



ses

school of environmental sciences

The Research Seminar Presentation by

Charles-Étienne Ferland

will be held on

Tuesday March 27, 2018

At 1:00 pm

ALEXANDER HALL 265

**Distribution, abundance and biological control potential
of the swede midge parasitoid, *Synopeas myles***

Abstract

In Canada, canola production occupies 22.4 million acres and contributes \$26.7 billion to the economy annually. When the larvae of a tiny fly called the swede midge, *Contarinia nasturtii*, feeds on canola, they can cause mild to severe economic damage. Preventing crop damage is challenging when pest populations are high, most notably when faced with the swede midge. To minimize damage, it is often necessary to use insecticides. Because chemical tactics are often insufficient to adequately protect the crops, we are interested in finding new pest control strategies. In our study, we investigate to what extent can the parasitic wasp *Synopeas myles* mitigate populations of swede midge in Ontario.

Everyone is welcome to attend

(This is a Research Proposal presentation by students in ENVS*6900)