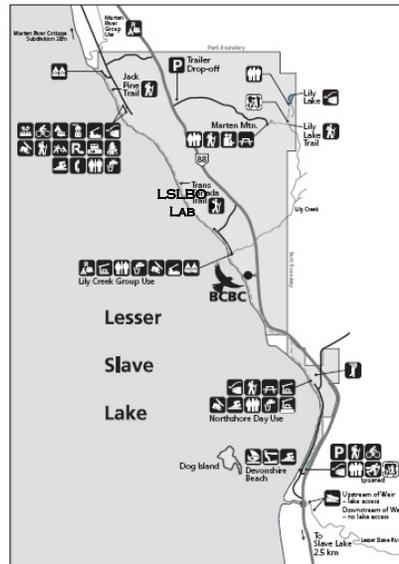


## Come visit the Lesser Slave Lake Bird Observatory

- Become a member of the Lesser Slave Lake Bird Observatory and help support our exciting research programs.
- Book a LSLBO Banding Lab tour and see these amazing boreal birds up close.
- Visit the Exhibit gallery at the Boreal Centre for Bird Conservation to learn more about the importance of birds and the boreal forest.
- Volunteer for one of our fantastic research and education programs at the Boreal Centre for Bird Conservation .
- Enjoy one of our education programs or interpretive tours and explore the wonders of the boreal forest.
- Volunteer during the summer at the LSLBO Research Lab and experience our bird banding program.



The new Boreal Centre for Bird Conservation  
Lesser Slave Lake Provincial Park.  
Located 18.5 k m. north of Slave Lake, Alberta.



### Lesser Slave Lake Bird Observatory

Boreal Centre for Bird Conservation  
Box 1076  
Slave Lake, Alberta  
T0G 2A0

Phone: 780-849-8240  
Fax: 780-849-8239  
E-mail: [info@borealbirdcentre.ca](mailto:info@borealbirdcentre.ca)  
Website: [www.lslbo.org](http://www.lslbo.org)

# Lesser Slave Lake Bird Observatory

*Promoting Bird Conservation through  
Research and Education*

## Research Programs



# Lesser Slave Lake Bird Observatory Research Programs



## “Dedicated to Bird Conservation through Research and Education.”



LSLBO RESEARCH LAB

The Lesser Slave Lake Bird Observatory (LSLBO) was established in 1994. Located along the shores of Lesser Slave Lake, the LSLBO research lab is situated in a natural funnelling point for neo-

tropical migrants. Exciting research projects are underway to learn more about avian ecology, population dynamics, migration and the importance of the boreal forest.

In 2006, the Boreal Centre for Bird Conservation (BCBC) officially opened providing an exciting interpretive centre for visitors and a permanent home for the LSLBO. This facility also offers workspace for visiting scientists who wish to use the BCBC as a base of operations.

The LSLBO is an independent, non-profit society that is supported by grants, donations and society memberships. For more information on the Lesser Slave Lake Bird Observatory and our research projects (including weekly reports from the banding lab) visit the LSLBO website: [www.lslbo.org](http://www.lslbo.org).



## Migration Monitoring Program

The LSLBO is the northern most member of the Canadian Migration Monitoring Network which is sponsored by Bird Studies Canada and the Canadian Wildlife Service. Avian numbers and species are monitored during the two migration periods.



• **Spring Migration**—end of April to early June

• **Fall Migration**—early July to beginning of October

A daily count of the number and species of birds migrating through Slave Lake are determined using:

1. **Daily constant effort mist netting** (our bird banding program)
2. **Visible Migration Counts** at the same time and place each day. Recording the number and type of every bird seen and heard during those times.
3. **Casual observations.**

Important biometric data is also collected during the banding process. Since 1994, the LSLBO have banded over **51,000 birds** and **249 different bird species** have been recorded. For more information on the LSLBO banding program results since 1994, visit the Bird Studies Canada website at <http://www.bsc-eoc.org/national/cmmn.html>

## Northern Saw-whet Owl Monitoring Program



This study focuses on the population dynamics and biometrics of this tiny owl during fall migration. Nightly banding and observations help the LSLBO to gain a better understanding of the breeding range and density of this important owl species.

## Monitoring Avian Productivity and Survivorship (M.A.P.S.)



This North America wide research initiative is one of the only avian monitoring programs that offers survivorship estimates on adult birds as well as productivity indices at the landscape level. The LSLBO monitors four of only six boreal region sites in the MAPS program. The focus of this special banding program is monitoring bird species that are breeding in the local study areas.

More information on the MAPS program as well as results of the project can be viewed at <http://www.birdpop.org/maps.htm>

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## Canada Warbler Study



The purpose of this LSLBO designed study is to gain a better understanding of the breeding ecology of one of the least studied warblers in Canada. Since 2004, LSLBO

researchers have been identifying territories of Canada Warbler nesting pairs within the study area. Researchers closely monitor the nests and hatchlings to gain a greater understanding of breeding density, site fidelity, territory size, nesting success, nest site requirements, and habitat associations of these beautiful warblers.

**For more information on any of these research programs, contact the Boreal Centre for Bird Conservation at 780-849-8240.**