

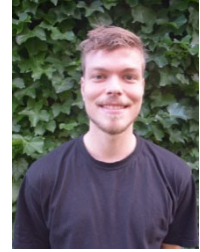
Curriculum Vitae:

Emil Ellegaard Thomassen

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Date of birth: 09-11-1991



Publications:

Jønsson, K.A., **Thomassen, E.E.**, Iova, B., Sam, K. & Thomsen, P.F. (2023). Using environmental DNA to investigate avian interactions with flowering plants, *Environmental DNA*, 00, 1-14, doi: 10.1002/edn3.393 (Published online: 31/01/2023)

Thomassen, E.E., Sigsgaard, E.E., Jensen, M.R., Olsen, K., Hansen, M.D.D., Svenning, J.-C. & Thomsen, P.F. (2023). Contrasting seasonal patterns in diet and dung-associated invertebrates of feral cattle and horses in a rewilding area, *Molecular Ecology*, 00, 1-21, doi: 10.1111/mec.16847 (Published online: 06/02/2023)

Thomassen, E.E., Sigsgaard, E.E., Jensen, M.R., Olsen, K., Hansen, M.D.D., & Thomsen, P.F. (2024). Environmental DNA metabarcoding reveals temporal dynamics but functional stability of arthropod communities in cattle dung, *Journal of Animal Ecology* (Accepted 17-05-2024).

Invited speaker:

2023: Vine and Science – Skovsgaard Gods (arrangeret af Dansk Naturfredningsforening). Presentation of results from Thomassen *et al.* (2023), preliminary data from Skovsgaard (coming research projects), and the use of environmental DNA for nature monitoring in rewilding science and investigation of ecological questions.

2022: SEGES seminar “Nature grazing”, presentation of results from Thomassen *et al.* (2023).

Scientific experience:

2018-present: Working with eDNA projects in the eDNA group at the section for Genetics, Ecology, and Evolution at Aarhus University lead by associate professor Philip Francis Thomsen.

Work with low concentration eDNA samples in the laboratory, bioinformatic assessment of next-generation sequencing data, eDNA metabarcoding, qPCR assays, water sampling and filtering through Steriwex filters, etc.

International experience:

2023: Research exchange stay at the LECA institute, University of Grenoble in the group lead by prof. Eric Coissac (5 months).

Developing skills in bioinformatics, metabarcoding data analysis and statistics.

2019: 3-months of field work in Maasai Mara, Kenya, collecting data for 2 Master’s projects investigating the

influence of cattle grazing management on vegetation and wildlife in an African savanna ecosystem.
Sampling of vegetation biomass by a disk pasture meter, animal counting in strip-transects, interaction, and sharing of findings with the local community.

Education:

2020-2021:

Master student in Biology, Aarhus University – Master’s Thesis Title:

Seasonal variation in diet and dung-associated beetles of two large herbivores in a rewilded area investigated using environmental DNA metabarcoding (subsequently published – see publication list: Thomassen et al. (2023), Mol. Ecol.)

2016-2020:

Bachelor’s Degree in Biology, Aarhus University.

Occupational experience:

2022-present:

PhD Student at Department of Biology, Aarhus University.

Research, teaching activities (e.g., invertebrate morphology and identification, experimental design in biology), dissemination of science.

2020-2021:

Student assistant at WSP Denmark

Soil sampling for wetland restoration projects

Voluntary work:

2023-present:

Member of the PhD Programme Committee at the Department of Biology, Aarhus University.

Representing Section for Genetics, Ecology and Evolution, discussing matters related to the PhD programme, e.g., teaching- and dissemination activities.

2020-2021:

Member of the Outreach committee at Institute for Biology.

Student representative, organization of dissemination activities, and formulation of dissemination strategies.

2017-2021:

Member and Treasurer at the executive committee of BFU - the student’s association at Biology, Aarhus University (Biologisk Fagudvalg).

Creation of yearly budgets, accounting, management of organization funds, organization of inspirational and social events, maintenance of student facilities at “Biologiens Hus”, communication between the students and the management at the Institute for Biology.

Certificates:

Drivers license (cat. B) – including traffic-related first aid.

Language skills:

Danish – native language

English – secondary language – fluent in speech and writing

French – speak, understand and write moderately.