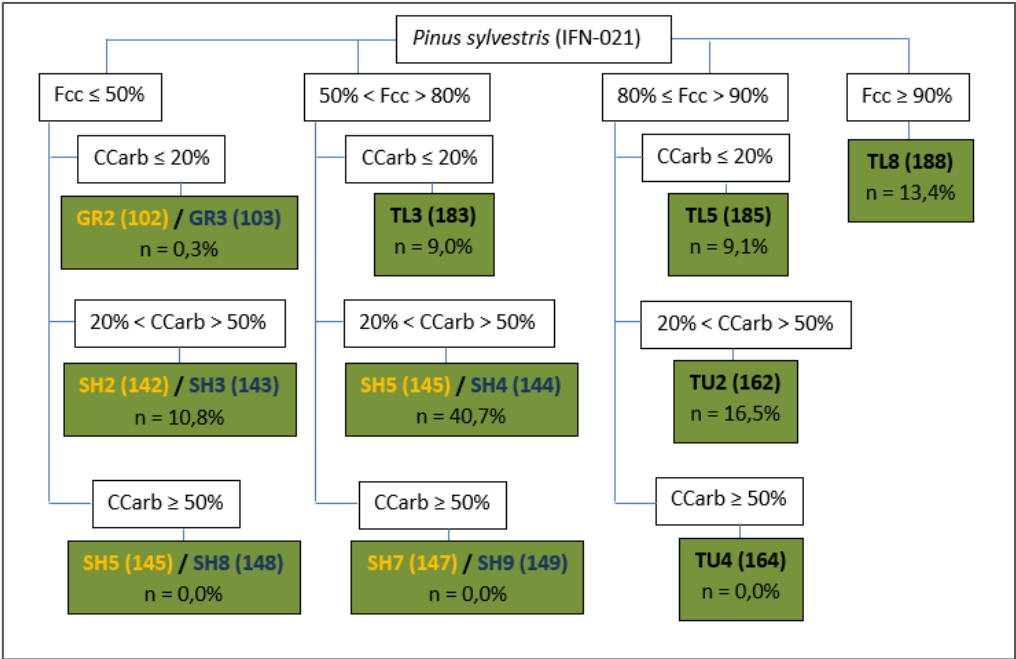


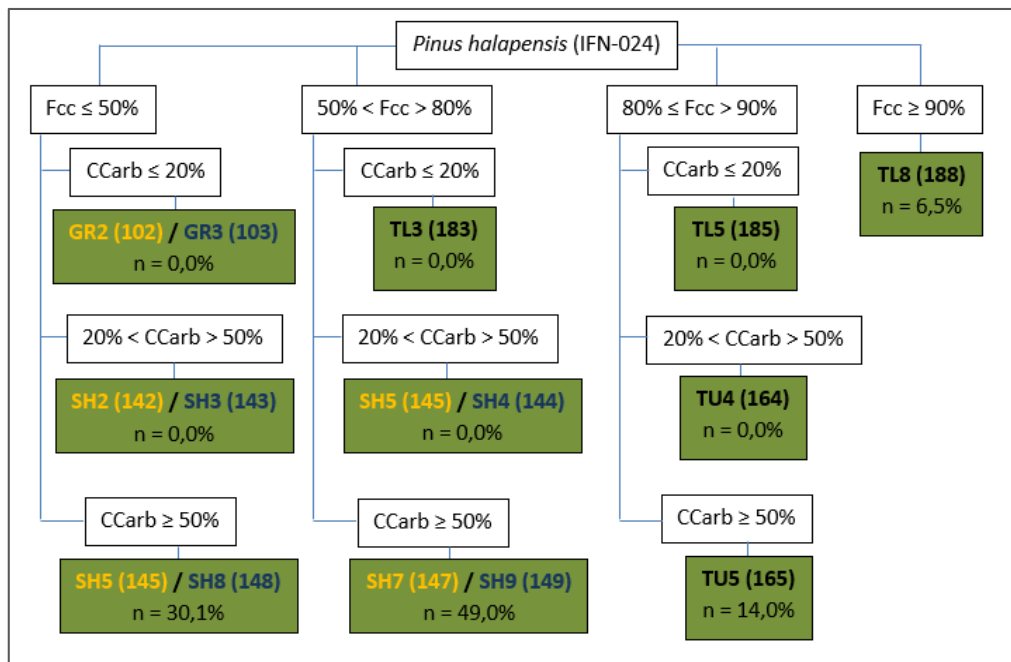
Supplementary Materials

Algorithms used for assignation of the Scott and Burgan model per species/land use types, according to Table 2: Fcc = Forest Canopy Cover; CCarb = Understory Shrub Cover; Yellow colour = model assigned if the pixel is located within the dry area; Blue colour = model assigned if the pixel is located within the humid area; Black colour = model assigned regardless of the area; n = representativeness of the model (% in the total area covered by species).

