



UNIVERSITY OF ALBERTA
FACULTY OF SCIENCE
Department of Biological Sciences

PDF in Red squirrel population dynamics

The Kluane red Squirrel Project has 20+ years of data for up to 6 populations of red squirrels in the southwestern Yukon. The information is individual-based and consists of complete censuses of the entire population twice yearly plus individual birth dates, survival, reproductive performance, and territory location. We have accurate measures of yearly cone production along with longterm indices of predator and snowshoe hare abundance. Some of the squirrel populations have received food supplementation in the form of peanut butter addition to individual squirrels from October through May for up to 10 years.

We are seeking a PDF interested in exploiting this rich dataset to address a range of population dynamics questions. Individuals should be well schooled in modern population dynamics analyses techniques and be prepared to work in a highly collaborative environment consisting of three professors (Boutin, Humphries, McAdam) and associated graduate students.

The position is based at the University of Alberta and salary (45,000 per annum) is guaranteed for up to 2 years subject to satisfactory performance. Start date is flexible but the sooner the better.

Interested candidates should provide an outline of potential questions that could be addressed (1 page maximum), a CV plus the names of 3 references via email to Stan Boutin (stan.boutin@ualberta.ca).