

GENERAL INFORMATION

author(s)	Van der Heijden G
year	1979
English title	Bodemfaunistische studie van een perceel in het proefbos 'Aelmoeseneie' te Gontrode (Melle)
original title	Study of the soil fauna in a stand of the Aelmoeseneie forest
reference	Masterthesis, Rijksuniversiteit Gent, Faculteit van de Landbouwwetenschappen
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type	dissertation (d2)
ecosystem service	supporting – biodiversity
keywords	soil fauna
taxa	acari, opiliones, collembola, coleoptera
project	
supervisor	De Grisse A
institution	
location	short_pdf, hardcopy at the faculty library
data	species list p 55-58 Flora&Fauna.xls

MATERIALS & METHODS

study area	5n
time period	January-September 1978
goal	Inventory of the soil fauna
set-up	In January: different stands were sampled and different extraction methods (Tullgren funnel, sugar centrifuge method, altered sugar centrifuge method) were tested – the stand with the most diverse soil fauna and the sugar centrifuge method were chosen
data collection	between January-September: <ul style="list-style-type: none"> - soil cores (10 cm, top diam 9.5 cm, bottom diam 8.5 cm): 3 samples per stand – mixed, collected each 5 weeks, arthropods extraction with sugar centrifuge method - funnels: collection each week
remarks	

RESULTS

species list

number of species per sampling date (/ 100 ml soil):

	05/01	13/03	18/04	22/05	27/06	31/07	06/10
Gamasina	9	8	10	9	10	4	9
Uropodina	7	6	3	4	3	7	6
Oribatei	196	190	167	213	159	228	157
Collembola	16	26	13	47	44	49	23
insect larvae	1	0	1	6	4	8	7