

Personal information and Curriculum Vitae

Gerard J .J. Driessen (Gerardus Johannes Jacobus),
(1951)

Department of Animal Ecology,
Institute of Ecological Sciences,
Faculty of Earth and Life Sciences,
Vrije Universiteit.
De Boelelaan 1085, 1081 HV Amsterdam.
Tel: 020-5987046
Fax: 020-5987123
E-mail: gerard.driessen@falw.vu.nl

Education

- Secondary school (MULO-B), Wassenaar, June 1967
- Secondary school (HBS-B), Wassenaar, June 1970
- B.Sc. in Biology, University of Leiden, June 1978
- M.Sc. in Biology, University of Leiden, September 1982
- Ph.D. University of Leiden, May 1990: 'Studies on larval parasitoids of Drosophila: from individuals to populations'

Present position

Lecturer and coordinator of MSc Ecology,
Vrije Universiteit, Amsterdam

Previous positions

- September 1983 - August 1984: Guest researcher at the University of Leiden, research group Population Biology
- September 1984 - August 1988: 'Wetenschappelijk Assistent' (PhD) at the University of Leiden, research group Population Biology
- September 1988 - September 1993: Post-doc researcher at the University of Leiden, research group Population Biology
- October 1993 - October 1995: EC individual fellowship (Human Capital and Mobility program) at the Laboratoire de Biométrie, Université Claude Bernard, Lyon, France
- November 1995- September 2002: Post-doc researcher at the Institute of Evolutionary and Ecological Sciences of the University of Leiden, Section Animal Ecology.
- September 2002 - September 2007: Post-doc researcher at the Institute of Ecological Science of the VU University Amsterdam, Section Animal Ecology.
- September 2007 - present: Lecturer and coordinator of MSc Ecology programme at the VU University Amsterdam

Teaching

Lectures and practicals on evolutionary ecology, behavioural ecology, community ecology, population dynamics, marine ecosystems and statistics.

Field courses in behavioural ecology and marine ecosystems.

Supervision of technicians, graduate students and PhD-students during their research training.

Publications

Peer reviewed

- **G.J.J. Driessen, A.Th. van Raalte and G.J. de Bruyn (1984)** Cannibalism in the red wood ant, *Formica polyctena* (Hymenoptera: Formicidae). *Oecologia* **63**: 13-22.
- **R. Boddeke, G. Driessen, W. Doesburg and G. Ramaekers (1986)** Food availability and predator presence in a coastal nursery area of the brown shrimp (*Crangon crangon*). *Ophelia* **26**: 77-90.
- **A. Janssen, G. Driessen, M. de Haan and N. Roodbol (1988)** The impact of parasitoids on natural populations of temperate woodland *Drosophila*. *Neth. J. Zool.* **38**: 61-73.
- **G. Driessen, L. Hemerik and J. J. M. van Alphen (1990)** *Drosophila* species, breeding in the Stinkhorn (*Phallus impudicus* Pers.) and their larval parasitoids. *Neth. J. Zool.* **40**: 409-427.
- **G. Driessen, L. Hemerik and B. Boonstra (1991)** Host selection behaviour of the parasitoid *Leptopilina clavipes*, in relation to survival in hosts. *Neth. J. Zool.* **41**: 409-427.
- **G. Driessen and L. Hemerik (1991)** Aggregative responses of parasitoids and parasitism in populations of *Drosophila* breeding in fungi. *Oikos* **61**: 96-107.
- **G. Driessen and L. Hemerik (1991)** *Studies on larval parasitoids of Drosophila: from individuals to populations*. PhD thesis, University of Leiden, The Netherlands, ISBN 90-9004199-0.
- **M.E. Visser and G. Driessen (1991)** Indirect mutual interference in parasitoids. *Neth. J. Zool.* **41**: 214-227.
- **G. Driessen and L. Hemerik (1992)** Time and egg budget of the parasitoid *Leptopilina clavipes*, a parasitoid of larval *Drosophila*. *Ecol. Entomol.* **17**: 17-27.
- **L. Hemerik, G. Driessen and P. Haccou (1992)** Effects of intra-patch experiences on patch time, search time and searching efficiency of the parasitoid *Leptopilina clavipes* (Hartig). *J. Anim. Ecol.* **62**: 33-44.
- **G. Driessen and M.E. Visser (1992)** The influence of adaptive foraging decisions on spatial heterogeneity of parasitism and parasitoid population efficiency. *Oikos* **67**: 209-217.
- **G. Driessen, J.J.M. van Alphen, C. Bernstein and A. Kacelnik (1995)** A count-down mechanism for patch departure in *Venturia canescens*. *J. Anim. Ecol.* **64**: 117-125.
- **C. Bernstein and G. Driessen (1996)** Patch-marking and optimal search patterns in the parasitoid *Venturia canescens*. *J. Anim. Ecol.* **65**: 211-219.
- **G. Driessen and M.E. Visser (1997)** Components of parasitoid interference. *Oikos* **79**: 179-182.
- **J.G. Sevenster, J. Ellers and G. Driessen (1998)** An evolutionary argument for time limitation. *Evolution* **52**: 1241-1244.
- **M.E. Visser, T.H. Jones and G. Driessen (1999)** Interference among insect parasitoids: a multipatch experiment. *J. Anim. Ecol.* **68**: 108-120.
- **G. Driessen and C. Bernstein (1999)** Patch departure mechanisms and optimal host exploitation in an insect parasitoid. *J. Anim. Ecol.* **68**: 445-459.
- **J. Ellers, G. Driessen and J.G. Sevenster (2000)** The shape of the trade-off function between egg production and life span in the parasitoid *Asobara taida*. *Neth. J. Zool.* **50**: 29-36.
- **J. Ellers, J.G. Sevenster and G. Driessen (2000)** Egg load evolution in parasitoids. *Am.*

Nat. **156**: 650-665.

