



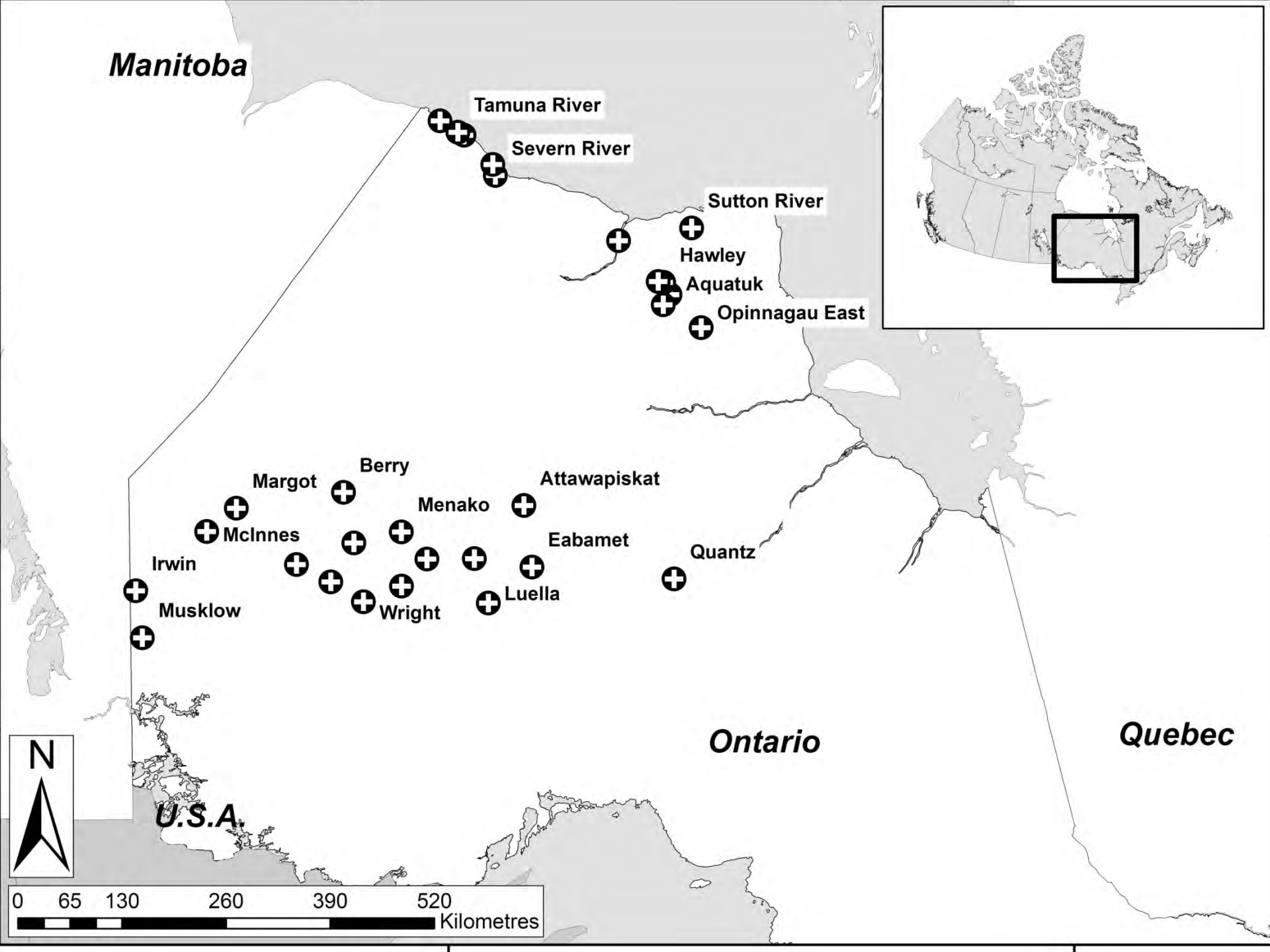
Ontario's Far North Research



Scope of the Research

- Multi Predator - Comparing food web positions and mercury bioaccumulation in co-habiting predators.
- Collecting samples of lake trout, burbot, walleye, and northern pike from lakes where all species live together.
- Determine if differences in Hg concentrations among fish species are primarily due to differences in their feeding ecologies or differences in their growth rates.





Collaborative Efforts:

OMNR, OMOE, Laurentian University and First Nation Communities

- Multi Predator project: Sampled 24 Lakes and 7 rivers north of 51°
- Work with J. Gunn (LU), B. Keller (LU) C. Jones (MOE) and Fort Severn F.N. to sample 4 rivers along the Hudson Bay Coast North of Fort Severn.
- Developed Field Manual and On-Line instructional video (www.livingwithlakes.ca) to process fish.
- Continued collaboration with Fort Severn F.N. to collect and sample fish from Severn R.
- Work with B.Keller, J. Gunn and Peawanuk F.N. to sample fish from Sutton River, Aquatuk Lake and Winisk River.
- Work with Ebamatoong F.N. (Eabamet L.) and Neskantaga F.N. (Attawapiskat L.). Used winter road network to access communities and Lakes.

Ongoing and Future Work in the Far North

- Working with Attawapiskat F.N. to collect and sample fish from Attawapiskat R. and Ekwana R.
- Work with Moosonee F.N. to collect and sample fish from the Moose R. and Albany R.
- Fish Processing workshop at Northern Ontario First Nations Environment Conference (Oct 2012).



