

Karsten Fatur

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Personal Information

Citizenship: Canadian, Slovenian

Languages: English, French, Slovene

Education

University of Ljubljana	2021	PhD: Biology
University of New Brunswick	2020	Diploma in University Teaching
University of Kent	2018	MSc: Ethnobotany
Nova Scotia College of Art and Design	2016	Post-graduate certificate in photography
University of New Brunswick	2015	BA: Anthropology First Class Honours

Pertinent Employment/Volunteer Experience

Lecturer - University of Vermont (2024-present)

- Undergraduate academic advising
- Department of Plant Biology Diversity, Equity, and Inclusivity committee (2024-2025)
- Department of Plant Biology Curriculum Committee (2024-2025)
- Department of Plant Biology Assessment Committee (2024-2025)
- Department of Plant Biology Undergraduate Events Committee (2024-2025)
- Community of practice: approachable equity, a space to improve courses for new faculty and new students (2024-2025)

Ad hoc English language editor - *Economic Botany* (2023-present)

Research associate - Missouri Botanical Garden (2023-2024)

Contract instructor, Dalhousie University (2023-2024)

Research associate - Herbarium of the Nova Scotia Museum of Natural History (2022-2024)

Contract instructor, University of New Brunswick (2021-present)

Science writer - Numinus wellness (2021-2023)

- Justice, Equality, Diversity, and Inclusion Committee member

Courses Taught

University of Vermont

BCOR 1400 Exploring Biology 1 (2024)

PBIO 1060 Plants, Food, and Culture (2024)

PBIO 3991 Ethnobotany Internship (2024)

PBIO 2040 Plant Physiology (2025)

PBIO 2990 Ethnobotany (2025)

Dalhousie University

BIOL 3219 / BIOL 2601 Flora of Nova Scotia (2024)

BIOL 3219 / BIOL 2601 Flora of Nova Scotia, demonstrator (2023)

University of New Brunswick

BIOL 3559 Ethnobotany (2021-present)

ANTH 2504 Medical Anthropology (2021)

Publications

Lacroix, E., Fatur, K., Hay, P., Touyz, S., and Keshen, A. (2024). Psychedelics and the treatment of eating disorders: Considerations for future research and practice. *Journal of Eating Disorders* 12, 165. DOI: [10.1186/s40337-024-01125-6](https://doi.org/10.1186/s40337-024-01125-6).

Fatur, K. (2024). Queer Ethnobotany. *Economic Botany* 78(2), 126-149. DOI: [10.1007/s12231-024-09605-1](https://doi.org/10.1007/s12231-024-09605-1).

Fatur, K., Ravnika, M., and Kreft, S. (2022). Pipes and potions: testing the efficacy of European folk preparation methods for anticholinergic Solanaceae plants. *Plants* 11, 126. DOI: [10.3390/plants11010126](https://doi.org/10.3390/plants11010126).

Fatur, K. (2021). Saps and syrups, tinctures and teas: an examination of medicinal plant usage in the coastal region of Primorska province, Slovenia. *Economic Botany* 75(2), 112-125. DOI: 10.1007/s12231-021-09525-4.

Fatur, K., Ravnika, M., and Kreft, S. (2021). *Scopolia carniolica* var. *hladnikiana*: Alkaloidal analysis and taxonomical implications. *Plants* 10, 1643. DOI: 10.3390/plants10081643.

Fatur, K. and Kreft, S. (2021). Nixing the nightshades: traditional knowledge of intoxicating members of the Solanaceae among hallucinogenic plant and mushroom users in Slovenia. *PLoS ONE* 16(2), e02476688. DOI: 10.1371/journal.pone.0247688.

Fatur, K. (2021). Peculiar plants and fantastic fungi: an ethnobotanical study of the use of hallucinogenic plants and mushrooms in Slovenia. *PLoS ONE* 16(1), e0245022. DOI: 10.1371/journal.pone.245022.

Fatur, K. (2020). "Hexing herbs" in ethnobotanical perspective: a historical review of the uses of anticholinergic Solanaceae plants in Europe. *Economic Botany* 74(2), 140-158. DOI: 10.1007/s12231-020-09498-w.

Fatur, K. (2020). Duhovi Rastlin, Duša Stare Vere: The Use of Plants in Sacred Rituals Among Nature Worshipers in Slovenia. *The Pomegranate* 22(1), 53-83. DOI: 10.1558/pome.38510.

Fatur, K. and Kreft, S. (2020). Common anticholinergic Solanaceous plants of temperate Europe - a review of intoxications from the literature (1966-2018). *Toxicon* 177, 52-88. DOI: 10.1016/j.toxicon.2020.02.005.

