TABLE S1. Geographical and morphometric lake characteristics of the 15 lakes sampled.

Lake	Watershed[1]	Latitude[2]	Longitude[2]	Area (km^2)[2]	Maximum depth (m)[2]	Mean depth (m)[2]	Residence time (year)[2]	Drainage area (km^2)[2]	Elevation (m)[2]	Perimeter (m)[3]	Distance to nearest lake (m)[3,4]
Achigan	Achigan	45°56'34" N	73°58'41" W	5.320	26.5	12.3	1.18	97.060	209.0	22834.0	1459.406
Beaver	Achigan	45°55'30" N	74°03'50" W	0.037	6.2	2.0	0.85	0.151	360.0	924.0	272.174
Coeur	Coeur	45°58'06" N	74°00'36" W	0.437	7.6	3.1	1.30	1.736	349.0	7359.4	999.039
Cornu	Cornu	45°52'53" N	74°00'02" W	0.218	15.3	6.3	2.30	1.059	236.8	3533.0	845.637
Corriveau	Achigan	45°58'38" N	74°00'03" W	0.057	14.4	6.8	0.06	11.230	324.5	1332.1	959.488
Croche	Achigan	45°59'34" N	74°00'34" W	0.179	11.4	4.7	1.40	1.072	358.7	4550.9	452.447
Cromwell	Achigan	45°59'21" N	73°59'55" W	0.102	9.8	3.5	0.08	8.136	336.8	1916.9	785.556
Echo	Echo	45°53'14" N	74°01'24" W	1.600	9.0	1.8	0.43	12.020	233.0	12151.0	809.508
Fournelle	Connelly	45°54'53" N	74°02'28" W	0.189	8.4	2.9	0.22	4.390	279.6	3082.2	785.674
Montaubois	Achigan	45°55'20" N	74°04'23" W	0.166	32.6	13.7	7.80	0.508	350.0	2359.6	514.664
Morency	Morency	45°55'40" N	74°02'09" W	0.256	20.3	8.8	0.60	2.380	271.0	2934.6	1131.794
Pin rouge	Achigan	45°57'39" N	74°02'28" W	0.152	14.0	4.9	0.17	7.560	322.0	2181.6	511.121
St-Onge	Connelly	45°54'52" N	73°57'44" W	0.014	3.5	1.8	0.05	0.875	216.7	492.1	1580.956
Tracy	Achigan	45°55'38" N	74°03'57" W	0.083	24.5	8.2	1.40	0.881	345.2	1291.5	272.174
Triton	Achigan	45°59'16" N	74°00'29" W	0.017	4.3	2.5	0.46	0.163	364.0	680.0	452.447

[1] The data was extracted from the government of Québec documentation (Atlas de l'eau).

[2] The data was extracted from the bathymetric maps available on https://crelaurentides.org/atlas-des-lacs/.

[3] The estimations were computed on QGIS.

[4] The measurement was made from centroid to centroid.