

BUGS BELOW ZERO

DISCOVERING WINTER ACTIVE INSECTS



Bugs are everywhere! In Minnesota, aquatic insects can be found in lakes, rivers, and streams every season of the year including the winter. Learn more about how aquatic insects impact our ecosystems, economy, and community and get involved with our community science program at BugsBelowZero.com!

The University of Minnesota Bugs Below Zero project aims to research and raise awareness of winter active aquatic insects. It consists of an interdisciplinary team of experts and is funded by the Minnesota Environmental & Natural Resources Trust Fund (ENRTF).



Meet the insects

In the winter, active insects can be found crawling along streams and snowbanks, helping to maintain healthy streams and food webs.

Non-biting midges

Family: Chironomidae



Stoneflies

(Order: Plecoptera)



Caddisflies

Order: Trichoptera



Mayflies

Order: Ephemeroptera



Get Involved in Community Science

Community science occurs when members of the public collect information and share what they find with researchers. Help the Bugs Below Zero team collect data on winter active insects by walking along banks of ice-free streams, searching for and identifying insects, and submitting information and photographs of insects you find on the snow. Anyone can be a community scientist!



Scan the QR code to get started.



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bugsbelowzero.com



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