NatureLynx

Creating a Biodiversity Network: From Citizens to Institutions

ABMI Information Forum Wednesday, January 30, 2019



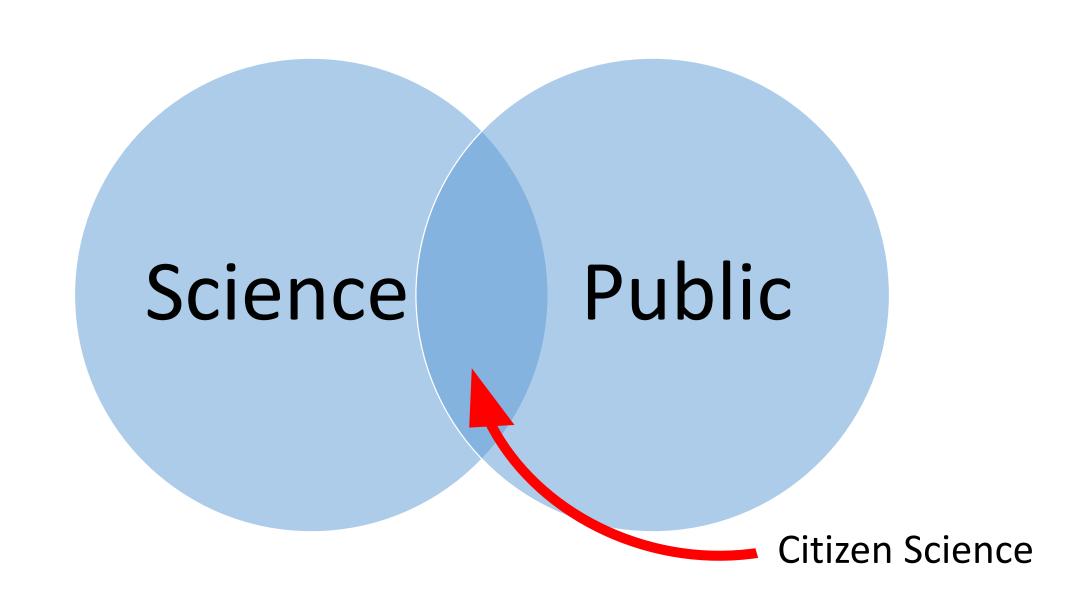
Citizen Science



"In North America, citizen science typically refers to research collaborations between scientists and volunteers, particularly (but not exclusively) to expand opportunities for scientific data collection and to provide access to scientific information for

community members" (Cornell)





The ABMI Today: Our Mission



We track changes in Alberta's wildlife and their habitats from border to border, and provide ongoing, relevant, scientifically credible information on Alberta's living resources.



Citizen Science and the ABMI

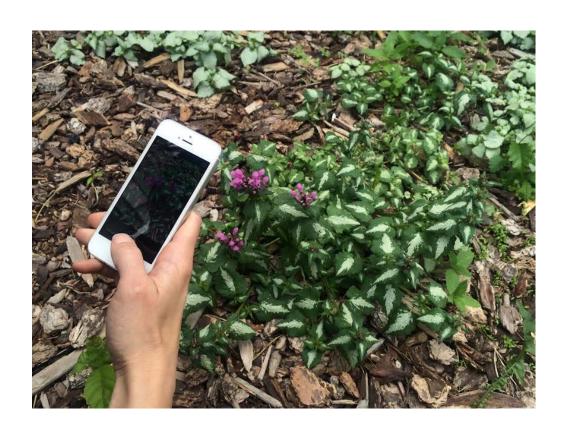


- ABMI has taxonomic expertise to share with a broader community
- Over a decade of experience managing, assessing, and reporting on biodiversity data
- Commitment to open data and knowledge translation
- "Our work serves to enrich Albertans' appreciation of our shared natural heritage"



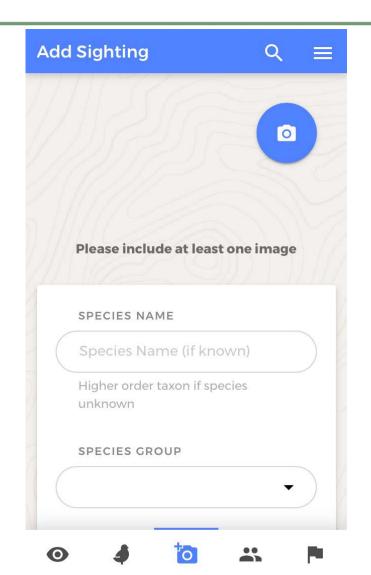
What did we come up with?

