The interplay between genetic and learned components of behavioural traits: olfactory responses of predatory mites to signals contained in a herbivore-induced plant volatile

Sznajder, B.A.

Citation for published version (APA):
The interplay between genetic and learned components of behavioural traits

Olfactory responses of predatory mites to signals contained in a herbivore-induced plant volatile
Sznajder, BA 2010. *The interplay between genetic and learned components of behavioural traits: Olfactory responses of predatory mites to signals contained in a herbivore-induced plant volatile* 

PhD thesis, University of Amsterdam, The Netherlands

The work presented in this thesis was funded by a grant from the Netherlands Organisation for Scientific Research (NWO; ALW 809.64.012). Research was conducted at the Institute for Biodiversity and Ecosystem Dynamics (IBED), University of Amsterdam.

Publication of this thesis was financially supported by Koppert Biological Systems (www.koppert.nl)

ISBN: 978 90 76894 90 4

*Cover photo:* Still from the video ‘Development and behavior of the predatory mites *Phytoseiulus persimilis*’ by U. Wyss.

*Lay-out:* Jan Bruin (www.bred.nl)
The interplay between genetic and learned components of behavioural traits
Olfactory responses of predatory mites to signals contained in a herbivore-induced plant volatile

ACADEMISCH PROEFSCHRIFT
ter verkrijging van de graad van doctor
aan de Universiteit van Amsterdam
op gezag van de Rector Magnificus
prof. dr. D.C. van den Boom
ten overstaan van een door het college voor promoties
ingestelde commissie,
in het openbaar te verdedigen in de Agnietenkapel
op donderdag 16 september 2010, te 10.00 uur
door

BEATA ANNA SZNAJDER
geboren te Kraków (Polen)
PROMOTIECOMMISSIE

PROMOTOR:
Prof. dr. M.W. Sabelis

CO-PROMOTOR:
Dr. C.J.M. Egas

OVERIGE LEDEN:
Prof. dr. M. Hilker
Dr. M. Kant
Dr. T.J. Kawecki
Prof. dr. S.B.J. Menken
Dr. P. Roessingh
Prof. dr. J. Takabayashi
Prof. dr. P.H. van Tienderen

Faculteit der Natuurwetenschappen, Wiskunde en Informatica