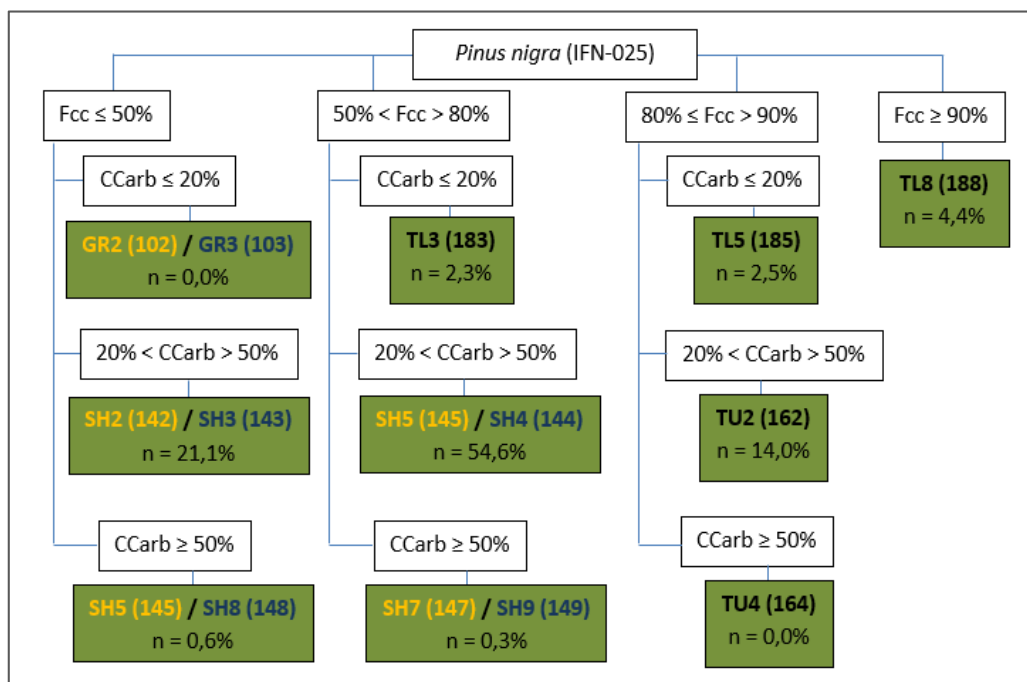
1. Wooded forest area



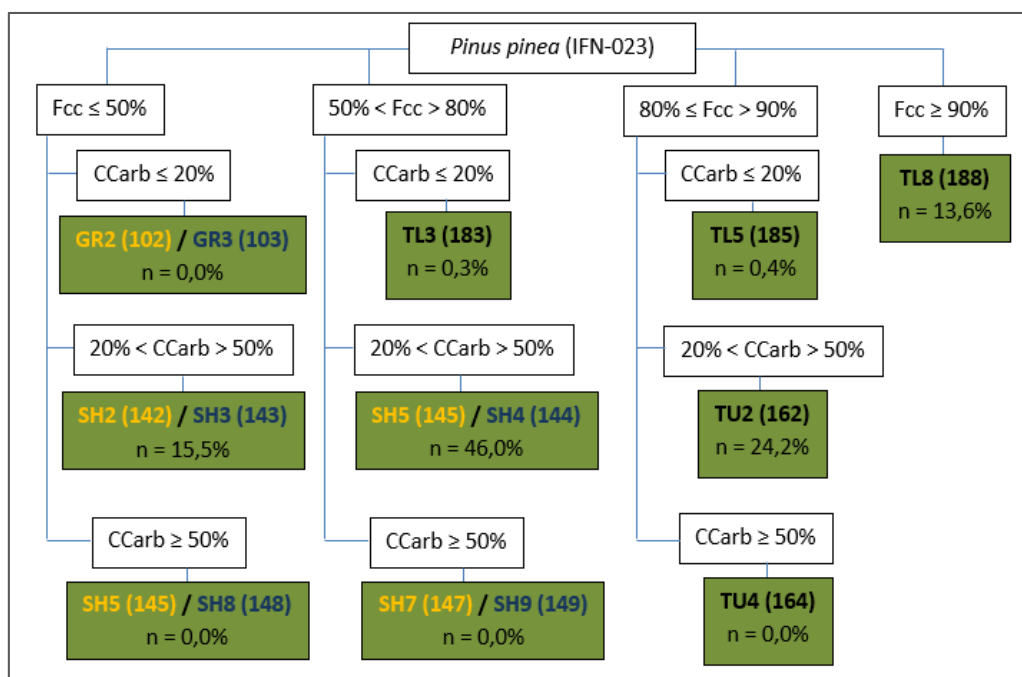
Algorithm used for assignation of the Scott and Burgan [62] model to stands populated by *Pinus sylvestris*



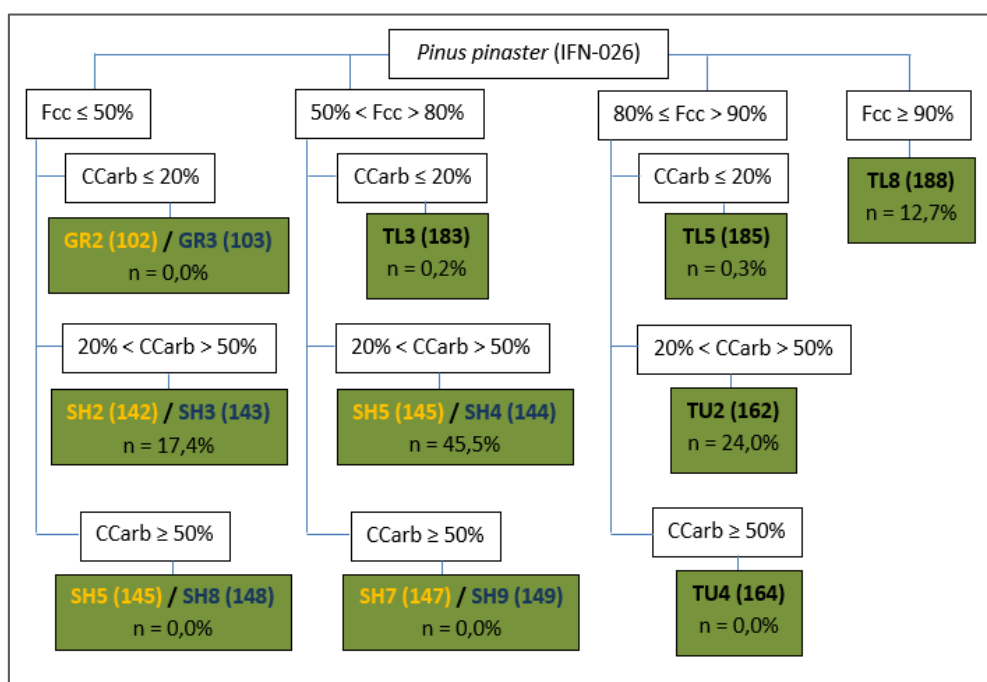
Algorithm used for assignation of the Scott and Burgan [62] model to stands populated by *Pinus halepensis*



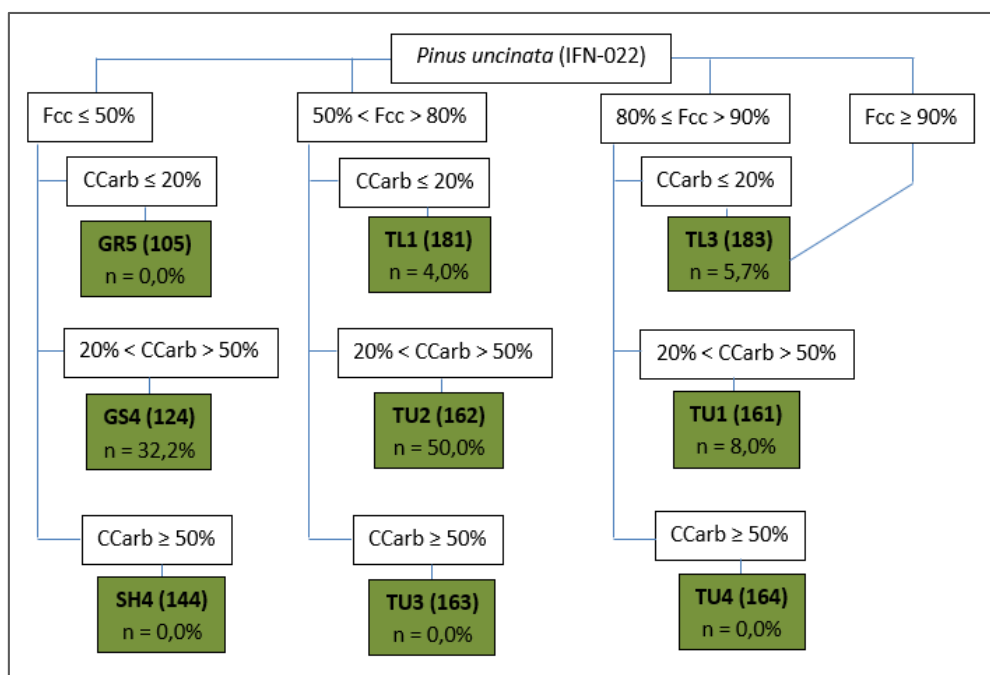
Algorithm used for assignation of the Scott and Burgan [62] model to stands populated by *Pinus nigra*



