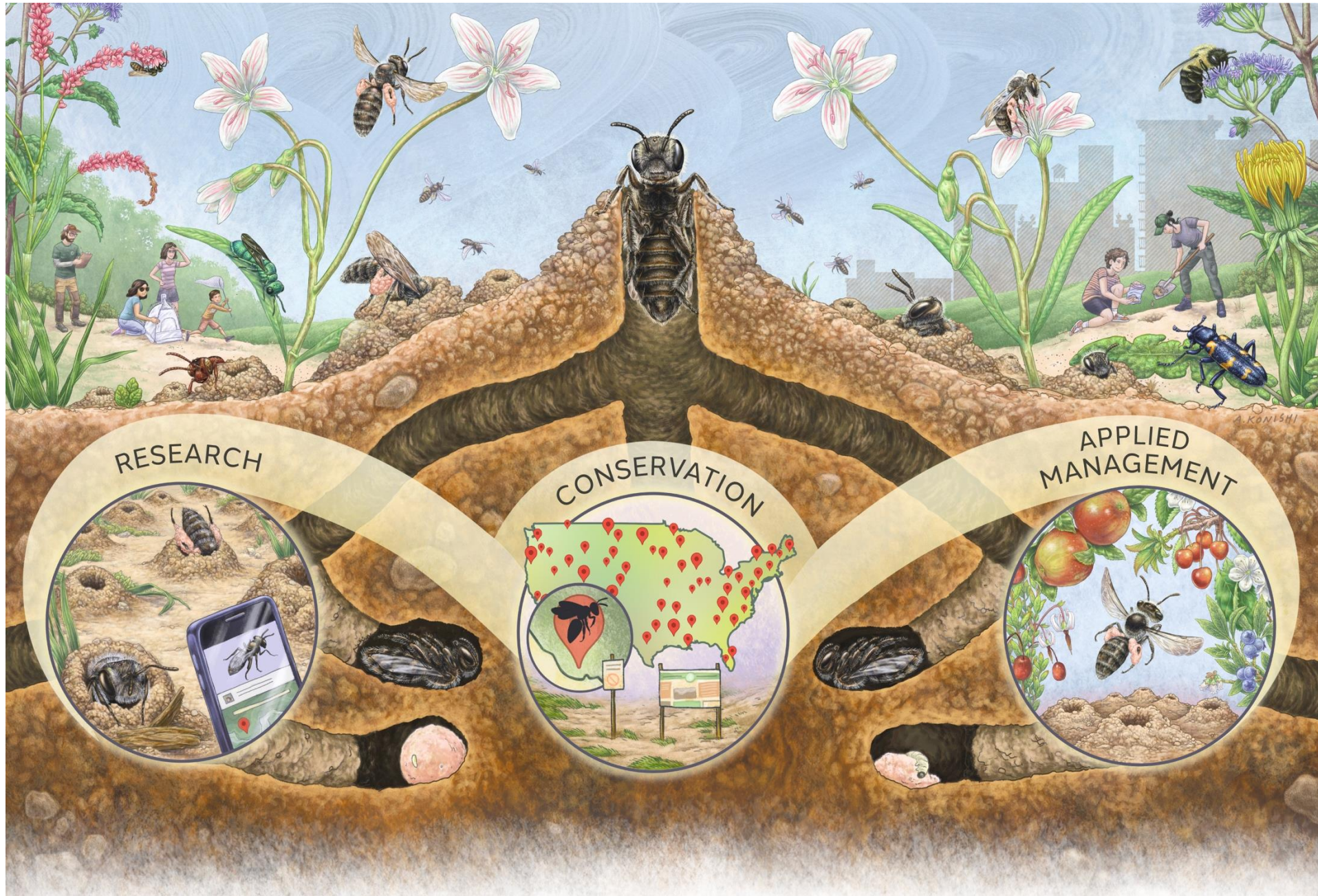


PROJECT GROUND-NESTING BEE



PRINCIPAL RESEARCH OBJECTIVES

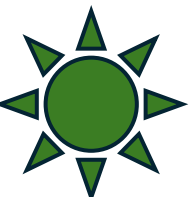


1) What drives nesting site selection?

