

Aaron Hagen Kauffeldt



Affiliation and Contact

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Education

10/2023-09/2026 **PhD** „Effects of extreme weather events on the distribution and population dynamics of breeding birds in Germany and their implications for nature conservation“
Senckenberg Biodiversity and Climate Research Centre (SBIK-F) Frankfurt am Main & Goethe-University Frankfurt am Main (Faculty 11, Geosciences/Geography), Department of Geobiodiversity Research

Advisor: 1st Supervisor: Prof. Dr. Susanne Fritz
2nd Supervisor: Prof. Dr. Damaris Zurell
3rd Supervisor: Prof. Dr. Katrin Böhning-Gaese

Funding: Deutsche Bundesstiftung Umwelt - Doctoral Scholarship (3 years funding)

10/2020-03/2023 **Master of Science with distinction** in Ecology and Evolution
Goethe-University Frankfurt am Main (Faculty 15, Biology)

Specialization: Evolutionary Ecology of plants and global change; Community-, Macro- and Movement ecology, Conservation biology, Climate change and biodiversity adaptations, Vertebrate evolutionary genomics

M.Sc. Thesis: The effect of biotic interactions on modelling responses to climate change in an alpine ecosystem (Grade 1.0).

Advisor: 1st Supervisor: Prof. Dr. Susanne Fritz
2nd Supervisor: Prof. Dr. Claus Bässler

10/2016-10/2020 **Bachelor of Science** in Biosciences
Goethe-University Frankfurt am Main (Faculty 15, Biology)

Specialization: Plant ecology; Animal ecology, Evolution and diversity of plants, Evolution and diversity of animals

B.Sc. Thesis: Assisted migration as a forest management option to preserve German forest ecosystems in the face of climate change (Grade 1.0)

Advisor: 1st Supervisor: Prof. Dr. Wolfgang Brüggemann
2nd Supervisor: Dr. Vera Holland

Publications, public talks and posters

- 12/09/2023 Annual meeting of the German Ornithological Society - Leipzig
Poster: **A. H. Kauffeldt**, Susanne A Fritz, Eike Lena Neuschulz, Kevin Frac, Damaris Zurell & Alke Voskamp: „The effect of biotic interactions on modelling responses to climate change in an alpine ecosystem“
- 20/01/2023 Research Article: S. Winter J. de Raad, M. Wolf, R. T. F. Coimbra, M. J. de Jong, Y. Schöneberg, M. Christoph, H. von Klopotek, K. Bach, B. Pashm Foroush, W. Hanack, **A. H. Kauffeldt**, T. Milz, E. Kipruto Ngetich, C. Wenz, M. Sonnewald, M. A. Nilsson & A. Janke: „A chromosome-scale reference genome assembly of the great sand eel, *Hyperoplus lanceolatus*“
Journal of Heredity, 114(2), 189-194.
- 12/02/2021 Climate symposium „Climate change - can we still be saved? - Causes, effects and measures“ (Faculty 15 Biology Goethe-Universität Frankfurt am Main)
Talk: **A. H. Kauffeldt**: „Climate transformation in European agriculture, is that possible?“
- 12/02/2020 Climate symposium „When is enough? - Symposium on the consequences of combating and adapting to man-made climate change“ (Faculty 15 Biology Goethe-Universität Frankfurt am Main)
Talk: S. Büse, A. Flammang, **A. H. Kauffeldt**, L. Meier: „Rapid evolution of plants to adapt to increasing drought“

Grants and awards

- 10/2023-09/2026 Deutsche Bundesstiftung Umwelt Doctoral scholarship
- Projekt **A. H. Kauffeldt**: „Effects of extreme weather events on the distribution and population dynamics of breeding birds in Germany and their implications for nature conservation“
- 11/2022-04/2023 Biodiversity Ideas Competition Frankfurt `22 (Goethe-Universität Frankfurt am Main, Senckenberg Nature Research Society, Palmengarten Frankfurt am Main, City of Frankfurt am Main, Frankfurter Sparkasse)
- Projekt **A. H. Kauffeldt** & T. Milz: „Is this truly habitat? Deadwood for a living Frankfurt“

Teaching experience

- 06/2023-07/2023 & 06/2022-07/2022 Assistent in the Masters course „Community Ecology, Macroecology and Movement Ecology“ of the Master program of Ecology and Evolution at the Goethe-Universität Frankfurt am Main
- Supervision of a one-week ornithological field excursion at the Gelnhausen location of the Senckenberg Nature Research Society
 - Supervision of the macroecological practical
- 04/2020-07/2020 Tutor of a 2nd semester course of the Bachelor program of Biosciences at the Goethe-Universität Frankfurt am Main

Study and work stays

06/2023-09/2023	Davos (Switzerland) - Field work as part of the DFG project NE 1863 2-2 „The role of intraspecific variation in seed dispersal, traits and genetic diversity for the response capacity of plants to climate change.“ as research assistant
06/2022-08/2022	Davos (Switzerland) - Field work as part of the DFG project NE 1863 2-2 „The role of intraspecific variation in seed dispersal, traits and genetic diversity for the response capacity of plants to climate change.“ as student assistant
09/2021	Neuschönau (Germany) - Nature conservation course in the Bavarian Forest National Park and the Sumava Forest

Employment

10/2023-09/2026	Research Assistant Prof. Dr. Susanne Fritz (Geobiodiversity Research) at Senckenberg Biodiversity and Climate Research Centre (SBIK-F) Frankfurt am Main
04/2023-09/2023	Research Assistant Prof. Dr. Katrin Böhning-Gaese & Dr. Eike-Lena Neuschulz (Community Ecology and Macroecology) at Senckenberg Biodiversity and Climate Research Centre (SBIK-F) Frankfurt am Main
10/2021-03/2023	Student Assistant Prof. Dr. Katrin Böhning-Gaese (Community Ecology and Macroecology) at Senckenberg Biodiversity and Climate Research Centre (SBIK-F) Frankfurt am Main
04/2019-07/2019 & 04/2020-07/2020 & 11/2020	Student Assistant Prof. Dr. Brüggemann (Plant Ecophysiology) at Goethe-University Frankfurt am Main

Frankfurt am Main, 27. October 2023