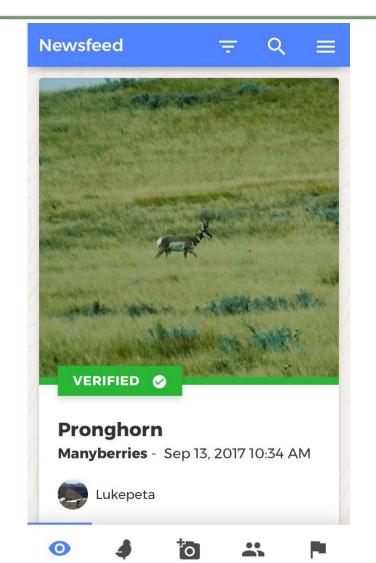


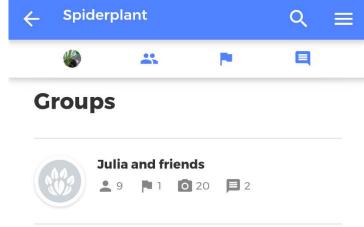


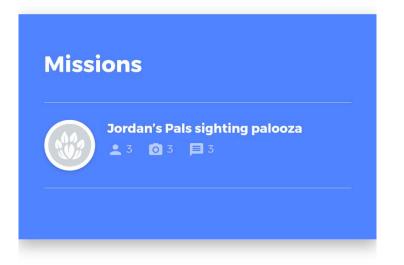








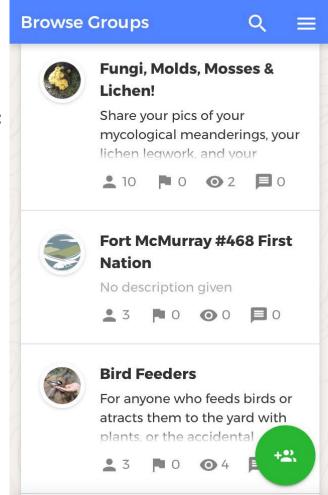


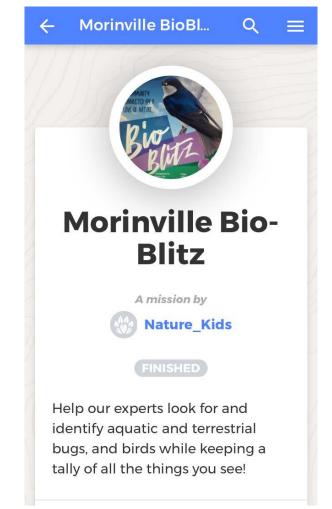




Groups and Missions

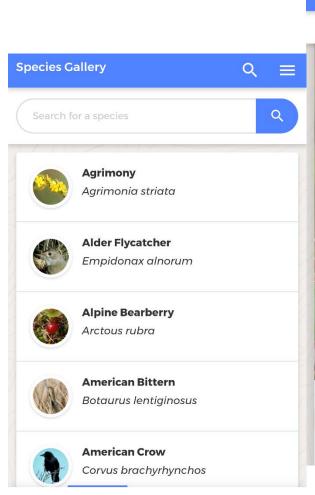
- Groups:
 - Great way to collect data for a specific community
- Missions:
 - Can answer more specific questions
 - "Call to Action"







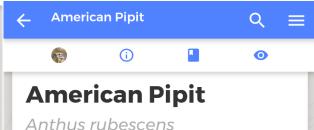
American Pipit





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American Pipit



The American Pipit is a tough bird to see in Alberta. Sure, it lives in open areas and the males sing loudly during the spring and summer breeding season. But here, the open areas it selects for nesting are high alpine meadows in the Rocky Mountains. If you're lucky, or keen, you may also find it on the prairies. But it is only there for a brief time as it migrates through our province.

