

Why should you join the ABMI?

- Spend your summer travelling through Alberta's boreal, mountain and prairie landscapes
- Have an adventure of a lifetime
- Do your daily commute by helicopter, ATV, argo, or kayak
- Contribute to our basic understanding of Alberta's natural world
- Potentially help discover a new species!
- Join a world leader in biodiversity monitoring
- Get paid for all of the above!

GET OUTSIDE. EXPAND YOUR FIELD SKILLS. MAKE A DIFFERENCE.

Apply online at www.abmi.ca.

Contact the ABMI's Monitoring Centre for more information: abmiinfo@ualberta.ca

Keep up to date: www.blog.abmi.ca

 Alberta Biodiversity Monitoring Institute
 @ABbiodiversity

NOW HIRING SUMMER FIELD TECHNOLOGISTS

PHOTO: CAITLIN WILLIER

It's Our Nature to Know
Alberta Biodiversity Monitoring Institute



About the ABMI

The Alberta Biodiversity Monitoring Institute (ABMI) is North America's largest biodiversity monitoring program. We are a non-profit, independent, science-based organization that monitors and reports on the status and trends of Alberta's species, habitat, and human footprint. The goal of the ABMI is to provide scientific information on the state of Alberta's biodiversity to support natural resource and land-use decision making in the province.

To do this, the ABMI collects data at 1656 randomly selected sites across the entire province, including remote boreal forests, alpine meadows, and agricultural fields. Field technologists collect data on terrestrial and wetland biodiversity on public, private, industrial and protected lands. Each site is re-visited every 5-7 years to monitor the status and trends of biodiversity in Alberta.

The ABMI is a value-neutral, independent organization with publically accessible data. The ABMI's data has been applied to a variety of research, including: climate change, rare plants, ecosystem services and reclamation.

For more information about the ABMI, visit www.abmi.ca.

Work for the ABMI:

Field Technologists

Every year, the ABMI's Monitoring Centre hires field technologists who perform surveys at confidential ABMI site locations, via helicopter, ATV, argo and foot access. There is opportunity to work as a terrestrial or aquatic technologist in the northern, remote boreal forests, or southern grasslands and foothills. Field technologists receive in-depth, habitat-specific training for both spring and summer survey protocols.

Terrestrial Field Technologists' survey protocols include:

- *Breeding bird surveys (recordings)*
- *Vascular plant identification and moss and lichen collection*
- *Classification of ecosite and forest stand characteristics*
- *Tree and soil core collection*

Aquatic Field Technologists' survey protocols include:

- *Vascular plant identification*
- *Classification of ecosite and wetland characteristics (depth, conductivity, etc.)*
- *Wetland mapping (bathymetric and wetland zones)*
- *Freshwater invertebrate collection*

Field work takes place May 1-July 1. At the end of the summer (August 1-31), technologists work in a laboratory in Edmonton to sort and identify the moss, lichen or freshwater invertebrate samples collected during field work.

Summer field technologists' **salary** includes competitive wages, food and accommodations from May 1 to August 31. All field technologists who complete the entire field and laboratory schedule will also receive a completion bonus.

As part of **field training**, technologists may receive the following certifications: ATV Riders Course, Bear Awareness and Avoidance, First Aid, Wilderness First Aid (remote technologists), Lake Canoe Skills Intermediate Tandem, job-specific safety training (e.g., WHMIS, TDG). Through laboratory training technologists will also learn to identify mosses, lichens or freshwater invertebrates to family, genus or species.



PHOTO: JASON JOHNSTON



PHOTO: GUILLAUME GINGRAS