

# Mimmi C. Eriksson

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

Website: [mc-er.github.io](https://mc-er.github.io)

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## RESEARCH EXPERIENCE

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2022.06- **POSTDOCTORAL RESEARCHER**

Current Department of Plant Biology, Swedish University of Agricultural Sciences, Uppsala, Sweden

Population genomics and structural variants in Norway spruce (*Picea. abies*).

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## ACADEMIC QUALIFICATIONS

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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.

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## PUBLICATIONS

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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. [8.8/-]

**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]

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## ADDITIONAL SCIENTIFIC TRAINING

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

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## 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

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## SKILLS

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