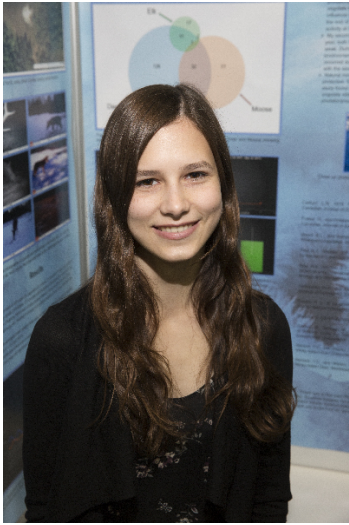


## CWSF 2019 - Fredericton, New Brunswick



### Willa Crowley

#### Factors Influencing Ungulate Visitation Rates at a Mineral Lick

**Challenge:** Discovery

**Category:** Intermediate

**Region:** Central Interior British Columbia

**City:** Fort St James, BC

**School:** Fort St James Secondary

**Abstract:** Natural mineral licks are important to ungulates (i.e. moose, elk, deer) and should be protected. To protect mineral licks, we need to know what factors influence their use. My study found that predators (i.e. coyotes and wolves), humidity, and temperature influenced ungulate activity at mineral licks. I suggest future studies of mineral licks include predator/prey interactions, as well as humidity and temperature.

#### Biography

Hello, my name is Willa and I'm a ninth-grade student from Fort St. James, B.C. This project was a continuation of a project that I did last year. I came up with the idea for my first project because I live near a natural mineral spring and I had observed evidence of animal visitations. Part of this project took place during a low snow winter. In future projects I would like to see if my winter/fall results change during a high snow winter. When not participating in science fairs, I can usually be found reading, writing, hoop dancing, or simply being outdoors. My advice to fellow students is to pick a project that interests you and that you are passionate about. Never be disappointed with the results of your project. If they weren't what you expected, or the project just didn't work out it still has value and is never a failure.

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