

Curriculum Vitae

Aniek Barbara Françoise Ivens

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Education and research experience

- April 2013 - Present* **Niels Stensen postdoctoral fellow**
Laboratory of Insect Social Evolution, The Rockefeller University, NYC, USA
- Jan - March 2013* **Postdoctoral researcher**
Theoretical Biology Group, **University of Groningen, NL**
- Oct 2006 - Nov 2012* **PhD in Mathematics and Natural Sciences**, Graduated *cum laude*
Theoretical Biology Group, University of Groningen, NL and Centre for Social Evolution, University of Copenhagen, DK
Advisors: Prof. F.J. Weissing (NL), Prof. I. Pen (NL) and Prof. J.J. Boomsma (DK)
- Sep 2004 - Sep 2006* **Top - M.Sc. Evolutionary Biology**, Graduated *cum laude*
University of Groningen, NL
- May 2006* **Field research assistant**
Smithsonian Tropical Research Institute in Gamboa, Republic of Panama
- Jan - May 2006* **Internship** as part of **M.Sc.**
Centre for Social Evolution, University of Copenhagen, DK
Advisor: Prof. J.J. Boomsma
- April - Nov 2005* **Internship** as part of **M.Sc.**
Evolutionary genetics group, University of Groningen, NL
Advisors: Prof. L.W. Beukeboom and Prof. I. Pen
- Sep 2001 - Sep 2004* **B.Sc. Biology**, Graduated *cum laude*
Wageningen University and Research Center, NL
- Sep 1995 - Sep 2001* **Grammar-school**, Graduated *summa cum laude*
Trevianum Sittard, NL

Additional experience

- Aug - Dec 2012* **Selected member of De Nationale DenkTank 2012**
Topic: Sustainable food chains and the world food problem
This think tank, based in Amsterdam, NL, selects yearly 20 promising young academics to develop applied solutions to a world problem in a highly multidisciplinary context.
- 2007 - 2012* **Trainer improvisation theatre (Improv), Groningen area**
Year round trainer of several Improv groups, as well as workshop trainer in diverse settings, ranging from team building events to high school teaching

Educational experience

2007 – 2012	Teacher improvisation theatre at various theatre associations and high schools
2011	Lecturer 'Theoretical Ecology and Evolution', M.Sc., University of Groningen, NL
2004, 2011	Guest teacher Biology at IMC-Weekendschool and various high schools
2010	Co-supervisor of Top-Master student Lotte van Boheemen
2008 - 2009	Co-supervisor of M.Sc.-student Thijs Janzen
2008	Co-supervisor of Top-Master student Yiming Yu
2005	Practical teacher 'Evolutionary Genetics Research', B.Sc, University of Groningen
2003	Practical teacher 'Introduction to biology', B.Sc., Wageningen University
1999- 2001	Homework tutor Chemistry, Mathematics, Physics, Dutch, Latin

Grants and Awards

2012	Niels Stensen Stipendium for Postdoctoral research
2011	Travel grant awarded by the Uyttenboogaart-Eliassen Foundation
2008	Award for 'best talk of EMPSEB 14', Einsiedeln, Switzerland.
2007	Research grant awarded by the Nicolaas Mulerius Fund
2007	Pieter Langerhuizen Stipendium, <i>awarded once every seven years in zoology</i>
2006	PhD-grant awarded by the Centre for Ecological and Evolutionary Studies, University of Groningen, NL.
2006	Study scholarship awarded by the Dutch government
2006	ERASMUS scholarship by the European Commission
2005	Travel grant awarded by the Groningen University Fund
2005	BEPAR short visit grant by the European Science Foundation
2004	Top Master scholarship awarded by the Faculty of Mathematics and Natural Sciences, University of Groningen, NL
2004	Study grant awarded by the Wageningen University Fund

Publications

- **Ivens, A.B.F.**, *The evolutionary ecology of mutualism*. PhD dissertation. 2012, University of Groningen. ISBN 978-90-367-5828-4.
- **Ivens A.B.F.**, Kronauer D.J.C., Pen I., Weissing F.J., Boomsma J.J. 2012 Dispersal and reproduction in an ant-associated root aphid community. *Molecular Ecology*, 21, 4257-4269
- **Ivens A.B.F.**, Kronauer D.J.C., Pen I, Weissing F.J., Boomsma J.J. 2012 Ants farm subterranean aphids mostly in single clone groups – an example of prudent husbandry for carbohydrates and proteins? *BMC Evolutionary Biology*, 12, 106.
- **Ivens, A.B.F.**, Kronauer, D.J.C. and Boomsma, J.J. 2011 Characterisation and cross-amplification of polymorphic microsatellite loci in ant-associated root-aphids. *Conservation Genetics Resources*. 3, 73-77.
- **Ivens, A.B.F.**, Nash, D.R., Poulsen, M., and Boomsma, J.J. 2009a Caste-specific symbiont policing by workers of *Acromyrmex* fungus-growing ants. *Behavioral Ecology* 20, 378-384.
- **Ivens, A.B.F.**, Shuker, D.M., Beukeboom, L.W., and Pen, I. 2009b Host acceptance and sex allocation of *Nasonia* wasps in response to conspecifics and heterospecifics. *Proceedings of the Royal Society B-Biological Sciences* 276, 3663-3669.

