



# Delton Kellogg Scavenger Hunt

Courtesy of BSA Troop 108 Eagle Project

## Location:

Delton Kellogg School Campus, Delton MI

## Explanation:

In this scavenger hunt you will be hunting for 22 different species of plants located throughout the Delton Kellogg School campus. Each plant will be marked with a post with a number on it. You will need to identify the plant by assigning the letter next to the set of clues that best fits the plant at the post.

## Objective:

To correctly identify all 22 plants marked throughout the trail.

## Materials:

- Writing utensil
  - Map (provided at trail or downloaded from internet)
  - Set of Clues (provided at trail or downloaded from internet)
  - Answer Key (provided on map or downloaded from internet)
- (Also watch out for poison ivy along the trail. It has three leaves and is a vine. Down below is a picture of what it looks like.)



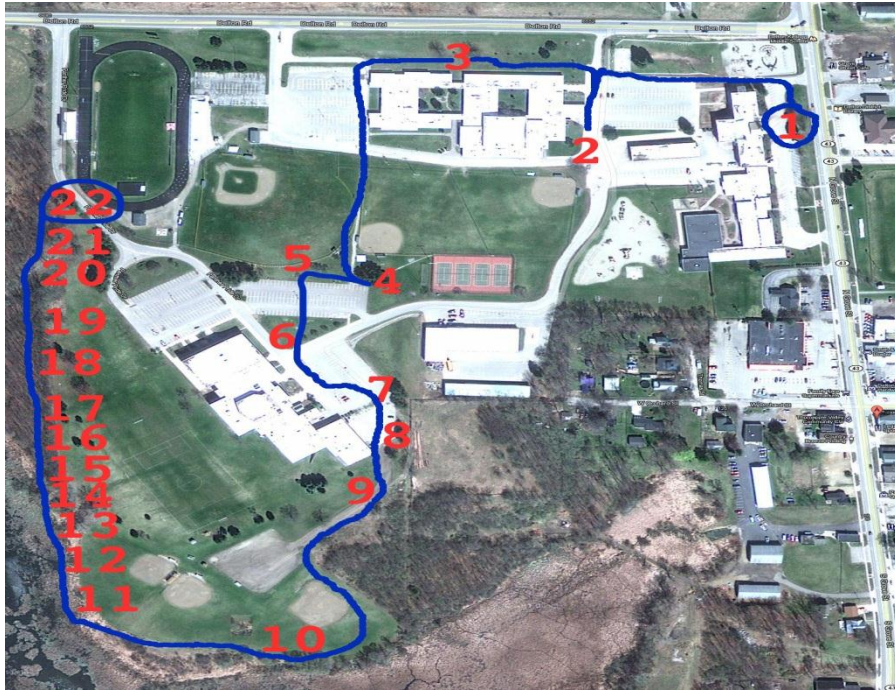
Web Site Link: <http://troop108.us>

S- Mulberry Tree: These tree's leaves have an alternate growing pattern, are 7-14cm long, and have a finely serrated margin coming to a point at the end. The bark on this tree is a grey brown color and has vertical fissures on its surface. This tree produces purple raspberry like fruit.

T- Honey Locust: The leaves on this tree are 1-2cm long and a bright green color. The bark on this tree is a brown color and is smooth with breaks in the bark over the tree. This tree produces a flat, bean like pod that is usually 15 to 20cm wide.

U- Schwedler Maple: This tree has leaves with pointed lobes, and the tips of these lobes produce a fine hair. The bark has small criss-crossing grooves and a brown-grey color. This tree has helicopter style seeds.

V- Sassafras: This tree's leaves can be one of three shapes, a single leaf shaped as an oval, a leaf with a lobe coming off of one side only (like Michigan/a glove), and a three lobed variant with two distinct lobes growing in a similar shape to the middle one. The bark on this tree is a grey color and has a scaly pattern. This tree produces a dark black-blue fruit about 1cm long that contains one seed.



Answers: 1-N, 2-U, 3-T, 4-K, 5-O, 6-H, 7-B, 8-S, 9-R, 10-I, 11-L, 12-M, 13-C, 14-D, 15-V, 16-P, 17-G, 18-A, 19-Q, 20-J, 21-F, 22-E

## Scavenger Hunt Clues

A- Wild Cherry: This tree can be identified by its very distinctive thick horizontal stripes running up the grey brown bark of the tree. The leaves are an ellipse shape and are a papery green color. These trees produce cherries as their fruit.

