



Council Oak

THE BIG TREES
of ST. JOSEPH COUNTY

Meet
St. Joseph County's
Big Tree Champions!



2009-2010

What are the Big Trees of St. Joseph County?

The Big Trees of St. Joseph County celebrates the largest native trees growing within the borders of the county. Area residents were asked to nominate trees and all champion trees were verified by the naturalist staff of sponsoring agencies.

Several nominations were placed by the Big Trees Day Campers, a group of students participating in St. Joseph County Parks summer day camp program about trees.

How do we determine champions?

A point index is calculated for each tree using the following formula: the circumference in inches, plus the height in feet, plus 1/4 of the average crown spread in inches. The tree in each species with the highest point index is the champion.

To view the trees

Many of the trees are on public land, such as parks, cemeteries, and college campuses and can be easily viewed. Those that are listed on private property may not be as easily viewed. **Do not trespass on private property to view any champion tree.**

This Big Tree listing was compiled in December, 2008. The next revision will take place in 2010. For a nomination form, contact St. Joseph County Parks, 32132 SR 2, New Carlisle, IN 46552 574/654-3155 or log onto www.sjcparks.org

The Big Trees of St. Joseph County is sponsored by:



St. Joseph County
Soil & Water
Conservation District



The University
of Notre Dame
Department of
Biological
Sciences



The Big Trees of St. Joseph County

ASH...

Blue ash

Fraxinus quadrangulata
Owner: University of Notre Dame
Nominator: same
Location: Brownson Hall Courtyard
Circumference at 4 ½ feet: 34.0"
Height: 44.0'
Average Crown Spread: 385.5"
Point Index: 86.03

Black ash - No Nominations

Green ash

Fraxinus pennsylvanica
Owner: Mac Willingham
3418 Southshore Drive
Mishawaka, IN 46544
Nominator: same
Circumference at 4 ½ feet: 144.0"
Height: 95.0'
Average Crown Spread: 936.0"
Point Index: 258.5

White ash

Fraxinus americana
Owner: Joe and Mary Ann DeKever
2112 Linden Avenue
Mishawaka, IN 46544
Nominator: same
Circumference at 4 ½ feet: 150.0"
Height: 88.0'
Average Crown Spread: 894.0"
Point Index: 256.63

ASPEN...

Bigtooth aspen

Populus grandidentata
Owner: University of Notre Dame
Nominator: same
Location: Southeast corner of basket ball court
North of Carroll Hall
Circumference at 4 ½ feet: 58.5"
Height: 84.0'
Average Crown Spread: 608.0"
Point Index: 155.17

Quaking aspen - No Nominations

American basswood

Tilia americana
Owner: University of Notre Dame
Nominator: same
Location: West of pool near Touchdown Jesus
Circumference at 4 ½ feet: 134.0"
Height: 66.0'
Average Crown Spread: 693.5"
Point Index: 214.45

Beech

Fagus grandifolia
Owner: Karin & Charley Horner
59199 Magnolia Road
South Bend, IN 46614
Nominator: same
Circumference at 4 ½ feet: 145.0"
Height: 92.0'
Average Crown Spread: 972.0"
Point Index: 257.25

BIRCH...

River birch

Betula nigra
Owner: Susan Cline
1706 Cedar Street
South Bend, IN 46617
Nominator: same
Circumference at 4 ½ feet: 179.0"
Height: 62.0'
Average Crown Spread: 666.0"
Point Index: 254.88

Yellow birch - No Nominations

Gray birch - No Nominations

Black gum

Nyssa sylvatica
Owner: Red Hen Turf Farm
Nominator: Kennard Feltz
Location: 28540 Chicago Trail
New Carlisle, IN 46552
Circumference at 4 ½ feet: 140.5"
Height: 95.0'
Average Crown Spread: 974.0"
Point Index: 255.79

Ohio buckeye

Aesculus glabra
Owner: Ron and Paulette Fisher
21371 Ireland Road
South Bend, IN 46614
Nominator: same
Circumference at 4 ½ feet: 115.0"
Height: 80.0'
Average Crown Spread: 774.0"
Point Index: 211.13

