red flowers
Willow, Dwarf Arctic	Salix purpurea 'Gracilis'	F	Rounded	Wet soil; sun; fine-textured silvery leaves; hedge plant
*Winterberry	Ilex verticillata	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	Rhododendron x 'Northern Lights'	S	Spreading	Moist acidic soil; sun; broadleaf evergreen; pink, yellow, or white flowers
Barberry, Japanese (J.B.)	Berberis thunbergii	M	Rounded	Dry soil; shade; red fruits; thorns; good hedge plant; orange fall color
	var. atropurpurea	M	Rounded	Sun; red summer foliage
	'Crimson Pygmy'	S	Low mound	Sun; red summer foliage; 2' height
	'Rosy Glow'	M	Rounded	Sun; rose-red-whitish leaves
Barberry, Korean	Berberis koreana	M	Upright	Sun; showy; thorns; suckering; coarse; red fruits and autumn foliage
Box or Boxwood, Green Velvet	Buxus x 'Green Velvet'	S	Rounded	Shade; broadleaf evergreen; good hedge plant; protection from severe low temperatures and winter winds
Box or Boxwood, Wintergreen	Buxus sinica var. insularis 'Wintergreen'	S	Rounded	Shade; broadleaf evergreen; good hedge plant; protection from severe low temperatures and winter winds
*Chokeberry, Glossy Black	Aronia melanocarpa var. elata	S	Suckering	Wet soil; shade; white flowers; black fruits; red fall color
*Cinquefoil, Bush; Potentilla (P.)	Potentilla fruticosa	S	Rounded	Dry soil; sun; blooms all summer
	'Abbotswood'	S	Rounded	White flowers; blue-green foliage
	'Gold Drop'; 'Farrei'	S	Rounded	Yellow flowers; small green leaves
	'Goldfinger'	S	Rounded	Yellow flowers; yellow-green foliage
	'Jackmanii'	S	Rounded	Larger bright yellow flowers; medium-green foliage; salt-tolerant
	'McKay's White'	S	Rounded	Cream flowers; yellow-green foliage
	'Primerose Beauty'	S	Rounded	Pale yellow flowers; silvery foliage
Cotoneaster, Cranberry	Cotoneaster apiculatus	S	Mounded	Dry soil; red fruits; red fall color
Cotoneaster, Rock	Cotoneaster horizontalis	M	Spreading	Sun; dark glossy green foliage; fishbone-pattern branches; brogjt red fruits; reddish-purple fall color
Coralberry, Indiancurrant;	Symphoricarpos orbiculatus	F	Suckering	Dry soil; shade; pink fruits; good bank cover

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)				
Currant, Alpine	Ribes alpinum	M	Rounded	Shade; urban; good hedge plant; salt-tolerant
Daphne, Burkwood (B.D.)	Daphne x burkwoodii	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	Deutzia x lemoinei 'Compacta'	S	Rounded	Well-drained soil; white flowers
Floweringalmond, Pink Dwarf	Prunus glandulosa 'Sinensis'	S	Rounded	Well-drained soil; sun; double, pink flowers; no fruits; narrow leaves
Floweringquince, Texas Scarlet	Chaenomeles x superba 'Texas Scarlet'	M	Spreading	Dry soil; urban; red flowers; yellow, edible fruits; thornless; flower buds may be injured or killed during some winters
Forsythia, Bronx	Forsythia viridissima 'Bronxensis'	S	Low mound	Sun; small yellow flowers; fine-textured; purple fall color
Honeysuckle, Clavey's Dwarf	Lonicera x xylosteoides 'Clavey's Dwarf'	M	Rounded	Dense growth;. good hedge or screening plant
Emerald Mound Honeysuckle	'Emerald Mound'; 'Nana'	M	Mounded	Rich, bluish-green foliage; dense, compact form
Miniglobe Honeysuckle	'Miniglobe'	S	Globe	Dense 2' height globe
*Honeysuckle, Dwarf Bush	Diervilla lonicera	S	Mounded	Dry soil; shade; yellow flowers; good bank cover
Hydrangea, Smooth	Hydrangea arborescens	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
Mockorange, Golden	Philadelphus coronarius 'Aureus'	S	Rounded	Sun; white flowers; yellow summer foliage
Ninebark, Dwarf Common	Physocarpus opulifolius 'Nanus'	S	Rounded	Dry soil; shade; creamy-white flowers; red capsular fruits; shredded bark
Oregongrape, Mayhan	Mahonia aquifolium 'Mayhan'	S	Suckering	Shade; urban; yellow flowers; blue fruits; holly-like evergreen foliage; needs shelter from winter sun and wind
Privet, Lodense	Ligustrum vulgare 'Lodense'	S	Rounded	Dry soil; dense compact form; susceptible to blight
Rhododendron, PJM Hybrid	Rhododendron x 'PJM Hybrids'	S	Rounded	Moist acidic soil; sun; broadleaf evergreen; lavender-pink flowers; purple-plum fall color
Rose, Virginia	Rosa virginiana	M	Suckering	Sun; pink flowers; persistent red fruits; red stems; good bank cover
*St. Johnswort, Kalm's	Hypericum kalmianum	S	Rounded	Dry soil; sun; yellow flowers; shiny brown twigs
*Serviceberry, Running	Amelanchier stolonifera	M	Suckering	Dry soil; shade; white flowers; edible fruits; orange fall color
*Snowberry	Symphoricarpos albus	F	Vase	Best in dry soil; shade; tiny pink flowers; showy white fruits; salt-tolerant; may be sold as S. rivularis
Spirea, Billiard	Spiraea x billiardii	M	Upright	Sun; pink flowers in July and August
Spirea, Bumalda (S.)	Spiraea x bumalda	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	Spiraea x cinerea 'Grefsheim'	S	Mounded	Sun; white flowers in early May; fine-textured; may be sold as 'Graciosa'

