



List of Student Publications

Evolutionary & Population Biology
Institute for Biodiversity and Ecosystem Dynamics
University of Amsterdam

Ke Gao, **Daphne Muijderman**, **Sarah Nichols**, David G. Heckel, Peng Wang, Myron P. Zalucki, Astrid T. Groot: 'Parasite-host specificity: A cross-infection study of the parasite *Ophryocystis elektroscirrha*', in *Journal of Invertebrate Pathology* (2020).

Link: <https://doi.org/10.1016/j.jip.2020.107328>

Jesse Kerkvliet, Arthur de Fouchier, Michiel van Wijk, Astrid T. Groot: 'The Bellerophon pipeline, improving de novo transcriptomes and removing chimeras', in *Ecology and Evolution* (2019).

Link: <https://doi.org/10.1002/ece3.5571>

Livia M.S. Ataide, Cleide R. Dias CR, Bernardus C.J. Schimmel, **Thijs van Erp**, Angelo Pallini, Merijn R. Kant: 'Food decisions of an omnivorous thrips are independent from the indirect effects of jasmonate-inducible plant defences on prey quality', in *Scientific Reports* (2019).

Link: <https://www.nature.com/articles/s41598-018-38463-w>

Tom P.G. van den Beuken, **Logan W. Stockwell**, Isabel M. Smallegange: '*Et tu*, brother? Kinship and increased nutrition lower cannibalism incidence in male bulb mites', in *Animal Behaviour* (2019).

Link: <https://www.sciencedirect.com/science/article/pii/S0003347219301150>

Kathryn A. Stewart, **Roos Draaijer**, Michal R. Kolasa, Isabel M. Smallegange: 'The role of genetic diversity in the evolution and maintenance of environmentally-cued, male alternative reproductive tactics', in *BMC Evolutionary Biology* (2019).

Link: <https://link.springer.com/article/10.1186/s12862-019-1385-4>

Tom P.G. van den Beuken, **Chris C. Duinmeijer**, Isabel M. Smallegange: 'Costs of weaponry: unarmed males sire more offspring than armed males in a male-dimorphic mite', in *Journal of Evolutionary Biology* (2019).

Link: <https://onlinelibrary.wiley.com/doi/full/10.1111/jeb.13402>

Jasper C. Croll, Martijn Egas, Isabel M. Smallegange: 'An eco-evolutionary feedback loop between population dynamics and fighter expression affects the evolution of alternative reproductive tactics', in *Journal of Animal Ecology* (2019).

Link: <https://besjournals.onlinelibrary.wiley.com/doi/full/10.1111/1365-2656.12899>

Natalie Niepoth, Gao Ke, Jacobus C. de Roode, Astrid T. Groot: 'Comparing Behavior and Clock Gene Expression between Caterpillars, Butterflies, and Moths', in *Journal of Biological Rhythms* (2018).

Link: <https://doi.org/10.1177/0748730417746458>

Isabel M. Smallegange, **Hedwig M. Ens**: 'Trait-based predictions and responses from laboratory mite populations to harvesting in stochastic environments', in *Journal of Animal Ecology* (2018).

Link: <https://besjournals.onlinelibrary.wiley.com/doi/full/10.1111/1365-2656.12802>

S. Henrik Barmantlo, Patrick G. Meirmans, Sheila H. Luijten, Ludwig Triest, J. Gerard B. Oostermeijer: 'Outbreeding depression and breeding system evolution in small, remnant populations of *Primula vulgaris*: consequences for genetic rescue', in *Conservation Genetics* (2018).

Link: <https://link.springer.com/article/10.1007/s10592-017-1031-x>

Patrick G. Meirmans, **Shenglin Liu**: 'Analysis of Molecular Variance (AMOVA) for autopolyploids', in *Frontiers in Ecology and Evolution* (2018).

Link: <https://www.frontiersin.org/articles/10.3389/fevo.2018.00066/full>

Patrick G. Meirmans, **Shenglin Liu**, Peter H. van Tienderen: 'The analysis of polyploid genetic data', in *Journal of Heredity* (2018).

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Matthijs P. van den Burg, Patrick G. Meirmans, Timothy P. van Wagensveld, Bart Kluskens, Hannah Madden, Mark E. Welch, Johannes A. J. Breeuwer: 'The Lesser Antillean Iguana (*Iguana delicatissima*) on St. Eustatius: Genetically Depauperate and Threatened by Ongoing Hybridization', in *Journal of Heredity* (2018).

Link: <https://academic.oup.com/jhered/article/109/4/426/4870022>

Isabel M. Smallegange, **Rianne E. Fernandes**, **Jasper C. Croll**: 'Population consequences of individual heterogeneity in life histories: overcompensation in response to harvesting of alternative reproductive tactics', in *Oikos* (2018).

Link: <https://onlinelibrary.wiley.com/doi/full/10.1111/oik.04130>

Jeff A. Harvey, **Daphne van den Berg**, Jacintha Ellers, Remko Kampen, Tom W. Crowther, Peter Roessingh, Bart Verheggen, Rascha J.M. Nuijten, Eric Post, Stephan Lewandowsky, Ian Stirling, Meena Balgopal, Steven C. Amstrup, Michael E. Mann: 'Internet Blogs, Polar Bears, and Climate-Change Denial by Proxy', in *BioScience* (2018).

Link: <https://academic.oup.com/bioscience/article/68/4/281/4644513>

Nina X. Zhang, **Daan van Wieringen**, Gerben J. Messelink, Arne Janssen: 'Herbivores avoid host plants previously exposed to their omnivorous predator *Macrolophus pygmaeus*', in *Journal of Pest Science* (2018).

Link: <https://link.springer.com/article/10.1007/s10340-018-1036-3>

Bernardus C.J. Schimmel, Juan M. Alba, Nicky Wybouw, Joris J. Glas, **Thomas T. Meijer**, Robert C. Schuurink, Merijn R. Kant: 'Distinct signatures of host defense suppression by plant-feeding mites', in *International Journal of Molecular Sciences* (2018).

Link: <https://www.mdpi.com/1422-0067/19/10/3265>

Heike Staudacher, Bernardus C.J. Schimmel, **Mart M. Lamers**, Nicky Wybouw, Astrid T. Groot, Merijn R. Kant: 'Independent Effects of a Herbivore's Bacterial Symbionts on Its Performance and Induced Plant Defences', in *International Journal of Molecular Sciences* (2017).

Link: <https://www.mdpi.com/1422-0067/18/1/182>

Isabel M. Smallegange, Hal Caswell, **Marjolein E.M. Toorians**, André M. de Roos: 'Mechanistic understanding of population dynamics using dynamic energy budget theory incorporated into integral projection models', in *Methods in Ecology and Evolution* (2017).

Link: <https://besjournals.onlinelibrary.wiley.com/doi/full/10.1111/2041-210X.12675>

Isabel M. Smallegange, **Isabelle B.C. van der Ouderaa**, Yara Tibiriça: 'The effect of yearling, juvenile and adult survival on reef manta ray (*Manta alfredi*) demography', in PeerJ (2016).

Link: <https://peerj.com/articles/2370/>

Livia M.S. Ataide, Maria L. Pappas, Bernardus C.J. Schimmel, Juan M. Alba, **Antonio Lopez-Orenes**, Arne Janssen, Angelo Pallini, Robert C. Schuurink, Merijn R. Kant: 'Induced plant-defenses suppress herbivore reproduction but also constrain predation of their offspring', in Plant Science (2016).

Link: <https://www.sciencedirect.com/science/article/pii/S0168945216302916>