

LOCAL STEWARDSHIP AND COMMUNITY INVOLVEMENT IN BAT CONSERVATION



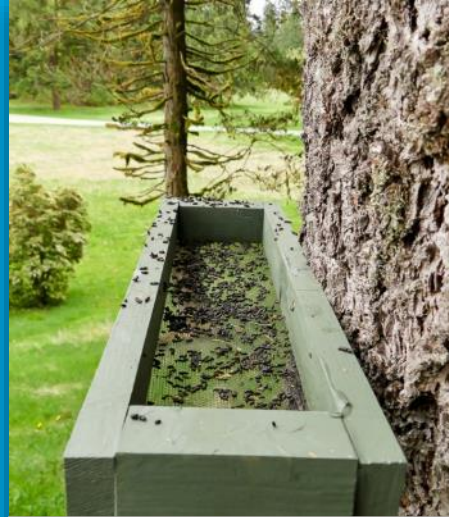
Photo by J. Saremba

Burke Mountain Naturalists Society (BMN) Bat Program
Presented by John Saremba, BMN Bat Program Coordinator

BMN Bat Program – Presentation Topics



Bat Counts



Guano Collection



Habitat Enhancement



Bat Roost Surveys



Education/Outreach



Research

1. Bat Monitoring – Annual Bat Counts

Bat count session at Colony Farm Bat Boxes
(maternity colony of 800 to 900 bats)



One of several bat count stations at
Minnekhada Regional Park



2. Bat Monitoring – Bat Call Acoustic Detection

Monitoring supplemented by bat call detection



Recorded bat calls

TELUS 10:07 AM 71%

Search...

Sort by Species ▲ Sort by Time ▼

✓	NoID_20190826_205708 August 26, 2019 at 8:57 PM	0 s
✓	MYOYUM_20190826_205653 August 26, 2019 at 8:57 PM	14 s
✓	MYOYUM_20190826_205644 August 26, 2019 at 8:56 PM	8 s
✓	MYOLUC_20190826_205632 August 26, 2019 at 8:56 PM	11 s
✓	MYOLUC_20190826_205602 August 26, 2019 at 8:56 PM	6 s
✓	MYOLUC_20190826_205555 August 26, 2019 at 8:56 PM	6 s
✓	MYOLUC_20190826_205520 August 26, 2019 at 8:55 PM	6 s
✓	MYOLUC_20190826_205510 August 26, 2019 at 8:55 PM	9 s
✓	MYOCIL_20190826_205240 August 26, 2019 at 8:52 PM	14 s

SELECTED FILES 29 (258.4 MB) Summary

Photo by J. Saremba

3. Bat Monitoring – Guano Collection Program

Annual fresh spring guano collection



Wood-frame guano collection trays



4. Bat Habitat Enhancement – Creation of Bat Habitat

Installation of bat boxes in regional and municipal parks

Girl Guides bat boxes installation



5. Bat Roost and Habitat Assessment Field Surveys

Field work to study existing and potential bat roosts



Inspection of bat boxes



6. Bat Education and Outreach Activities (I)

Educational displays at community events



Bat costume is quite a draw



7. Bat Education and Outreach Activities (II)

Community bat educational walks



“Stories Under the Stars” family event



8. Bat Research and Citizen Science Projects

BMN volunteers assist Leah Rensel's project



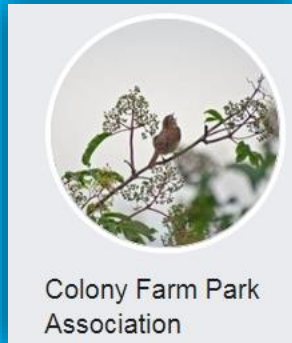
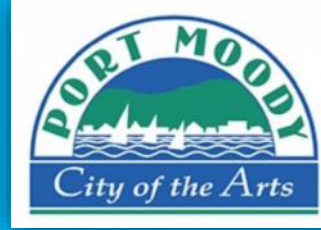
Cori Lausen's probiotic project at Colony Farm



BMN microclimate study in Bat Mini-condo



9. Bat Stewardship – Our Partners, Sponsors and Supporters



Wildlife Conservation
Society Canada

