

**WISCONSIN FORESTRY TECHNICAL NOTE 1  
APPENDIX A**

**Wisconsin Native Tree Guide**

Major Land Resource Area (MLRA) WDNR Ecological Landscape	Drainage Class	Uses	Exposure	Species Recommended
90B Western Prairie	E-W	Forest Products, Upland Wildlife Habitat, Windbreaks and Shelterbelts	Open	Jack Pine
	E-W	Forest Products, Upland Wildlife Habitat, Windbreaks and Shelterbelts	Open, Partial Shade	Bur Oak
	W	Forest Products, Upland Wildlife Habitat, Wind Breaks and Shelterbelts	Partial Shade, Shade	Sugar Maple <sup>1</sup>
	W	Forest Products, Upland Wildlife Habitat	Open	Bigtooth Aspen
	W	Upland Wildlife Habitat, Windbreaks/Shelterbelts	Open, Partial Shade	Shagbark Hickory <sup>3</sup>
	W-MW	Forest Products, Riparian and Upland Wildlife Habitat, Christmas Trees	Open, Partial Shade	Balsam Fir
	W-MW	Forest Products, Riparian and Upland Wildlife Habitat, Christmas Trees	Open	Red Pine
	W-MW	Forest Products, Upland Wildlife Habitat	Open	Paper Birch
	W-MW	Forest Products, Upland Wildlife Habitat	Open	Black Cherry
	W-MW	Forest Products, Upland Wildlife Habitat	Partial Shade	Yellow Birch <sup>1</sup>
	W-MW	Forest Products, Upland Wildlife Habitat	Partial Shade, Shade	Eastern Hemlock
	W-MW	Forest Products, Upland Wildlife Habitat	Partial Shade, Shade	Black Maple
	W-MW	Forest Products, Upland Wildlife Habitat	Open	Butternut
	W-MW	Forest Products, Upland Wildlife Habitat	Open, Partial Shade	American Basswood
	W-MW	Forest Products, Upland Wildlife Habitat	Open, Partial Shade	Bitternut Hickory
	W-MW	Forest Products, Upland Wildlife Habitat	Partial Shade, Shade	Rock Elm
	W-MW	Forest Products, Upland Wildlife Habitat, Windbreaks/Shelterbelts	Open	White Ash <sup>2</sup>
	W-MW	Forest Products, Upland Wildlife Habitat, Windbreaks/Shelterbelts	Open	Quaking Aspen
	W-MW	Forest Products, Upland Wildlife Habitat, Windbreaks/Shelterbelts	Open, Partial Shade	White Oak
	W-MW	Forest Products, Upland Wildlife Habitat, Windbreaks/Shelterbelts	Open, Partial Shade	Northern Red Oak
	W-SP	Forest Products, Upland Wildlife Habitat, Windbreaks/Shelterbelts, Christmas Trees	Open, Partial Shade	Eastern White Pine
	MW	Forest Products, Upland Wildlife Habitat	Open, Partial Shade	Slippery (Red) Elm
	MW-SP	Forest Products, Upland Wildlife Habitat, Riparian Wildlife Habitat, Windbreaks and Shelterbelts, Christmas Trees	Open, Partial Shade	White Spruce
	MW-SP	Forest Products, Riparian Wildlife Habitat, Upland Wildlife Habitat	Open	Red Maple
	MW-SP	Forest Products, Riparian Wildlife Habitat, Upland Wildlife Habitat	Open	Balsam Poplar
	MW-SP	Forest Products, Riparian Wildlife Habitat, Upland Wildlife Habitat	Open, Partial Shade	American Elm
MW-SP	Riparian Wildlife Habitat, Windbreaks and Shelterbelts	Partial Shade, Shade	Hackberry	

Drainage Class: E=Excessive W=Well MW=Moderately Well SP=Somewhat Poorly P=Poorly VP=Very Poorly

<sup>1</sup>Sugar Maple exhibits allelopathic properties against Yellow Birch.

<sup>2</sup>Limit the planting of Ash to 10% or less of a new planting. Do not plant Ash in quarantined counties.

<sup>3</sup>Species native range throughout Wisconsin.

