Forest Sustainability
Forest Inventory

Date: _____

Group Names: _____

AIM: To study the diversity of trees which occupy a forest stand.

1. **Tree Species:** *Monocultures are very susceptible to natural disturbances like insect infestations, disease outbreaks, windstorms, fires, etc. As a result, a forest will be more stable if it is diverse in species and age.*

Tools: Caliper, increment borer, measuring tape, flagging tape

Method: Mark out a random sample (10m x 10m). Identify by species all the live trees that are found within the boundaries of the plot. Select five trees that are average within your plot and determine the age, height and diameter of each one.

Results: Use the table below to record all findings.

Tree Species	Age	Diameter	Height