

**APPENDIX D****SITE INDEX CURVES FOR TREE SPECIES IN WISCONSIN**

<b>Species</b>	<b>Source</b>
<b>Balsam fir</b> ( <i>Abies balsamea</i> )	Lake States (Gevorkiantz 1956; Carmean et al., 1989)
<b>Red maple</b> ( <i>Acer rubrum</i> )	Minnesota (Gevorkiantz, 1957; Carmean et al., 1989)
<b>Sugar maple</b> ( <i>Acer saccharum</i> )	Northern Wisconsin and Upper Michigan (Carmean et al., 1989)
<b>Yellow birch</b> ( <i>Betula alleghaniensis</i> )	Northern Wisconsin and Upper Michigan (Carmean et al., 1989)
<b>White birch</b> ( <i>Betula papyrifera</i> )	Northern Wisconsin and Upper Michigan (Carmean et al., 1989)
<b>Bitternut hickory</b> ( <i>Carya cordiformis</i> )	Wisconsin (anamorphic curve based on FIA)
<b>Shagbark hickory</b> ( <i>Carya ovata</i> )	Wisconsin (anamorphic curve based on FIA)
<b>Hackberry</b> ( <i>Celtis occidentalis</i> )	Northern Wisconsin and Upper Michigan (Carmean et al., 1989)
<b>White ash</b> ( <i>Fraxinus americana</i> )	Northern Wisconsin and Upper Michigan (Carmean et al., 1989)
<b>Black ash</b> ( <i>Fraxinus nigra</i> )	Northern Wisconsin and Upper Michigan (Carmean et al., 1989)

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<b>Species</b>	<b>Source</b>
<b>Green ash</b> ( <i>Fraxinus pennsylvanica</i> )	Wisconsin (anamorphic curve based on FIA)
<b>Black walnut</b> ( <i>Juglans nigra</i> )	(Schlesinger and Funk, 1977)
<b>Tamarack</b> ( <i>Larix laricina</i> )	Minnesota (Gevorkiantz, 1957; Carmean et al., 1989)
<b>White spruce</b> ( <i>Picea glauca</i> )	Minnesota (Gevorkiantz, 1957; Carmean et al., 1989)
<b>Black spruce</b> ( <i>Picea mariana</i> )	Lake States (Technical Note no 473)
<b>Jack pine</b> ( <i>Pinus banksiana</i> )	Minnesota (Gevorkiantz, 1957; Carmean et al., 1989)
<b>Red pin</b> ( <i>Pinus resinosa</i> )	Minnesota (Gevorkiantz, 1957; Carmean et al., 1989)
<b>Eastern white pine</b> ( <i>Pinus strobus</i> )	Northern Wisconsin (Carmean et al., 1989)
<b>Bigtooth aspen</b> ( <i>Populus grandidentata</i> )	Northern Wisconsin and Upper Michigan (Carmean et al., 1989)
<b>Trembling aspen</b> ( <i>Populus tremuloides</i> )	Northern Wisconsin and Upper Michigan (Carmean et al., 1989)
<b>Black cherry</b> ( <i>Prunus serotina</i> )	Northern Wisconsin and Upper Michigan (Carmean et al., 1989)
<b>White oak</b> ( <i>Quercus alba</i> )	Central States (Carmean 1971, 1972)

**Species**

**Source**

**Northern red oak**

*(Quercus rubra)*

Northern Wisconsin and Upper Michigan (Carmean 1978)

**Black oak**

*(Quercus velutina)*

Central States (Carmean 1971, 1972)

**Northern white cedar**

*(Thuja occidentalis)*

Lake States (Gevorkiantz 1956; Carmean et al., 1989)

**Basswood**

*(Tilia americana)*

Northern Wisconsin and Upper Michigan (Carmean et al., 1989)

**American elm**

*(Ulmus americana)*

Northern Wisconsin and Upper Michigan (Carmean et al., 1989)