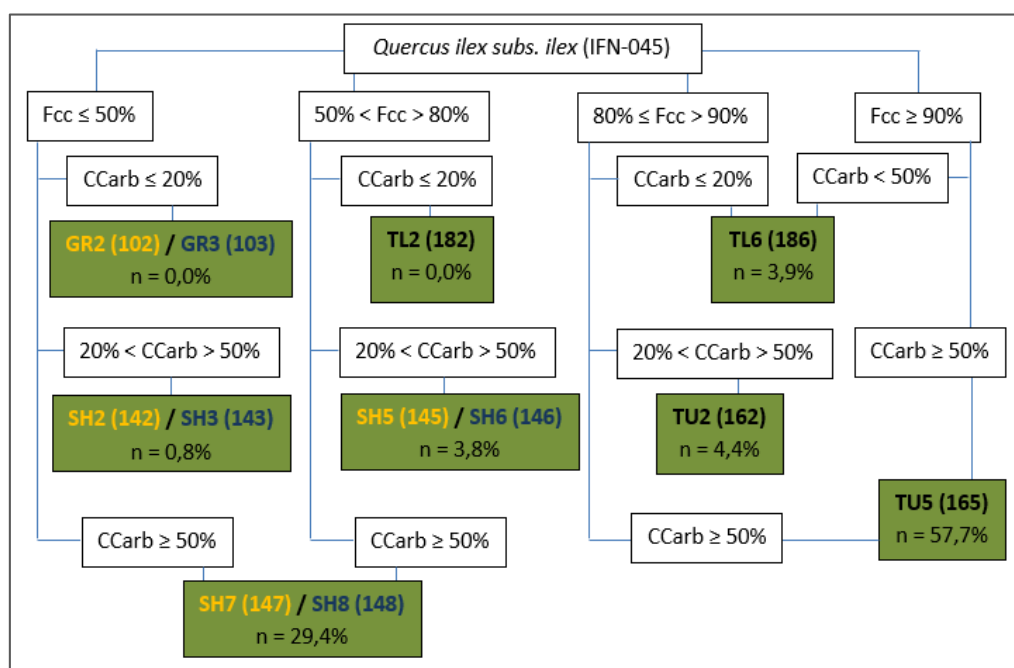
Algorithm used for assignation of the Scott and Burgan [62] model to stands populated by *Pinus pinea*



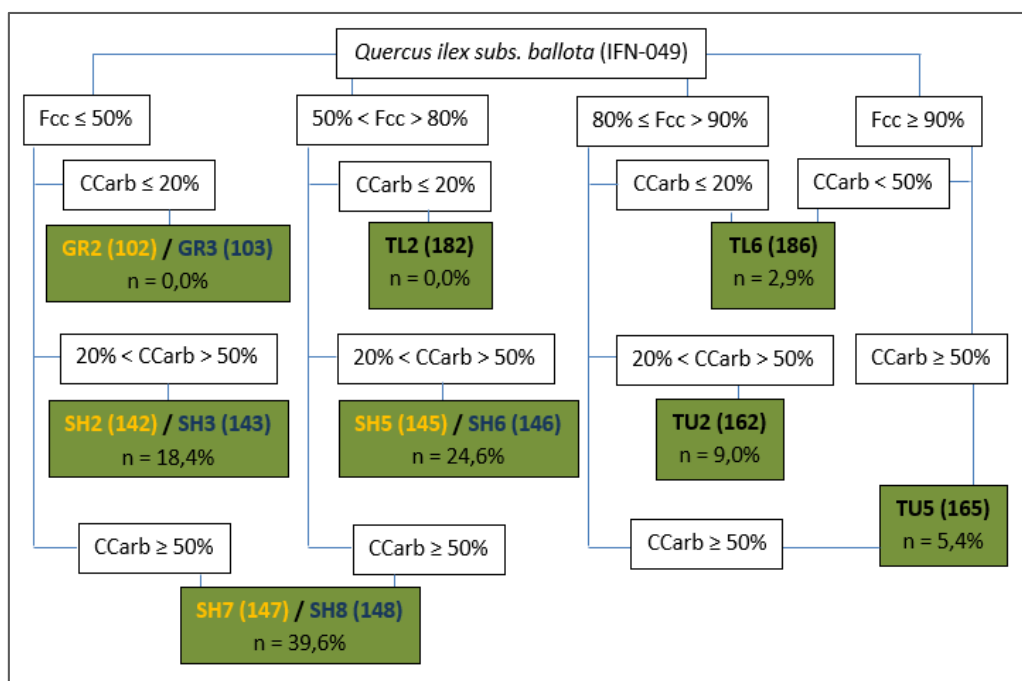
Algorithm used for assignation of the Scott and Burgan [62] model to stands populated by *Pinus pinaster*



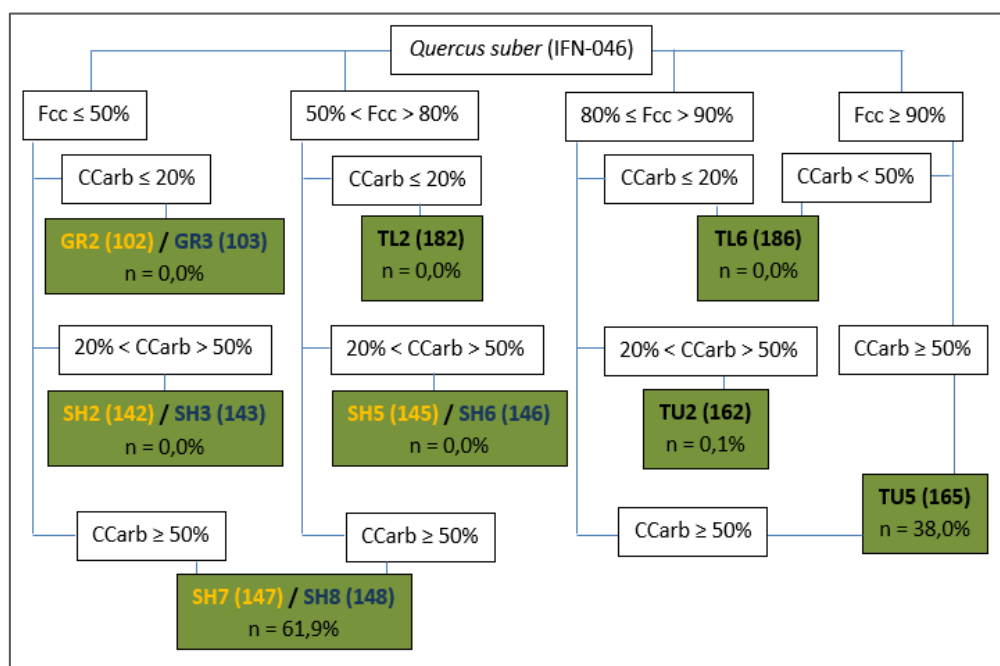
Algorithm used for assignation of the Scott and Burgan [62] model to stands populated by *Pinus uncinata*



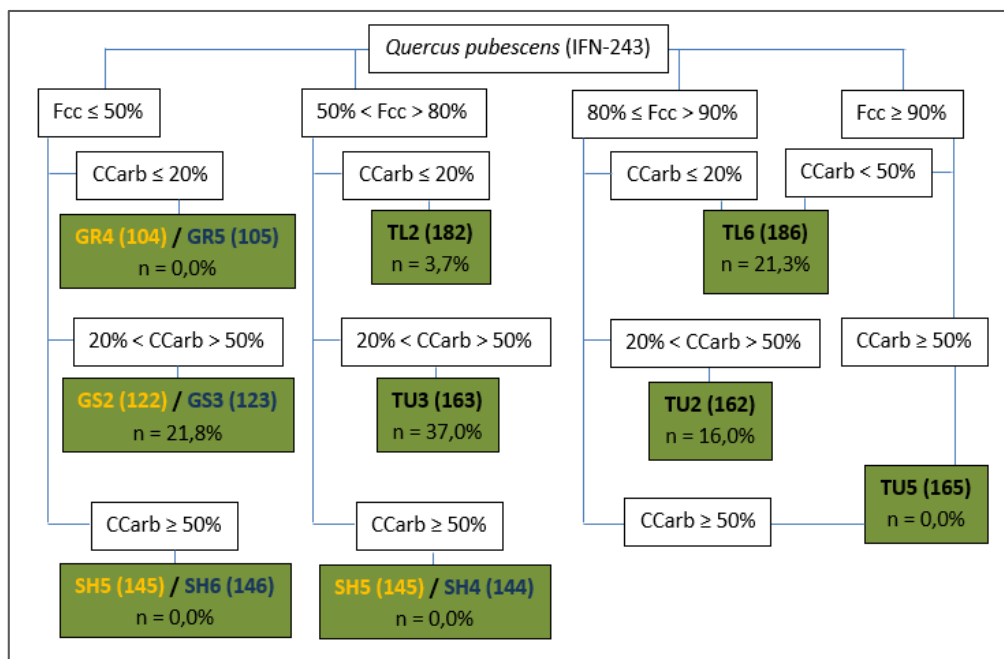
Algorithm used for assignation of the Scott and Burgan [62] model to stands populated by *Quercus ilex ilex*



