

# ASSIGNMENT 5

All data in file **Assignment\_5.xls**.

## Data

Sheet "Data" contains four columns: 1) name of sample plot; 2) tree species; 3) tree diameter (cm); 4) tree crosscut area (m<sup>2</sup>).

## Calculate

In fourth column of sheet „Data” crosscut area of each tree ( $g=\pi*D^2/4$ ) in m<sup>2</sup>.

In sheet „Summary”:

- number of trees in each sample plot (function **COUNTIF**, column „N”);
- summ of crosscut areas in each sample plot (function **SUMIF**; column „G”);
- mean diameter of trees in each sample plot (function **AVERAGEIF**, column „D”).

Use function **IF** in column “D” for using function **AVERAGEIF** only if number of trees in sample plot (column „B”) is larger zero.