

GeoSearch 2011

In celebration of *Earth Day* the National Capital Wildlife Festival presents GeoSearch 2011. Use a GPS (either mobile or walk) and follow the below coordinates to locate the trees listed. You should give yourself 1.5 to 2 hours depending on how long you take to enjoy the park, which is encouraged.



CIRCLE WALK:

1) _____

Coordinates: N 45° 23.515 / W 75° 42.284

What is this tree's, Latin name? _____.

(hint) Also known as Eastern Larch and Hackmatack. This tree has two distinct patterns of needles on the same branch: single-spaced on long shoots and in tufts on short shoots. The soft needles turn yellow before falling in autumn.

2) _____

Coordinates: N 45° 23.474 / W 75° 42.301

What holiday is this tree associated with? _____.

(hint) This tree has green needles grow flat on twigs. Both male and female cones appear on the same tree in early summer.

3) _____

Coordinates: N 45° 23.465 / W 75° 42.315

What family is this tree from? _____.

(hint) This tree is the provincial tree of Ontario. Needles are long, soft and in bundles of five.

4) _____

Coordinates: N 45° 23.465 / W 75° 42.264

How far South can you find this tree? _____.

(hint) This tree has hanging clusters of male flowers (catkins) in spring and green lime-sized nuts that turn brown in fall. Leaves are alternate.

MAPLE WALK:

5) _____

Coordinates: N 45° 23.423 / W 75° 42.337

Mature trees have what kind of bark? smooth or rough (circle one)

(hint) The leaves of this tree have three major lobes, long reddish stalks and hairy veins at the leaf base. Red, winged seeds hang in clusters; twigs are reddish. In fall, foliage is spectacularly red.

WINDBREAK WALK:

6) _____

Coordinates: N 45° 23.474 / W 75° 42.421

Why has this tree been given its name? _____.

(hint) This tree has very shaggy bark. Long, male catkins appear before the leaves are fully open. Light grey nuts fall off the tree in fall.

7) _____

Coordinates: N 45° 23.545 / W 75° 42.446

In what Atlantic province is this tree found? _____.

(hint) This tree is the provincial tree of Quebec. It has thin, yellow-bronze, smooth bark with small horizontal curls. In spring it has long, yellowish male catkins; in late summer, upright female catkins disperse small winged seeds.

TWO BRIDGES WALK:

8) _____

Coordinates: N 45° 23.449 / W 75° 42.192

How has this tree been damaged? _____.

(hint) This tree is an erect, straight tree with thin, smooth, grey bark. Male flowers are round; female flowers are spikes of two to four; a shiny, brown, triangular nut is enclosed in a spiky husk and falls in September

9) _____

Coordinates: N 45° 23.416 / W 75° 42.146

What kind of land do these tree's prefer? _____.

(hint) This tree has bright yellow twigs in early spring. The leaves are long and narrow with a dark outer and lighter inner surface. The bark is thick, coarse and has deep furrows.

SOUTHERN WALK:

10) _____

Coordinates: N 45° 23.262 / W 75° 42.168

What is this tree's Latin name? _____. (note: sign here is different then others)

(hint) This tree has alternate, leathery, dark green leaves on top and pale underneath. Seeds are released in early summer in seed capsules attached to white silky hairs.

11) _____

Coordinates: N 45° 23.291 / W 75° 42.230

Where did this tree get its name? _____.

(hint) This tree has large thorns, clusters of perfect white flowers in spring and glossy, leathery leaves, with bright red berries in summer.

CAMPUS WALK:

(please note, this location is across Prince of Wells, so be wary with kids and traffic)

12) _____

Coordinates: N 45° 23.441 / W 75° 42.520

What kind of nut does this tree produce? _____.

(hint) This tree has large leaves with seven leaflets, narrow at the base becoming larger and rounded at the tip. Big, upright clusters of white flowers appear when leaves are fully developed which produce large, rounded nuts in spiky husks.

Acknowledgement:

Reference material was used from the following book and can be purchased at the Arboretums gift shop during business hours.

"For the Love of Trees" by Richard Hinchcliff and Roman Popadiouk