

VU Research Portal

The use of plant litter and soil fauna traits in a mechanistic assessment of litter decomposition under global change

Makkonen, M.A.

2012

document version

Publisher's PDF, also known as Version of record

[Link to publication in VU Research Portal](#)

citation for published version (APA)

Makkonen, M. A. (2012). *The use of plant litter and soil fauna traits in a mechanistic assessment of litter decomposition under global change*. [PhD-Thesis - Research and graduation internal, Vrije Universiteit Amsterdam]. VU University.

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal

Take down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

E-mail address:

vuresearchportal.ub@vu.nl

CONTENTS

Chapter I	General introduction	9
Chapter II	Traits explain the responses of a sub-arctic Collembola community to climate manipulation	23
Chapter III	Is the structure of micro-arthropod community in plant litter driven by litter quality?	43
Chapter IV	Do physical plant litter traits explain non-additivity in litter mixtures? A test of the Improved Microenvironmental Conditions theory	61
Chapter V	Highly consistent effects of plant litter identity and functional traits on decomposition across a latitudinal gradient	87
Chapter VI	General discussion	111
	Summary	121
	Nederlandse samenvatting	123
	Suomenkielinen yhteenveto	125
	Acknowledgements	127