Butternut

Juglans cinerea
Owner: John Harley
20712 Johnson Road
South Bend, IN 46614
Nominator: same
Circumference: 168.0"
Height: 68.0'
Average Crown Spread: 1,044.0"
Point Index: 257.75

Eastern redcedar

Juniperus virginiana
Owner: University of Notre Dame
Nominator: same
Location: West side of Brownson Hall at Northeast
corner of parking lot
Circumference: 39.0"
Height: 48.0'
Average Crown Spread: 155.5"
Point Index: 90.24

CHERRY...

Black cherry

Prunus serotina
Owner: Gary & Adele Kush
24449 Righter Court
South Bend, IN 46628
Nominator: same
Circumference at 4 ½ feet: 177.0"
Height: 75.0'
Average Crown Spread: 728.0"
Point Index: 267.18

Pin cherry - No Nominations

Balsam poplar - No Nominations

Eastern cottonwood

Populus deltoides

Owner: Jim and Victoria Keldsen
31720 Riley Road
Walkerton, IN 46574

Nominator: Brian Schmeltz
Circumference at 4 ½ feet: 282.0"
Height: 105.0'
Average Crown Spread: 834.0"
Point Index: 404.38

Swamp cottonwood - No Nominations

Flowering dogwood

Cornus florida

Owner: Highland Cemetery
2257 Portage Avenue
South Bend, IN 46616

Nominator: Big Trees Day Campers
Circumference at 4 ½ feet: 79.0"
Height: 26.0'
Average Crown Spread: 330.0"
Point Index: 111.88

ELM...

American elm - No Nominations

Rock elm - No Nominations

Slippery elm - No Nominations

Hackberry

Celtis occidentalis

Owner: Town of New Carlisle
Nominator: Dwain Kern
Location: Memorial Park in New Carlisle
Circumference at 4 ½ feet: 189.0"
Height: 90.0'
Average Crown Spread: 1,106.0"
Point Index: 299.78

HAWTHORN...

Cockspur hawthorn - No Nominations

Dotted hawthorn - No Nominations

Downy hawthorn

Crataegus mollis

Owner: University of Notre Dame
Nominator: same
Location: South of Library, West of pool
Circumference at 4 ½ feet: 60.0"
Height: 27.0'
Average Crown Spread: 327.5"
Point Index: 93.82

HICKORY...

Bitternut hickory - No Nominations

Mockernut hickory - No Nominations

Pignut hickory - No Nominations

Red hickory

Carya ovalis

Owner: University of Notre Dame
Nominator: same
Location: East side of Fire Station
Circumference at 4 ½ feet: 76.0"
Height: 76.0'
Average Crown Spread: 537.0"
Point Index: 163.19

Shagbark hickory

Carya ovata

Owner: Karin and Charley Horner
59199 Magnolia Road
South Bend, IN 46614

Nominator: same
Circumference at 4 ½ feet: 82.0"
Height: 96.0'
Average Crown Spread: 600.0"
Point Index: 190.5

Shellbark hickory

Carya laciniosa

Owner: University of Notre Dame
Nominator: same
Location: Woods West of St. Joseph Hall,
North of Calvary

Circumference at 4 ½ feet: 110.0"
Height: 128.0'
Average Crown Spread: 706.0"
Point Index: 252.71

Honeylocust

Gleditsia triacanthos

Owner: University of Notre Dame
Nominator: Big Trees Day Campers
Location: West of Hurley Hall
Circumference at 4 ½ feet: 178.0"
Height: 94.0'
Average Crown Spread: 957.5"
Point Index: 291.95

Eastern hophornbeam

Ostrya virginiana

Owner: Raymond Hartsough
24451 Tyler Road
Plymouth, IN 46563

Nominator: same
Circumference at 4 ½ feet: 59.0"
Height: 68.0'
Average Crown Spread: 456.0"
Point Index: 136.50

