

---

# CURRICULUM VITAE: DANIEL J NICHOLSON

---

+447825983756 | [d.nicholson@qmul.ac.uk](mailto:d.nicholson@qmul.ac.uk)

[ResearchGateProfile](#) | [PersonalWebsite](#)

## Education

**PHD ENVIRONMENTAL SCIENCE | NERC LONDON DTP | QUEEN MARY UNIVERSITY LONDON | 2016-2020**

- **Thesis:** Evolutionary Ecology in Tropical Lizards; Microevolution in Response to Environmental Change.
- **Supervisors:** Dr Robert Knell (QMUL), Prof Trenton Garner, (IOZ) and Dr Michael Logan (STRI)

**MRES BIODIVERSITY & CONSERVATION | GRADE: MERIT | UNIVERSITY OF LEEDS | 2012 - 2013**

- **Focused on:** Invasive biology, statistics, GIS, habitat suitability models, population dynamics and community ecology.
- **Research Project 1:** Resource competition between co-occurring UK invasive crustaceans, based in the Dunn Group; University of Leeds.
- **Research Project 2:** Comparative study of invasive/native reptile population abundance, morphology and reproductive output, based on the Cayos Cochinos archipelago: Honduras

**BSC(HONS) ZOOLOGY | GRADE: 2:1 | UNIVERSITY OF DERBY | 2009 - 2012**

- **Focused on:** Conservation, behavioural ecology, management, vertebrate and invertebrate biology.

---

## Publications

**Nicholson, D.J.** Tapley, B. Jayson, S. Dale, J. Harding, L. Spencer, J. Sulton, M. Durand, S. and Cunningham, A.A., 2018. In-situ live food production for the mountain chicken frog (*Leptodactylus fallax*; Müller, 1926) in Dominica, West Indies; nutritional quality over prey species quantity. *Amphibian and Reptile Conservation*. 11(2), 59-68.

**Nicholson, D.J.** Hassall, C. Frazier, J.A., 2015. Comparison of a native and a non-native insular reptile species. *Journal of Tropical Ecology*, 31(6), pp563-566.

---

## Grants & Awards

**Smithsonian Pre- Doctoral Fellowship 2018 - \$20,000**

---

## Experience

**INCOUNTRY PROJECT MANAGER | ZOOLOGICAL SOCIETY OF LONDON | OCT 2015 – JULY 2016**

**Dominican Mountain Chicken Project; Dominica.**

- Captive husbandry of a critically endangered amphibian (*Leptodactylus fallax*).
- Research on remaining wild population and chytrid fungus (*Batrachochytrium dendrobatidis*) prevalence.
- Public outreach to prevent human predation/promote conservation.
- Working in conjunction with the Dominica Forestry Division and representing the ZSL in Dominica.

## **SCIENCE LEADER | BRITISH EXPLORING SOCIETY | JULY-AUG 2015**

### **Manu National Park; Peru.**

- Biodiversity monitoring in Manu National Park, to contribute to data collected by the CREES Foundation.
- Amphibian, mammal, invertebrate sampling including large mammal camera trapping.
- In-situ education of students, topics including: tropical ecology, conservation, field ecology and climate change.

## **RESEARCH ASSISTANT | AUSTRALIAN NATIONAL UNIVERSITY | SEP-DEC 2014**

### **Christmas Island; Indian Ocean Australia.**

- Island wide investigation into the threat of species invasion (rats, centipedes and snakes) on endangered endemics.
- Development of future threat mitigation plans.
- Work alongside Christmas Island National Parks on island surveys and reptile breeding programmes.

## **SCIENCE LEADER | BRITISH EXPLORING SOCIETY | JULY-AUG 2014**

### **Namib Desert; Namibia.**

- Teaching and supervisory role, educating, leading and mentoring young explorers in the Namib Desert.
- Topics of education: African ecology, human – animal conflict, field ecology, conservation and research methods.
- Co-leading a week-long expedition across the Namib Desert to the Skeleton Coast.

## **TROPICAL ECOLOGIST | OPERATION WALLACEA | JUNE-JULY 2014**

### **Cusuco National Park; Honduras.**

- Research of a post chytrid population of amphibians (abundance, distribution and population size).
- Working as part of a multi-disciplinary team to investigate effects of deforestation on biodiversity.
- Pit viper morphology and stable isotope research.

## **RESEARCH ASSISTANT | NATIONAL UNIVERSITY OF SINGAPORE | JAN-APR 2014**

### **Khao Sok National Park/Khlong Saeng Wildlife Sanctuary; Thailand.**

- Investigating the effect of forest fragmentation, due to a hydroelectric dam, on biodiversity and species abundance.
- Responsible for reptile biodiversity project design, research, and management.
- Extensive camera trapping methods to observe and monitor abundance and diversity of endangered large mammals.

## **TROPICAL ECOLOGIST | OPERATION WALLACEA | JUNE-AUG 2013**

### **Cayos Cochinos archipelago; Honduras.**

- Teaching/supervising undergraduate dissertation students.
- Organization of data collection, project design and data analysis for several UG research projects.
- Extensive work with endangered reptile morphology, behaviour, ecology and population distribution.

---

## **Affiliations**

- **British Ecological Society** - Member
- **Royal Geographical Society** – Fellow
- **Society for the Study of Evolution** - Member