Dissemination

- Portrayed scientist in episode of *Labyrint* (VPRO), to be broadcasted on 8 October 2013
- Radio interview in 'Startpunt', Start radio, January 2013
- 'De evolutie van veeteelt door mieren', www.natuurbericht.nl, 16 November 2012
- Radio interview about PhD thesis in Hoe?Zo! Radio (NTR), 13 November 2012
- Radio interview about aphid-tending ant *Lasius flavus* in Hoe?Zo! Radio (NTR), 2 July 2012
- 'Druk, druk, druk: kevers, hommels, mieren en vlinders leven geen luizenleventje', *Waddenmagazine*, 3, 2011
- 'Gele weidemier blijkt innovatief veeteler', *Friesch Dagblad*, 13 July 2011
- 'Een boerende mier op Schier', *Bionieuws*, 9 July 2011
- 'Ondergrondse veehouderij op Schier', written for www.natuurbericht.nl, 2 July 2011
- 'Samenwerking in de natuur', item for TELEAC's Scienceflash, May 2009.
- 'Exploring the evolution of cooperation between species using ants, aphids and mathematics' April 2009, Oral presentation as representation of 'Evolutionary Biology' at the Royal visit of HM Queen Beatrix of The Netherlands, HM King Carl XVI Gustaf and HM Queen Silvia of Sweden to the University of Groningen, NL.
- Radio interview in 'Limburgs Land', L1 radio, November 2006

Peer-review activities

American Naturalist (3), Behavioral Ecology & Sociobiology (1), Behavioral Ecology (2), Bulletin of Entomological Research (4), Evolution (1), Entomologische berichten (1), Insect Conservation and Diversity (1), Molecular Biology Reports (3), Molecular Ecology (1), Myrmecological News (1), PLoS ONE (1), Zoology letters (2)

Courses and training

2011	PhD-course 'Science communication', Groningen, NL.
2011	The Ant Course, California Academy of Sciences in Portal, Arizona, US.
2010	Advanced Statistics using R, University of Groningen.
2010	PhD-Course 'Effective publishing', by Prof. Michael Hochberg (Montpellier, FR).
2009	Mathematical Models in Ecology and Evolution, University of Groningen, NL.
2009	PhD-Workshop 'Time-management', Groningen, NL.
2008	Programming course (C++), University of Groningen, NL.
2008	PhD Course 'Social Insect Biology', University of Copenhagen, DK.
2007-2008	Training as professional trainer 'Improvisation theatre', Groningen, NL.

Organisational experience

2009 - 2011	(PhD-)Student and Postdoc representative at Theoretical Biology staff meetings
2010	Supporting crew at the International Congress of the IUSSE, Copenhagen, DK
2008 - 2009	President of the EMPSEB Organising Committee <i>European Meeting for PhD-Students in Evolutionary Biology (EMPSEB) is a yearly meeting that hosts >100 participants and 10 plenary speakers.</i>
2006 - 2009	Member of the CEES institutional colloquia series committee

2003 - 2004	President of BVW 'Biologica'. <i>BVW 'Biologica' is a study association with >450 members.</i>
2003	Public Relations Officer on the board of BVW 'Biologica'.
2002 - 2004	Student representative in Programme Committee Biology, Wageningen University
2002-2004	Member of the Education Committee of BVW 'Biologica'.
2001-2002	Member of First Year student committee of the Wageningen Student Union (WSO).

Conferences attended and invited talks

2013	Invited seminar speaker, University of Mainz, D
2008, 2012	Invited seminar speaker, University of Copenhagen, DK
2012	Lorentz Center Workshop on Biological Market Theory, Leiden, NL
2011	Invited seminar speaker, University of Århus, DK
2011	Invited speaker at the Annual CEES-Day, Groningen, NL
2011	International MMEE meeting, Groningen, NL - Oral contribution
2011	National Ecogenomics Day, Amsterdam, NL – Oral contribution
2005, 2006,	Dutch National Entomologists' Day, Ede, NL – Oral contributions
2008 – 2010	
2010	ISBE Congress, Perth, Australia – Oral contribution
2010	International Meeting of the IUSI, Copenhagen, DK – Oral contribution
2009	Invited seminar speaker, Harvard University, US
2009	Invited seminar speaker, Ottawa University, CA
2009	ESF Workshop 'Evolution of Cooperation', Laxenburg, AU - Poster presentation
2009	ESEB Meeting, Torino, IT - Oral contribution
2009	EMPSEB 15, Schoorl, NL - Organising Committee
2008	EMPSEB 14, Einsiedeln, CH - Oral contribution, best talk award
2008	European Meeting of the IUSI, La-Roche-en-Ardenne, Belgium - Oral contribution
2008	NERN Meeting, Lunteren, NL - Oral contribution
2007	European Women in Science Festival, Maastricht, NL – Oral contribution