Nabergoj, D., Janeš, D., Fatur, K., Kočev, N., and Kreft, S. (2020). Influence of the Human Menstrual Cycle on the Perception of Musks and Substances Responsible for Body Odour. *Journal of Evolutionary Biochemistry and Physiology* 56, 565-576. DOI: 10.11

Fatur, K. (2019). Sagas of the Solanaceae: Speculative ethnobotanical perspectives on the Norse Berserkers. *Journal of Ethnopharmacology* 244, 112151. DOI: 10.1016/j.jep.2019.112151.

Fatur, K. (2019). Intercultural, intermolecular: An ethnobotanical examination of the potential therapeutic value of LSD for the treatment of depression. *Journal of Psychedelic Studies*. DOI: 10.1556/2054.2019.002.

Other Communications

Fatur, K. (2023). Belladonna / Deadly Nightshade. *Society for Ethnobotany society website*.

Fatur, K. (2021). Wisdom of the witches: Cosmetic applications for psychoactive European nightshade plants. *Cos ACTIVE J* 1, 50-55.

Fatur, K. (2021). "The Henbane Hypothesis: Viking berserkers and *Hyoscyamus niger*." *TEA: The Ethnobotanical assembly* (7).

Fatur, K. (2020). Nova nahajališča vrst - New localities: *Datura innoxia*. *Hladnikia* 46, 86.

Fatur, K. (2020). Review of "Wild Plants for a Sustainable Future. 110 Multipurpose Species" by Tiziana Ulian et al. *Economic Botany* 74(3), 374-375. DOI: 10.1007/s12231-020-09503-2.

Fatur, K. (2020). Introducing the TEA Ethnopharmacological Review. "Ethnopharmacologic Search for Psychoactive Drugs: 50 Years of Research." *TEA: The Ethnobotanical Assembly* (5).

Fatur, K. (2020). Nutmeg (*Myristica fragrans*). "Ethnopharmacologic Search for Psychoactive Drugs: 50 Years of Research," Review. *TEA: The Ethnobotanical Assembly* (5).

Fatur, K. (2020). Fly Agaric (*Amanita muscaria*). "Ethnopharmacologic Search for Psychoactive Drugs: 50 Years of Research," Review. *TEA: The Ethnobotanical Assembly* (5).

Fatur, K. (2020). Academia and self-care: Reflections on fieldwork and burning the candle from both ends. *Society for Ethnobotany Student Blog*.

Fatur, K. (2020). Level up your fieldwork game: Methods hacks with the pros. *Society for Ethnobotany Student Blog*.

Fatur, K. (2020). Helping hands: The role of assistants in ethnobotany. *Society for Ethnobotany Student Blog*.

Fatur, K. (2020). Sea Silk Sinking: A Call to Action for Ethnobiologists. *Society of Ethnobiology Forage! Blog*.

Fatur, K. (2019). Review of "The Imagination of Plants. A Book of Botanical Mythology" by Matthew Hall. *Economic Botany* 73(4) DOI: 10.1007/s12231-019-09484-x.

Fatur, K. (2019). Nova nahajališča vrst - New localities: *Datura innoxia*. *Hladnikia* 44, 75.

Conference Talks

Pontification in the Pansy Patch: Applications of Queer Theory in Ethnobotany. Society for Economic Botany and Society of Ethnobiology joint conference, 2023.

Tradition in flux: Changing ethnobotanical landscapes of anticholinergic Solanaceae plants in Europe. Society for Economic Botany and International Society of Ethnobiology joint conference, 2022.

Masculinity as a barrier to ethnobotanical research - a Balkan case study. Society for Economic Botany summer symposium, 2021.

Research in the Media

2019-2024: The article "Sagas of the Solanaceae: Speculative ethnobotanical perspectives on the Norse Berserkers" was extensively covered on a variety of science, history, and news websites across many countries—for example, [IFLScience](#)—where it reached more than six thousand shares on social media and [ArsTechnica](#). It has also been read over four thousand times on Research Gate and featured by the BBC, The Times, and National Geographic. I was also interviewed in relation to this paper for the popular podcast [Foodie Pharmacology](#) as well as by the streaming service, Netflix, as consultation for one of their programs.

2019: Total News Slovenia ran a profile on my research on the use of hallucinogenic plants in the country.

