

# Benjamin Michael Marshall

2025

## Education

- 2021-2025 PhD in Ecology | *University of Stirling, UK*  
"Exploring researcher choice in movement ecology and habitat selection studies"
- 2017-2018 Master of Science by Research in Biological Sciences | *Bangor University, UK*  
"Investigating the potential susceptibility of selected Malagasy species to the toxins produced by the Asian Common Toad (*Duttaphrynus melanostictus*)"
- 2011-2015 Master of Arts (Scot.) with Honours of the Second Class (Division I) in Geography | *University of St Andrews, UK*  
"The timing and extent of *Betula* decline during the Landnám period in Skaftártunga, Southern Iceland"

## Experience

- 2024-2025 Postdoctoral Research Assistant | *University of Glasgow, UK*
- 2019 Freelance Typesetter and Designer | *UNESCO Dossier, Khorat Geopark, Thailand*
- 2017-2021 Researcher | *Suranaree University of Technology, Thailand*
- 2015-2016 Research Assistant | *Sakaerat Conservation and Snake Education Team, Thailand*
- 2011 Volunteer Research Assistant | *Operation Wallacea, Madagascar*
- 2009-2014 Freelance Photographer and Designer | *Photography, Logo and Poster Design*

## Publications

Published 33 papers (13 first author); publication list is available online: <https://orcid.org/0000-0001-9554-0605> & <https://scholar.google.com/citations?user=Kl5GGjkAAAAJ&hl=en>.

### Selected Highlights

**Movement** Marshall BM, et al. 2020. No room to roam: King Cobras reduce movement in agriculture. *Movement Ecology* 8:33. DOI: 10.1186/s40462-020-00219-5

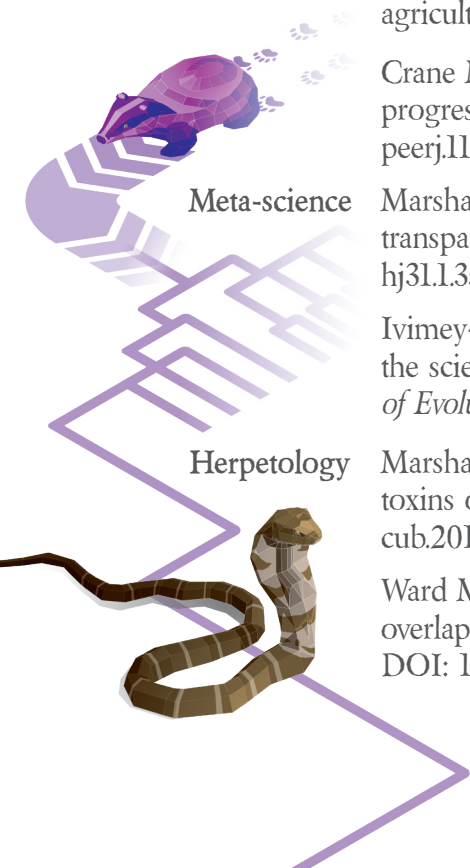
Crane M, Silva I, Marshall BM, Strine CT. 2021. Lots of movement, little progress: a review of reptile home range literature. *PeerJ* 9:e11742. DOI: 10.7717/peerj.11742

**Meta-science** Marshall BM, Strine CT. 2021. Make like a glass frog: In support of increased transparency in herpetology. *The Herpetological Journal* 31:35–45. DOI: 10.33256/hj31.1.3545

Ivimey-Cook ER, ... Marshall BM, et al. 2023. Implementing code review in the scientific workflow: Insights from ecology and evolutionary biology. *Journal of Evolutionary Biology* 36:1347–1356. DOI: 10.1111/jeb.14230

**Herpetology** Marshall BM, et al. 2018. Widespread vulnerability of Malagasy predators to the toxins of an introduced toad. *Current Biology* 28:2194. DOI: 10.1016/j.cub.2018.06.012

Ward M, Marshall BM, et al. 2021. Nonchalant neighbors: Space use and overlap of the critically endangered Elongated Tortoise. *Biotropica* btp.12981. DOI: 10.1111/btp.12981





Wildlife Trade Marshall BM, Strine C, Hughes AC. 2020. Thousands of reptile species threatened by under-regulated global trade. *Nature Communications* 11:1–12. DOI: 10.1038/s41467-020-18523-4

Marshall BM, et al. 2022. Searching the web builds fuller picture of arachnid trade. *Communications Biology* 5:448. DOI: 10.1038/s42003-022-03374-0

## Presentations, Posters, and Talks

Presented 8 conference talks and 6 posters at national/international conferences. Awarded prizes for best poster twice, best visuals/graphics twice, and best oral presentation. Invited to give 4 non-conference talks on the wildlife trade and king cobra movement ecology.

## Skills

Data analysis R & C++ programming | *Bayesian regression models, species distribution models, movement modelling, web scraping, survival analysis, data visualisation, agent-based modelling, data simulation, hierarchical modelling*

ArcGIS & QGIS | *mapping, spatial analysis*

Design Adobe & Affinity software suites | *graphical abstracts, posters, presentations, dossier/report creation, art prints, mapping, illustration*

Other Peer review, Clean UK driver's license (with off-road experience), Photography, Microsoft Office, Git version control, Audio and video editing

## Outreach

Podcast Herpetological Highlights | *Co-created a podcast since 2017, >200 episodes highlighting and translating scientific papers for a broad audience*

Interviews Invasive toads, arachnid trade, king cobra movement | *Interviewed by journalists from the Independent and New Scientist, and aided in a BBC documentary*

## Workshops

Conducted 12 workshops across Thailand, the UK, the Netherlands, and India, on topics such as animal movement data analysis, data visualisation, and introductions to R programming.

Attended 17 workshops, learning about data analysis methods, equality and diversity, presentation techniques, data publishing, and open science.

## Selected Highlights

Conducted Safely share tracking data: develop best practice for anonymising threatened species location data - Hackathon | *SORTEE, Online*

Dynamic Brownian Bridge Movement Models for animal movement | *Venomous Snakes as Flagship Species Conference, Arnhem, The Netherlands*

Attended Flexible hidden Markov models using hmmTMB in ecology | *Online*

Wildlife Statistics Bootcamp | *Suranaree University of Technology, Thailand*

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