Appendix B

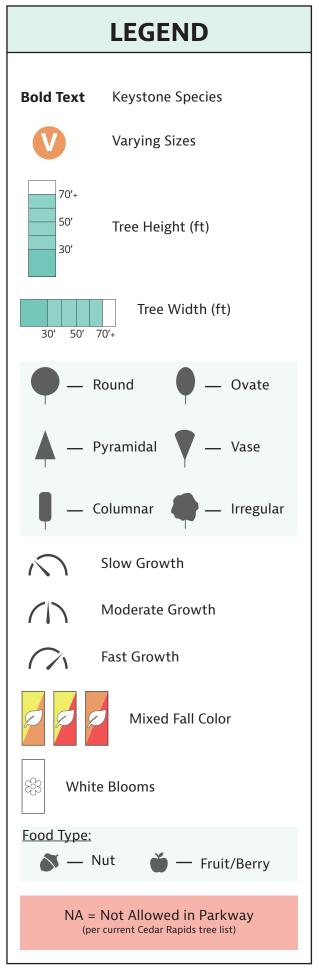
Master Tree List



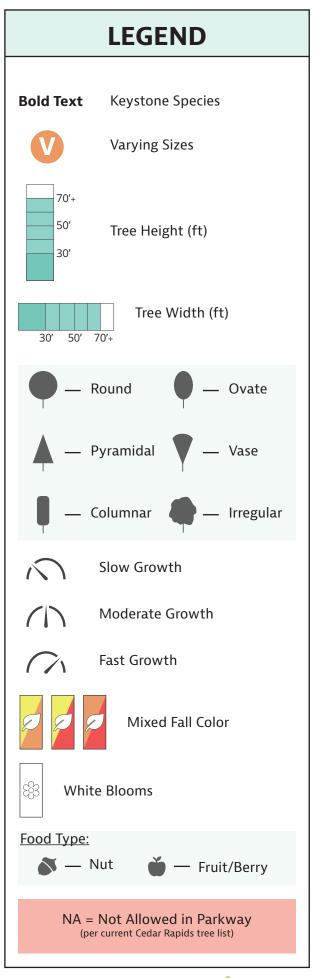
				FORM		AT	TRI	BUT	E SITE										SOI	LS			
SUPERIOR (Native, Large, Food Web Supporters)	Cultivar for Consideration	Iowa Native	Height / Width	Shape	Growth Rate	Fall Color	Flower	Food for Wildlife	Food for People	Forest	Park Vard	Tald	Falkway Median	Parking Lot	Tree Pit	Under Utility Lines	Wet	Moist / Well Drained	Dry	Clay Soils Tolerance	Road Salt Tolerance	Compaciton Tolerance	Additional Notes
Swamp White Oak Quercus bicolor		Υ			$\langle 1 \rangle$	P		24															- A native oak, among the most productive supporters of the food web
Shingle Oak Quercus imbricaria		Υ			$\sqrt{}$			3															- Has an atypical, unlobed leaf - A native oak, among the most productive supporters of the food web
Northern Pin / Hills Oak Quercus ellipsoidalis	Majestic Skies	Υ		A	$ \sim $	2		24															- Vibrant fall color - Good tolerance for high pH soils - A native oak, among the most productive supporters of the food web
White Oak Quercus alba		Υ			$ \sim $	7		3															~ A native oak, among the most productive supporters of the food web
Bur Oak Quercus macrocarpa		Υ			$ \sim $			24				N	Α										- Iowa's state tree - A native oak, among the most productive supporters of the food web
Chinkapin Oak Quercus muehlenbergii		Υ			(I)			37															~ A native oak, among the most productive supporters of the food web
Northern Red Oak Quercus rubra		Υ			/ \	Ø		24															- Vibrant fall color - A native oak, among the most productive supporters of the food web
Scarlet Oak Quercus coccinea		Υ		•	(h)	7		37															- Vibrant fall color - A native oak, among the most productive supporters of the food web
Black Oak Quercus velutina		Υ			(h)	Q		24															- Vibrant fall color - A native oak, among the most productive supporters of the food web
Pin Oak Quercus palustris		Υ			∕ ∕₁	7		3				N	Α										- Vibrant fall color - Suffers from chlorosis (yellowing) in high pH soils - A native oak, among the most productive supporters of the food web
Oak Hybrids Quercus x	Bebbiana, Heritage	Υ	V		(N			2															- Many promising hybrids available
Cottonwood (Eastern Poplar) Populus deltoides		Υ			/ 1	Q						N	Α										- An important contributor to the food web - Use should be limited to naturalized areas due to mess and susceptibility to disease and breakage
Kentucky Coffeetree <i>Gymnocladus dioicus</i>	Espresso, Prairie Titan	Υ			(I)																		- Seedless cultivars for use in parkway
Honey Locust (thornless) Gleditsia triacanthos inermis	Shademaster, Northern Acclaim, Skyline, Trueshade	Υ	V		/ 1	Ø																	- Vibrant fall color - Overplanted in some areas
American Sycamore Platanus occidentalis		Υ			/ \																		
Common Hackberry Celtis occidentalis	Prairie Pride, Chicagoland	Υ			(h)			ď															
American Linden (Basswood) Tilia americana		Υ			(h)							N	Α										- Provides important shelter for birds and pollinators - Attracts Japanese beetles, which can defoliate the tree