- **M.V. Schneider, L.W. Beukeboom, G. Driessen, L. Lapchin, C. Bernstein and J.J.M. van Alphen (2002)** Geographical distribution and genetic relatedness of sympatrical thelytokous and arrhenotokous populations of the parasitoid *Venturia canescens* (Hymenoptera). *J. Evol. Biol.* **15**: 191-200.
- **J.J.M. van Alphen, C. Bernstein and G. Driessen (2003)** Patch time allocation in insect parasitoids. *Trends Ecol. Evol.* **18**: 81-87
- **M.V. Schneider, G. Driessen, L.W. Beukeboom, R. Boll, K. van Eunen, A. Selzner, J. Talsma and L. Lapchin (2003)** Gene flow between arrhenotokous and thelytokous populations of *Venturia canescens* (Hymenoptera). *Heredity* **90**: 260-267.
- **E. Desouhant, G. Driessen, L. Lapchin, S. Wielaard and C. Bernstein (2003)** Dispersal between host populations in field conditions: navigation rules in the parasitoid *Venturia canescens*. *Ecol. Entomol.* **28**: 257-267.
- **J. Casas, G. Driessen, N. Mandon, S. Wielaard, E. Desouhant, J.J.M. van Alphen, L. Lapchin, A. Rivero, J.P. Christides and C. Bernstein (2003)** Energy dynamics in a parasitoid foraging in the wild. *J. Anim. Ecol.* **72**: 691-607.
- **E. Desouhant, G. Driessen, I. Amat, and C. Bernstein (2005)** Host and food searching in a parasitic wasp *Venturia canescens*: a trade-off between current and future reproduction? *Anim. Behav.* **70**: 145-152.
- **A. Thiel, G. Driessen and T. Hoffmeister (2006)**. Different habitats, different habits? Response to foraging information in the parasitic wasp *Venturia canescens*. *Behav. Ecol. Sociobiol.* **59**(5): 614-623
- **E. van Wilgenburg, G. Driessen and L.W. Beukeboom (2006)** Single locus complementary sex determination in Hymenoptera: an "unintelligent" design? *Frontiers in Zoology* **3**: 1.
- **G. Driessen, J. Ellers and N.M. van Straalen (2007)** Variation, selection and heritability of thermal reaction norms for juvenile growth in *Orchesella cincta* (Collembola: Entomobryidae). *European Journal of Entomology* **104**: 39-46.
- **J. Ellers, J. Mariën, G. Driessen and N.M. van Straalen (2008)**. Temperature-induced gene expression associated with different thermal reaction norms for growth rate. *Journal of experimental Biology. Part B-Molecular and developmental Evolution* **310B**: 137-147.
- **M. Berg, E.T. Kiers, G. Driessen, M. van der Heiden, B.W. Kooi, F. Kuenen, M. Liefing, H.A. Verhoef and J. Ellers (2009)**. Adapt or disperse: understanding species persistence in a changing world. *Global Change Biology*, doi: 10.1111/j.1365-2486.2009.02014.x
- **I. Mateo Leach, B.A. Pannebakker, M.V.Schneider, G. Driessen, L. van de Zande and L.W. Beukeboom (2009)**.Thelytoky in Hymenoptera with *Venturia canescens* and *Leptopilina clavipes* as case studies. In: I. Schön, P. van Dijk and K. Martens (eds): *Lost Sex: The Evolutionary Biology of Parthenogenesis*, pp 347-377. Springer Science+Business Media, Dordrecht, The Netherlands.

Papers in press

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Papers in preparation

- **G. Driessen and J. Ellers**. Correlated plasticities of life history traits in the springtail *Orchesella cincta*.

- **G. Driessen, F. Huyer and J. Ellers.** The costs of making thermal phenotypes.

Other publications

- **J.T.K. Poll, J.J.M. van Alphen and G. Driessen (1998)** Biological control of the asparagus beetle (*Crioceris asparagi*) using *Tetrastichus asparagi*. *Proc. Exp. Appl. Entomol.* **9**: 129-130.
- **J.W.A.M. Pijls, G. Driessen, P.Th. Butôt, C.G.M. Conijn and J.J.M. van Alphen (1998)** Development of an environmentally friendly method to control the mealybug *Phenacoccus emansor* in iris bulb stores in The Netherlands. *Proc. Exp. Appl. Entomol.* **9**: 111-116.
- **L.W. Beukeboom, G. Driessen, L. Luckerhoff, C. Bernstein, L. Lapchin and J.J.M. van Alphen (1999)** Distribution and relatedness of sexual and asexual *Venturia canescens* (Hymenoptera). *Proc. Exp. Appl. Entomol.* **10**: 23-29.
- **T. Malmberg, L.W. Beukeboom, G. Driessen and J.J.M. van Alphen (2000)** Distribution of a VLP-protein polymorphism in sexual and asexual *Venturia canescens* populations (Hymenoptera). *Proc. Exp. Appl. Entomol.* **11**: 98-93.