C. DECIDUOUS SHRUBS (continued)

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
LOW SHRUBS -- 2-5 feet in height; plant at least 2.5-3 feet apart (continued)				
Spirea, Japanese (J.S.)	<i>Spiraea japonica</i>	S	Mounded	Sun; pale pink flowers in summer
Daphne J.S.	var. <i>alpina</i>	S	Mounded	Only 10 inches high with tiny flowers
Goldmound J.S.	'Goldmound'	S	Mounded	Gold summer foliage
Little Princess J.S.	'Little Princess'	S	Mounded	Pale pink flowers
Spirea, Japanese White	<i>Spiraea albiflora</i>	M	Mounded	Sun; white flowers in summer
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 aromatica</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 1/2' height; glossy leaves
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</i> var. <i>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

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

* Wisconsin native

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, Ware; Siberian Arborvitae (Also see Low Evergreen Trees)	Thuja occidentalis '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. Fairview C.J. Hetz C.J. Kettleer C.J. Robusta Green C.J. Spartan C.J. (Also see Low Evergreen Trees)	Juniperus chinensis 'Ames' 'Fairview' 'Hetzi' 'Kettleeri' 'Robusta Green' 'Spartan'	M M F F M F	Broad-pyramidal Narrow-pyramidal Ascending-spreading Broad-pyramidal Broad-pyramidal Pyramidal	Sun; well-drained soil Bluish green foliage Bluish-green foliage; silver berries Silvery blue foliage Green foliage Tufted brilliant green foliage Rich green foliage
Juniper, Rocky Mountain; Colorado Redcedar (J.) Blue Heaven Juniper Blue Wichita J. Medora J. Moffett J. Sutherland J. Welch J.	Juniperus scopulorum 'Blue Heaven' 'Wichita Blue' 'Medora' 'Moffett' 'Sutherland' 'Welch'	S S S S S S	Narrow-pyramidal Narrow-pyramidal Narrow-pyramidal Pyramidal Pyramidal Pyramidal Narrow-pyramidal	Well-drained soil; sun; bluish-green foliage Blue foliage; heavy cone bearer Silvery blue foliage Blue foliage Silvery green foliage Green foliage Bluish-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				
Arborvitae (A.)	<i>Thuja occidentalis</i>			Moist soil; half-shade; green foliage
Globe A.	'Globosa'	S	Globular	Green foliage turns grayish green in winter
Hetz Midget A.	'Hetz Midget'	S	Globular	Bright green foliage
Holmstrup A.	'Holmstrup'	S	Globular	Dark green foliage; compact
Rheingold A.	'Rheingold'	S	Mound	Golden foliage
Woodward Globe A.	'Woodwardii'	M	Globular	Bright green foliage
Juniper, Blue Star Singleseed	<i>Juniperus squamata</i>	S	Mounded	Sun; blue foliage
	'Bluestar'			
Fishtail Juniper	'Meyeri'	S	Irregular-bushy	Bluish-white foliage
Juniper Chinese (C.J.)	<i>Juniper chinensis</i>			Sun; well-drained soil
Blaauw C.J.	'Blaauw'	M	Upright-vase	Grayish-blue foliage
Blue Pfitzer Juniper	'Pfitzeriana Glauca'	F	Spreading	Bluish-gray foliage; no fruit
Gold Tip Pfitzer Juniper	'Pfitzeriana Aurea'	M	Spreading	Green foliage with gold tips
Maney C.J.	'Maney'	M	Upright-vase	Bluish-green foliage
Mint Julep C.J.	'Mint Julep'	S	Upright-bushy	Yellow-green foliage; also sold as 'Sea Green'
Old Gold C.J.	'Old Gold'	M	Spreading	Green foliage with gold tips; bronze-gold foliage in winter; no fruits
Pfitzer Juniper	'Pfitzeriana'	F	Wide-spreading	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
Pine, Mugo	<i>Pinus mugo</i> var. <i>mugo</i>	M	Mounded	Dry soil; sun; green foliage
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.)	'Densiformis'	M	Spreading	Bright green foliage; protected shady areas
Hicks Y.	'Hicksii'	S	Upright	Columnar with flat top; dark green foliage
Tauton Y.	'Tautonii'	S	Spreading	Most winter-burn resistant cultivar
Ward Y.	'Wardii'	S	Spreading	Dense dark green foliage
Yew, Dwarf Japanese	<i>Taxus cuspidata</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

