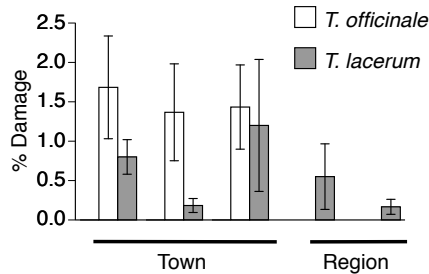


Graduate Positions in Invasion Ecology

Peter M. Kotanen

Department of Ecology and Evolutionary Biology
University of Toronto Mississauga



Butter-and-eggs, introduced to Churchill

Leaf damage to non-native (*T. officinale*) and native (*T. lacerum*) dandelions

Beetle herbivory on thistle

I am looking for new Ph.D. and M.Sc. students to start work in 2024. My lab studies the ecology of plant invasions. I am particularly interested in recruiting students for research near Churchill, Manitoba (58°N, 94°W), concerning factors affecting invasions into arctic and subarctic ecosystems. Other recent work has centred on the effects of herbivores and pathogens on non-native species, and whether damage depends on latitude, isolation, and other factors. Information on our research can be found at my home page: www.utm.utoronto.ca/~w3pkota.

We are a thriving department at a leading research institution, with excellent resources and many opportunities for interaction and collaboration. All graduate students are guaranteed a stable minimum income, currently about \$33,000/yr from a variety of sources, which includes tuition (*ca.* \$9000) and living expenses (*ca.* \$21,000). Additional support is available for research and conference travel. Information on application procedures and our tri-campus graduate program can be found at our grad student website, <https://eeb.utoronto.ca/education/graduate>. Applications opened on November 6, with a deadline in early January, but interested students should first contact me by e-mail: peter.kotanen@utoronto.ca.

A few recent publications:

- 1) Zhang, V.M. and P.M. Kotanen (2023) Development of negative soil feedback by an invasive plant near the northern limit of its invaded range. *Plant Ecology* 224: 635-645.
- 2) Kotanen, P.M. (2020) Direct and indirect effects of herbivores influencing plant invasions. Chapter 12 in A. Traveset and D.M. Richardson (eds) *Plant Invasions: The Role of Biotic Interactions*, pp. 226-240. CABI, Wallingford, UK.
- 3) K.F. Abraham, C.M. Sharp, & P.M. Kotanen (2020) Habitat change at a multi-species goose breeding area, East Bay, Southampton Island, Nunavut, 1979 to 2010. *Arctic Science* 6: 95-113.
- 4) Nunes & Kotanen (2018) Does local isolation allow an invasive thistle to escape enemy pressure? *Oecologia* 188: 139-147.
- 5) Kambo, D. & P.M. Kotanen (2014) Latitudinal trends in herbivory and performance of an invasive species, common burdock (*Arctium minus*). *Biological Invasions* 16: 101-112.

Peter M. Kotanen
Dept. of Ecology & Evolutionary Biology
University of Toronto Mississauga
3359 Mississauga Road
Mississauga, ON, L5L 1C6 CANADA



Visitors at one of our plots



e-mail: peter.kotanen@utoronto.ca

www.utm.utoronto.ca/~w3pkota