

Alberta Invasive Species Conference

March 7, 2023

















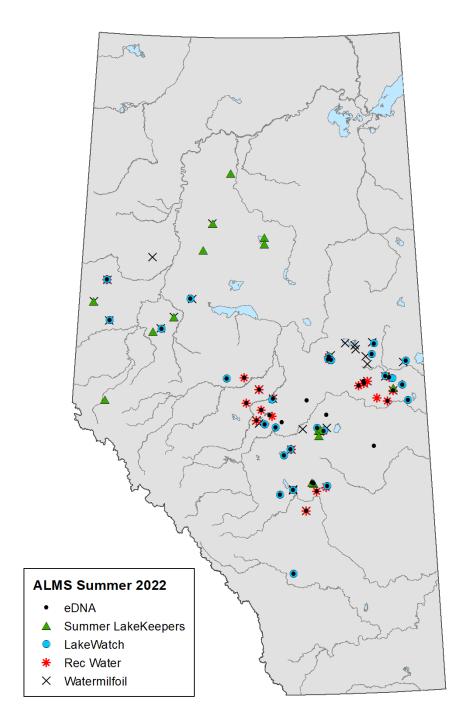


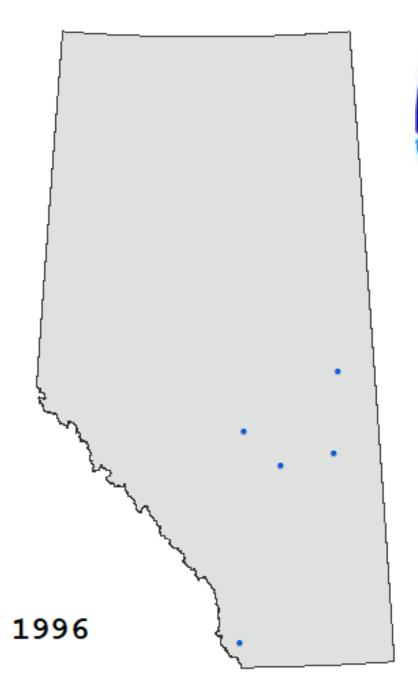




ALMS Summer 2022

- LakeWatch Program
- LakeKeepers Program
- Recreational Water Monitoring Program
- Watermilfoil Monitoring
- eDNA Monitoring







- Participatory program
- Established in 1996
- Currently intensive monitoring on 30 lakes annually.
- Long term trends in water quality.

Are we looking for aquatic invasive species?















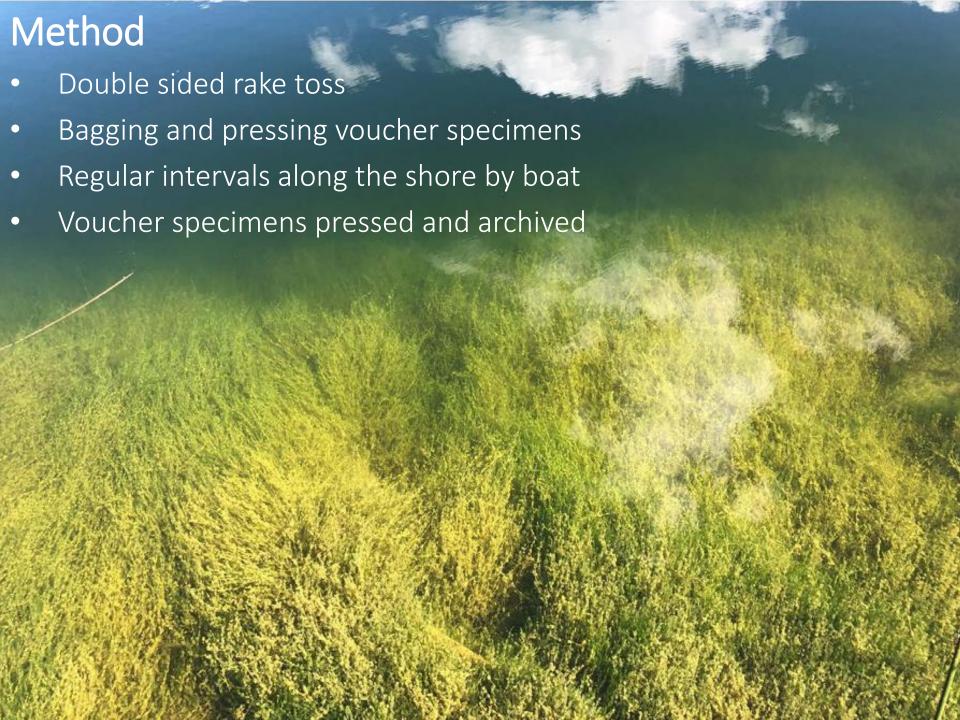
- Winter lake monitoring now one of our biggest programs.
- AIS monitoring in the winter?