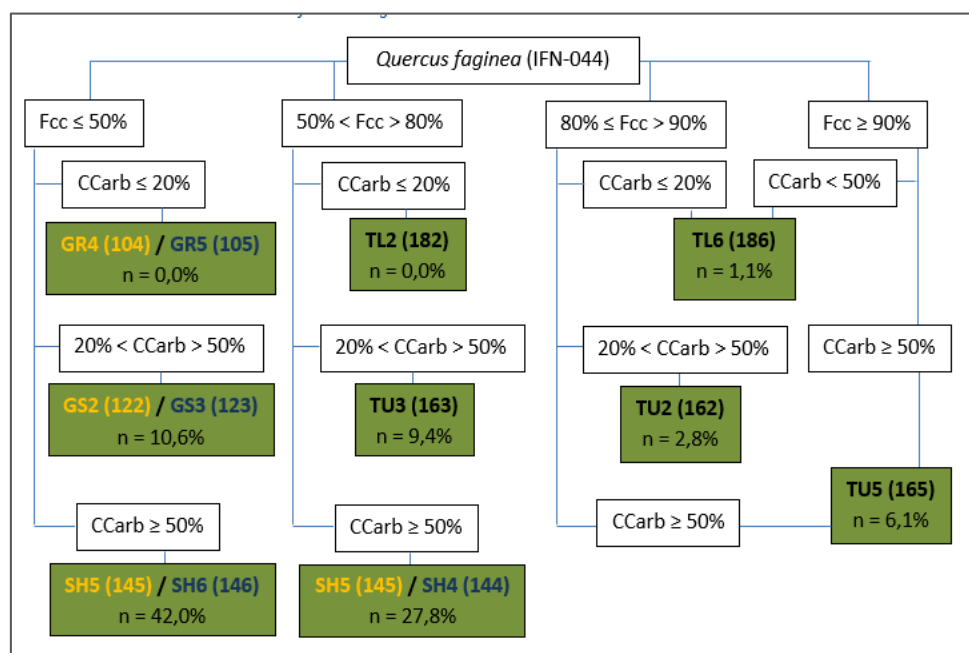
Algorithm used for assignation of the Scott and Burgan [62] model to stands populated by *Quercus ilex ballota*



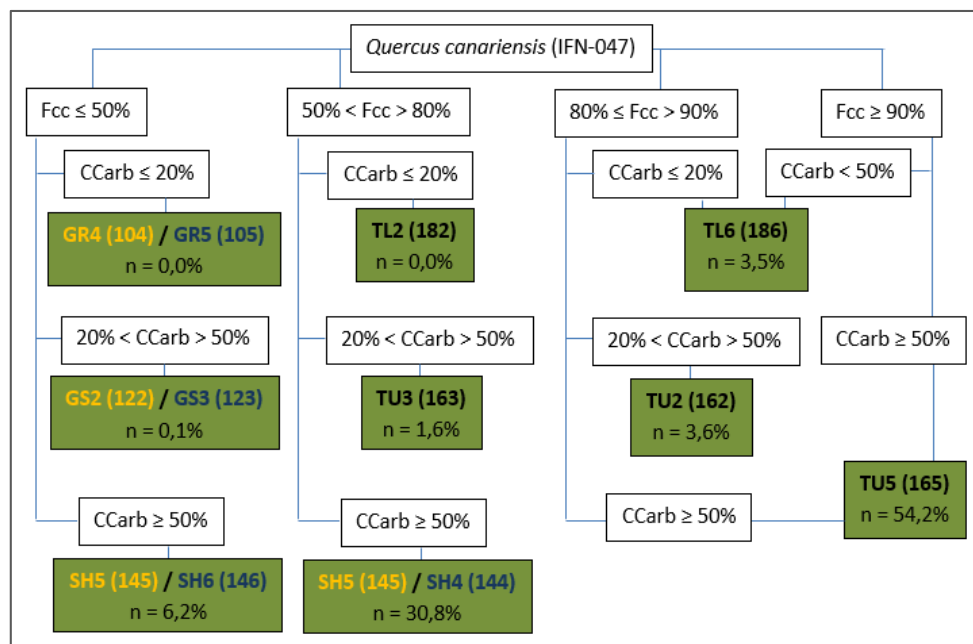
Algorithm used for assignation of the Scott and Burgan [62] model to stands populated by *Quercus suber*



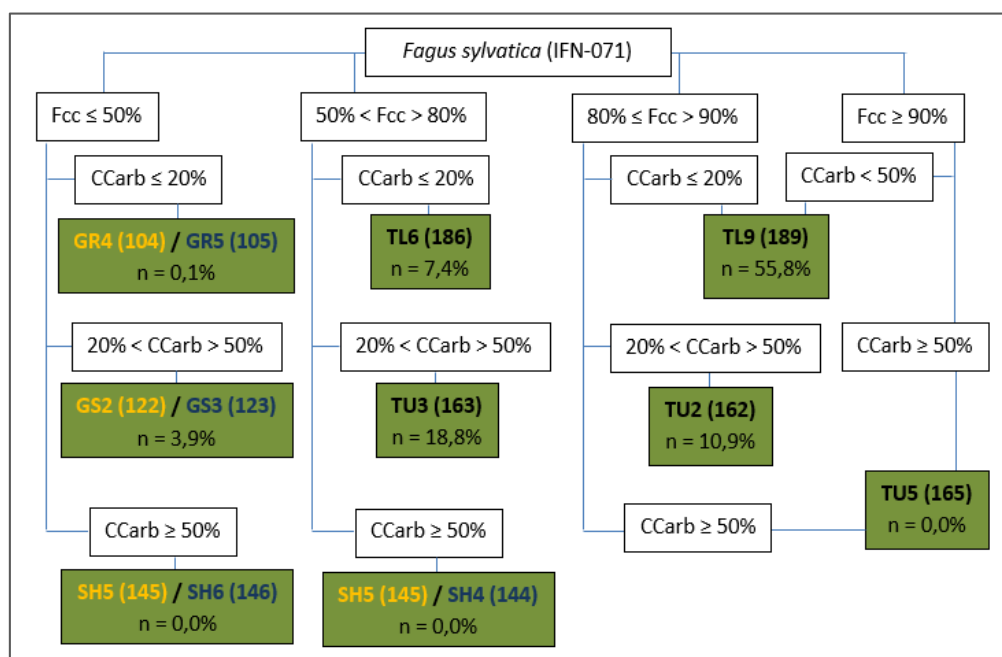
Algorithm used for assignation of the Scott and Burgan [62] model to stands populated by *Quercus pubescens*