American hornbeam

Carpinus caroliniana

Owner: University of Notre Dame
Nominator: same
Location: North side of Crowley Hall
Circumference at 4 ½ feet: 57.0"
Height: 33.0'
Average Crown Spread: 327.5"
Point Index: 96.82

Juneberry

Amelanchier arborea

Owner: University of Notre Dame
Nominator: same
Location: Northeast corner of Law School
Circumference at 4 ½ feet: 36.0"
Height: 20.0'
Average Crown Spread: 189.0"
Point Index: 59.94

Kentucky coffeetree

Gymnocladus dioicis

Owner: James Kidder
Gwinn, MI 49841

Nominator: same
Location: Olive Road, 3/4 mile North of 20 on
West side of road
Circumference at 4 ½ feet: 128.0"
Height: 124.0'
Average Crown Spread: 912.0"
Point Index: 271.0

Black locust

Robinia pseudoacacia

Owner: University of Notre Dame
Nominator: same

Location: East side of Fire Station
Circumference at 4 ½ feet: 128.0"
Height: 60.0'
Average Crown Spread: 452.0"
Point Index: 197.42

MAPLE...

Boxelder - No Nominations

Black maple

Acer nigrum

Owner: Rum Village Park
2626 S. Gertrude Street
South Bend, IN 46614

Nominator: same
Circumference at 4 ½ feet: 122.0"
Height: 105.0'
Average Crown Spread: 570.0"
Point Index: 238.88

Red maple

Acer rubrum

Owner: Jim and Sharon George
69682 Juniper Road
Bremen, IN 46506

Nominator: same
Circumference at 4 ½ feet: 151.0"
Height: 72'
Average Crown Spread: 822.0"
Point Index: 240.13

Silver maple

Acer saccharinum

Owner: Dorla Null
3728 Vistula Road
Mishawaka, IN 46544

Nominator: same
Circumference at 4 ½ feet: 182.0"
Height: 90.0'
Average Crown Spread: 966.0"
Point Index: 292.13

Sugar maple

Acer saccharum

Owner: Herman Kendall
65309 Mulberry Road
Lakeville, IN 46536

Nominator: same
Circumference at 4 ½ feet: 168.0"
Height: 70.0'
Average Crown Spread: 882.0"
Point Index: 256.38

Red mulberry*Morus rubra*

Owner: Georgann DeVolder
4119 South Fellows Street
South Bend, IN 46614
Nominator: Nancy Ries Morrison
Circumference at 4 1/2 feet: 235.0"
Height: 52.0'
Average Crown Spread: 666.0"
Point Index: 300.88

OAK...**Black oak***Quercus velutina*

Owner: Judith K. Cauffman
12778 Day Road
Mishawaka, IN 46545
Nominator: same
Circumference at 4 1/2 feet: 194.0"
Height: 100.0'
Average Crown Spread: 1,044.0"
Point Index: 315.75

Bur oak*Quercus macrocarpa*

Owner: Dwayne Hershberger
20300 Whitmer Road
South Bend, IN 46614
Nominator: same
Circumference at 4 1/2 feet: 234.0"
Height: 114.0'
Average Crown Spread: 900.0"
Point Index: 366.75

Chinquapin oak*Quercus muehlenbergii*

Owner: Livinghouse Family Farms
Nominator: same
Location: East side of County Line Road, North
of Chicago Trail intersection
Circumference at 4 1/2 feet: 224.0"
Height: 61.0'
Average Crown Spread: 1,017.5"
Point Index: 306.20

Jack oak*Quercus ellipsoidalis*

Owner: University of Notre Dame
Nominator: same
Location: North end of O'Shaughnessy Hall
Circumference at 4 1/2 feet: 92.0"
Height: 52.0'
Average Crown Spread: 660.0"
Point Index: 157.75

Pin oak*Quercus palustris*

Owner: Raymond Walbert
Granger, IN 46530
Nominator: Kennard Feltz
Location: 28607 Chicago Trail
New Carlisle, IN 46552
Circumference at 4 1/2 feet: 159.5"
Height: 75.0'
Average Crown Spread: 1,084.0"
Point Index: 257.08

