

GENERAL INFORMATION

author(s)	Smets K
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MATERIALS & METHODS

study area	
time period	April–September 2007
goal	testing several techniques for trapping xylobiont beetles by hand
set-up	four methods of trapping: <ul style="list-style-type: none">- visual: suitable substrates were searched (day light, twilight, night)- manual search on dead wood- knocking on wood and capturing the beetles in an umbrella- dragging a net through the vegetation attracting beetles with a UV light
data collection	ca. 15 h per forest the most common beetle species were not collected or identified
remarks	

RESULTS

23 species found in the Aelmoeseneieforest, 19 of which were xylobiont species, 4 were Red List species (based on the Red List for Germany).

The different methods yielded different species. Therefore, a combination of the different methods seems appropriate. The UV light method did not give good results.

The data cannot be used to make comparisons between the studied forests. The data are incomplete. For most species, only one individual was found. Apart from the trapping by hand, other traps should be used.

Pollard willows next to forests seem to be an appropriate habitat for dead wood beetles.