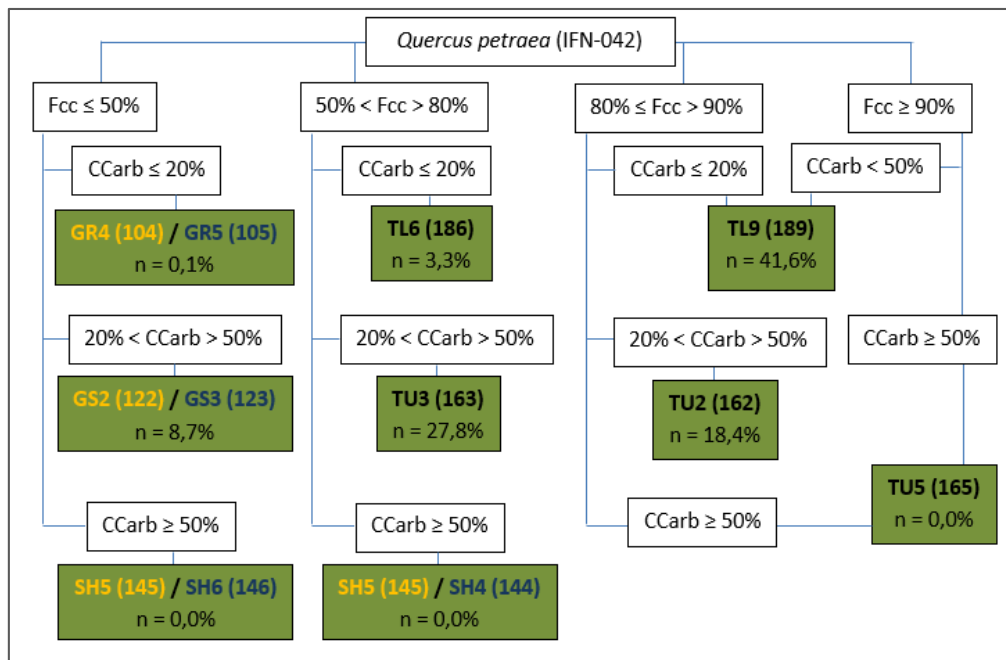
Algorithm used for assignation of the Scott and Burgan [62] model to stands populated by *Quercus faginea*



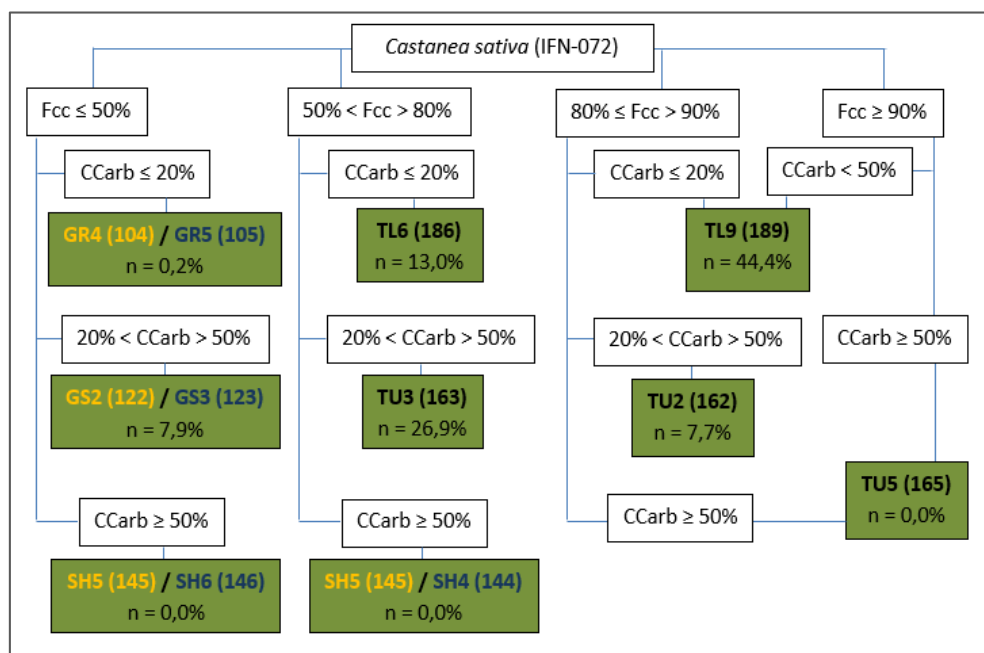
Algorithm used for assignation of the Scott and Burgan [62] model to stands populated by *Quercus canariensis*



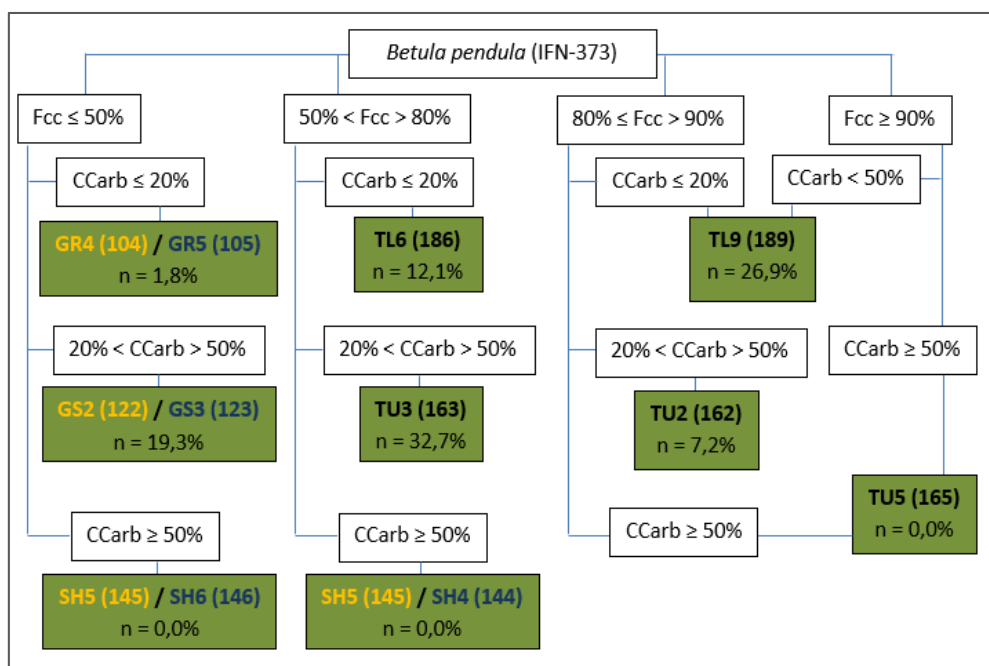
Algorithm used for assignation of the Scott and Burgan [62] model to stands populated by *Fagus sylvatica*



