DATA DOCUMENTATION ON THE ECOLOGY
FOREST PLOT – CAMPAIGNS 2014-2016

Preface

Ecological data are taken only on forest plots (CSA = 1, 2, 3) and not on the poplar grove plots (CSA = 5).

Most of data are taken on a 25m radius circular plot.

Ecological data can be used separately or combined to create indicators. They can also be combined with floristic data.

Exhaustive listing of the raw data

Except if mentioned, all the raw data are collected in the field.

IDP: inventory plot ID
DATEECO: date of the ecological description
OBSDATE: observation on the weather conditions
TOPO: topographic position
OBSTOPO: observation on the topographical survey
PENT2: (maximal) slope of the plot (%)
EXPO: plot exposition (gr)
MASQUE: opposite slope mask (gr)
HUMUS: type of humus
OBSPEDO: observation on the pedological survey
ROCHE: type of bedrock
OBSROC: observation on the rock
AFFROC: rocky outcrops indices
AFPLA: bedrock outcrops indices
CAILLOUX: coarse elements loading
CAI40: coarse elements loading within the first 40cm
TEXT2 – TEXT1: texture of the superior-inferior horizon
PROF2 – PROF1: depth of the superior-inferior horizon
OBSPROF: observation on the survey depth
PCALC: depth of carbonatation formation
PCALF: depth of strong carbonatation formation
POX: depth of oxidation spots formation
PPSEUDO: depth of pseudogley formation
PGLEY: depth of gley formation
OBSHYDR: observation on hydromorphy
TSOL: type of soil
LIGN2 and LIGN2: cover rate of low and high woody vegetation
HERB: cover rate of herbaceous and moss
OBSVEGET: observation on the vegetation survey
OBSCHEMIN: presence of path
OBSRIV: presence of stream
OBSRIV2: presence of hydrographic unit
DISTRIV: distance between the plot and the hydrographic unit
DENIVRIV: height gradient between the plot and the hydrographic unit (modification 2014)
MOUSSE: cover rate of moss