

# LEAF GUIDE

**36 MAPLE, NORWAY SCHWEDLERI**  
*Acer platanoides schwedleri*  
Cultivar of the Norway Maple. Leaves purple-red. Other features like Norway. 65

**37 MAPLE, RED**  
*Acer rubrum*  
Leaves three to five-lobed, 2" to 6". Leaf stems and twigs reddish. Bark gray-brown. 75

**38 MAPLE, SILVER**  
*Acer saccharinum*  
Deeply cut five-lobed leaves up to 6". Angled, 2" winged samaras. Smooth gray bark becomes scaly. 80

**39 MAPLE, SUGAR**  
*Acer saccharum*  
Five-lobed leaves up to 7". Seed pod with woody cartilage wings. Grayish-brown bark becomes furrowed and plated. 80

**40 MOUNTAIN ASH, EUROPEAN**  
*Sorbus domestica*  
Leaves 7" to 15", long, dark red. Orange-red berries. Bark smooth, grayish brown. 25

**41 OAK, BUR**  
*Quercus macrocarpa*  
Leaves base-fiddle shaped to 5". 1" acorns in fringed cup. Rough, furrowed brown bark. Lower half tree. 80

**42 OAK, PIN**  
*Quercus palustris*  
Leaves pointed, deep-veined to 8", five to six lobes. Many small branches. Acorns in saucer-shaped cup. 25

**43 OAK, RED**  
*Quercus rubra*  
Leaf up to 8" long with up to 11 pointed lobes. Acorns in flat cup. Bark dark gray, ridged. 80

**44 OAK, SWAMP WHITE**  
*Quercus bicolor*  
Leaf oblong about 6" long with pointed rounded lobes. Oval acorns in pairs. Bark dark brown. 75

**45 OAK, WHITE**  
*Quercus alba*  
Leaves 5" to 9" long with rounded lobes. Acorns in bowl-like cup. Bark gray with narrow vertical plates. 100

**46 PERSIMMON**  
*Diospyros virginiana*  
Leaves oblong 2" by 3". Edible orange fruit to 1 1/2". Bark gray-brown in scaly blocks. 80

**47 PINE, AUSTRIAN**  
*Pinus austriaca*  
Needles paired, stiff, brittle to 8". Dense on branches. Cones conical to 3". Bark dark brown, furrowed. 80

**48 PINE, MUGO**  
*Pinus mugo*  
Needles blunt, finely-toothed to 2". Cones oval, 2", solitary or clustered. Bark brownish gray, scaly. 30

**49 PINE, PONDEROSA**  
*Pinus ponderosa*  
Needles rigid in twos or threes to 10". Cones ovoid or clubbed to 6". Bark brown, fissured. 100' (200' in West)

**50 PINE, SCOTCH**  
*Pinus sylvestris*  
Needles paired, yellow-green to 3". Cones 2" to 5". Bark orange-red, scaly. 80

**51 PINE, WHITE**  
*Pinus strobus*  
Needles flexible to 5" in bundles of five. Cones curved, up to 4". Bark dark gray. 100

**52 POPLAR, BALSAM**  
*Populus balsamifera*  
Leaves ovate, pointed, wavy-toothed to 5". Buds sticky and fragrant. Bark brown, becomes furrowed.

**53 REDBUD**  
*Cercis canadensis*  
Leaves broad ovate to 5". Pink flowers appear before leaves. Sigmoid branches. Pods flat to 3". Bark brownish black. 25

**62 WILLOW, WEEPING**  
*Salix babingtonii*  
A native of China. Broad rounded crown with pendulous branches. Narrow lanceolate leaves to 4". Bark dull brown, furrowed. 75

**61 WALNUT, BLACK**  
*Juglans nigra*  
Compound leaves to 24", with 15 to 23 leaflets. Spherical green fruit, woody corrugated shell. Bark dark brown, furrowed. 100

**60 TULIPTREE**  
*Liquidambar styraciflua*  
A large, fast-growing tree. Leaf tulip-shaped to 8". Flowers tulip-shaped to 2". Bark grayish-brown, ridged. 125

**59 SYCAMORE**  
*Platanus occidentalis*  
A large tree. Leaf three to five-lobed to 8" wide. Globular fruit pendants to 1 1/2". Canopy white. Bark on upper tree. 100

**58 SWEETGUM**  
*Liquidambar styraciflua*  
Leaf lance-like with four to seven lobes. Bark like globular fruit to 1 1/2". Winged twigs. Bark grayish brown, furrowed. 100

