

GENERAL INFORMATION

author(s)	Van Miegroet M, Dua V
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taxa	<i>Fagus sylvatica</i> , <i>Pinus sylvestris</i>
project	
supervisor	
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data	

MATERIALS & METHODS

study area	
time period	November 1983 – March 1984
goal	
set-up	5 locations (3 forest areas, 2 urban areas): 12 measuring points with 8 collectors, 8 additional collectors at 7 of the sample points (*) <ul style="list-style-type: none"> - Gontrode*: free field, ash, alder, oak, beech - Wachtebeke*: free field, Scots pine - Ghent - Zelzate - Buggenhout: free field, beech, oak
data collection	<u>systematic analysis</u> <ul style="list-style-type: none"> - 2-weekly sampled - 8 samples per location: pH - mixed sample per location: SO₄, NO₃, P, Cl, Na, K, Ca, Mg, Al, Pb <u>parallel analysis</u> <ul style="list-style-type: none"> - direct precipitation, analyzed 24 h after rainfall started (after a dry period of at least 3 days) - 8 samples per location: pH - mixed sample per location: SO₄, NO₃, P, Cl, Na, K, Ca, Mg, Al, Pb
remarks	pre-level II

RESULTS

pH highest in Ghent (5.82) and lowest in Buggenhout (4.59); pH lower below a forest canopy than in the open field; higher concentrations are found in water collected below forest canopies (Na, Ca, Mg, K, SO₄)