Aquatic Plant Monitoring

- Formal program in 2014, 2015
- Surveys in partnership with lake residents.
- Surveys still conducted by request.

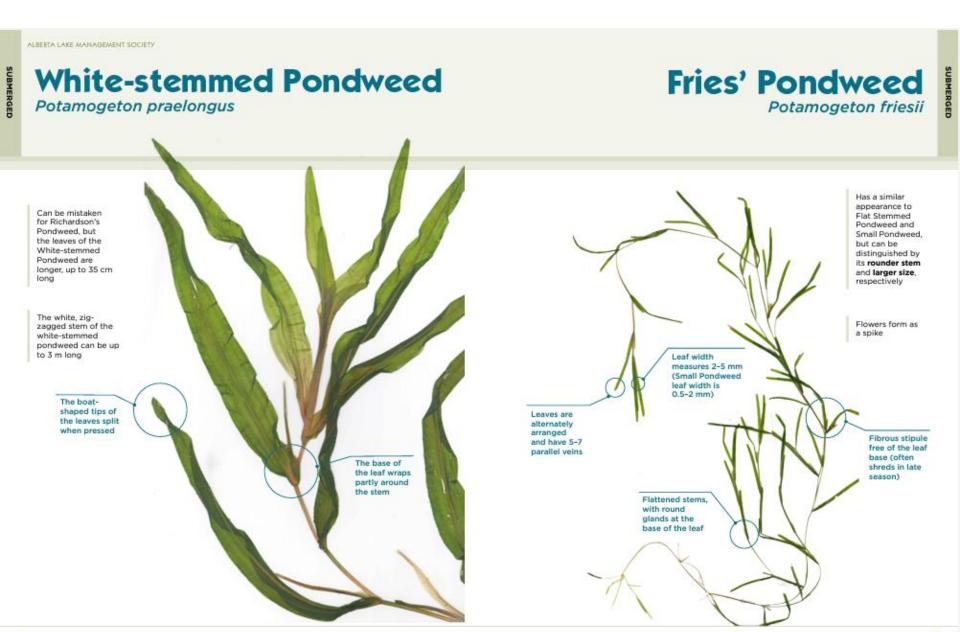






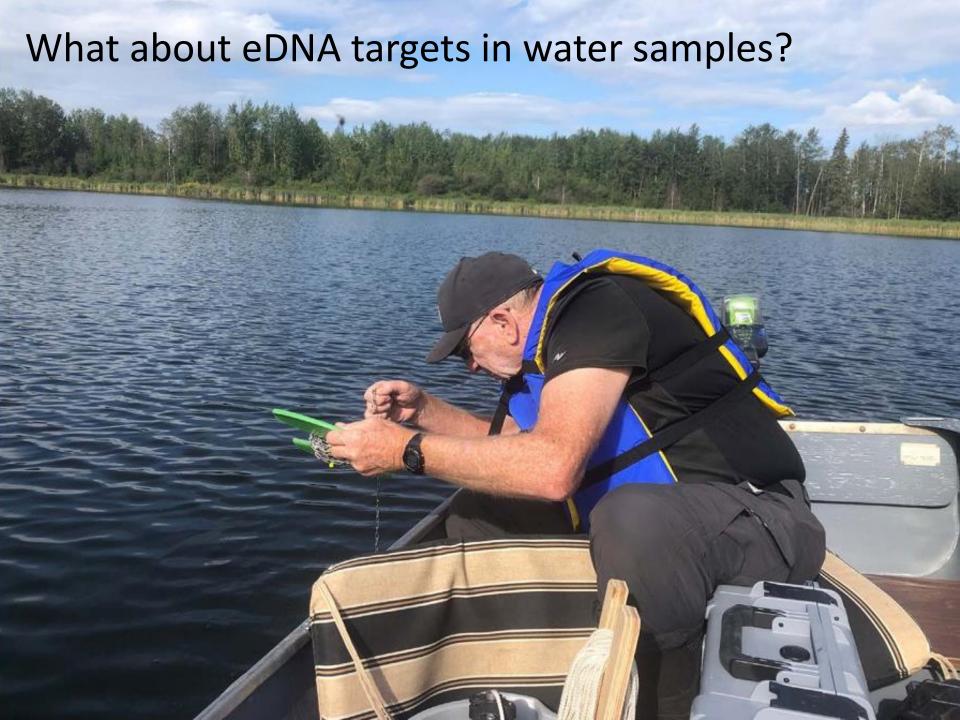


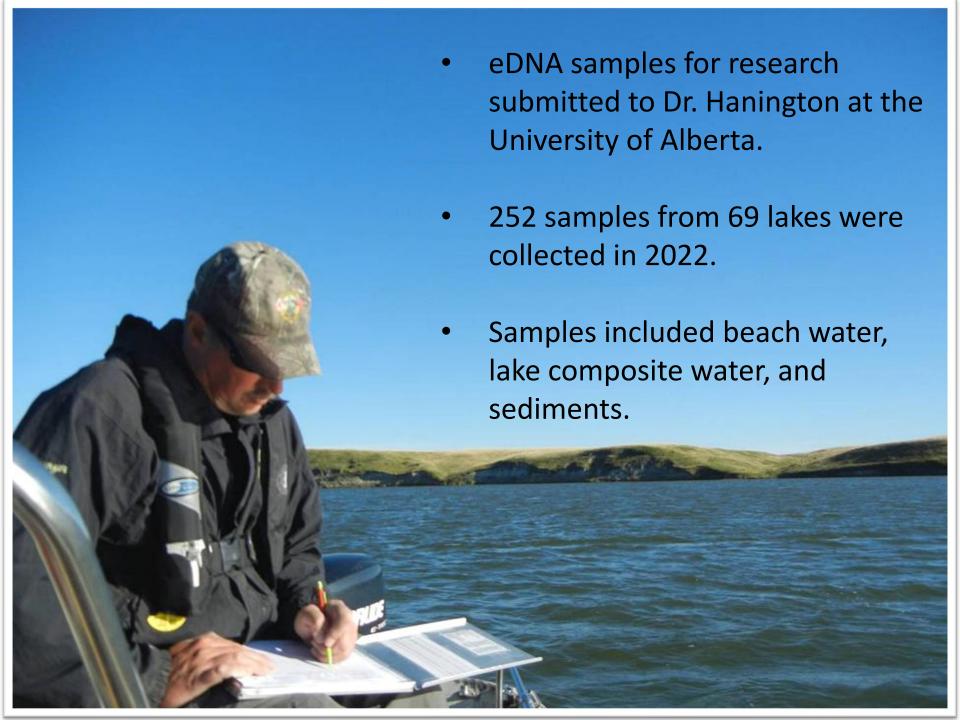
Bioblitz program led to the development of an aquatic plant field guide. https://alms.ca/plant-id-book/



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Eurasian Watermilfoil Monitoring Alberta Plant Health Lab partnership Approximately 30 watermilfoil specimens submitted annually since 2019. X No invasive Eurasian watermilfoil detected. lass fication: Protected A





In 2023, ALMS will support research by Dr. Hanington which will utilize eDNA backpacks for invasive species and species at risk surveys.









