GENERAL INFORMATION

author(s)	Maelfait J-P
year	1973
English title	Theoretic study of the pitfall sampling method; analysis of pitfall data from forest habitats
original title	Theoretisch onderzoek van de bodemvalmethode; verwerking van bodemvalstalen uit boshabitaten
reference	Msc thesis, Ghent University, Ghent
pages	111
type	dissertation (d2)
ecosystem service	supporting – biodiversity
keywords	crawling or ground-dwelling arthropods
taxa	Araneida, Opilionida, Chilopoda, Isopoda
project	
supervisor	Hublé J
institution	Faculteit van de Wetenschappen, Groep Dierkunde
document	hardcopy
data	lists of the different species per family (tables in appendix): trap 1–6 (ridge-Aelmoeseneie), 7–12 (ditch-Aelmoeseneie) Flora&Fauna.xls

MATERIALS & METHODS

study area	5c, 5e
time period	1971–1972 (5e), 1972–1973
goal	- Theoretic study of the possibilities of pitfall sampling - Comparison of the species composition of 5 forest habitats (3 Aelmoeseneie, 2 Hutsepot), comparison of the species composition of the Aelmoeseneie forest and the Hutsepot, description of the phenology of species caught in Gontrode in 1972–1973 for the Araneida, Opilionida, Chilopoda, and Isopoda.
set-up	5 forest habitats: oak-beech forest (Hoet 1972), ridge (5 m width) and ditch 1–1.5 m width, 0.5 m depth) in the Aelmoeseneie forest, limed and unlimed plot in the Hutsepot forest: pitfall traps (ø 8 cm) with saturated picric acid (= Barber traps): 1–6 on the ridge, 7–12 in the ditch
data collection	two weekly collection (12/05/1972–26/04/1973) continuous measurement of temperature (see Baert 1973) and relative humidity
remarks	data of Hoet_1972_th Baert_1973_th: identification of the Coleoptera and Diplopoda the planted coniferous species in 5c were 1 m tall in 1972; they had been planted in three rows per ridge, distance between the planted trees was 2 m p 1, Table II are lacking – for sampling dates see Lampo_1973_th

RESULTS

The different species and their period of activity are discussed.

	ridge	ditch	total
spiders	31	34	57
Opilionida	5	7	14
Isopoda	4	4	4
Chilopoda	4	2	9