



## Trees and Forest Diversity

Weaselhead Field Trip Student Worksheets

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Take the temperature at the top of the hill before you walk down the hill.  
It is \_\_\_\_\_ °C

1) What kind of native trees are found in the Weaselhead?

### Tree Type 1

This tree is a \_\_\_\_\_ tree.

Does it have cones or catkins? \_\_\_\_\_

Why does the tree produce cones or  
catkins? \_\_\_\_\_

### Tree Type 2

This tree is a \_\_\_\_\_ tree.

Does it have broad, flat leaves that fall off in winter?

Is this tree deciduous?

### Tree Type 3

This tree is a \_\_\_\_\_ tree.

Does it have cones and/or needles? \_\_\_\_\_

Is this tree coniferous?

2) Look at a tree that has fallen. Can you see the outer bark, xylem, phloem and heartwood?

3) Take the temperature in this riverine forest. It is \_\_\_\_\_ °C  
How does it compare it to the temperature taken at the top of the hill?

4) In the Weaselhead there are a number of **shrubs**. Can you name two of the  
native species?

Shrub a) \_\_\_\_\_ Shrub b) \_\_\_\_\_

## Tree Study

In groups, you will be assigned an individual tree. Observe your tree closely and take time to look for evidence of other living things in, on, or around your tree.

You may be asked to share with the class something interesting or unique about your species of tree.

Fill in the chart below.

**Name of Tree:** \_\_\_\_\_

Height (estimate)			
Width of widest branches (estimate)			
Circumference of trunk (actual, with tape measure)			
Age of tree ( a rough guideline is 1 cm of circumference = 1 year's growth)			
Living things associated with your tree (moss, lichen, fungi, galls, insects)			
Are there any young trees associated with your tree that may have grown from the seeds or roots? Are they suckers?			
Are there plants that grow in the shade of your tree? What species are they?			
Describe how the tree affects the light, temperature or moisture under your tree?	light	temperature	moisture
Does your tree look healthy? If not, why not?			

## Weaselhead Tree Detective

Directions: Draw a picture of your tree in the middle of the circle. Draw and describe each characteristic of the tree in the space provided. Use the sheets provided to your group to help.