Articles Reviewed

2025: Economic Botany (1)

2024: Economic Botany (1), Journal of Ethnobiology and Ethnomedicine (1)

2023: Economic Botany (1), Journal of Ethnobiology and Ethnomedicine (1), Journal of Herbal Medicine (1), Frontiers in Sociology (1), Frontiers in Sustainable Food Systems (1), Journal of Critical Dietetics (1)

2021: Nature - Scientific reports (1), Journal of Ethnopharmacology (3), Horticulturae (2), International Journal of Drug Policy (2)

2020: Nature - Scientific reports (1), Toxicology reports (1), Journal of Complementary Medicine Research (1)

2018: Journal of Psychedelic Studies (1)

Guest Lectures

Ethnobotany - an introduction (University of New Brunswick, Faculty of Science, 2023)

Floral Morphology and Inflorescence Types (Dalhousie University, Faculty of Science, 2023)

Floral Formulas (Dalhousie University, Faculty of Science, 2023)

Ethnobotany - an introduction (University of New Brunswick, Faculty of Science, 2022)

Hexing herbs - Perspectives on ritual in medical anthropology (Drake University, College of Arts and Sciences, 2021)

Etnobotanika v Sloveniji - Zgodovinski in sodobni vidiki. (University of Primorska; Faculty of Mathematics, Natural Sciences, and Information Technologies; 2021)

Ethnobotany - an introduction (University of New Brunswick, Faculty of Science, 2021)

Hexing herbs - the wicked witching plants of Europe (Michigan Tech, College of Forest Resources and Environmental Science, 2020)

Ethnobotany - an introduction (University of New Brunswick, Faculty of Science, 2020)

Tropane Alkaloids, Solanaceous Plants, Fly Agaric, and Viking Berserkers (University of Ljubljana, Faculty of Pharmacy, 2020)

Ethnopharmacology of Hallucinogenic Plants and Mushrooms (University of Ljubljana, Faculty of Pharmacy, 2019)

Societies

Alliance for Diversity, Equity, and Inclusion in Ethnobiology (2022-present)

- LEAPS Program proposal working group (2022-present)

Society for Ethnobotany (2018-present)

- Secretary (2022-2025)
- Bylaws and Protocols Committee (2022-2025)
- Program and Publicity Committee (2022-2025)
- Nominations and Awards Committee (2021-2022)
- Endowment Committee (2020-2021)
- Student Representative (2019-2021)

Society of Ethnobiology (2017-2019)

Academic Event Planning, Facilitation, and Contributions

Society for Ethnobotany, fall symposium planning committee (2024)

Society for Economic Botany / Society of Ethnobiology joint conference, workshop facilitator - organisational decolonisation (2023)

Society for Economic Botany / Society of Ethnobiology joint conference, student talk award judge (2023)

Society for Economic Botany / Society of Ethnobiology joint conference, student poster award judge (2023)

Society for Economic Botany / International Society for Ethnobiology joint conference, student poster award judge (2022)

Society for Economic Botany, Fall Symposium planning committee (2021)

Society for Economic Botany, Summer Symposium planning committee (2021)

Society for Economic Botany, "Book writing for ethnobotanical research" event organiser and moderator (2021)

Society for Economic Botany, spring symposium planning committee (2021)

Society for Economic Botany, "Panel Discussion: The Covid pandemic's effect on access to fieldwork in ethnobotany and what it means for students" event organiser and moderator (2021)

Society for Economic Botany, Fall Symposium abstract selection committee (2020)

Awards and Funding

2020: Society for Ethnobotany Travel Award; Slovenia National Department of Science, Sport, and Education Scholarship; University of Ljubljana Biotechnical Faculty research grant

2019: Slovenia National Department of Science, Sport, and Education Scholarship

2018: Slovenia National Department of Science, Sport, and Education Scholarship

2016: Arthur Lismer Award for Academic Excellence

2015: Dean's scholar award

2014: Edward Jacob Special University Scholarship

2013: Dean's book prize for highest academic average, Mr. and Mrs. Conrad J. Osman Scholarship, Edward Jacob Special University Scholarship

2012: Mr. and Mrs. Conrad J. Osman Scholarship, Edward Jacob Special University Scholarship

2011: Robert Ellis Dieuaide Cattley Prize in Classics, Mr. and Mrs. Conrad J. Osman Scholarship, Edward Jacob Special University Scholarship

Additional Training

Tri-Council Policy Statement (TCPS) 2 training - Ethical Conduct for Research Involving Humans (2023)

First aid and CPR/AED C (2023)

Indigenous Canada training course (2022, University of Alberta)

IUCN redlisting (2018, Kew Gardens)

Additional Skills

Photography

PADI open water diver certification

Pleasure craft operator certification