D. EVERGREEN SHRUBS (continued)

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
LOW SHRUBS -- 6-24 inches in height; plant at least 4-6 feet apart, depending on spread				
Juniper, Chinese Japanese Garden Juniper Dwarf Japanese Garden Juniper Kallay's Compact Pfitzer Juniper Sargent Juniper	Juniperus chinensis var. procumbens 'Nana' 'Pfitzeriana Kallay's Compact' var. sargentii	S S M M	Creeping Creeping Spreading Creeping	Well-drained soil; sun Bluish-green foliage year-round Dwarf and dense Pale green foliage Green or bluish-green foliage in 'Glauca' cultivar
Juniper, Petite Common Creeping Common Juniper	Juniperus communis 'Petite' 'Repanda'	M M	Creeping Creeping	Dense; compact; fruits Sun; green foliage in winter
*Juniper, Creeping (J.) Bar Harbor Juniper Blue Chip J. Blue Rug J. Hughes J. Webber J. Wisconsin J. Youngstown J.; Andorra J.	Juniperus horizontalis 'Bar Harbor' 'Blue Chip' 'Wiltonii' 'Hughes' 'Webberi' 'Wisconsin' 'Youngstown'	M M M M M M M	Creeping Creeping Creeping Flat-trailing Spreading Creeping Creeping Radial- creeping	Dry soil; variable color-brown in winter; subject to blight disease Bluish-green foliage turning purple in winter Blue foliage year-round Silvery blue foliage and fruits Silvery blue foliage; radial branching habit Bluish-green foliage; mat-like Bluish-green foliage turning steel blue in winter Grayish-green foliage turning purple in winter
Juniper, Savin (J.) Broadmoor Juniper Buffalo J. Calgary Carpet J.	Juniperus sabina 'Broadmoor' 'Buffalo' 'Calgary Carpet'	S S S S	Low- spreading Mounded Low- spreading Low- spreading	Well-drained soil; sun Soft grayish-green foliage; fine-textured Bright green foliage; fine-textured Soft green foliage

^aThe following letters represent S - Slow; M - Moderate; and F - Fast.

*Wisconsin native.

E. ORNAMENTAL GRASSES

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
TALL GRASSES -- 6-8 feet in height				
Bluestem, Big	Andropogon, gerardii 'Sentinel'	F	Upright clumps	Moist and dry soils; green or blue-green leaves; orange to copper-red fall color
Dot Grass, Little	Miscanthus sinensis 'Puenktchen'	F	Upright	Green foliage with horizontal yellow bands; spiky texture
Feather Grass, Silver (S.F.G.)	Miscanthus sinensis 'Silverfeder'		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.)	Sorghastrum nutans	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	Miscanthus sinensis			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 Fontane'	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.)	Molinia caerulea ssp. arundinacea	M	Upright-mounded	Moist soil; stately inflorescence; green to gray-green foliage; golden-yellow fall color
Mountain Friend T.P.M.G.	'Bergfreund'	M	Upright-mounded	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	Miscanthus sinensis 'Strictus'	F	Upright-rounded	Sun; green foliage with yellow bands; spikey effect
Ravenna Grass	Saccharum ravennae ; Erianthus ravennae	F	Upright clumps	Sun; drought tolerant; hardy pampas grass; gray-green foliage; orange to red-tinted fall color; 12' height
Reed Grass, Feather	Calamagrostis x acutiflora 'Karl Foerster'; 'Stricta'	F	Upright clumps	Well-drained, moist soil; sun to light shade; open and feathery; deep green foliage; strong vertical effects
Silver Grass, Purple; Flame Grass	Miscanthus sinensis 'Purpurascens'	M	Rounded	Sun to light shade; green foliage; deep salmon, orange and red fall colors