Red oak*Quercus rubra*

Owner: James Kidder
Gwinn, MI 49841
Nominator: same
Location: Olive Road, 3/4 mile North of 20 on
West side of road
Circumference at 4 1/2 feet: 187.0"
Height: 88.0'
Average Crown Spread: 899.0"
Point Index: 293.73

Scarlet oak*Quercus coccinea*

Owner: University of Notre Dame
Nominator: same
Location: Southwest of Corby Hall
Circumference at 4 1/2 feet: 113.0"
Height: 76.0'
Average Crown Spread: 379.0"
Point Index: 196.90

Shingle oak*Quercus imbricaria*

Owner: University of Notre Dame
Nominator: same
Location: West side of Sorin Hall
Circumference at 4 1/2 feet: 99.0"
Height: 64.0'
Average Crown Spread: 541.5"
Point Index: 174.28

Swamp white oak*Quercus bicolor*

Owner: Richard Rybicki
30163 Grant Road
New Carlisle, IN 46552
Nominator: same
Circumference at 4 1/2 feet: 134.0"
Height: 70.0'
Average Crown Spread: 909.0"
Point Index: 222.94

White oak*Quercus alba*

Owner: Patrick and Liah Griffin
51811 Clubhouse Court
South Bend, IN 46628
Nominators: Griffin Herner and Dominic Ganser
Circumference at 4 1/2 feet: 173.0"
Height: 100.0'
Average Crown Spread: 1,300.0"
Point Index: 300.08

Pawpaw*Asimina triloba*

Owner: St. Joseph County Parks
Nominator: Sean Kelly
Location: Bendix Woods County Park
Circumference at 4 1/2 feet: 20.0"
Height: 39.0'
Average Crown Spread: 192.5"
Point Index: 63.01

Eastern white pine*Pinus strobus*

Owner: University of Notre Dame
Nominator: Big Trees Day Campers
Location: Walsh Hall main entrance
Circumference at 4 1/2 feet: 118.0"
Height: 88.0'
Average Crown Spread: 709.0"
Point Index: 220.77

American plum - No Nominations**Eastern redbud***Cercis canadensis*

Owner: University of Notre Dame
Nominator: same
Location: North of Carroll Hall
Circumference at 4 1/2 feet: 28.0"
Height: 42.0'
Average Crown Spread: 381.5"
Point Index: 77.95

Sassafras*Sassafras albidum*

Owner: Ron and Paulette Fisher
21371 West Ireland Road
South Bend, IN 46614
Nominator: same
Circumference at 4 1/2 feet: 124.0"
Height: 74.0'
Average Crown Spread: 612.0"
Point Index: 210.75

Sycamore*Platanus occidentalis*

Owner: University of Notre Dame
Nominator: Big Trees Day Campers
Location: near grotto
Circumference at 4 1/2 feet: 248.0"
Height: 108.0'
Average Crown Spread: 1,494.0"
Point Index: 387.13

Tamarack - No Nominations**Tulip***Liriodendron tulipifera*

Owner: St. Joseph County Parks
Nominator: Sean Kelly
Location: Bendix Woods County Park
Circumference at 4 1/2 feet: 153.0"
Height: 146.0'
Average Crown Spread: 1,037.5"
Point Index: 320.61

Black walnut*Juglans nigra*

Owner: Ted Dickman
62700 Locust Road
South Bend, IN 46614
Nominator: same
Circumference at 4 1/2 feet: 170.0"
Height: 83.0'
Average Crown Spread: 1,002.0"
Point Index: 273.88

WILLOW...**Peachleaf willow - No Nominations****Black willow***Salix nigra*

Owner: E.L. Markuson
817 East Dubail Avenue
South Bend, IN 46613
Nominator: same
Circumference at 4 1/2 feet: 216.0"
Height: 100.0'
Average Crown Spread: 924.0"
Point Index: 335.25