

CATHARINA KARLSSON

PERSONAL INFORMATION

- Address • Department of Biological Sciences, National University of Singapore, 14 Science Drive 4, S3-1, Singapore 117543
- E-mail • catharina@catharinakarlsson.com
- Mobile • +65 93559707
- Date of Birth/ Age • 29th September, 1984/ 32
- Languages • English – Fluent; Swedish – Mother tongue
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EDUCATION & QUALIFICATIONS

- 2014 – ongoing • **National University of Singapore, Singapore**
• PhD, Theoretical Ecology and Modelling lab.
• Project title: “Optimal monitoring and survey design of Amphibians in Southeast Asia”.
- 2012 – 2014 • **Uppsala University, Sweden.**
• MSc. Biology.
• Thesis: “Does avian malaria affect the provisioning rate of Collared Flycatchers (*Ficedula albicollis*)?”
- 2010 – 2011 • **Imperial College London, United Kingdom.**
• M.Res. Ecology, Evolution and Conservation.
• First Thesis: “Systematics, Ecology and Conservation of Cameroon Caecilians (*Gymnophiona*)”
• Second Thesis: “Assessment of the genetic variation within and between populations of *Centarium scilloides* (Genetianaceae)”
- 2007 – 2010 • **Anglia Ruskin University, Cambridge, United Kingdom.**
• B.Sc. Combined Hons. Animal Behaviour and Ecology and Conservation (2:1).
• Dissertation: “Group Stability and Vigilance direction in male Alpine Ibex (*Capra ibex*)”.
- 2007 • **Open University, United Kingdom**
• Certificate in Natural Science
- 2000 – 2003 • **Tannbergsskolan, Lycksele, Sweden (Upper Secondary School).**
• Natural resource and use programme, Animal keeping.

EMPLOYMENT EXPERIENCE

- 2012 - ongoing • **Research assistant** – Anglia Ruskin University, Statistical Power Project,
2013 - ongoing • **Intern** – IUCN ASG Amphibian RLA, red listing of amphibian species, remote.
2013 - 2013 • **Field assistant** – Uppsala University, Öland field site, Sweden.
2011 - 2012 • **Sales assistant** – Rohan Travel Clothing, Cambridge, UK.
2011 - 2011 • **Teaching assistant** – Anglia Ruskin University, statistical module, UK.
2010 - 2010 • **Intern** – Anglia Ruskin University – The Power of Statistics, UK
2010 - 2010 • **Volunteer** – Birdlife International – Data entry with the science team, UK
2007 - 2010 • **Cashier** – Sainsbury’s, Cambridge, UK.
2006 - 2007 • **Receptionist** – European Commission, Dublin, Ireland.
2007 - 2007 • **Receptionist** – Re:refresh Day Spa, Dublin, Ireland.
2006 - 2006 • **Customer care rep.** – Meteor Mobile comms, Dublin, Ireland.
2005 - 2006 • **Service Technician** – Rentokil Tropical Plants, Dublin, Ireland.

SCHOLARSHIPS AND GRANTS

- 2017 • **Lu Yinru Travel Scholarship**– Travel Award for JMIH 2017 (SGD 1000).
- 2017 • **ASIH**– Travel Award for JMIH 2017 (US\$ 800).
- 2016 • **WRSCF** – Automated Acoustic Monitoring in Singapore (US\$ 44,400).
- 2016 • **Idea Wild** – Equipment grant for Sennheiser microphone (US\$ 800).
- 2016 • **WCH Scholarship** – Award to attend the World Herpetology Congress (US \$800)
- 2016 • **CDL scholarship** – Award to attend the ATBC-SCB Asia 2016 conference (US \$250)
- 2016 • **National Geographic Society Conservation Grant Asia** – Automatic Acoustic Monitoring on Mount Kinabalu (US \$ 28,290)
- 2016 • **MBZ species conservation grant** – towards research on habitat effects on *Ansonia platysoma* in Kinabalu Park (US \$12,000).
- 2015 • **ICCB travel award** – Award to attend the ICCB conference (US \$500).
- 2015 • **CEED/QAECO Travel Fellowship** – Lab exchange with Melbourne University and Australia National University for three months (3000AUD)
- 2014 - 2018 • **SINGA Scholarship** – PhD scholarship with National University of Singapore.
- 2010 • **Research internship** – Animal and Environmental Research Group, Anglia Ruskin University (£2000)

CONFERENCE ATTENDANCE

- 2017 • **Joint Meeting of Ichthyologists and Herpetologists** – Presentation: Temporal partitioning in calling activity of the amphibian community in Kinabalu Park. habitat variables on occupancy.
- 2016 • **World Herpetology Congress** – Presentation: *Ansonia platysoma*, the effect of habitat variables on occupancy.
- 2016 • **Conservation Asia** – Presentation: Automated acoustic monitoring: current use and challenges.
- 2015 • **Biological Sciences Graduate Student Congress** – Poster: Optimal time allocation between sites under limited time and differing detection rates.
- 2015 • **ICCB-ECCB Montpellier** – Speed presentation: Training region effects on Species Distribution Models
- 2014 • **SCB Asia Melacca** – Presentation: Statistical Power in Conservation.

PUBLICATIONS

- Hawkins, D. Gallacher, E. Gammell, M., 2013. Statistical power, effect size and animal welfare: recommendations for good practice. *Animal Welfare*. 22, pp. 339-344.

OTHER DETAILS

- **World Herpetology Congress** – Student committee member (since 2016)
- **American Society for Ichthyologists and herpetologists** – Student member (since 2016)
- **Society of Conservation Biology** – Student member 75832 (since 2014)
- **International Society of Behavioural Ecology** – Student member (since 2013)
- **Associate member of the Society of Biology** – No: 107010 (since 2010)
- **Student member of the British Ecological society** – No: 000139907 (since 2011)
- **Anglia Ruskin Wildlife Society** – Treasurer (2007-2010)
- **Off road training** – Expedition training with RGS (2009)
- **PADI** – Advanced open water(2009), Nitrox (2010), experience of Reef Check methods.
- **Full clean driving licence** – B, certified in Sweden.