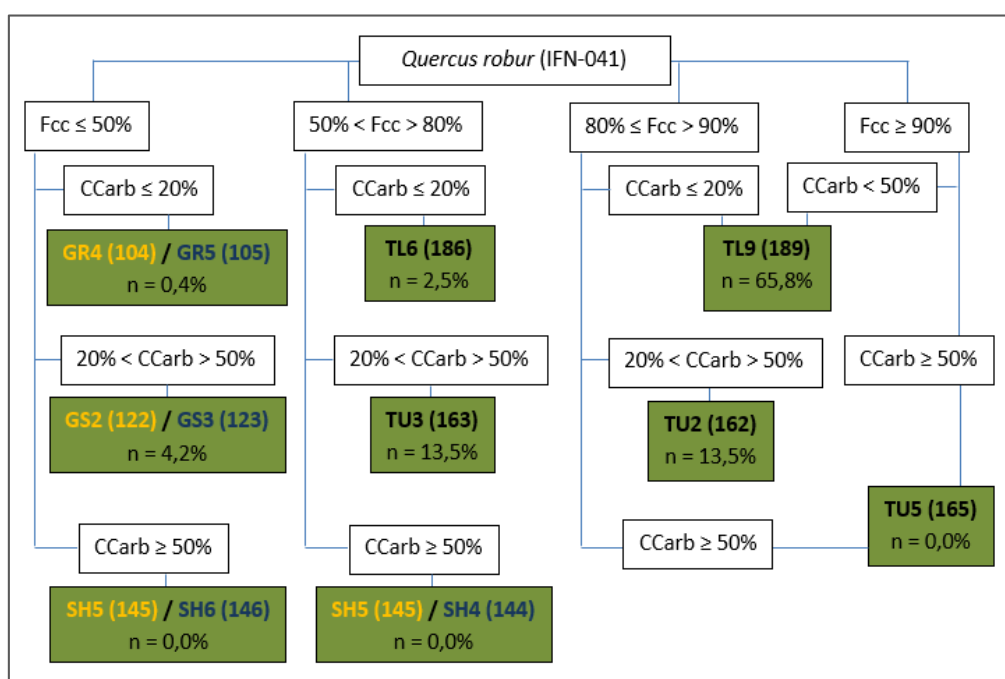
Algorithm used for assignation of the Scott and Burgan [62] model to stands populated by *Quercus petraea*



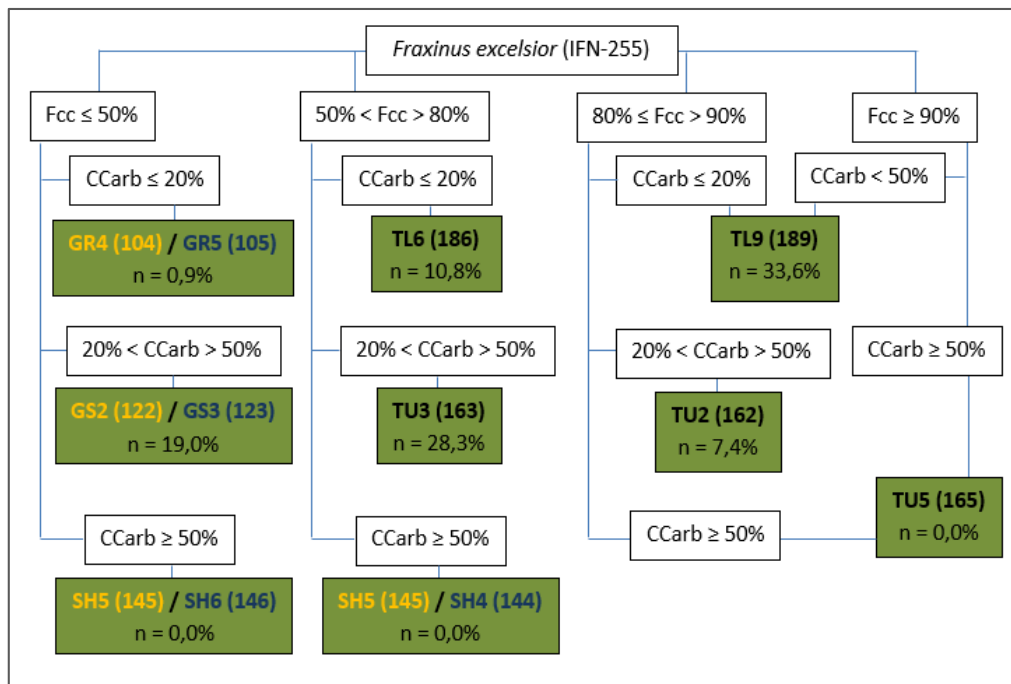
Algorithm used for assignation of the Scott and Burgan [62] model to stands populated by *Castanea sativa*



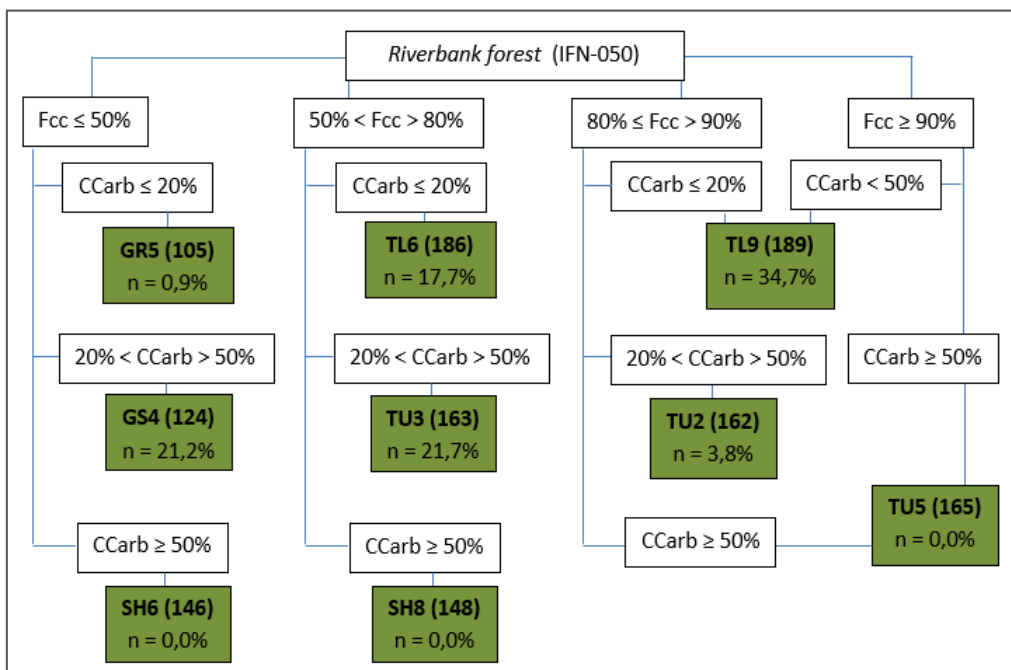
Algorithm used for assignation of the Scott and Burgan [62] model to stands populated by *Betula pendula*