LEGEND Bold Text Keystone Species Varying Sizes Tree Height (ft) Tree Width (ft) 30' 50' 70'+ — Ovate — Round — Pyramidal — Vase — Irregular — Columnar Slow Growth Moderate Growth Fast Growth Mixed Fall Color White Blooms Food Type: Nut — Fruit/Berry NA = Not Allowed in Parkway (per current Cedar Rapids tree list)

SUPERIOR (continued) (Native, Large, Food Web Supporters)	Cultivar for Consideration	Iowa Native		Shape	Growth Rate	Fall Color	Flower	Food for Wildlife	Food for People	Forest	Park	Yard	Parkway	Median	Parking Lot Tree Pit	Under Utility Lines	Wet	Moist / Well Drained	Ury	Road Salt Tolerance	Compaciton Tolerance	Additional Notes
Bitternut Hickory Carya cordiformis		Υ		-	/ 1	D	-	2				N	ΙA									
Shagbark Hickory <i>Carya ovata</i>		Υ			(1)	Ø		2	24			N	J A									
Butternut Juglans cinera		Υ			(1)		(2	24			N	J A									- May be difficult to find in nurseries
Black Walnut Juglans nigra		Υ		•	(I)			2	37			N	ΙA									~ Produces a compound that may damage nearby vegetation ~ confirm tolerance before planting
Elm Hybrids Ulmus x	Princeton, Regal, New Horizon, Triumph, Accolade, Pioneer	N	V	•	⊘ \																	- Hybrids exhibit resistence to Dutch Elm Disease
ALLOWED (Large to Medium, Native or Adapted)	Cultivar for Consideration	Iowa Native	Height / Width	Shape	Growth Rate	Fall Color	Flower	Food for Wildlife	Food for People	Forest	Park	Yard	Parkway	Median	Parking Lot Tree Pit	Under Utility Lines	Wet	Moist / Well Drained	Ury	Road Salt Tolerance	Compaciton Tolerance	Additional Notes
Yellow Birch Betula alleghaniensis		Υ			⊘ ₁	Ø																- May be difficult to find in nurseries
River Birch Betula nigra	Heritage, Dura-Heat	Υ			~ 1	Ø																- Vibrant fall color - Unique, peeling bark
Quaking Aspen Populus tremuloides		Υ		•	<i>(</i>)	Ø						N	JA									- Tree can sucker - Is highly susceptible to ice damage
Black Cherry Prunus serotina		Υ			~ 1	Z 8		č														- An important contributor to the food web - Use should be limited to naturalized areas due to susceptibility to breakage from ice and potential to spread due to heavy fruit production
Black Willow Salix nigra		Υ			~ 1							N	JA									- An important contributor to the food web - Use should be limited to naturalized areas due to susceptibility to breakage, mess, and potential for water/sewer utility damage
Ohio Buckeye Aesculus glabra	Early Glow	Υ			(n)	7		2				N	JA									- Not to be planted near horses or livestock to whom the nuts produced are poisonous
White Pine Pinus strobus		Υ		A	7 1							N	JA									- Evergreen
Limber Pine Pinus flexilis		N			/ 1							N	١A									- Evergreen - Less prone to storm damage than native pine
Tuliptree <i>Liriodendron tulipifera</i>	Emerald City	N			⊘ \		÷															- Black Walnut tolerant - Unique flower and leaf-shape



