

Karsten Fatur

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Education

University of Ljubljana	2021	PhD: Biology
University of Kent	2018	MSc: Ethnobotany
University of New Brunswick	2020	Diploma in University Teaching

Pertinent Employment Experience

Lecturer - University of Vermont (2024-present)

Contract instructor - Dalhousie University (2023-2024)

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

Science writer - Numinus wellness (2021-2023)

Teaching

Courses Taught

University of Vermont

BCOR 1400 Exploring Biology 1 (2024-2025)

PBIO 1060 Plants, Food, and Culture (2024-2025)

PBIO 3991 Ethnobotany Internship (2024-2025)

PBIO 2040 Plant Physiology (2025-2026)

PBIO 2084 Ethnobotany (in person) (2025-2026)

PBIO 2084 Ethnobotany (online asynchronous) (2025-2026)

PBIO 2990 Field Botany and Systematics (2026)

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 (online asynchronous) (2021-present)

ANTH 2504 Medical Anthropology (online asynchronous) (2021)

Research

Publications

Walker, K. and Fatur, K. (2025). Legal Use of Potentially Poisonous Plants: The Case of British Herbalism. *Economic Botany* 79(1), 108-117. DOI: 10.1007/s12231-025-09630-8

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.

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

Fatur, K., Ravnikar, 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.

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., Ravnikar, 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 Solanaceae 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., Kočevar, 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

Vandebroek, I., Voeks, R., De La Parra, J., Applequist, W., Vardeman, E.T., Ruelle, M.L., Andrade, G.M., McAlvay, A.C., Fatur, K., Orr, B., Lukhoba, C., Sehgal, A.B., De Meyer, E., Towns, A., Peter, S., Otero Walker, K.R., Teixidor-Toneu, I., Hart, R., Ochora, D.O., Castro Escobar, B.D. (2025). Ethobotany and Economic Botany: Why We Are Changing Our Journal Name. *Economic Botany* (xx)x, 1-12.

Fatur, K. (2025). Review of "Pharmacopoeias, Drug Regulation, and Empires: Making Medicines Official in Britain's Imperial World, 1618-1968" by Stuart Anderson. *Economic Botany* (79)1, 119.

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.

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).

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

Conference Presentations

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.

Articles Reviewed

2025: Economic Botany (4)

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)

Service and Community Involvement

Workplace Service

University of Vermont, Department of Plant Biology

- Undergraduate academic advising (2024-present)
- Inclusive Excellence Committee (2024-present)
- Curriculum Committee (2024-present)
- Assessment Committee (2024-present)
- Undergraduate Events Committee (2024-present)

Numinus Wellness

- Justice, Equality, Diversity, and Inclusion Committee (2021-2023)

Communities of Practice

University of Vermont

- Redefining Student Support: Building meaningful relationships in STEM classes (Facilitator, 2025-2026)
- Approachable Equity: A space to improve courses for new faculty and new students (Member, 2024-2025)

Society Involvement

Alliance for Diversity, Equity, and Inclusion in Ethnobiology (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)

Accolades

Fellowships

Inclusive Excellence in STEM Fellowship, Howard Hughes Medical Institution Driving Change Initiative, University of Vermont (2025-2026)

Centre for Teaching and Learning faculty fellowship, University of Vermont (2025-2026)

Grants

Inclusive Classroom Funds - Howard Hughes Medical Institution Driving Change Initiative, University of Vermont (2025)

Doctoral Research Grant - University of Ljubljana, Biotechnical Faculty (2020)