E. ORNAMENTAL GRASSES (continued)

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
TALL GRASSES -- 6-8 feet in height (continued)				
Switch Grass (S.G.); Panic Grass	<i>Panicum virgatum</i>	F	Upright clumps	Sun; drought tolerant; inflorescence with narrow wide spreading branches
Blue S.G.	'Heavy Metal'	F	Upright clumps	Glaucous blue foliage; pink tone inflorescence
Blue Sky S.G.	'Prairie Sky'	F	Upright clumps	Deep blue foliage
Dallas Blues S.G.	'Dallas Blues'	F	Upright clumps	Blue foliage
Tall S.G.	'Cloud Nine'	F	Upright clumps	Blue-green foliage; dark gold fall color
Zebra Grass (Z.G.)	<i>Miscanthus sinensis</i>	M	Upright	Lax green foliage with horizontal yellow bands; copper tinted flowers
Little Nicky Z.G.	'Hinjo'	M	Compacted	Horizontal yellow-banded foliage
MEDIUM GRASSES -- 3-5 feet in height				
*Bluestem, Little (L.B.)	<i>Schizachyrium scorparium</i> ; <i>Andropogon scorparium</i>	M	Upright clumps	Moist to dry soils; sun; good drainage; fine-textured purplish to blue-green leaves; orange to orange-red 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	<i>Spodiopogon sibiricus</i>	M	Upright clumps	Moist soil; sun to light shade; not drought resistant; green leaves with gray hair inflorescence; deep red to burgundy fall color
Maiden Grass, Little Fountain	<i>Miscanthus sinensis</i>	M	Upright	Moist soil; sun to light shade; green foliage; midsummer flowers
	'Kleine Fontane'			
Oats, Northern Sea; Wild Oats; Wood Oats	<i>Chasmanthium latifolium</i>	M	Clumps	Moist soil; light shade; green foliage; dangling oatlike spikelets; gold to red-bronze fall color
Reed Grass, Korean Feather; Fall Blooming Reed Grass	<i>Calamagrostis 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
	'Overdam'			
Rye Grass, Wild	<i>Leymus arenarius</i>	F	Upright	Sun to light shade; drought tolerant; bluish foliage; narrow spike inflorescence
Switch Grass, Red (R.S.G.)	<i>Panicum virgatum</i>	M	Upright clumps	Sun, drought tolerant; inflorescence with widespreading branches
Hanse Herms R.S.G.	'Hanse Herms'	M	Upright clumps	Lax-stemmed and arching green foliage; burgundy red fall color
Red-Rays Switch Grass	'Rotstrahlbusch'	M	Upright clumps	Green foliage; red-burgundy fall color
Shenandaoh R.S.G.	'Shenandaoh'	M	Upright clumps	Green foliage; burgundy fall color