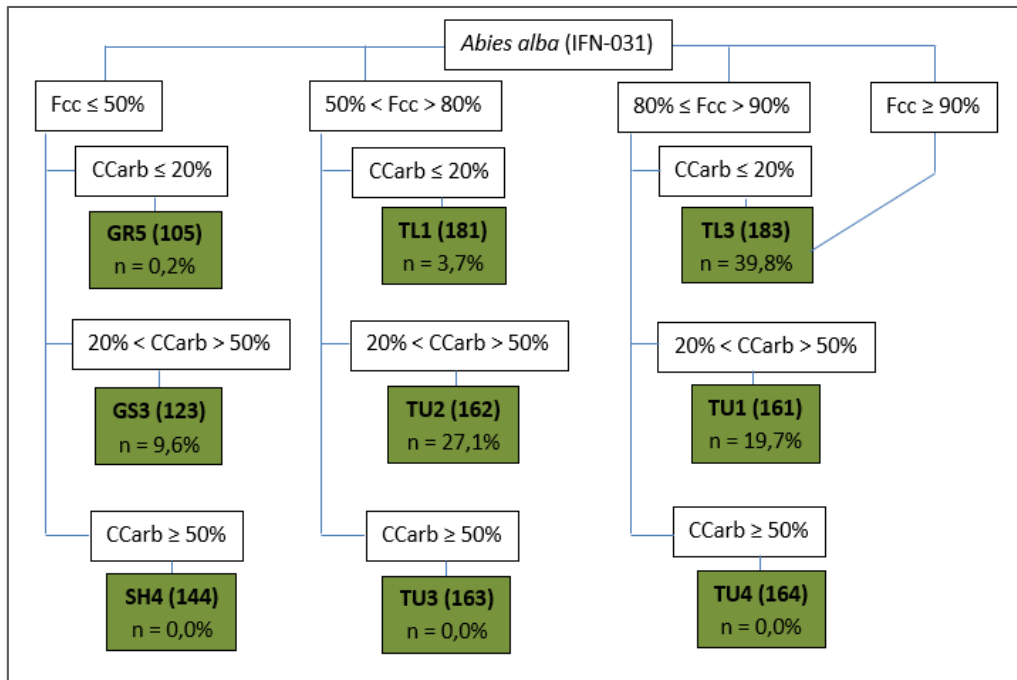
Algorithm used for assignation of the Scott and Burgan [62] model to stands populated by *Quercus robur*



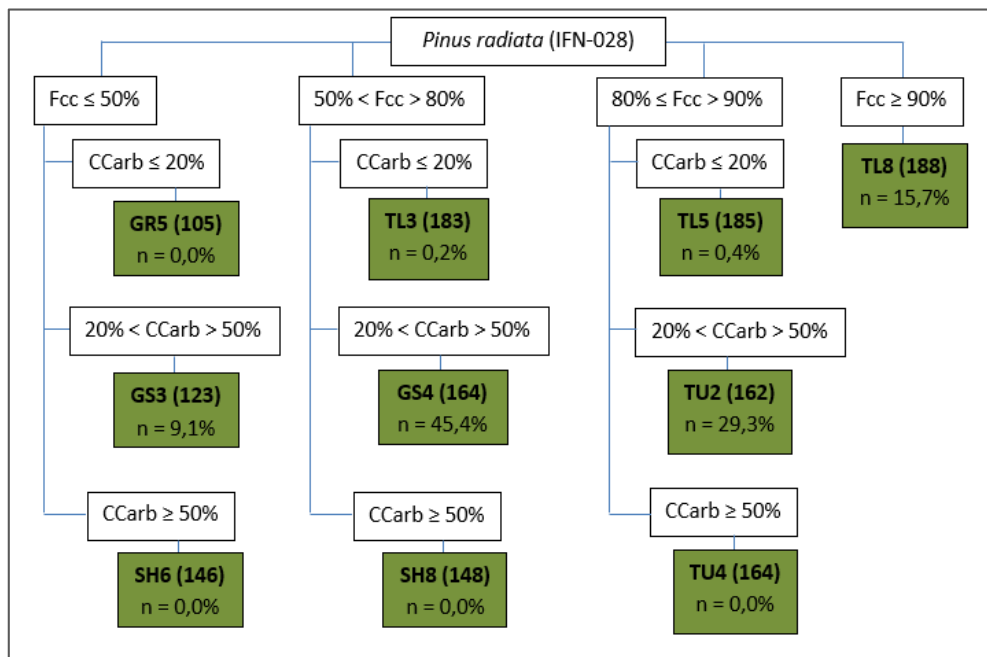
Algorithm used for assignation of the Scott and Burgan [62] model to stands populated by *Fraxinus excelsior*



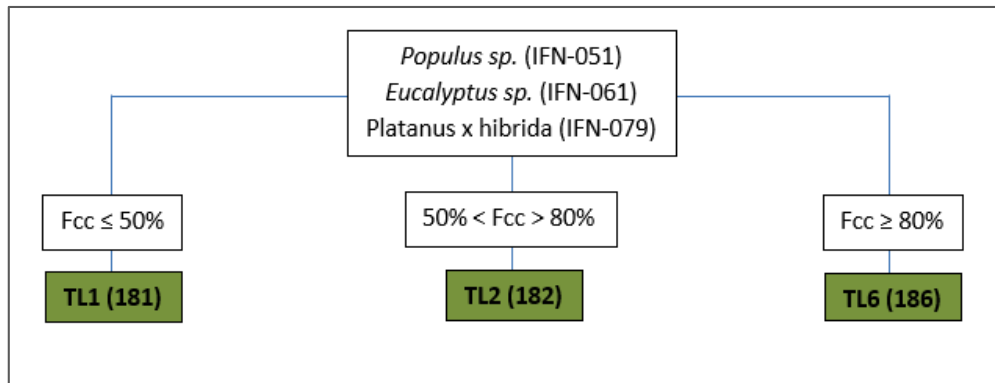
Algorithm used for assignation of the Scott and Burgan [62] model to stands populated by riverbank forest



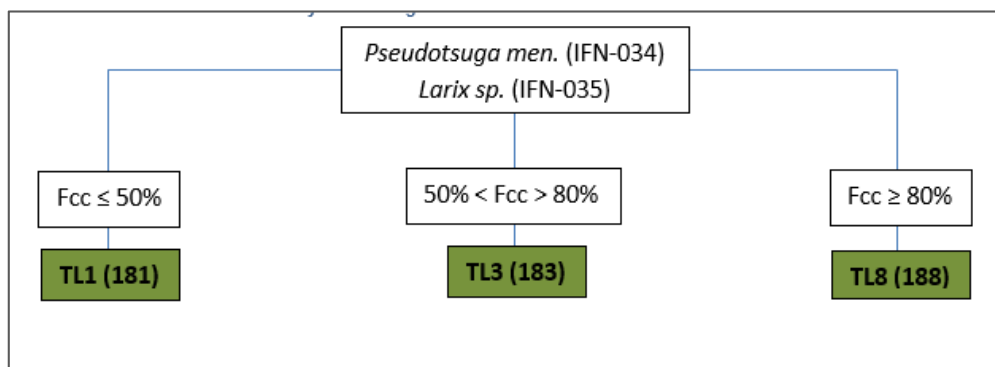
Algorithm used for assignation of the Scott and Burgan [62] model to stands populated by *Abies alba*



Algorithm used for assignation of the Scott and Burgan [62] model to stands populated by *Pinus radiata*

