



UvA-DARE (Digital Academic Repository)

Insects in polluted rivers: an experimental analysis

van der Geest, H.G.

Publication date
2001

[Link to publication](#)

Citation for published version (APA):

van der Geest, H. G. (2001). *Insects in polluted rivers: an experimental analysis*.

General rights

It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

Disclaimer/Complaints regulations

If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: <https://uba.uva.nl/en/contact>, or a letter to: Library of the University of Amsterdam, Secretariat, Singel 425, 1012 WP Amsterdam, The Netherlands. You will be contacted as soon as possible.

CONTENTS

1. General introduction	7
<hr/>	
2. Ecology and handling of riverine insects	31
<hr/>	
2.1 Development of ecotoxicity tests using laboratory reared larvae of the riverine caddisflies <i>Hydropsyche angustipennis</i> and <i>Cyrnus trimaculatus</i> .	
2.2 Development and validation of an ecotoxicity test using field collected eggs of the riverine mayfly <i>Ephoron virgo</i> .	
<hr/>	
3. Riverine insects coping with selected contaminants	59
<hr/>	
3.1 Survival and behavioral responses of larvae of the caddisfly <i>Hydropsyche angustipennis</i> to copper and diazinon.	
3.2 Sensitivity of characteristic riverine insects, the caddisfly <i>Cyrnus trimaculatus</i> and the mayfly <i>Ephoron virgo</i> , to copper and diazinon.	
<hr/>	
4. Survival of riverine insects under combined stressors	95
<hr/>	
4.1 Mixture toxicity of copper and diazinon to larvae of the mayfly <i>Ephoron virgo</i> , judging additivity at different effect levels.	
4.2 Combined effects of toxicants and lowered oxygen concentrations on larvae of the mayfly <i>Ephoron virgo</i> .	
<hr/>	
5. Concluding remarks	131
<hr/>	
6. Summary, 'samenvatting' and acknowledgements	137
<hr/>	

