

Curriculum vitae

Work experience

since 2020	Postdoctoral assistant in Ecology and Evolutionary Biology at Yale University
2017-2020	Research assistant at the University of Applied Sciences Erfurt (teaching and research)
2016-2017 (12 months)	Fellowship of the Philipps-University Marburg
2015 (3 months)	Student assistant in the DFG-Project <i>LEGATO</i> (conception and data management)
2014-2015 (13 months)	Student assistant in the BMBF-Project <i>SULAMA</i> (identification of Madagascan ants and beetles)
2014 (3 months)	Student assistant, Philipps-University Marburg (teaching)
2014 (3 months)	Student assistant in the DFG-Project <i>PROMOS</i> (spectrometry)
2013-2015	Freelancer (bird assessments)

Fieldwork

2016 (4 weeks)	DAAD-Project <i>BIS-Fogo</i> : Cape Verdes – field work (plants & birds)
2015 (6 weeks)	DFG-Project: Bale Mountains National park, Ethiopia – Field work (dragonflies, birds, grasshopper and carabid beetles)
2014 (3 weeks)	DAAD-Project <i>BioLuz</i> : Philippines – Kick-off meeting (conception of master and bachelor theses)
2013 (6 weeks)	DBU-Project: Białowieża National park, Poland – Field work (mammals, birds and plants)
2011 (14 weeks)	DFG-Project <i>PROMOS</i> : Tibetan highlands – Field work [mark-recapture and preparation of mammals, collection of Hymenoptera and Orthoptera (Senckenberg Museum Görlitz); spectrometry and vegetation mapping (Remote sensing and Geobotanics, Philipps-University Marburg)]

Summer schools, workshops and internships

2018	Workshop „From species ranges to ecosystem functions in Bavaria and beyond: Current trends and future perspectives on biodiversity dynamics in a changing world“. Organizer: Christian Hof Workshop „Congruence of biodiversity facets“ (iDiv, Leipzig). Organizer: Marten Winter
2016	Workshop „Biotic interactions and joint species distribution models“ (GfÖ, Marburg). Organizer: Carsten Dormann and Casper Kraan Training Distributed European School of Taxonomists „Entomology with specialization in fossil insects: Phylogeny, biogeography, and paleoecology“. Lecturer: André Nel (Muséum National d'Histoire Naturelle, Paris) Summer school „Biodiversity synthesis and integration“. Organizer: Stan Harpole (iDiv, Leipzig) Summer school „The use of phylogenies in the study of macroevolution“. Lecturer: Juan Cantalapiedra (Transmitting Science, Barcelona)
2015	Workshop „GFBio Data Management“ (GfÖ, Göttingen) Summer school „Mountain ecology and biogeography“. Lecturer: George Miede and Wolfgang Zech

2010 Internship „Dragonfly systematics“ (Naturalis Biodiversity Centre, Leiden),
Lecturer: K.-D. Dijkstra
2010 Ringing course (MPI for Ornithology, ornithological station Radolfzell),
Lecturer: Wolfgang Fiedler

Scientific engagement

2019 Session chair „Macroecology and Biogeography: Understanding generalities
that shape the phylogenetic, functional and taxonomic diversity on Earth“
Annual meeting of the GfÖ in Münster
2019 Co-organizer of the DO-G 2019 in Marburg
2016 Co-organizer of the GfÖ 2016 in Marburg
since 2015 Management of the GdO website
since 2014 Reviewer for various peer-review journals (see publons.com/a/1494019)

IT-Skills

Operating systems	Windows, Unix
GIS/Remote sensing	QGIS, SAGA, ArcGIS
Programming	R, command line, html

List of publications

Peer-review articles (accepted)

