



UvA-DARE (Digital Academic Repository)

Invertebrate life cycle responses to PAC exposure

León Paumen, M.

Publication date

2009

Document Version

Final published version

[Link to publication](#)

Citation for published version (APA):

León Paumen, M. (2009). *Invertebrate life cycle responses to PAC exposure*. Universiteit van Amsterdam.

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

Chapter 1	General introduction	7
Chapter 2	Chronic toxicity of PACs to the springtail <i>Folsomia candida</i> and the enchytraeid <i>Enchytraeus crypticus</i>	19
Chapter 3	Life cycle responses of the midge <i>Chironomus riparius</i> to PAC exposure	37
Chapter 4	Chronic exposure of the Oligochaete <i>Lumbriculus variegatus</i> to PACs: bioavailability and effects on reproduction	53
Chapter 5	Comparative chronic toxicity of homo- and heterocyclic aromatic compounds to benthic and terrestrial invertebrates: generalizations and exceptions	69
Chapter 6	Multi-generation exposure of the springtail <i>Folsomia candida</i> to phenanthrene: from dose-response relationships to threshold concentrations	83
Chapter 7	Implications of long term exposure for PAC risk assessment of soils and sediments	97
	References	111
	Summary / Samenvatting / Resumen	131
	Acknowledgements	143
	Curriculum Vitae	147