Lake Fact Sheet – Parry Sound District

Barnes Lake

Location

Official Name:	Barnes Lake	*Local Names:*	Big Long Lake
County/District:	Muskoka	*Geographic Twp:*	Cardwell
Municipality:	Township of Muskoka Lakes	*MNR Admin. Area:*	Bracebridge
Lat./Long:	45.253 N 79.513 W	*UTM (NAD83):*	17 616655 5012138
Topographic Map (1:50,000):	31E05	*Drainage Basin:*	Skeleton River

Physical Features

Surface Area (ha):	67	*Maximum Depth (m):*	7	*Mean Depth (m):*	2
Elevation (m asl):	312	*Perimeter (km):*	9	*Island Shoreline (km):*	1.3
Volume (10^4 $m^{3:}$):	135	*Watershed (km^2):* (excludes area of lake)	2.6	*Water Clarity (m):*	3.6

Land Use and Development

Crown Land (%):	95	*Provincial Parks:*	none

Shoreline Development: very low; recreation camp

Access: unknown; may be accessible by a trail from Fish Hatchery Road, but beginning of trail may be on private land

Water Level Management: not regulated

Fish Species

Major Fish Species: largemouth Bass (I 2017), smallmouth bass (?), yellow perch

Other Fish Species:

Other Species:

Notes: E: extirpated, I: introduced – intentional or accidental, O: occasional, R: remnant, S: currently stocked, ?: status uncertain, 2009: year of first record or introduction if known, blank: presumed native

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Fisheries Management

Fisheries Management Zone: 15

Designation for Lake Trout Management: ..... not designated

Fishing Regulation Exceptions ..... no lake-specific exceptions

Current Stocking: ..... none

Historic Stocking (last year stocked): ..... smallmouth bass (1950)

Contaminants (species tested): ..... no testing done

Assessment: Completed Projects:

1985 lake survey

Synopsis

Barnes Lake was originally surveyed in 1985. Only two fish species were documented, yellow perch, of which a large number were caught in gillnets, and smallmouth bass, reported by local anglers. Smallmouth bass were stocked in 1950, and presumably a reproducing population had become established.

In 2018, an angler provided documentation of largemouth bass and reported having never caught a smallmouth bass. The largemouth bass were probably illegally introduced, apparently after the 1985 survey. The angler report leaves the status of smallmouth bass somewhat uncertain; though it is possible they continue to occur at a low density.

Updated: 2018

Refer to Lake Fact Background Information document for explanation of content.

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