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	MW-SP	Riparian Wildlife Habitat	Open	Eastern Cottonwood
	MW-P	Forest Products, Riparian Wildlife Habitat, Wetland Wildlife Habitat, Windbreaks and Shelterbelts	Open, Partial Shade	Northern White Cedar
	SP-P	Forest Products, Riparian Wildlife Habitat, Windbreaks and Shelterbelts	Open	Green Ash <sup>2</sup>
	SP-P	Riparian Wildlife Habitat	Open	Silver Maple
	P-VP	Forest Products, Riparian Wildlife Habitat	Open	Black Ash <sup>2</sup>
	P-VP	Forest Products, Wetland Wildlife Habitat	Open	Tamarack
	P-VP	Forest Products, Wetland Wildlife Habitat	Open, Partial Shade	Black Spruce
	P-VP	Riparian Wildlife Habitat	Open	Black Willow

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**Wisconsin Native Shrub Guide  
Statewide**

<b>Drainage Class</b>	<b>Uses</b>	<b>Exposure</b>	<b>Species Recommended</b>
E-W	Browse and Cover, Height-4', Woodlands	Open	N. Bush Honeysuckle ( <i>Diervilla lonicera</i> )
E-W	Browse and Fruit, Height-20', Woodlands	Open	Choke Cherry ( <i>Prunus virginiana</i> )
E-W	Browse, Fruit and Flowers, Height-30', Forms Thickets, Oak Savanna	Open	Staghorn Sumac ( <i>Rhus typhina</i> )
E-W	Browse and Fruit, Height-1', Open Woodlands, Barrens	Open	Blueberry ( <i>Vaccinium</i> sp.)
E-W	Browse and Fruit, Height-6', Woodlands	Partial Shade-Shade	Mapleleaf Viburnum ( <i>Viburnum acerifolium</i> )
E-MW	Browse, Fruit and Cover, Height-6', Forms Thickets, Woodlands	Open	Common Blackberry ( <i>Rubus allegheniensis</i> )
W	Cover, Height-10', Grasslands	Open	Common Ninebark ( <i>Physocarpus opulifolius</i> )
W-MW	Browse and Fruit, Height-25', Fall Foliage, Woodlands	Partial Shade-Shade	Alternatleaf Dogwood ( <i>Cornus alternifolia</i> )
W-MW	Browse and Fruit, Height-6', Forms Thickets, Woodlands	Open-Partial Shade	Gray Dogwood ( <i>Cornus racemosa</i> )
W-MW	Browse and Fruit, Height-25', Woodlands	Open	Pin Cherry ( <i>Prunus pensylvanica</i> )
W-MW	Browse, Fruit and Cover, Height-5', Woodlands	Partial Shade	Prickly Gooseberry ( <i>Ribes cynosbati</i> )
W-MW	Browse, Fruit and Cover, Height-5', Woodlands	Open	Black Raspberry ( <i>Rubus occidentalis</i> )
W-MW	Fruit and Cover, Height-20', Grasslands	Open	Hawthorns ( <i>Crataegus</i> sp.)
W-MW	Cover and Fruit, Height-6', Forms thickets, Grasslands-Riparian-Woodland Border	Partial Shade-Shade	Sand Cherry ( <i>Prunus pumila</i> )
W-MW	Cover and Browse, Height-10', Forms Thickets, Prairie-Sand Barrens-Savanna	Open-Partial Shade	Prairie Willow ( <i>Salix humilis</i> Marshall)
MW	Browse and Nuts, Height-10', Forms Thickets, Woodlands	Open-Partial Shade	American Hazelnut ( <i>Corylus americana</i> )
MW	Fruit and Cover, Height-7', Forms Thickets, Woodlands	Open	Elderberry ( <i>Sambucus canadensis</i> )
MW-SP	Browse and Fruit, Height-25', Attractive Spring Blossom, Woodlands	Partial Shade-Shade	Juneberry, sp. ( <i>Amelanchier</i> sp.)
MW-SP	Browse and Fruit, Height-9', Woodlands	Open-Partial Shade	Roundleaf Dogwood ( <i>Cornus rugosa</i> )
MW-SP	Browse and Fruit, Height-2', Woodlands	Open-Partial Shade	Black Huckleberry ( <i>Gaylussacia baccata</i> )
MW-SP	Browse and Fruit, Height-28', Woodlands	Partial Shade-Shade	Nannyberry ( <i>Viburnum lentago</i> )
MW-SP	Cover and Fruit, Height-6', Woodlands	Open-Partial Shade	Downy Arrowwood ( <i>Viburnum rafinesquianum</i> )
SP-P	Browse and Cover, Height-15', Riparian Forests	Open-Partial Shade	Pale Dogwood ( <i>Cornus obliqua purpusi</i> )
SP-P	Browse and Fruit, Height-6', Woodlands	Open-Partial Shade	Winterberry ( <i>Ilex verticillata</i> )
SP-P	Browse, Fruit and Cover, Height-3', Woodlands	Open	Gooseberry ( <i>Ribes hirtellum</i> )
SP-P	Browse and Cover, Height-10', Forms Thickets, Lake Dunes and Sand Bars	Open	Sandbar Willow ( <i>Salix interior</i> )
SP-VP	Cover, Butterfly Nectar, Height-5', Grasslands	Open	Hard-hack (Steeplebush) ( <i>Spiraea tomentosa</i> )
SP-VP	Cover, Browse, Buds, Height-4', Damp Meadows	Open	White Meadowsweet ( <i>Spiraea alba</i> )
P-VP	Browse, Height-20', Wetlands	Open	Bog (Dwarf) Birch ( <i>Betula pumila</i> )
P-VP	Browse and Cover, Height-5', Forms Thickets, Wetlands-Riparian	Open-Partial Shade	Red-Osier Dogwood ( <i>Cornus stolonifera</i> )

