**BIOL 380: Camera Trap Study – Winter 2021**

**CRN 28501**

Dr. Phil McLoughlin and PhD candidate Paul Boyce are looking for BIOL 380 students to assist with data analysis of large camera-trap study.

The project will run remotely in the Winter of 2021. A total of five students will be selected for this project. Individuals with ecology (BIOL 228) or population ecology (BIOL 363) are preferred. For this project, you will assist in the analysis of a large photo data-set assessing predator-prey interactions in the Rocky Mountain foothills. Assistants will identify free-ranging horses, predators, and other prey species such as elk. Capture-mark-recapture analyses will be applied to these data to determine reproduction, survival and population demographics in relation to predator density and species spatial overlap.

Much of the student work will be done on your own schedule (asynchronously), with regular meetings planned as per individual student and class needs.

For more information contact, Paul Boyce (paul.boyce@usask.ca) or the Department of Biology (biology.dept@usask.ca).