E. ORNAMENTAL GRASSES (continued)

Common Name	Botanical Name	Growth Rate ^a	Form	Remarks
LOW GRASSES -- 8-24 inches in height				
Blood Grass, Japanese	<i>Imperata cylindrica</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	<i>Sporobolus heterolepis</i> 'Wisconsin'	S	Clumps	Drought tolerant; fine-textured; glossy green leaves; sweet fragrance; deep orange fall color
Fescue, Blue (B.F.) Elijah B.F. Solling B.F.	<i>Festuca ovina</i> <i>glauca</i> 'Elijah's Blue' 'Solling'	S S S	Dense tufts Dense tufts Dense tufts	Sun; good drainage; fine-textured; 10" height Silver-blue foliage; 10" height Silver-gray foliage; 8" height
Fountain Grass (F.G.) Dwarf F.G. Little Bunny F.G.	<i>Pennisetum</i> <i>alopedcuroides</i> 'Hameln' 'Little Bunny'	 M M	 Cascading mounds Cascading mounds	 Sun; green leaves; groundcover massing; cream-white flowers Miniature grass
Hair Grass, Tufted; (T.H.G.) Tussock Grass Goldenhaenge T.H.G. Northern Lights T.H.G. Schottland T.H.G.	<i>Deschampsia cespitosa</i> 'Goldenhaenge' 'Northern Lights' 'Schottland'	 M M M	 Tufted clumps Tufted clumps Tufted clumps	 Rich golden-yellow flowers Moist soil; sun to light shade; hairlike and striped cream-white and green foliage Dark green foliage; light green inflorescence
Hakone Grass, Golden Variegated	<i>Hakonechloa macra</i> 'Aureola'	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
Mondo Grass, Black	<i>Ophiopogon planiscapus</i> 'Niger'	M	Upright	Moist soil; sun; deep purplish-black foliage
Moor Grass, Purple (P.M.G.) Variegated P.M.G. Faithful Ray P.M.G.	<i>Molinia caerulea</i> 'Variegata' 'Dauerstrahl'	M M M	Mounded clumps Mounded clumps Mounded clumps	Moist soil; light shade; green foliage; slender stalks with narrow panicles; golden-yellow fall color Striped light yellow to cream, white foliage; bright yellow stalks Green-leaved and arching
Oat Grass, Blue (B.O.G.) Sapphire Fountain B.O.G.	<i>Helictotrichon sempervirens</i> 'Sapphire'	M M	Dense tufts Dense tufts	Moist, well-drained soil; sun; silver blue foliage semi-evergreen; arching stems 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>	M	Clumps	Sun to light shade; ornamental flower spikelets; 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	<i>Carex morrowii</i> 'Variegata'	M	Tufted clumps	Moist soil; striped white and green foliage
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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*Wisconsin native.

F. GROWDCOVER

Common Name	Botanical Name	Growth Rate ^a	Remarks
GROUND COVER			
Bugleweed	Ajuga reptans and cvs.	F	Moist soil; shade; white, red, purple, or blue flowers; evergreen foliage; 4-6" height
Cinquefoil, Cushion	Potentilla verna nana	M	Sun; well-drained soil; small yellow-green foliage; yellow flowers; 3" height
Cotoneaster, Cranberry	Cotoneaster apiculatus	S	Dry soil; sun; red fruits; herring-bone pattern branches; red fall color; 2' height
Daylily	Hemerocallis cvs.	M	Partial shade; showy flowers; herbaceous; 1-3' height
Deadnettle, Spotted	Lamium maculatum cvs.	F	Shade; variegated leaves; pink or white flowers; aggressive; 6-8" height
Euonymus, Purpleleaf Wintercreeper (Also see Vines—Bigleaf Wintercreeper)	Euonymus fortune 'Colorata'	F	Shade; evergreen leaves turn purple in winter; needs shelter from winter sun and wind; 6-18" height
Fleeceflower, Low Japanese	Polygonum cuspidatum var. compactum	F	Dry soil; herbaceous; pink flowers; red fruits; red fall color; aggressive; often sold as P. Reynoutria; 1-2' height
Goutweed, Silveredge; Snow-on-the-Mountain; Bishop's Weed	Aegopodium podagraria 'Variegatum'	F	Sun or shade; herbaceous; variegated foliage; aggressive; 1' height
Hat, Bishop's	Epimedium spp.	F	Rich soil; shade; herbaceous; yellow or red flowers; 1' height
*Honeysuckle, Dwarf Bush	Diervilla lonicera	M	Dry soil; shade; yellow flowers; 3' height
Ivy, Bulgarian	Hedera helix 'Bulgaria'	F	Shade; broadleaf evergreen; needs shelter from winter sun and wind; 6-8" height
Juniper (Also see Low Evergreen Shrubs)	Juniperus spp.	F	Dry soil; sun; needled evergreen; 6-24" height
Lily, Plantain; Funkia	Hosta cvs.	M	Shade; green, blue, gold, and variegated leaves; white or lavender flowers; 6-24" height
Lily-of-the-Valley	Convallaria majalis	F	Shade; moist soil; herbaceous; small, fragrant, white flowers; dark green foliage; 8" height
Pachysandra, Japanese (J.P.); Japanese Spurge Green Carpet J.P.	Pachysandra terminalis 'Green Carpet'	S	Moist soil; shade; evergreen foliage; needs shelter from winter sun and wind; 6-8" height
		S	Lower growing; glossier leaves; 6" height
Periwinkle; Myrtle	Vinca minor and cvs.	M	Shade; blue flowers in May; broadleaf evergreen; 6" height
Phlox, Moss	Phlox subulata and cvs.	M	Sun; dry, infertile soil; small, clustered, pink or white flowers; needle-like, semi-evergreen leaves; good bank cover; 6" height
Stephanandra, Cutleaf	Stephanandra incise 'Crispa'	F	Sun; well-drained, acid soil; fine-textured; 3' height
Stonecrop; Sedum	Sedum spp.	M	Dry, infertile soil; sun; rock gardens; succulent; 2-8" height
Strawberry, Barren	Waldsteinia ternata	M	Partial shade; herbaceous; yellow flowers; 4-6" height
Sumac, Gro-Low Fragrant	Rhus aromatica 'Gro-Low'	M	Dry soil; sun; orange-maroon fall color; 2½' height
Trefoil, Bird's-foot	Lotus corniculatus	M	Wet, acid soil; sun; tolerates poor drainage; yellow flowers; good bank cover; not for refined areas; 1-2' height
*Wildginger, Canada	Asarum canadense	M	Rich soil; shade; large, heart-shaped leaves; 6" height
Woodruff, Sweet	Galium odoratum	F	Shade; herbaceous; white flowers; fine-textured; 6-8" height