ALLOWED (continued) (Large to Medium, Native or Adapted)	Cultivar for Consideration	Iowa Native	Shape	Growth Rate	Fall Color	Flower	Food for Wildlife	Food for People	Forest	Yard	Parkway	Median	Parking Lot	Tree Pit	Under Utility Lines	Wet	Moist / Well Dialifed	Oly	Clay Solls Tolerance	Gomeration Tolorance	Additional Notes
Horsechestnut <i>Aesculus hippocasteana</i>	Baumanii, Fort McNair	N		(1)	Ø	83															- Not to be planted near horses or livestock to whom the nut produced are poisonous
Black Tupelo (Black Gum) <i>Nyssa sylvatica</i>	Snow Flurries, Wildfire	N		1	2		ď														- Vibrant fall color - May be difficult to find in nurseries
Baldcypress <i>Taxodium distichum</i>	Shawnee Brave, Green Whisper	N	A	\sim	Z																- Vibrant fall color
Northern Catalpa <i>Catalpa speciosa</i>		N		~ \																	- Produces large seed pods which can be messy - Weak wood and branch structure
American Beech Fagus grandifolia		N	•	\sim	D		94														- Black Walnut tolerant
American Yellowwood <i>Cladrastis kentukea</i>	Perkins Pink	N	•	(1)	D	8 3															- Vibrant fall color - Highly susceptible to breakage from ice - May be difficult to find in nurseries
Cucumbertree Magnolia <i>Magnolia acuminata</i>		N	A	~ \	D	83															- Black Walnut tolerant - May be difficult to find in nurseries
Sweetgum <i>Liquidambar styraciflua</i>	Moraine, Rotundiloba	N	A	~ \	Z)																- Vibrant fall color - Marginally hardy in Iowa climate - Unique, star-shaped leaves and spiked seedpods
Ware's Oak <i>Quercus x warei</i>	Chimney Fire, Nadler	N		~ \	2		24														
Sawtooth Oak <i>Quercus acutissima</i>		N	•	~ \			24														
English Oak <i>Quercus robur</i>	Regal Prince, Skymaster	N		~ \	2		24														
Silver Linden <i>Tilia tomentosa</i>	Sterling	N			Q	83															
Dawn Redwood <i>Metasequoia glyptostroboides</i>	Gold Rush	N	A	~ \	D																- Vibrant fall color
Ginkgo <i>Ginkgo biloba</i>	Samurai, Saratoga, Shangri-la	N	A	(1)	D																- Vibrant fall color - Only male trees should be planted to avoid odorous fruit
London Planetree <i>Platanus x acerfolia</i>	Exclamation, Ovation			~ 1																	
European Hornbeam <i>Carpinus betulus</i>	Fastigiata, Frans Fontaine	N		\sim	D																~ Well suited for screens, hedges, and windbreaks
Hardy Rubber Tree Eucommia ulmoides		N		\sim																	





ALLOWED (continued)	Cultivar for Consideration	Iowa Native	Height / Width	Shape	Growth Rate	Fall Color	Flower	Food for Wildlife	Food for People	Forest	Park	Yard	Parkway	Median	Parking Lot Tree Pit	Under Utility Lines	Wet	Moist / Well Drained		Ciay solls Tolerance	Compaciton Tolerance	
(Large to Medium, Native or Adapted) Turkish Filbert Corylus colurna	Consideration	N	Ĭ	\rightarrow \righ	(I)	E _a		<u>7</u>		<u> </u>	. Pē	× ×	Pa	Σ 6	8 F	n	>	Σ	Dry	5 à	3	Additional Notes - May be difficult to find in nursuries
Lacebark Elm <i>Ulmus parvifolia</i>	Bosque, Allee	N			(1)	2																- Unique, mottled bark
Katsura Tree Cercidiphyllum japonicum	Red Fox	N		•	(1)	2																
Japanese Zelkova Zelkova serrata	Green Vase, Village Green	N	V	7	(1)	Ø																
Japanese Pagodatree Sophora japonica	Regent, Halka	N		•	(1)		£															- May be difficult to find in nurseries
CONTINGENT (Small Native Trees)	Cultivar for Consideration	Iowa Native	Height / Width	Shape	Growth Rate	Fall Color	Flower	Food for Wildlife	Food for People	Forest	Park	Yard	Parkway	Median	Parking Lot Tree Pit	Under Utility Lines	Wet	Moist / Well Drained	Dry	Dood Salt Tolorance	Compaciton Tolerance	Additional Notes
American Plum Prunus americana					⊘ \	Z Z	#		ď				۱A									- An important contributor to the food web - Use should be limited to areas where dropping fruit will not land on pavements or neighboring properties
Common Chokecherry Prunus virginiana		Υ			(1)	2	83	č														- An important contributor to the food web - Use should be limited to naturalized areas due to its weak- wooded nature and susceptibility to disease and insects
American Hophornbeam Ostrya virginiana		Υ		•	\sim																	
American Hornbeam Carpinus carolinana		Y			5	Ø																- Vibrant fall color - Black Walnut tolerant
Pagoda Dogwood Cornus alternifolia		Y			\sim	Ø						N	۱A									- Unique, horizontal growth habit - Black Walnut tolerant
Shadblow Serviceberry <i>Amelanchier canadensis</i>		Y			C1	2	£	Ť	ď													- Vibrant fall color - Black Walnut tolerant
Eastern Redbud Cercis canadensis					/ \	D	***															- Black Walnut tolerant
Prairie Crabapple <i>Malus ioensis</i>		Υ			(1)	Ø	\$	č														- Susceptible to cedar-rust - Can be difficult to find native variety in nurseries
Downy Hawthorn Crataegus mollis		Υ			(1)		83					N	۱A									~ Tree should be sited carefully as it produces long thorns