- Franke S., Brandl R., Heibl C., Mattivi A., Müller J., **Pinkert S.** and Thorn S. (in press) Predicting regional hotspots of phylogenetic diversity across multiple species groups. *Diversity and Distributions*.
- Pinkert S.**, Friess N., Zeuss D., Gossner M.M., Brandl R. and Brunzel S. (in press). Mobility costs and energy uptake mediate the effects of morphological traits on species' distribution and abundance. *Ecology*. DOI: <https://doi.org/10.1002/ecy.3121>
- Hemp C., Scherer C., Brandl R. and **Pinkert S.** (in press). The origin of the endemic African grasshopper family Lentulidae (Orthoptera: Acridoidea) and its climate-induced diversification. *Journal of Biogeography*. DOI: <https://doi.org/10.1111/jbi.13880>
- Leitão P.J., Andrew C.J., Engelhardt E.K., Graham C.H., Martinez C., Mimet A., **Pinkert S.**, Schröder B., Voskamp A., Hof C. and Fritz S.A. (2020). Macroecology as a hub between research disciplines: Opportunities, challenges and possible ways forward. *Journal of Biogeography* 47: 13–15. DOI: <https://doi.org/10.1111/jbi.13751>
- Stelbrink P., **Pinkert S.**, Brunzel S., Kerr J., Wheat C.W., Brandl R. and Zeuss D. (2019). Colour lightness of butterfly assemblages across North America and Europe. *Nature Scientific Reports* 9, DOI: <https://doi.org/10.1038/s41598-018-36761-x>
- Pinkert S.**, Dijkstra K.-D.B., Zeuss D., Reudenbach C., Brandl R. and Hof C. (2018). Evolutionary processes, dispersal limitation and climatic history shape current diversity patterns of European dragonflies. *Ecography* 41: 795–804. DOI: <https://doi.org/10.1111/ecog.03137>
- Pinkert S.** and Zeuss D. (2018). Thermal biology: Melanin-based energy harvesting across the tree of life. *Current Biology* 28: 884–887. DOI: <https://doi.org/10.1016/j.cub.2018.07.026>
- Wang Y., Lehnert L., Holzapfel M., Schultz R., Heberling G., Görzen E., Meyer H., Seeber E., **Pinkert S.**, Ritz M., Ansorge H., Bendix J., Seifert B., Miehe G., Long R., Yang Y. and Wesche K. (2018). Multiple indicators yield diverging results on grazing degradation and climate controls across Tibetan pastures. *Ecological Indicators* 93: 1199–1208. DOI: <https://doi.org/10.1016/j.ecolind.2018.06.021>
- Dormann, C., Borowski M., Dehling M.D., Hartig F., Lischke H., Moretti M., Pagel J., **Pinkert S.**, Schleuning M., Schmidt S.S., Sheppard C., Steinbauer M.J., Zeuss D. and Kraan C. (2018). Biotic interactions in species distribution modelling: Eleven questions to guide interpretation and avoid false conclusions. *Global Ecology and Biogeography* 27: 1004–1016. DOI: <https://doi.org/10.1111/geb.12759>
- Pinkert S.**, Nel A. and Di-Ying H. (2017). A new hawk dragonfly from the Middle Jurassic of China (Odonata: Aeshnoptera). *Comptes Rendus Palevol* 16: 378–381. DOI: <https://doi.org/10.1016/j.crpv.2017.01.006>
- Pinkert S.**, Bechly G. and Nel A. (2017). First record of hawk dragonflies from Eocene Baltic amber (Odonata: Anisoptera: Gomphaeschnidae). *Zootaxa* 4272: 263–275. DOI: <https://dx.doi.org/10.11646/zootaxa.4272.2.7>
- Pinkert S.**, Brandl R. and Zeuss D. (2016). „Colour lightness of dragonfly assemblages across North America and Europe“. *Ecography* 40: 1110–1117. DOI: <https://doi.org/10.1111/ecog.02578>

Conference talks

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| 2019 | GfÖ Annual meeting, University Münster
Annual meeting on “European Butterflies and Moths”, UfZ Leipzig |
| 2018 | GfÖ Annual meeting of the macroecology specialist group, WSL Zürich |
| 2017 | GfÖ Annual meeting of the macroecology specialist group, University Wien
Geobiodiversity Conference, Senckenberg Biodiversity and Climate Research Center and Natural History Museum Frankfurt (Main)
International Congress of Odonatology (ICO), Clare College Cambridge |
| 2016 | GfÖ Annual meeting, Philipps University-Marburg |

Teaching experience

Supervised theses

ongoing	PhD Thesis of Daniel-Acquah Lamptey: "Diversity and conservation of European and African dragonfly species" PhD Thesis of Laura Mähn: "Functional–phylogenetic diversity of European and African insects" M.Sc. Thesis of Ricarda Laumeier: „Colour lightness of European and African amphibian assemblages“ B.Sc. Thesis of Carolin Schlarb: „Historical drivers of the phylodiversity of the mammals of the world“ B.Sc. Thesis of Jana Schenider: „Morphological determinants of the phenology of butterflies and dragonflies“
2019	M.Sc. Thesis of Chen Yuchen: „Trade-offs between body size and colour lightness in insects“ B.Sc. Thesis of Carolin Herbig: „Classifying energy uptake and allocation strategies of butterflies based on field observations“ B.Sc. Thesis of David Langenohl: „Revisiting Bergmann’s and Allen’s rule for the birds of the world“ B.Sc. Thesis of Rachel Schülke: „Contrasting strategies of thermoregulation in African and European dragonflies“
2018	B.Sc. Thesis of Ricarda Laumeier: „Geographical distribution of colour fullness and colour lightness in European leaf beetles“
2017	B.Sc. Thesis of Roxane Papawassiliou „Ancestral trait reconstruction of the papilionid butterflies of the world“

List of projects

Acquired third-party funding

2018	„Functional–phylogenetic diversity in European and African freshwater systems“ (DFG, Projektnummer: 409487552)
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