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**Wisconsin Native Shrub Guide  
St. Croix County**

Drainage Class	Uses	Exposure	Species Recommended
E-W	Fruit and Cover, Attracts Butterflies, Height-3', Oak Openings	Open	Wolfberry ( <i>Symphoricarpos occidentalis</i> )
E-W	Browse and Fruit, Height-3', Grasslands	Open-Partial Shade	New Jersey Tea ( <i>Ceanothus americanus</i> )
E-W	Browse and Cover, Height-2', Grasslands	Open-Partial Shade	Shrubby Cinquefoil ( <i>Potentilla fruticosa</i> )
E-W	Browse, Cover and Fruit, Height-1'-6', Forms Thickets, Lake Dunes-Sandy Soils	Open	Common Juniper ( <i>Juniperus communis</i> )
W	Fruit and Cover, Height-2', Woodlands	Open	Snowberry ( <i>Symphoricarpos albus</i> )
W	Nuts, Height-10', Forms Thickets, Woodlands	Open-Partial Shade	Beaked Hazelnut ( <i>Corylus cornuta</i> )
W-MW	Browse, Cover and Fruit, Height-12', Forms Thickets, Grasslands	Open	Smooth Sumac ( <i>Rhus glabra</i> )
W-MW	Browse and Seeds, Height-15', Late Fall Flower, Woodlands	Open-Partial Shade	Witch Hazel ( <i>Hamamelis virginiana</i> )
W-MW	Browse and Cover, Height-5', Woodlands	Partial Shade-Shade	American Yew ( <i>Taxus canadensis</i> )
MW-SP	Cover, Height-15', Woodlands	Open-Partial Shade	Bladdernut ( <i>Staphylea trifolia</i> )
MW-SP	Browse and Fruit, Height-24', Forms Thickets, Grasslands	Open	Wild Plum ( <i>Prunus americana</i> )
MW-SP	Browse and Cover, Height-6', Savanna-Riparian	Open	Indigo Bush ( <i>Amorpha fruticosa</i> )
SP-P	Browse and Cover, Height-10', Riparian Forests, Forms Thickets	Open-Partial Shade	Burning-bush ( <i>Euonymus atropurpureus</i> )
P-VP	Cover, Riparian Forests, Height-20', Forms Thickets, Butterflies	Shade	Buttonbush ( <i>Cephalanthus occidentalis</i> )