

EDUCATION

PhD Student - Newcastle University (2020 – March 2025)

- “Biodiversity responses to infrastructure pressure in the Heart of Borneo, Brunei Darussalam”
- Organised and conducted primary data collection during remote fieldwork in tropical rainforest in Brunei Darussalam, including camera traps, passive acoustic monitors, and vegetation survey techniques
- Developed and conducted household surveys and interviews to investigate perceptions of nature, wellbeing, and hunting behaviour.
- Final analyses include occupancy analyses, generalised linear mixed models and spatial scenario modelling

MSc Ecology, Evolution and Conservation – Imperial College London (2017 – 2018) - *Merit*

- Dissertation project: “Effects of habitat and matrix type on avian functional diversity”, investigating the effect of human land-use change on biodiversity of birds in the Brazilian Atlantic Forest
- Developed skills such as coding and statistical analysis in R, analysis, and interpretation of scientific data, communicating effectively through scientific writing and oral presentations, field ecology skills

BA Hons Biological Sciences - Christ Church, University of Oxford (2013 – 2016) – *2:1*

- Studied under the tutorial system, developing skills such as effective communication, working well under pressure, thinking on my feet, and excellent time management
- Received the following awards from Christ Church college based on academic merit: £300 Scholarship (2015), £200 Exhibition (2014), £150 Slade Prize (2016)

EXPERIENCE

Aug 2023 – Feb 2024

Lead Adviser for Favourable Conservation Status, *Natural England*

- Investigated spatial conservation prioritisation modelling approaches to developing a place-based FCS strategy as part of Natural England’s Purbeck Heaths pilot, balancing synergies and conflicts between species and habitats

Dec 2022 – Sep 2024

Research Assistant, *Modelling Evidence and Policy Group, Newcastle University*

- Supporting an ongoing Equality, Diversity and Inclusion project on safety and inclusion in fieldwork in the environmental sciences

Mar – Jun 2023

Scholars Programme Tutor, *The Brilliant Club*

- Delivered 1-hour weekly tutorials to KS3 students supporting young people from less advantaged backgrounds to access university

Jan – Apr 2020

Laboratory Assistant, *Institute of Integrative Biology, University of Liverpool*

- Carried out experiments investigating the effects of climate change on fertility and mating in *Drosophila* species

Jan 2019 – Jan 2020

Freelance Scientific Editor, *Cactus Communications Services Pte Ltd*

Apr – Oct 2019

Freelance Ecological Surveyor, *TEP*

Jun – Jul 2019

Habitat Surveyor, *Operation Wallacea*

- Led surveys assessing tropical forest structure in Buton, Indonesia, adding to a long-term scientific dataset and contributing to local conservation

Natasha L. M. Mannion, Joseph K. Charles, Rachel Gaulton, Jerry Wong Sia How, Salwa Khalid, Marion Pfeifer, J. W. Ferry Slik (2023). A novel white mouse deer observation in Brunei Darussalam. *Mammalia*, vol. 87, no. 6, pp. 587-590. <https://doi.org/10.1515/mammalia-2023-0080>

Alice Oswald, **Natasha Mannion**, Philip A. Stephens, Philip J.K. McGowan, Stephen G. Willis (2024). What is Favourable Conservation Status?: A Scoping Review Protocol Collaboration for Environmental Evidence. <https://doi.org/10.57808/proceed.2024.22>

Natasha L. M. Mannion, Salwa Khalid, Rachel Gaulton, Jerry Wong Sia How, Marion Pfeifer, J.W. Ferry Slik, Stephen G. Willis, T. Ulmar Grafe (2024). New sightings of Bornean Ground-cuckoo *Carpococcyx radiceus* in Brunei, with notes on habitat preferences and association with bearded pigs. *BirdingAsia* 41 37-47.

Rudi L. Verspoor, Jack M. L. Smith, **Natasha L. M. Mannion**, Gregory D. D. Hurst, Tom A. R. Price (2018). Strong hybrid male incompatibilities impede the spread of a selfish chromosome between populations of a fly. *Evolution Letters*, 2(3), pp. 169–179

Benjamin S. Walsh, **Natasha L. M. Mannion**, Tom A. R. Price, Steven R. Parratt. (2020). Sex-specific sterility caused by extreme temperatures is likely to create cryptic changes to the operational sex ratio in *Drosophila virilis*. *Current Zoology*, 67(3), pp. 341–343

Forthcoming

Natasha Mannion, Laura Braunholtz, Marion Pfeifer, Rebekah Puttick. Chapter 32: Biodiversity, function, and change of the tropical rainforests of Borneo. *Terrestrial Biomes: Global Biome Conservation and Global Warming Impacts on Ecology and Biodiversity*. Elsevier Science. ISBN: 9780443365690. Publication date April 2025.

Under review

Natasha L. M. Mannion, Rachel Gaulton, Maria Erica Jamil, Marion Pfeifer, Johan Willem Ferry Slik, Stephen G. Willis, F. Merlin Franco. Hunting motivations, behaviour, and forest access: characterising wildlife hunting practices in a multi-ethnic, forested landscape of Brunei Darussalam, Southeast Asia. *People and Nature*.

Mair, Louise, Hardwick, James, **Mannion, Natasha**, Braunholtz, Laura, Carlin, Briony, Sikka, Tina, Hopkins, Peter, Pattison, Zarah. Improving university policies and risk assessment to support inclusive fieldwork. *Ecological Solutions and Evidence*.

TRAINING AND COURSES

- **MSc GIS and Remote Sensing module, Newcastle University (2020)**
 - How to use GIS in the environmental sciences
 - How to manage and process remotely sensed data
 - ArcGIS and ENVI
- **infohackit Online Design Training Programme for Researchers (2021)**
- **Fieldwork/Outdoor First Aid course, Marlin Training (2022)**
- **Outreach and Engagement Training at Durham University (2022)**
- **Environmental Educator Training Day with British Ecological Society (2022)**
- **Postgraduate Researcher Development Programme Training (2020 – present)**
- **Software Carpentries Workshop (2023)**
 - The Unix Shell, Version Control with Git, Programming with Python

GRANTS

Global Partnerships Fund - £5000 (2024)
RGS-IBG Postgraduate Research Award - £1000 - (2022)
QR Participatory Research Funding - £5000 - (2022)
HASS Pioneer Award - £1000 - (2021)
Turing Fund – £1651 - (2021)

CONFERENCES, EVENTS, AND TALKS

British Ecological Society Annual Meeting in Liverpool (poster presentation, 2024)
Association for Tropical Biology and Conservation Annual Meeting in Kigali, Rwanda (oral presentation, 2024)
IAPETUS DTP conference at Newcastle University (lead organiser and 20-minute spoken presentation, 3-day event, May 2023)
Student Conference on Conservation Science at the University of Cambridge (attendee, 3-day event March 2023)
IAPETUS DTP conference at Durham University (10-minute spoken presentation, 2-day event, September 2022)
School of Natural and Environmental Sciences Student Conference Newcastle University (online poster presentation, 2021)
IAPETUS DTP conference at Edinburgh Zoo (in-person poster presentation, 3-day event, November 2021)

enviroSPRINT 2021

- 3-day online event for postgraduate researchers
- Developed innovative solutions according to the needs of policy makers, industry and third sector organisations in the environmental sciences as part of interdisciplinary teams of PGRs and stakeholders

Other public speaking – including a departmental talk at Universiti Brunei Darussalam, a public talk with the Brunei Nature Society, a public 1829 talk with Natural History Society of Northumbria and a guest seminar speech for “Dynamics of coupled human-natural systems” MSc module at Newcastle University