

# CWSF 2018 - Ottawa, Ontario



## Willa Crowley

### Ungulate and Canid Interactions at a Mineral Lick

**Challenge:** Environment

**Category:** Junior

**Region:** Central Interior British Columbia

**City:** Fort St James, BC

**School:**

**Abstract:** The purpose of my project was to determine if canids (wolves and coyotes) affect ungulate (moose, deer and elk) activity at a mineral lick/spring. In general, my results supported my hypothesis. For both seasonal and daily activity, ungulates and canids were active at different times. Future studies should observe and record predator/prey interactions, to better understand the importance of seasonal use of mineral licks.

#### Biography

Hello, I'm Willa, an eighth grade homeschool student from Fort St. James, B.C. I came up with the idea for my project because my Dad is a wildlife biologist, so I've always had an interest in this kind of research. In future projects, I would include more variables (i.e. weather, temperature) and study the mineral lick over a longer period of time. When not working on science fair projects, I spend a lot of my time reading, writing, or simply being outdoors. Being an avid birder, I also hope to someday pursue a career in ornithology. My advice to fellow students is to never be disappointed with the results of your project. Whether things didn't go as expected, or simply didn't work out, all that matters is that you enjoyed doing it.

#### Awards

#### Value

Excellence Award - Junior - Bronze Medal Sponsor: Youth Science Canada	
Western University Scholarship Bronze Medallist - \$1000 Entrance Scholarship Sponsor: Western University	\$1 000
Total	\$1 000