About this species

Common name American Pipit

Scientific nameAnthus rubescens

Characteristics

 A small songbird lacking strong markings. Males are slightly larger than females, but they look alike.

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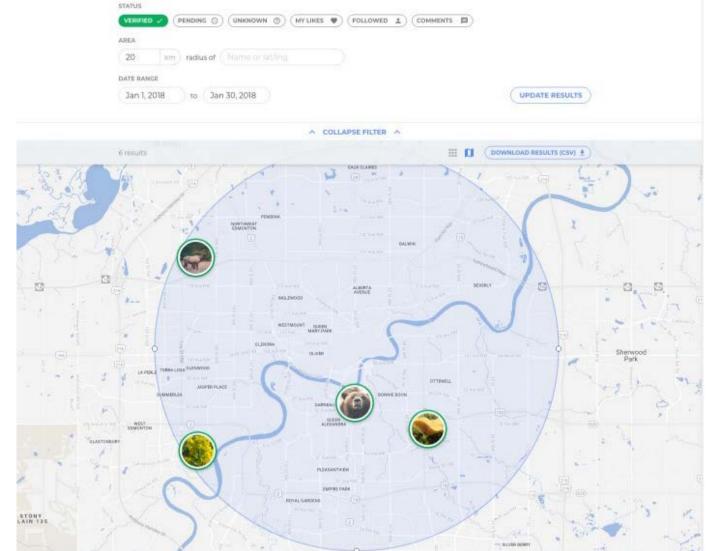
- Generally brown or tan coloured with dark streaks on its breast, wings, and tail.
- It has a pale, thin, pointed bill, a black eye, and a pale eyebrow.
- Pale throat and buff-coloured belly with dark streaks.

? Confused with

The American Pipit and Sprague's Pipit could easily be confused. But if you look at their sides you will notice the buff-coloured streaks on the side of the American Pipit. The Sprague's Pipit has plain, pale-coloured sides. The rest of the Sprague's Pipit's body is more strongly streaked than the American Pipit.

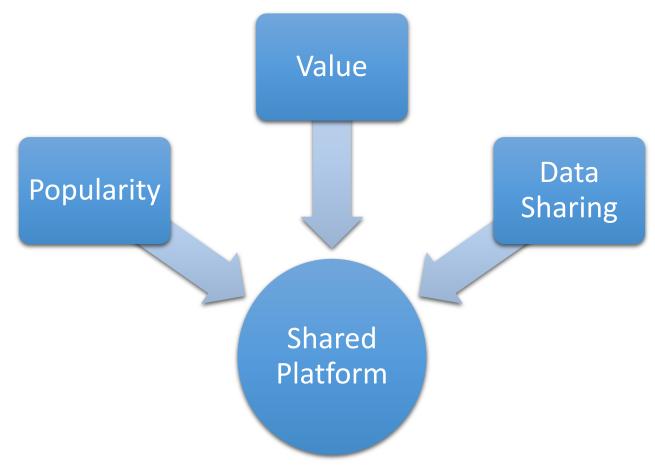


Downloading data



Why?





It's Our Nature to Know

Why?





Where do we go from here?



NatureLynx "Lite"

- Launched in July 2018
- Identifying development priorities, bug fixes, new features
- Gathering user feedback
- Scaling up for spring/summer 2019

Discussion



Some things I'm curious about...

Value • Is this something you would use? **Improvement** • What can we do to make it better? Oversight • Are we missing something here? **Evolution** • Future development considerations/new direction? • What other research questions should we consider? Partnerships • Can we work together to make it better?

Thank you

Jordan Bell Citizen Science Coordinator Alberta Biodiversity Monitoring Institute

jordan.bell@ualberta.ca

