

# Dating Laurentide Ice Sheet retreat from Isle Royale National Park, Michigan

*Eastern Michigan University*



Isle Royale National Park is best-known for its wolf and moose populations. Despite having been covered by the Laurentide Ice Sheet throughout the Quaternary, it is not known when glacial ice retreated from the island. This study uses  $^{10}\text{Be}$  exposure-age dating on glacial erratics on Mt. Desor, Isle Royale's highest point to determine when the island emerged from ice and to better understand links between land, ice, and climate.



**Visitor:** Eric W. Portenga

**Visit dates:** N/A- Unable to visit due to COVID-19 restrictions

I am a geomorphologist and a native Michigander. When I returned to Michigan, I was determined to use my  $^{10}\text{Be}$  experience to deepen my geological knowledge of my state. What better place to do this than Isle Royale, our state's only fully-fledged National Park?