Hannah Hayes

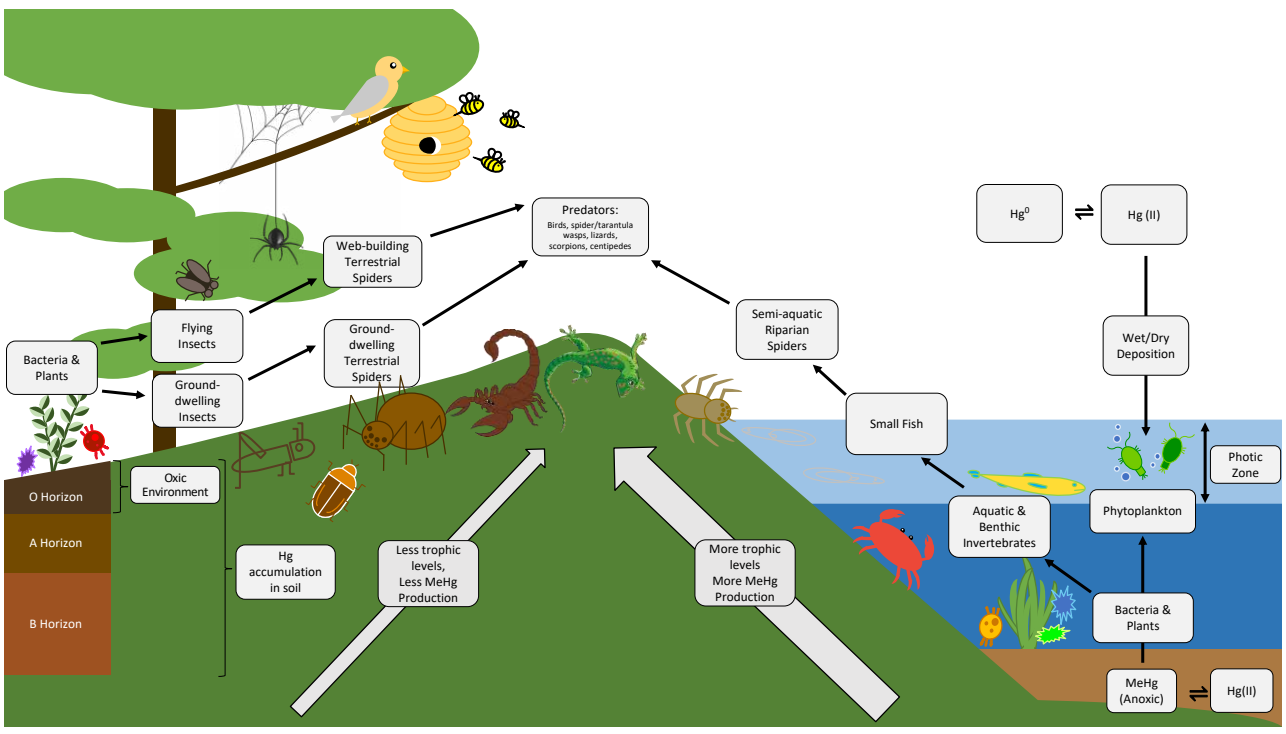
I'm in my 3rd year of a BSc Environmental Science (Co-op) and I worked for Dr. O'Driscoll in the Mercury Lab as an Environmental Health Researcher. This summer, I assisted research students with laboratory work and sampling water, mud cores, soil, and marine invertebrates.

I pursued mercury-related research to learn about the effect of contaminants on the environment and the bioaccumulation of mercury in ecosystems. In the future, I plan to pursue a career in research because of the great experience I've had working in Dr. O'Driscoll's lab.

MeHg and THg Analysis of Spiders and Soils From Hawai'i

Hannah Hayes, Dr. Nelson O'Driscoll, Dr. Kirk Hillier

Objective: To determine if riparian spiders have a higher concentration of bioaccumulated methylmercury (MeHg) due to their higher trophic placement than terrestrial spiders.



I analyzed total mercury (THg) and methylmercury (MeHg) in spiders and soils collected on the Island of Hawaii by Dr. Hillier. Spiders are good bio-monitors for mercury (Hg) because they are either predators or prey to a broad range of species.

For additional information, contact 0302590h@acadiau.ca