

# Mimmi C. Eriksson

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Currently living: Uppsala, Sweden | Citizenship: Swedish | Born: 1986.01.12, Örnköldsvik, Sweden

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## RESEARCH EXPERIENCE

2022.06- **POSTDOCTORAL RESEARCHER**  
 2024.06 Department of Plant Biology, Swedish University of Agricultural Sciences,  
 Uppsala, Sweden

## ACADEMIC QUALIFICATIONS

2018.01- **DOCTOR OF PHILOSOPHY IN BIOLOGY**,  
 2022.04 Department of Botany and Biodiversity Research, University of Vienna, Austria  
 and Vienna Graduate School of Population Genetics, Vetmeduni Vienna, Austria  
 Supervisor: Assoz. Prof. Ovidiu Paun, University of Vienna, Austria  
 Co-advisors: Ass. Prof. Robert Kofler, Vetmeduni Vienna, Austria  
 and Prof. Andreas Futschik, Johannes Kepler University, Linz, Austria  
**PhD thesis:** Rinse and repeat: genome dynamics following repeated allopolyploidization  
 in marsh orchids *Dactylorhiza*.

2015.09- **MASTER'S DEGREE IN BIOLOGY**,  
 2017.06 Department of Biological and Environmental Sciences, University of Gothenburg, Sweden  
 Supervisor: Prof. Martin Lascoux, Uppsala University, Sweden, Sweden  
**Master's thesis:** Characterizing the genetic load in *Capsella bursa-pastoris* across its  
 range.

2012.09- **BACHELOR'S DEGREE IN BIOLOGY**,  
 2015.06 Department of Biological and Environmental Sciences, University of Gothenburg, Sweden  
 Supervisor: Ass. Prof. Karin C. Hårding  
**Bachelor's thesis:** Epidemiological modelling of the PDV epizootic in Harbour seals.

## PUBLICATIONS

Journal name is a link to the paper. In brackets following citation:

[**Journal Impact factor (year of publication)/Current citations**]

**Eriksson MC et al. 2022.** Repeat dynamics across timescales: a perspective from sibling allotetraploid marsh orchids (*Dactylorhiza majalis* s.l.) [Molecular Biology and Evolution](#). msac167. [-/-]

**Eriksson MC et al. 2020.** Current research frontiers in plant epigenetics: an introduction to a Virtual Issue. [New Phytologist](#). 226(2):285–288. [**7.96/11**]

Kryvokhyzha D, Salcedo A, **Eriksson MC et al. 2019.** Parental legacy, demography, and admixture influenced the evolution of the two subgenomes of the tetraploid *Capsella bursa-pastoris* (Brassicaceae). [PLoS Genetics](#). 15(2):1–34. [**5.224/23**]

## ADDITIONAL SCIENTIFIC TRAINING

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Wet lab:	DNA Library prep. Protocol: TruSeq DNA PCR-Free Library Kit, Illumina Inc.
2021	Co-supervision of master student
2019	Co-supervision of master student
2019.06	<b>Field work.</b> Niederösterreich, Austria. Gathering material for genome size measurements.
2018.06	<b>Field work.</b> Tirol, Austria. Fixing leaf and root material for RNA- and small RNA-seq extraction from field experiment.
2017.07.01- 2017.07.25	<b>Field assistant.</b> Arctic fox project, Department of Zoology, Stockholm University, Sweden. <ul style="list-style-type: none"> <li>· Inventory of Arctic fox dens.</li> <li>· DNA-sampling and marking of juveniles.</li> <li>· Rodent and bird inventory.</li> <li>· Vegetation analysis.</li> </ul>
2013.07-08	<b>Field course: Alpine ecology.</b> Umeå University, Umeå, Sweden Location: Abisko Scientific Research Station, Sweden.

## CONFERENCE AND MEETING CONTRIBUTIONS

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- Eriksson MC.** 2021. TE dynamics and smRNA control after allopolyploidization in sibling marsh orchids. **EvolVienna meeting.** Online. [Oral presentation]
- Eriksson MC, et al.** 2020. Repetitive elements and early stages of polyploid evolution. A perspective from sibling allopolyploid marsh orchids (*Dactylorhiza*). **4<sup>th</sup> Uppsala Transposon Symposium.** Online. [Oral presentation]
- Eriksson MC, Tensch E, McCann J, Paun O.** 2020. Repetitive elements and early stages of polyploid evolution. A perspective from sibling allopolyploid marsh orchids (*Dactylorhiza*). **Botany.** Online. [Oral presentation]
- Eriksson MC, et al.** 2019. Genome dynamics and evolution after recurrent allopolyploidization in *Dactylorhiza* (*Orchidaceae*). **Evolution**, Providence, Rhode Island, USA
- Eriksson MC** 2019. Repeated allopolyploidization in *Dactylorhiza*. SMBE satellite meeting, speciation. Tjärnö, Sweden. [Flash talk]
- Eriksson MC, et al.** 2019. Transposable elements and early stages of polyploid evolution. A perspective from sibling allopolyploid marsh orchids (*Dactylorhiza*). **International Conference on Polyploidy.** Ghent, Belgium. [Oral presentation]
- Eriksson MC, Brandrud MK, Wolfe TM, Paun O.** 2019. Genome dynamics after recurrent allopolyploidization in *Dactylorhiza* (*Orchidaceae*). **PopGroup52.** Oxford, United Kingdom. [Oral presentation]

## GRANTS AND SCHOLARSHIPS

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2019.07.02	Travel grant, Österreichische Forschungsgemeinschaft (ÖFG) [ for attending Evolution 2019 ]
2018.01	Career grants - Relocation Grant, The Austria Research Promotion Agency (FFG)
2017.12	Career grants - Interview Grant, The Austria Research Promotion Agency (FFG)
2016/2017	Adlerbert scholarships, Adlerbertska Student Housing Foundation
2014/2015	Adlerbert scholarships, Adlerbertska Scholarship Foundation
2013/2014	Adlerbert scholarships, Adlerbertska Student Housing Foundation

## SKILLS

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Languages:	Swedish:	★★★★	English:	★★★★	German:	★☆☆
	python:	★★★	R:	★★★	bash shell:	★★★
	SQL:	★☆☆	Markdown:	★☆☆	LaTeX:	★★★
	HTML/CSS:	★★★				
Programs:	GIS:	★★★	Adobe Illustrator:	★★★	Adobe Photoshop	★★★
Driving license:	AM/B, Issued in Sweden 2004.09.01					