

2014 Ottawa National Forest Lake Shoreline Surveys by Michael Terry

In 2014 Michael Terry surveyed 22 lakes on the Ottawa National Forest, looking for American shoregrass (*Littorella uniflora*) and other rare plants. The contract specifications focused on the shoreline (less than one meter depth), but the contractor also was on the lookout for aquatic invasive species, including Eurasian watermilfoil, curly-leaf pondweed, zebra mussel, quagga mussel, and rusty crayfish. Results for each lake include a “lake flora quick check card” form and a species list. No invasive species were found.

Lake Name	Acres	County	Date	Notes
Allen Lake	78	Gogebic	9/9/2014	Mesotrophic lake surrounded by about 1/2 private land with cabins and houses. Natural surrounding land ranges from Abies thickets to northern hardwood forest.
Banner Lake	25	Gogebic	8/5/2014	Bog lake, small, completely surrounded by bog. No shoreline apart from gradation into bog vegetation or floating bog mats. Surrounding woods are mostly black spruce into northern hardwood forest. Very little growing in water. Oligotrophic [dystrophic].
Bennan Lake	58	Iron	8/1/2014	Lake is close to ski/hiking trails & partly private land. Oligotrophic. Surrounding woods of mostly northern hardwood forest.
Big Bateau Lake	234	Gogebic	9/12/2014	Large, sandy-bottomed lake on the WI/MI border. Many islands. Mesotrophic.
Castle Lake	33, 8	Gogebic	9/11/2014	As in many lake surrounded by shoreline layer of conifers, including cedars (unlike many lakes), but surrounding forest is generally northern hardwood forest. Lake has very little vegetation, floating or otherwise. Shoreline is mostly strongly sloped land under conifers with 15% flatter, boggy areas.
Chief Edwards Lake	62	Iron	8/2/2014	Oligotrophic, relatively little algal growth, water clear. Surrounding forest with a lot of conifers. Substrate sandy/gravelly, occasionally mucky. 70% shore of bog, the rest of emergent marsh with occasional mudflats.
Cyrus Lake	23	Gogebic	7/30/2014	Mesotrophic lake on the WI/MI border surrounded by mesic-hardwood forest, conifer/hardwood forest, beaver ponds, & bogs.
Deadman Lake	50	Ontonagon	7/30/2014	Mesotrophic to eutrophic lake in hardwood forest to conifer/hardwood forest. Majority of shoreline is emergent marsh, with some boggy areas.
Estes Lake	28		9/7/2014	Pretty small lake with sandy/mucky bottom. Oligotrophic. Part private with a couple residences. No boggy Lakeshore. Shoreline is mostly emergent marsh with a couple sandy drawdown areas with Euthamia, Viola lanceolata, etc.
Finger Lake	60	Gogebic	9/9/2014	Relatively small lake with sandy/rocky bottom with dominant shoreline being areas of exposed beach, some areas of marshiness or boginess. Surrounding forest is mixed conifer/hardwood to northern hardwood forest. Lake is mesotrophic, with few floating plants.
Forest Lake	23	Iron	8/2/2014	Sandy-bottomed lake surrounded by hemlock/hardwoods & northern hardwood forest. Shoreline with many areas of exposed sandy drawdown in addition to emergent marsh. Mesotrophic.
Hager Lake	40	Houghton	9/5/2014	Very oligotrophic lake, mostly surrounded by pines & black spruce forests. ~60-70% of shoreline is bog. Rest of shoreline is emergent marsh. Aquatic vegetation sparse.
Holly Lake	38	Gogebic	7/29/2014	Mesotrophic to eutrophic. Surrounding woods are mixed conifer/hardwoods. Most shoreline is emergent marsh type habitat, with a few boggy spots. Not many rosette-formers seen.
Imp Lake	90	Gogebic	9/8/2014	Sandy/gravelly-bottomed lake surrounded by often steep edges of hemlock/hardwood forest to northern hardwood forest. Most of the shoreline is small zone of emergent marsh or marshy zone is absent. Sandy drawdown zones occasional. Boggy shoreline is rare.

Lake Name	Acres	County	Date	Notes
Little Castle Lake		Gogebic	9/11/2014	Separated from Castle Lake by a narrow piece of land mostly dominated by Abies. Majority of shoreline surrounded by bog. Lake is mesotrophic with much more vegetation than adjacent Castle Lake.
Norway Lake	52	Iron	9/5/2014	Very oligotrophic lake surrounded mostly by pine. Hardly any floating-leaved plants. Shoreline uniformly of Myrica gale, Dulichium, & Chamaedaphne. Soil is sandy but when it gets near shore becomes mucky. Some area
Redboat Lake	26	Gogebic	7/29/2014	Bog lake (shoreline is ~85% bog). Very oligotrophic [dystrophic?], stained water with not much growing in it. Surrounding woods of hardwoods & Abies, mostly, or black spruce. Watershed extends pretty far from "shore", but probably just has to do with depth of water; it's not "nearshore only" though.
Schneider Lake	36	Gogebic	9/9/2014	Mesotrophic lake in fairly hilly area of northern hardwood forest. Bottom is gravelly to rocky. Shoreline is mostly emergent marsh with some boggy areas (35%).
Scout Lake	24	Gogebic	7/30/2014	Small lake with sandy/gravelly bottom. Almost all vegetation is submerged or exposed near shoreline, with some emergent marsh-type areas. No floating-leaves plants. Oligotrophic.
Steusser Lake	36	Ontonagon	9/8/2014	Mesotrophic lake surrounded by part-private land, part-campground. Forest around it is mixed conifer/hardwood. Open water mostly grades into emergent marsh or floating bog. No sandy shoreline. Floating plants comparatively common.
Summit Lake	48	Gogebic	7/29/2014	Lake is at the bottom of somewhat steep slope on south. Surrounding habitat is mostly conifer woods. Lakeshore habitat is ~70% bog. Not much opportunity to survey shoreline vegetation. Lake is oligotrophic, with not much growing in stained water.
Tepee Lake	123	Iron	9/8/2014	Clear to slightly stained lake with very little aquatic growth apart from boggy/marshy shoreline plants, and abundant Isoetes. Surrounding woods are mixed conifer/hardwoods.