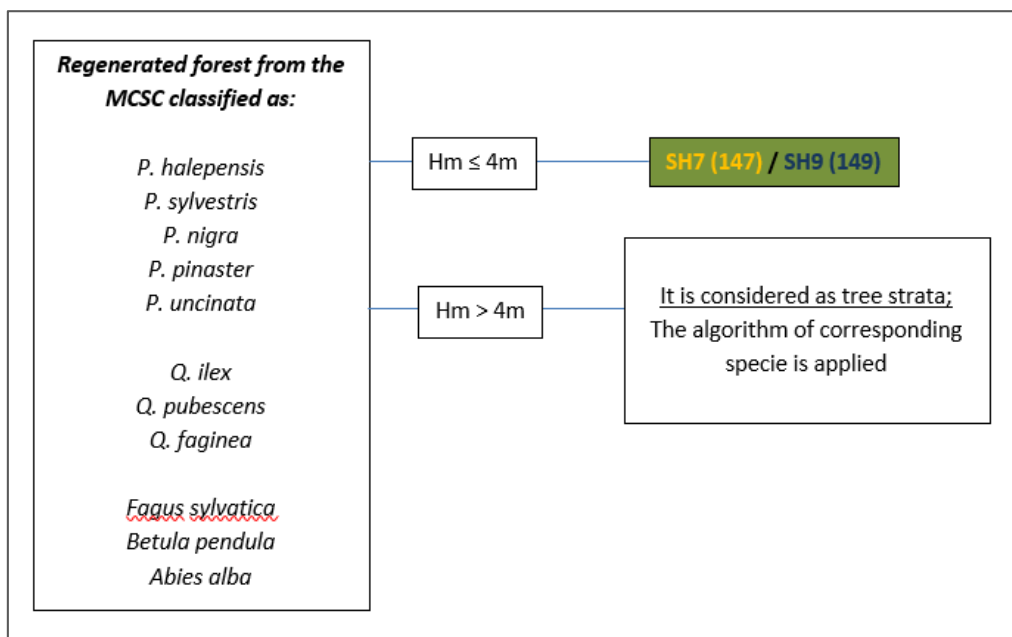


Algorithm used for assignment of the Scott and Burgan [62] model to stands populated by *Populus sp.*, *Eucalyptus sp.* or *Platanus x hybrida*



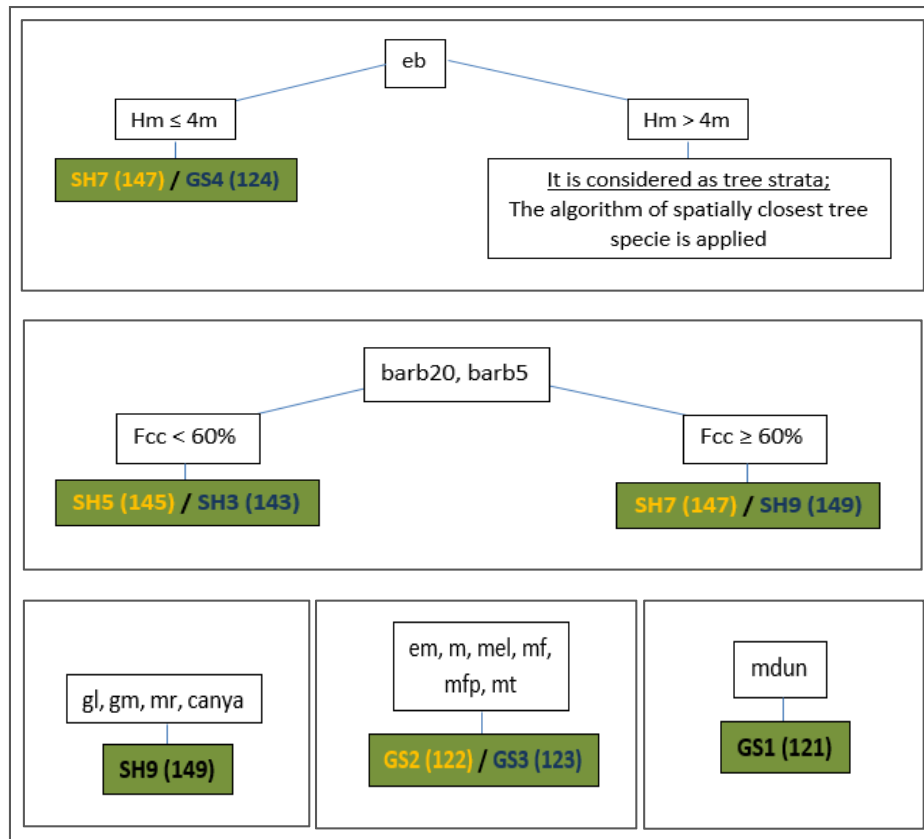
Algorithm used for assignment of the Scott and Burgan [62] model to stands populated by *Pseudotsuga men.* or *Larix sp.*

2. Regenerated forest



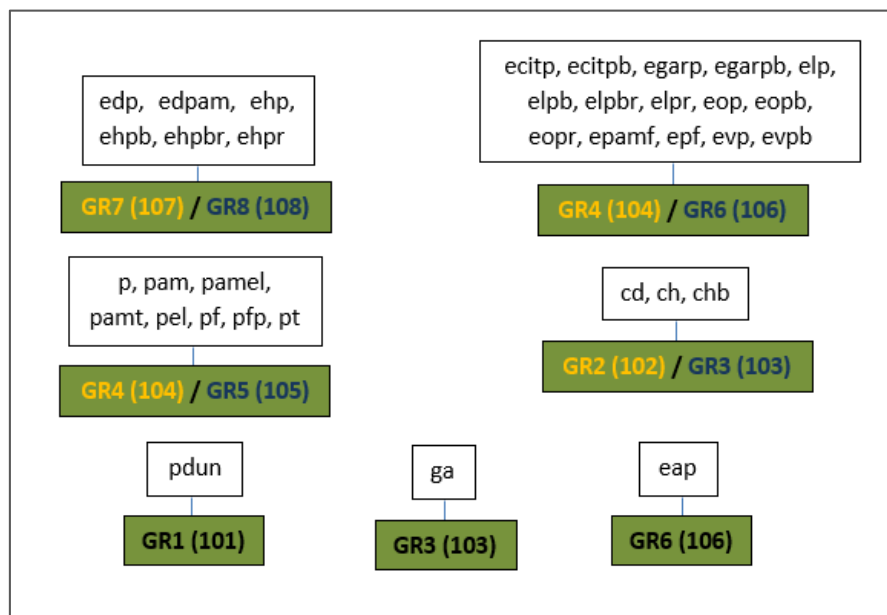
Algorithm used for assignment of the Scott and Burgan [62] model to the regenerated forest stands

3. Scrubland



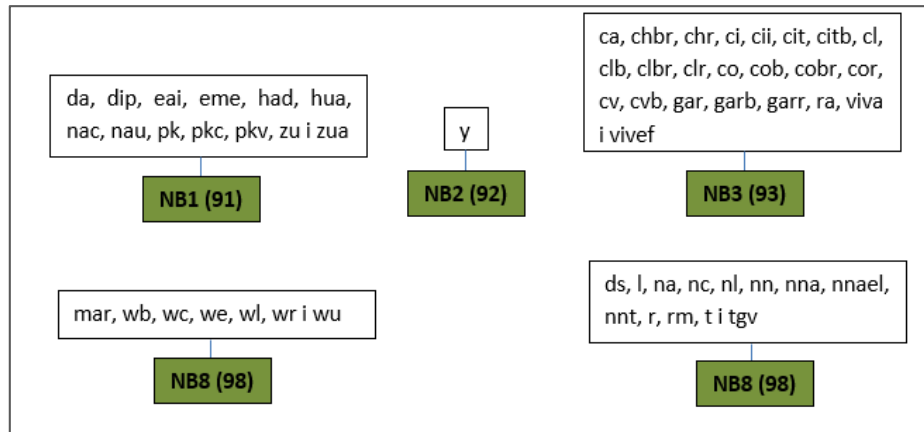
Algorithm used for assignation of the Scott and Burgan [62] model to stands predominantly populated by shrubs; model abbreviations correspond to the Land Cover Map of Catalonia nomenclature

4. Grassland



Algorithm used for assignation of the Scott and Burgan [62] model to areas predominately covered by herbs; model abbreviations correspond to the Land Cover Map of Catalonia nomenclature

5. Non-burnable



Algorithm used for assignation of the Scott and Burgan [62] model to non-burnable areas; model abbreviations correspond to the Land Cover Map of Catalonia nomenclature