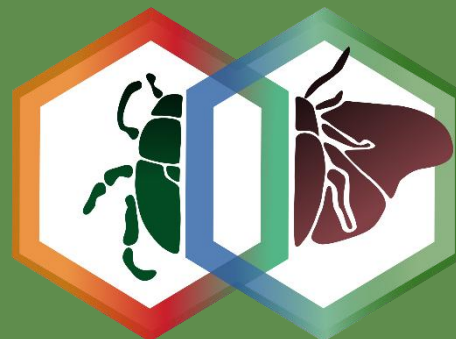




Current Position

PhD

(2022-Present)

University of Helsinki (UH)

Doctoral Programme in Wildlife Biology (LUOVA), Faculty of Biological and Environmental Sciences, University of Helsinki, Helsinki, Finland.

Research on the evolution and prevalence of *de novo* synthesized pyrazines as a chemical defence in Tiger moths (Arctiinae) species.

Associated skills: Chemical analysis with Gas Chromatography-Mass Spectrometry (GC-MS)

Education

MSc

(2018-2021)

Radboud University (RU)

Masters of Science, Specialization; Adaptive Organisms, Faculty of Science, The Netherlands.

First internship/thesis:

"Effect on development of herbivore grazing mites (Acari: Oribatida) under phosphorous depletion"

**Six months internship at Radboud University, The Netherlands: February-August 2019.*

Second internship/thesis (abroad; University of Turku):

"Exploration of spatial and temporal patterns in colour morph frequencies in populations of the polymorphic leaf beetle *Chrysomela lapponica* (Coleoptera: Chrysomelidae)"

**Six months internship at University of Turku, Finland: February-August 2020.*

BSc

(2015-2018)

Maastricht University (UM)

Bachelor of Science, Maastricht Science Programme (MSP), Faculty of Science and Engineering, The Netherlands.

Thesis: "The effect of diet on chemical defence in *Adalia bipunctata* (Coleoptera: Coccinellidae) feeding on two different aphids"

Publications

Published

- 2023 Rock, S.L., Oudendijk, Z., Kürten, F.T. et al. The effect of stress on rates of asexual reproduction in an invasive planarian. *Ecotoxicology* (2023). <https://doi.org/10.1007/s10646-023-02713-z>
- 2022 Kozlov, M.V., Oudendijk, Z., Forsman, A., Lanta, V., Barclay, M.V.L., Gusarov, V.I., Gustafsson, B., (10 authors) (2022), Climate shapes the spatiotemporal variation in color morph diversity and composition across the distribution range of *Chrysomela lapponica* leaf beetle. *Insect Science*, 29: 942-955. <https://doi.org/10.1111/1744-7917.12966>
- Oudendijk, Z., Sloggett, J.J. How Diet Leads to Defensive Dynamism: Effect of the Dietary Quality on Autogenous Alkaloid Recovery Rate in a Chemically Defended Beetle. *J Chem Ecol* 48, 99–107 (2022). <https://doi.org/10.1007/s10886-021-01326-2>

Fundings

PhD	Finnish National Agency for Education Societas Pro Fauna et Flora Fennica The Ella and Georg Ehrnrooth Foundation Helsinki University LUOVA Salary Position	MSc	Erasmus + Traineeship grant Erasmus + Traineeship post-graduation grant
		BSc	Universiteitsfonds Limburg (SWOL)

Research Experience

Jan–Aug 2022	Internship at Lammi Biological Station: Research on “Diversity of invertebrates in restored meadows” Lammi Biological Station, Department of Helsinki in Hämeenlinna, Finland.
MSc	Literature Review: “The chemical dynamic of fungal defence and fungivores” Research Proposal: “The role of phytochemical variability in shaping plant-herbivore interactions of specialist <i>Abrostola asclepiadis</i> (Lepidoptera) on <i>Vincetoxicum</i> plants (Asclepiadeae)”
Feb–Aug 2018	Extension of bachelor thesis research for publication: Analysis of autogenous alkaloid within eggs samples obtained during bachelor thesis research. Chemelot, Sittard, The Netherlands.
BSc	Four week research projects: ‘Exploring and understanding strange anomalies observed during laboratory flatworm care’, Chemelot, Sittard, The Netherlands. ‘How abnormal is the behaviour of zoo-living lowland gorillas (<i>Gorilla gorilla gorilla</i>)’, GAIA Zoo, Kerkrade, The Netherlands.

Conferences

Oral Presentation	27th International Congress of Entomology , Aug 2024, Kyoto, Japan. Nordic Society of OIKOS conference , March 2024. Lund, Sweden. 23rd European Congress of Lepidopterology & 11th Forum Herbulot Lepidopterology , Sep 2023. Orléans, France. 28th European Meeting for PhD Students in Evolutionary Biology , May-June 2023, FSC Millport, Scotland, Scotland.
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Social and Community Service

Aug 2025	Organizing committee at 5 th Annual Arctiinae Research Community Meeting. Virtual Meeting.
Oct 2023	Organizing committee at 33rd LUOVA Spring Symposium , Helsinki University.
Feb 2023	Organizing committee at Oikos Finland 2023 Conference , Helsinki University.

Teaching

May 2025	Teaching assistant BIO301: Basics of research work, University of Helsinki, Finland.
Dec 2021, 2022, 2024	BSc guest lecturer in a Chemical Ecology course: Maastricht University (UM) Maastricht Science Programme

Skills

Statistical skills:	R programme software, IBM SPSS
Languages:	English (fluent), Japanese (native), Dutch (basic)
Laboratory skills:	Gas Chromatography-Mass Spectrometer (GC-MS)
Visual software	Inkscape software, designing scientific logos

Reference

Prof. Johanna Mappes	University of University, Helsinki, Finland
Prof. Niklas Wahlberg	Lund University, Sweden