

Presented By: UNBC's Natural
Resources & Environmental
Studies Institute



PUBLIC PRESENTATION



Maternal Roosting Characteristics of Northern Myotis

Guest Presenter: **Brian Paterson**

Principal/Biologist

Zonal Ecosystem and Wildlife Consultants Ltd.



**Wednesday
April 17, 2024**

**Presentation
12:00 pm
(PDT/MST)**

**Dawson Creek
Ministry of Forests
District Office
Boardroom
9000-17th St.
Dawson Creek, BC**

**Participants can also attend
remotely by**

going to:

**[www.unbc.ca/nres-
institute/colloquium-
webcasts](http://www.unbc.ca/nres-institute/colloquium-webcasts)**

Presentation Summary:

Brian Paterson is a professional biologist living in the Peace Region of British Columbia near Dawson Creek. Among other things, Brian has been studying bats in the Peace Region for the past 15 years. A return presenter with the FWCP / UNBC Colloquium Series of talks, Brian is excited to present some of his more recent research on the maternal roosting characteristics of the federally endangered Northern Myotis (*Myotis septentrionalis*), whose range in BC appears to be most closely tied to mature (broadleaf) seral associations in the moist, warm Boreal White and Black Spruce (BWBSmw) biogeoclimatic zone. With funding from FWCP and other partners, including HCTF and WLRS, Brian and his project collaborators have found that reproductive female Northern Myotis in the South Peace select for mature trembling aspen that consistently contain particular features. In addition to describing specific features of tree roosts that reproductive Northern Myotis prefer in this Region, Brian will also highlight why best management practices for this species needs to include stand-level management as opposed to maintaining individual roost trees.

Brian is a professional biologist, member of the BC Bat Action Team (BCBAT), a contributor to the BC Community Bat Program, and has extensive experience analyzing ultrasonic bat recordings, capturing, and radio-tracking bats throughout the province with an emphasis on Northeastern BC. Some of Brian's experience includes manually vetting acoustic bat recordings for the North American Bat Monitoring Program, WLRS, and BC Parks, co-authoring provincial RISC standards for bat acoustics, contributing regional knowledge of bat hibernacula, and leading fatality monitoring programs for bats at several wind energy developments.

All are welcome to participate. There is no cost to attend and no registration required to attend in person. However, pre-registration is required to tune in remotely.

The Natural Resources & Environmental Studies Institute at the University of Northern British Columbia, together with its partners, invite those with interest in learning more about northern myotis to participate in this online presentation and discussion.

This event is funded by the Fish & Wildlife Compensation Program (FWCP). The FWCP is a partnership between BC Hydro, Fisheries & Oceans Canada, First Nations, Public Stakeholders and the Province of BC, to conserve and enhance fish and wildlife in watersheds impacted by existing BC Hydro dams.

