



STUDENTS WANTED

Are you interested in the ecology of mosses and liverworts? I am a professor at the Forest Research Institute of the Université du Québec en Abitibi-Témiscamingue and I study both the local and landscape ecology of bryophytes (and sometimes lichens) in natural and anthropogenic systems. I am recruiting fully financed positions for B.Sc. interns, M.Sc. and Ph.D. students who would start their projects fall 2023 to fall 2024. Some of the projects for which I am recruiting are:



- How does the plant community (bryophytes and vascular plants) respond to multiple disturbances on the landscape? This project will examine the response of the community to mining, forestry, and road associated disturbances in a boreal landscape, and how this response is mediated by ongoing climate change;
- How does the geographic and geological context influence the plant community (and its microbiome) response to mine generated disturbance? Our previous research established a footprint of 200m surrounding mine sites – now we want to understand how this overall pattern is mediated by landscape level variations;
- How does the diversity of plants vary among different types of wetlands in two contrasting regions and how are they affected by ongoing climate change?;
- What are the regional and continental distribution patterns of bryophyte species and communities? Using a novel combination of existing knowledge of boreal bryophyte ecology and biogeography, observational datasets, remote sensing techniques, and derived vegetation models, the objective of this project is to predict boreal bryophyte species distributions, species richness, and community composition at regional and continental scales.

If you have an idea for a research project that fits into these overall research themes, feel free to contact me!

Start date: between fall 2023 and fall 2024

To apply: To manifest your interest please send a letter of interest along with copies of your transcripts (can be unofficial) to:

Nicole Fenton, Ph. D.

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Chaire industrielle CRSNG-UQAT sur la biodiversité en contexte minier
ResearchGate
Centre d'études sur les forêts (*CEF*)

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