

## GENERAL INFORMATION

<b>author(s)</b>	Vandebeek D
<b>year</b>	1996
<b>English title</b>	Study of the epigeic macrofungi in Alno-Padion vegetation in the Aelmoesneie forest, Gontrode, in relation with some environmental variables
<b>original title</b>	Studie van de epigeïsche macrofunga in een Alno-Padion-vegetatie in het Aelmoeseneiebos, Gontrode in functie van humus- en andere milieuv variabelen
<b>reference</b>	Msc thesis, Ghent University, Ghent
<b>pages</b>	93
<b>type</b>	dissertation (d2)
<b>ecosystem service</b>	supporting - biodiversity
<b>keywords</b>	fungi
<b>taxa</b>	
<b>project</b>	
<b>supervisor</b>	Hoffmann M, Coppejans E
<b>institution</b>	Faculteit van de Wetenschappen, Groep Plantkunde
<b>document</b>	hardcopy (research group spermatophytes)
<b>data</b>	species list Flora&Fauna.xls

## MATERIALS & METHODS

<b>study area</b>	5n (scientific zone: C7, C9, D8, D10, E9, I15, J14, J16, K15, L16)
<b>time period</b>	01/10/1995–13/04/1996
<b>goal</b>	Differentiate between the macrofungi for different humus types in a Alno-Padion, and investigate the possibilities for further research on the role of fungi in forest ecosystems.
<b>set-up</b>	5 plots in active mull, 5 plots in acid mull (cf. Sterken 1993) 10 m x 10 m plots (cf. Sterken 1993), subdivided in 100 plots of 1 m x 1 m
<b>data collection</b>	weekly during autumn and spring, each 2–3 weeks during winter identification sporocarps: species, cover, and ecological group (on the forest floor, on leaf litter, on fallen wood, on stumps, on dead herbs, on faeces)
<b>remarks</b>	The calculated mean Ellenberg values of Sterken (1993) are not all correct. In fact, only plot L16 was acid mull; the other plots were all active mull.

## RESULTS

The species composition changes over time. Temperature and precipitation did not affect the ecological groups differently.