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*Wisconsin native.

G. VINES

Common Name	Botanical Name	Growt h Rate ^a	Form	Remarks
VINES				
Akebia, Fiveleaf	Akebia quinata	M	Twining	Shade; bluish-green leaves in the summer; rosy-purple flowers; purple fruits
*Bittersweet, American	Celastrus scandens	F	Twining	Dry soil; shade; yellow and red terminal fruit clusters; dioecious; plant both sexes
Bittersweet, Oriental	Celastrus orbiculatus	F	Twining	Dry soil; shade; small, orange-yellow fruits
Clematis (C.)	Clematis 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.	Clematis x jackmanii	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	Clematis maximowicziana	F	Twining petioles	Semi-shade; small, white flowers in September; often sold as C. paniculata
Creeper, Engelmann Virginia; Woodbine	Parthenocissus quinquefolia 'Engelmannii'	F	Holdfasts and tendrils	Shade or sun; finer textured than the species; blue fruits; red fall color; salt-tolerant
Dutchmanspipe	Aristolochia durior	M	Twining	Shade; curious flowers; huge leaves; good screen
Euonymus (E.), Bigleaf Wintercreeper	Euonymus fortunei var. vegeta	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
Fleecevine, Silver; Silver Lace Vine	Polygonum aubertii	F	Twining	Sun; small, clustered, white flowers in September
Grape	Vitis spp. and cvs	F	Tendrils	Sun; edible fruits
Honeysuckle, Dropmore Scarlet	Lonicera x browii 'Dropmore Scarlet'	F	Twining	Shade or sun; red flowers all season; red fruits; subject to aphids
Honeysuckle, Everblooming; Goldflame Honeysuckle	Lonicera heckrottii	F	Twining	Shade or sun; pink and yellow flowers; subject to aphids
Hydrangea, Climbing	Hydrangea anomala spp. petiolaris	S	Aerial rootlets	Shade; moist soil; white flowers; exfoliating cinnamon bark
Ivy, Boston; Japanese Creeper	Parthenocissus tricuspidata	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 Actinidia	Actinidia kolomikta	F	Twining	Sun; pink and white blotches on leaves; dioecious; plant both sexes
Trumpetcreeper; Trumpetvine	Campsis radicans	F	Aerial rootlets	Moist soil; sun; orange to red, trumpet-shaped flowers; suckering
Wisteria, Kentucky	Wisteria macrostachya	M	Twining	Sun; drooping lavender flower clusters

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*Wisconsin native.

Source: E. R. Hasselkus, A Guide to Selecting Landscape Plants for Wisconsin, University of Wisconsin-Extension, Madison, Wisconsin, 1991; Michael A. Dirr, Manual of Woody Landscape Plants: Their Identification, Ornamental Characteristics, Culture, Propagation and Uses, 4th Ed., Stipes Publishing Company, Champaign, Illinois, 1990; 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, Street Tree Factsheets, Pennsylvania State University, University Park, Pennsylvania, 1993; 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; M. Hockenberry Meyer, D. B. White, and H. Pellett, Ornamental Grasses for Cold Climates, North Central Regional Extension Publication 573, University of Minnesota-Extension, St. Paul, Minnesota, 1998; Rick Drake, The Color Encyclopedia of Ornamental Grasses, Timber Press, Inc., Portland, Oregon, 1999; and SEWRPC.