Nest site selection is influenced by both biotic and abiotic factors, but remains poorly understood for most species

2) What allows them to succeed long-term?

Studying ground-nesting aggregations over time is essential for understanding population stability and persistence



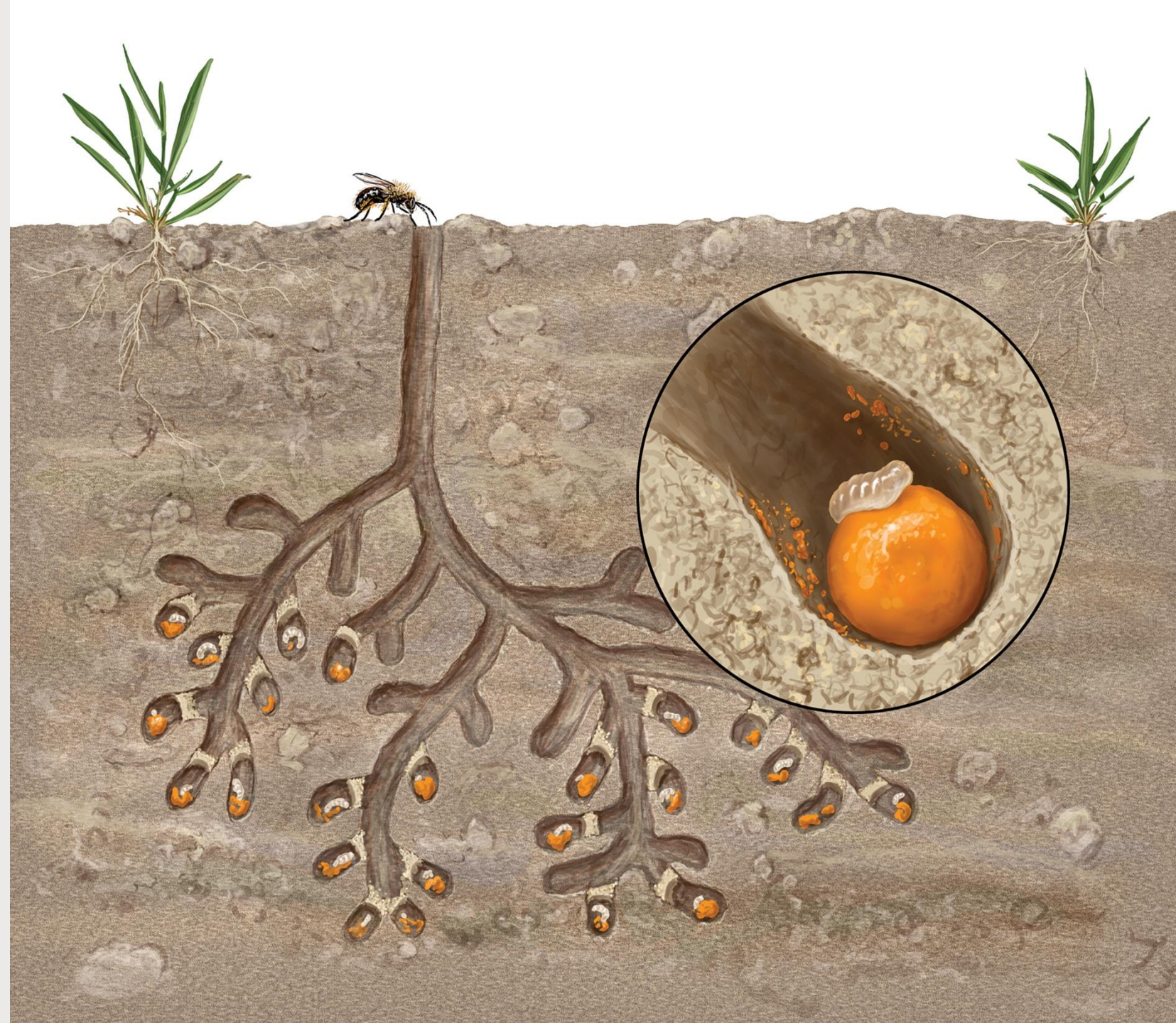
Community science is the only way to address these questions

