



# Julie Koch Sheard

Ecologist, MSc & Citizen Scientist  
ANT GIRL

## PROFILE

PhD student wrapping up her thesis on biogeography, community composition and conservation with a strong focus on citizen science.

Experience in database management, Bayesian occupancy modelling and species distribution modelling. Co-founder of the Danish Citizen Science Network with ties to national and international NGOs, universities and other organisations.

## SPECIFIC SKILLS

- Fluent Danish and English
- Digitalisation and database handling
- Species distribution modelling and Bayesian occupancy modelling
- Public and volunteer engagement
- Strong written communication skills within science and popular science
- Proficient user of Microsoft Office, ArcGIS and R. Knowledge of SAS, JMP and MapInfo
- Student teaching and supervision

## PERSONAL INFORMATION

Birthday: March 24<sup>th</sup>, 1989

Nationality: Danish

## CONTACT

Center for Macroecology, Evolution and Climate

Universitetsparken 15, Bygning 3, 2. sal

2100 København Ø, Denmark

Address

+45 42 95 42 46

Phone

julie.koch.sheard@gmail.com

E-mail

[www.juliesheard.com](http://www.juliesheard.com)

Website

## EDUCATION

**PhD student | CMEC, Copenhagen University, DK** **Oct. 2016-Present**

Thesis title: Ant communities - Biogeography, Conservation & Citizen Science

Supervisors: Professor Carsten Rahbek, Professor Nathan Sanders and Professor Robert Dunn

**PhD student | Brown University, US** **2015-2016**

The climatic niche of native and exotic plants. Field work and herbarium work.

Supervisor: Professor Dov F. Sax

**MSc in Biology, Copenhagen University, DK** **2012-2015**

Thesis title: The Climatic Niche of *Rosa rugosa* - Differences in Natural and Exotic Distributions

Supervisors: Associate professor Hans Henrik Bruun & Assistant professor Katharine Ann Marske

**BSc in Biology, Copenhagen University, DK** **2008-2012**

Thesis title: Dispersal, activity and habitat preference of the invasive raccoon dog (*Nyctereutes procyonoides*) in Denmark

Supervisor: Associate professor Jes Sjøe Pedersen

## PROFESSIONAL EXPERIENCE

**Research assistant | CMEC, Copenhagen University, DK** **2013-2015**

Monitoring of biodiversity and microclimate in Lille Vildmose. Registering of vascular plants and mosses (Project BIOWIDE). Part-time.

**Student assistant | Danish Nature Agency, DK** **2013-2015**

Administration of the CITES convention in Denmark, including case-handling and species identification. Part-time.

**Student assistant | Danish AgriFish Agency, DK** **2010-2013**

EU pilot project on cameradocumented fisheries, incl. Species identification. Part-time.

**Project leader | House of fishery and harbour, DK** **2011-2013**

Development and initiation of marine educational events for schools and tourists.

Focus on the life in Isefjord and Kattegat and the importance of oceans for humans. Summer job

**Nature guide | the Limfjord museum, DK** **2010 & 2013**

EU project "From the fjord to the table". Entertaining and educational talks for tourists about the biodiversity and history of the Limfjord. Daily excursions into the water with waders and snorkels. Summer job.

## VOLUNTEER EXPERIENCE

**Co-Founder | The Danish Citizen Science Network** **2018-Present**

Co-founder and leader of the Danish citizen science network and web admin for [www.citizenscience.dk](http://www.citizenscience.dk). The network consists of people from at least 17 organisations.

**Public speaker | Various festivals and events** **2017-2019**

Talks at Bloom Festival, Copenhagen, eight schools on Zealand during Science visits (Videnskaben på besøg), BugFest, an insect festival in the Botanical Gardens, Copenhagen, Culture Night, Science Talents in Sorø

**Teaching assistant | Copenhagen University** **2014-2019**

Teaching assistant during the MSc course 'Biodiversity and Climate Change' (2017), lecturer and teaching assistant during the joint BSc/MSc course 'Conservation' (2016-2017), lecturer and teaching assistant during the MSc course Invasion biology (2014-2019), lecturer during the PhD course EuroAnts (2017 and 2019)

**Conference organiser | Various venues** **2014-2019**

Danish Citizen Science Symposium 2019, The Danish Biodiversity Symposium 2017, Wilhelm+11 'Under the surface of the ocean' 2012