B- White Pine: This tree has flexible, 2-5 inch long, light to mid green needles that grow in bundles of five. The cones that this tree produces are slender; 3-8 in long have rounded scales, and are a light brown color. The bark is very rough and a grey brown color. The white pine is also the Michigan state tree.

C- Multiflora Rose Bush: This rose bush has green stems and curved thorns. The leaves are oval shaped, waxy, come to a point at the end, and are slightly serrated. The flowers of this plant are white and grow in clusters.

D- Red Maple Tree: The red maple is a deciduous tree, with mid to dark green leaves. The leaves are also triangle shaped with two triangle shaped protrusions coming off of both sides. The leaves are also slightly serrated. The bark of the tree is a pale grey when it is younger, but gets to be a darker grey and cracks slightly when it is older. This tree produces helicopter style seeds.

E- Hickory: This is a young tree with few branches and smooth bark. The leaves are a waxy green color, ellipse shaped, and grow in groupings. This tree produces chestnuts as its seeds.

F- Green Ash: This tree is young and will display a smooth grey bark, turning very thick and fissured as the tree gets older. The leaves are both green on the top and bottom and are placed in a pattern with usually 7-9 leaves, one being placed at the tip of the branch and the rest going down the branch in pairs of two. This tree produces helicopter style seeds.

G- Buck Cherry: This tree has a plated look to its brown grey bark and has pointed oval shaped leaves. This tree produces cherries as their fruit.

H- Crabapple Tree: This tree has reddish brown bark, oval shaped green leaves, and can be easily identified by its small hard cherry like fruit.

I- Milkweed Plant: The milkweed plant is usually 1-2 m tall. All parts of this plant produce a white latex substance when broken. The leaves on the plant are 7-25cm long and oval shaped with a rounded end. The leaves are also green with a silvery color on the bottom, and a red colored main vein. This plant produces large pods that enclose their seeds.

J- Raspberry Bush: This vine bush has a purple tint to its vines. It grows thorns on its vines and will grow a black multicelled berry.

K- Red Pine: The red pine's bark is a thick grey brown except in the upper crown, where it is flaky and bright red orange. Some of the red color can be seen in the fissures of the bark. The needles are dark green, found in clusters of two and are from 12-18cm long, and are brittle. The cones are symmetrical and grow to be about 4-6cm long.

L- Willow: these trees have a characteristic hanging vine look to their leaves and have a dull brown and deeply fissured bark. The seeds on this tree grow in pods with multiple seeds in a pod.

M- Box Elder/Ash Leaf Maple: The bark on this tree is pale gray or light brown, deeply cleft into broad ridges, and scaly. There are usually three leaves growing off of one stem, and grow from 5-10cm long and 3-7cm wide. The middle leaves are serrated at the end and the two side leaves have a pronged look and are a translucent light green color. This tree has helicopter style seeds.

N- Blue Spruce: The needles grow around 1in long and are a green blue or a dull grey green color and are sharp. The cones grow from 2-4in long, have flexible scales that grow in a wavy pattern and are pale brown in color. The bark is thin and grey with vertical furrows.

O- Apple Tree: These trees grow a green apple fruit on their scraggly branches. They have a dull grey brown bark that has shallow fissures vertically on the bark. Apple blossoms are the Michigan state flower.

P- Black Oak: The leaves of the black oak are arranged on the twig alternately and are about 4-8in in length. The top part of the leaf is a shiny deep green and the bottom part is yellowish-brown. The bark is a grey brown color and has rough vertical fissures running up and down on it. This tree produces small acorns that are almost as wide as they are long.

Q- Hawthorn: This is a short shrub like tree with a grey bark and random scraggly placed branches. This tree also has large thorns that grow on its branches and trunk. This tree's fruit is a very dark purple apple sphere shape and is about one centimeter across.

R- Siberian Elm: This tree has a rough grey bark that has many fissures on it. The leaves are a green color, with serrated edges, and a waxy top. This tree produces flat, green, leaf like seeds that grow in clusters.