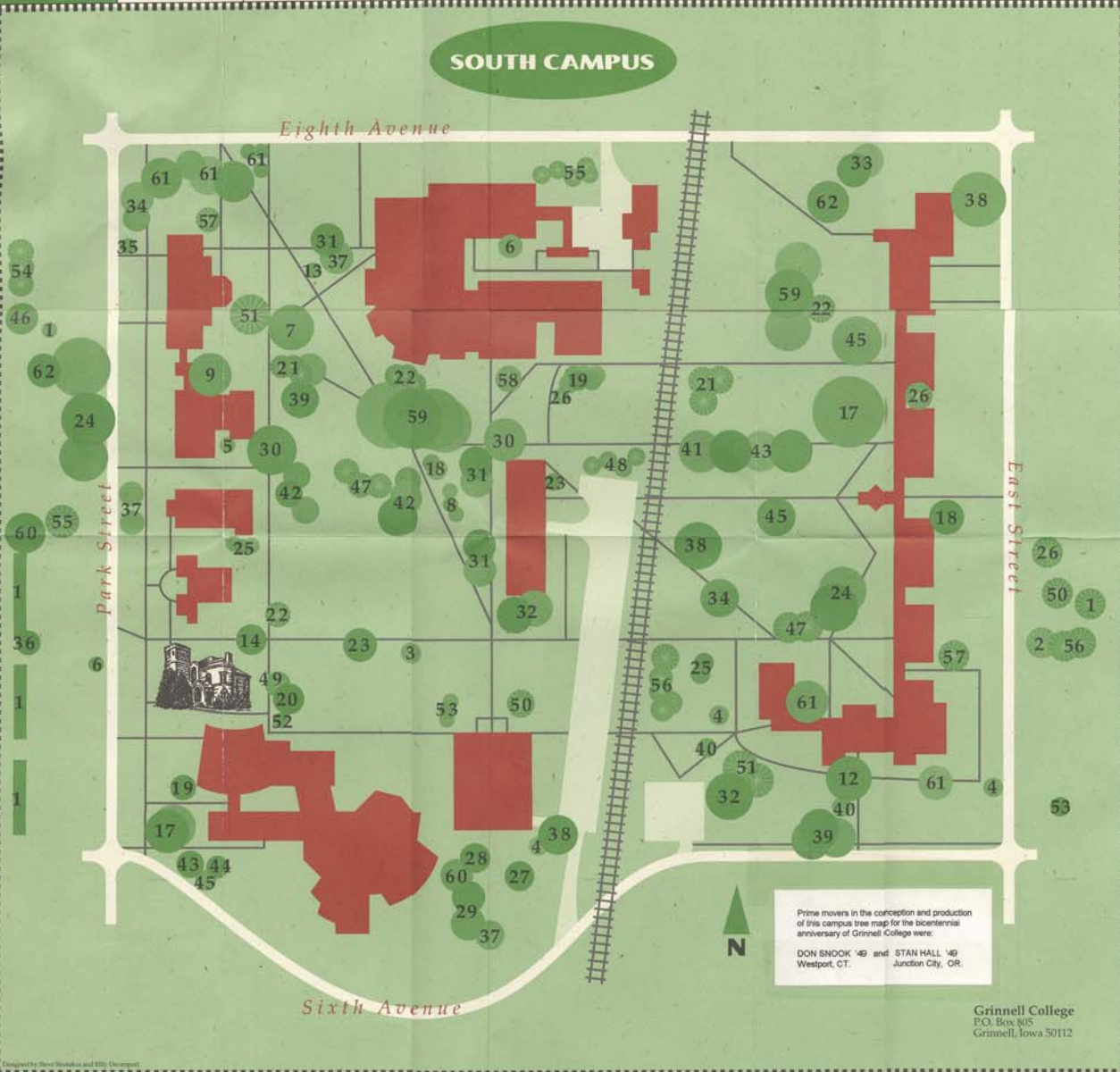
**57 SPRUCE, WHITE**  
*Pinus glauca*  
Needles stiff, 1" long, on upper part of branch. Cones cylindrical 4" long. Bark scaly, bluish. 100

**56 SPRUCE, NORWAY**  
*Pinus borealis*  
Needles stiff, 1" long, on pendulous branches. Cones to 7" long. Bark thin, grayish brown. 100

**55 SPRUCE, COLORADO**  
*Pinus peucephylii*  
Needles prickly, 1 1/2" long, dull green to silvery white. Cones cylindrical to 4". Bark orange-brown. 60' (150' in West)

**54 RED CEDAR, EASTERN**  
*Juniperus horizontalis*  
Scale-like leaves in overlapping ranks. Tiny blue cones. Fragrant wood. Bark fibrous, gray to reddish brown. 30

## SOUTH CAMPUS



Prime movers in the conception and production of this campus tree map for the bicentennial anniversary of Grinnell College were DON SNOOK '46 and STAN HALL '46 Westport, CT. Junction City, OR.

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"Trees are Time Made Visible"



# Tree Guide

# Grinnell College

This guide to Grinnell College's trees lists and locates more than two-thirds of the 90 tree species found on north and south campuses. At least one sample of each species now bears a numbered brass tag. Each number corresponds to one on the perimeter of this brochure where the leaf is illustrated and the tree described. The average mature height is also listed. The round tag can be found on the south or 6th Avenue side of the tree trunk at a height of about eight feet. Where there are several specimens of the same species in the adjacent area only one bears a tag.



The maps on the front and back of this brochure cover the main campus between 10th and 6th avenues on the north and south, and East and Park streets on the east and west. A few outstanding specimens on the west side of Park Street and the east side of East Street are also presented. Circles bearing the designated numbers, with circle-size related to the size of the tree, appear on each of the maps to aid in locating the various species. Because there are more than 1,000 trees on campus, only a small percentage appear on the map. All the principal species, however, are represented.