LEARN HOW TO MAKE AN OBSERVATION

Follow instructions using the web address

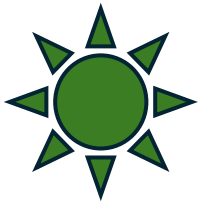
<https://www.gnbee.org/reporting-observations.html>

PROJECT SITE



HOW TO MAKE A TOP-RATE OBSERVATION

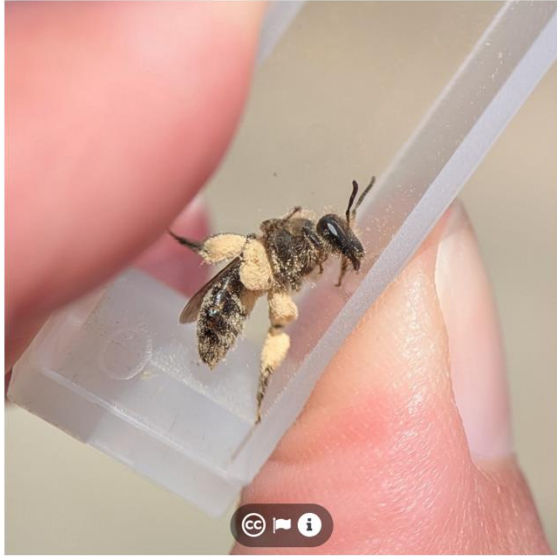
- 1) Robust photo documentation
- 2) Improve location accuracy
- 3) Estimate size of nest site area
- 4) Estimate # of nest entrances
- 5) Offer description of site
- 6) Estimate slope
- 7) Estimate aspect
- 8) Consider inter-nesting bee sp.
- 9) Consider parasites of host bees



EXCELENT!


Email:
groundnestingbees@gmail.com

Bradley's Mining Bee (*Andrena bradleyi*) Research Grade Follow



roughlegged 1,147 observations

Observed: May 1, 2025 · 1:42 PM ADT Submitted: May 4, 2025 · 1:33 PM EDT




Glenwood, NS B0W 1W0, Canada Details

mollymjacobson faved this observation

Notes

Revisiting aggregation from last year for Ground Nesting Bee project. Moderate activity, counted 110 nests. Bee in closeups was captured as she started to enter the nest center field in photo 8. Photo 9 shows a different bee emerging from another nest and photo 10 shows a third bee starting an excavation within the aggregation. Photos 11 and 12 show the aggregation, which is on the shoulder of a dirt road facing WSW and just downslope of the summit of a small rise in the road, but the adjacent terrain slopes down to the road. Some nests are below the alders and others have no overhead cover. Have not noted any nests under adjacent leaf litter but can't rule it out. Have only seen the one *Andrena* species in this aggregation.

Community Taxon

Bradley's Mining Bee (*Andrena bradleyi*) 

Cumulative IDs: 2 of 2

0 2/3rds 2

Agree Compare About

The nesting area



Nesting activity



Bee using the nest



The head shape and fovea



The wing veins and abdomen



Approximate bee size



DETERMINE INTER-NESTING

Host Bees



Bee Parasites



Photo by Ulrich Maier



Photo by Paul Geisendörfer

Supported by

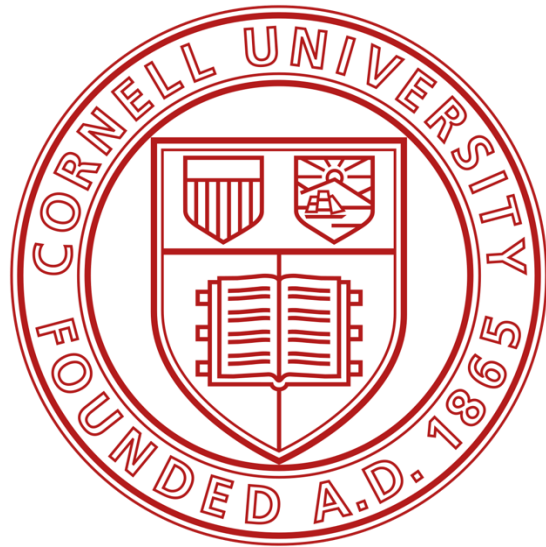


Photo by Daniela Raguth