

James Reeve, M.Sc.

Tjärnö marina laboratorium
Göteborgs Universitet
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Education

B.Sc. February 2012- December 2014
Duel Major: Zoology / Genetics
University of Queensland, Brisbane, Australia

B.Sc. with Honours February – December 2015
Department of Biological Sciences
University of Queensland, Brisbane, Australia
Supervisors: Dr. Jan Engelstädter & Dr. Daniel Ortiz-Barrientos

M.Sc. January 2017 - October 2019
Department of Biological Sciences
University of Calgary, Canada
Supervisor: Dr. Sam Yeaman

Ph.D. October 2019 – Current
Institution för marina vetenskaper
Göteborgs Universitet, Sweden
Supervisors: Dr. Roger Butlin & Dr. Kerstin Johanneson

Volunteering

Lab Technician, Engelstädter Lab, University of Queensland, Brisbane, Australia.
January 2016 – June 2016

Publications

Papers:

Reeve J, Ortiz-Barrientos D, Engelstädter J 2016. The evolution of recombination rates in finite populations during ecological speciation. *Proc. R. Soc. B* **283**: 20161243.

Reeve J, Li Q, Yeaman S in Prep. A comparison of genomic patterns among three species of Gasterodiea fishes.

Theses:

Reeve J 2019. The genetic basis of convergent evolution among three species of fishes. *The Vault, University of Calgary*. <http://hdl.handle.net/1880/111199>

Teaching Experience

Teaching Assistant:

- Ecology (2017; University of Calgary)
- Evolutionary Biology (2018; University of Calgary)
- Quantitative Biology “Statistics” (2018; University of Calgary)
- Grundläggande evolutionära och ekologiska principer [Basic principles in evolution and ecology] (Jan 21-22 2020; Göteborgs Universitet)

Supervision:

- Gymnasium (upper-high school) project (Autumn 2020; Strömstads Gymnasium)

Technical and Communication Skills

- Bioinformatics:
 - GATK and other Broad Institute packages
 - BWA
 - Samtools
 - VarScan2
- Coding:
 - R (including ggplot2)
 - Mathematica
 - Basic Linux command line & AWK
- Wet Lab:
 - DNA extractions (Qiagen kit & Phenol-chloroform extractions)
 - Microbiology (bacterial cultures)
 - Snail dissections
- Planning and conducted field sampling
- Coordinating between labs in two countries
- Piloting small boats (< 6m)
- Conversational fluency in German & Swedish

Conferences

Talks:

- Society for the Study of Evolution, Portland, OR, USA (**June 2017**). *The evolution of recombination rate in finite populations during ecological speciation.*
- Society for the Study of Evolution, Providence, RI, USA (**June 2019**). *The genetic basis of convergent evolution in three species of fish.*
- Evolution in Sweden 2020, Tjärnö, Västra Götaland, Sweden (**January 2020**). *Title.*

Posters:

- Prairie University Biology Symposium, Calgary, AB, Canada (**February 2018**). *The genetic basis of convergent evolution in four species of fish.*
- Canadian Society of Ecology and Evolution, Guelph, ON, Canada (**July 2018**). *The genetic basis of convergent evolution in three species of fish.*

Chairing Session:

- Evolution in Sweden 2020, Tjärnö, Västra Götaland, Sweden (**January 2020**). *Session name!*

Volunteering:

- Prairie University Biology Symposium, Calgary, AB, Canada (**February 2018**). Poster boards and set up AV equipment.

Related Interests

- Scientific communication to wider audience. In particular, using video or other forms of popular media to explain concepts or methods.