

Curriculum Vitae Julia Osterman

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RESEARCH AND WORK EXPERIENCE

01/25 – 12/28	Researcher at the University of Gothenburg, Department of Biological & Environmental Science, Sweden
01/23 – 12/24	Post-Doc at the University of Gothenburg, Department of Biological & Environmental Science, Sweden
12/21 – 12/22	Post-Doc at the University of Freiburg, Department of Nature Protection and Landscape Ecology, Germany
02/15 – 01/17	Environmental Analyst (part-time), Germany
2015 and 2018	Parental leave (24 months in total)

DEGREES

02/17 – 03/22	Ph.D. in Biology Martin-Luther University Halle-Wittenberg, Germany
08/12 – 07/14	M.Sc. , Environmental Science – Soil, Water and Biodiversity, Swedish University of Agricultural Science (SLU), Uppsala, Sweden
10/09 – 07/12	B.Sc. , Environmental Science, Albert Ludwig-University Freiburg, Germany

AWARDS AND GRANTS

11/24	Career grant for Early-Career Researchers funded by FORMAS - Bee conservation in protected areas – for biodiversity and people (main applicant, 5 712 312 SEK)
09/23	Pan-European project “RestPoll” (Horizon Europe) Restoring pollinator habitats across European Agricultural landscapes based on multi-actor participatory approaches (co-applicant, total budget 8 million €)
11/22	Award for an outstanding dissertation in the field of ecology, Horst-Wiehe award by the Ecological Society of Germany, Austria and Switzerland (1 500 €)
04/22	Research Grant from the Wissenschaftliche Gesellschaft Freiburg im Breisgau (1 470 €)
11/21	Carl Tryggers Stiftelse , co-application with Dr. Anne D. Bjorkman for a Post-Doc stipend for two years (600 000 SEK)
02/20	Granted host for the DAAD RISE program
02/18	Grant for women in science , awarded by Martin-Luther University Halle (3 000 €)
09/14	Best poster presentation, ICPPR conference award in Ghent
07/14	Helmut-Aurenz scholarship for financing a research project within Europe (1 000 €)
11/13	Best poster presentation, ELLS students’ conference award, Vienna (300 €)
09/13 – 08/14	The German Scholarship, financed by the Karl Schlecht foundation (3 600 €)

PUBLICATION LIST

I have published **16 peer reviewed papers** (an additional two under revision) in widely recognized journals, including **six lead author publications** and **three senior author publications** (* indicates I am the senior author of the publication, ** shared first authorship). Total number of citations: 504, h-index: 7, i10-index: 7 according to [google scholar](https://scholar.google.com/).

Theodorou P, Osterman W.H.A., Mrozek J.H. Wild B.S., Beckmann M, **Osterman J.**, Paxton R. (2025)
Protected areas do not outperform urban wastelands in supporting insect pollinators and

- pollination in central Germany. *Basic and Applied Ecology*, In Press.
- Wyckhuys K.A.G., ... **Osterman J., et al.** (2025) Orchard system offer low-hanging fruit for low-carbon, biodiversity-friendly farming. *BioScience*, 0, 1-20.
- Fijen T., Eeraerts M., **Osterman J.**, Beyer N., Hass A., Lundin O., Westphal C. (2025) Crop diversification for pollinator conservation. *Landscape Ecology*, 40, 9.
- Osterman J., et al.** (2024) The impact of pollination requirements, pollinators, landscape and management practices on pollination in sweet and sour cherry: A systematic review. *Agriculture, Ecosystems and Environment*, 374, 109163.
- Willcox B., ... **Osterman J., et al.** (2023) Emerging threats and opportunities to managed bee species in European agricultural systems – a horizon scan. *Scientific Reports*, 13, 18099.
- Leclercq N., ... **Osterman J., et al.** (2023) Global taxonomic, functional, and phylogenetic biogeography of bees in apple orchards. *Science of the Total Environment*, 901, 165933.
- Osterman J., et al.** (2023) Mason bees and honey bees synergistically enhance fruit set in sweet cherry orchards. *Ecology and Evolution*, 13, e10289.
- Hellström S., Strobl V., Straub L., Osterman W., Paxton R. J., **Osterman J.*** (2023) Beyond generalists: the Brassicaceae pollen specialist *Osmia brevicornis* as a prospective model organism when exploring pesticide risk to bees. *Environmental and Sustainability Indicators*, 18, 100239.
- Mazi S., Paxton R. J., **Osterman J.*** (2022) A subset of wild bees boosts the pollination of pigeon pea (*Cajanus cajan*: Fabaceae), an important crop plant in Cameroon. *Journal of Apicultural Research*, 1-10.
- Osterman J., et al.** (2021) On-farm experiences shape farmer knowledge, perceptions of pollinators and management practices. *Global Ecology and Conservation*, 32, e01949.
- Osterman J., et al.** (2021) Global trends in the management of a diversity of pollinator species. *Agriculture, Ecosystems & Environment*, 322, 107653.
- Osterman W., Cornejo F., **Osterman J.*** (2021). An Andean bear population hotspot in Northern Peru. *URSUS*, 32e12, 1-10.
- Osterman J., et al.** (2021). Apple pollination is ensured by wild bees when honey bees are drawn away from orchards by a mass co-flowering crop, oilseed rape. *Agriculture, Ecosystem & Environment*, 315, 107383.
- Theodorou P., Herbst S., Kahnt B., Landaverde-González P., Baltz L., **Osterman J.**, Paxton R. J. (2020). How do bee and floral diversity co-vary within an urban ecosystem? The role of urban fragmentation. *Scientific reports*, 10, 21756.
- Osterman J.****, Wintermantel D.**, et al. (2019). Clothianidin seed-treatment has no detectable negative impact on honeybee colonies and their pathogens. *Nature Communications*, 10, 692.
- Wintermantel D., Locke B., Andersson G. K. S., Semberg E., Forsgren E., **Osterman J., et al.** (2018). Field-level clothianidin exposure affects bumblebees but generally not their pathogens. *Nature Communications*, 9, 5446.

OUTREACH

Based on my research findings, **five press releases** have been published. In addition, I participated at the Soapbox Science event in Gothenburg in 2022 (an event to promote women in science and the science they do). I gave several interviews to radio shows, local newspapers, and a German garden show. I contribute to a blog (AgrarDebatten) around the theme of agriculture and prepared several stakeholder summaries for the PoshBee project. Also, I have written **12 popular science articles** in English, Swedish or German to disseminate my research. A selection of three articles:

Eeraerts M. & **Osterman J.** (2024). Wild bees improve honeybees` pollination contribution. *European fruit magazine*, 4, pp. 6-7.

Osterman J., Wintermantel D., Klein A.-M. (2022). Verbot von Sulfoxaflor: Der Nachfolger von Neonikotinoiden ist auch gefährlich. *bienen&natur*, 8, pp. 34-36.

Osterman J. (2022). Hur går det för äppleträden om honungsbin föredrar raps? *Gadden*, 3, pp. 14-17.

CONFERENCES AND TALKS

I have given **six invited talks** and presented at several conferences, contributing with talks or posters. In addition, I was **invited as a panelist** to the Y20 Consultation Summit in Srinagar, India (May 2023): "Climate change, disaster risk reduction and making sustainability – a way of life".

OTHER

Supervision: I have supervised or co-supervised two bachelor students and five master students.

Reviewing: I have served as a reviewer for 12 scientific journals, and I serve as a member of the scientific advisory board for the Journal of Applied Entomology.