

PAW Semester Progress Report

Project ID: Q 2.2.

Title: Modeling and simulating grizzly bear food supply, carrying capacity, behavior, and abundance in the Alberta Foothills.

Institution: University of Alberta

Project Supervisor: Scott Nielsen

HQP Name: Christopher Souliere

Committee Members

☒ See Progress Report Year: 2018
Semester: Sep-Dec

☒ Names: Dr. Scott Nielsen, Dr. Colleen Cassidy St-Clair, Gordon Stenhouse

Report Period

Year: 2019

S1
Summer
May-Aug

S2
Fall
Sep-Dec

☒ S3
Spring
Jan- Apr

Number of Courses Left to Complete

1

Tasks Completed this Semester

- Chapter 1 manuscript on question 2.2 complete (food supply in fire and harvest); finalizing for submission.
- Started coding individual-based model looking at top-down and bottom-up factors.
- Started exploring optimization techniques to be used in forest optimization model.

Publications and Presentations

Souliere, C.M. (2018). Food Supply and Landscape Carrying Capacity. Grizzly-PAW Y2 Annual General Meeting, Edmonton, AB.

Annual General Meetings

AGM1

- ☒ Attended
- ☒ Reported results

AGM2

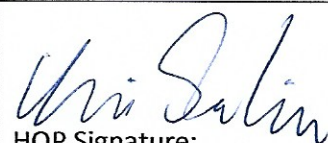
- ☒ Attended
- ☒ Reported results

AGM3

- ☐ Attended
- ☐ Reported results

Research Targets for next Semester

- 1) Submit the manuscript for question 2.2 for publication.
- 2) Complete individual-based model coding and test results.



HQP Signature:

Date: 29/04/2019

Project Supervisor Signature:

Date: 29/04/2019

