

Bode Lake – North Population Survey



Located in Hoffman Estates on the north side of Bode Rd. 1 mile west of Barrington Rd. Bode Lake North is a 6 acre lake with a maximum depth of 13.4 feet at the north end; the larger and deeper Bode Lake South is 10 acres with a depth of 20.7 feet. Northern pike, largemouth bass and channel catfish are the top predators in these lakes. Bluegill, green sunfish, bullheads, crappie and common carp can also be found here. Ice fishing is permitted on the south lake; however, due to inflow from Poplar Creek **no ice fishing is permitted on the north lake.**

Fish Population Survey

Fish population surveys are periodically conducted on Forest Preserves lakes in order to assess the health of the lake and the fish population in it. Surveys last anywhere from a few hours to a few days depending on the size of the lake.

Fish are collected during surveys to assess the health of the population. Several methods are used to collect fish, these include experimental gill nets, Fyke or trap nets and the use of an electro-fishing boat. All fish collected are measured, weighed and a scale sample is collected when applicable. These scale samples are used to age the fish. All fish are then returned to the lake when possible.

Water samples are collected and analyzed for each survey. The information collected over the years will show trends to the lakes health. If any unusual readings are found, further tests may be done or the Illinois DNR and EPA may be asked to investigate.

The information listed below was collected during the most recent survey. It is only a snapshot in time. Many factors such as temperature, wind, rain and even moon light can affect the species and number of fish that are collected. The Forest Preserves' Fisheries Section looks at data from many years when assessing a lake's fish population and assumptions from just one year of data therefore should not be made.

The dates of the survey along with the type of equipment used and the length of time it was fished is listed below. The "Total Population" tables & charts show all species collected and includes not only game fish but also forage fish. A healthy balanced population of forage fish and predatory (game) fish is needed in order to support a healthy overall fish population. Ideally, 30 to 40% of a lakes total fish population should be made up of forage fish in order to support a healthy predatory fish population. The species of forage fish varies from lake to lake, gizzard shad may be the main forage fish in one lake, while bluegill/sunfish may be the main forage fish in another

Individual species tables are included only for the game fish that were collected. Game fish are those fish most sought after by anglers.

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Date of survey: July 31 – August 1, 2017

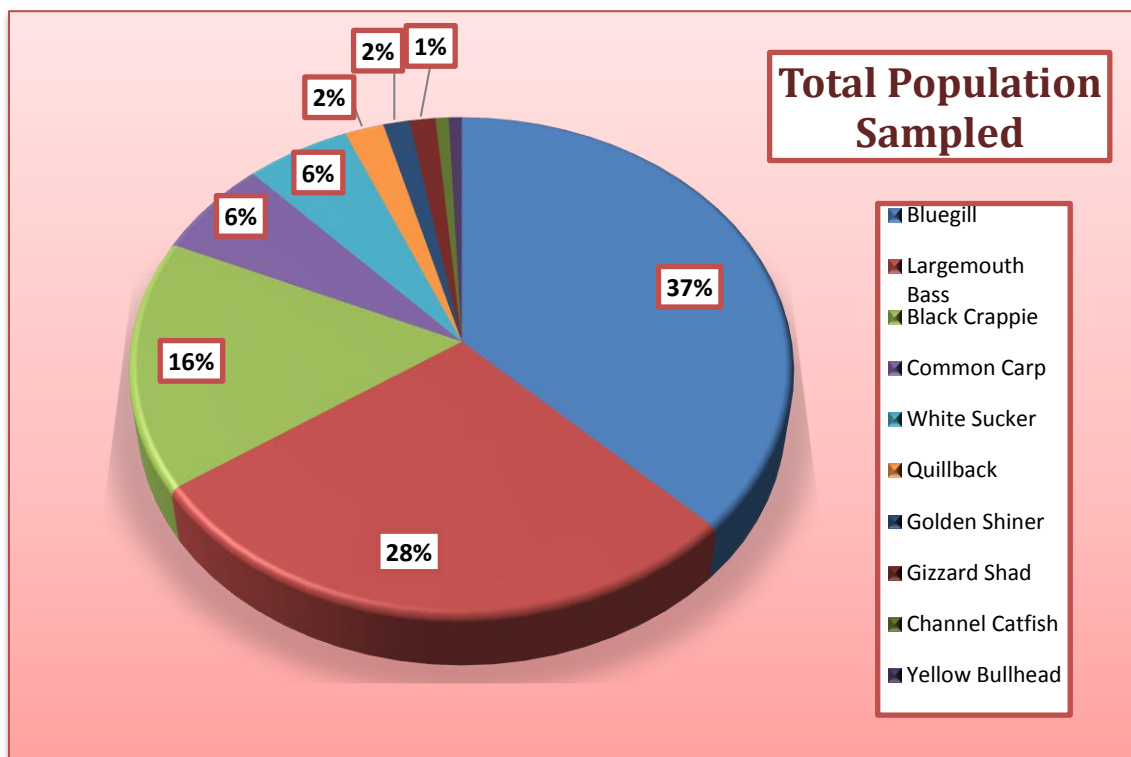
Electro-fishing time: 45 minutes

3 Fyke nets fished: 24 hours

0 feet of Gill net fished: 0 hours

Total Population

Species	Number	Percent
Bluegill	53	37.32%
Largemouth Bass	40	28.17%
Black Crappie	23	16.20%
Common Carp	9	6.34%
White Sucker	8	5.63%
Quillback	3	2.11%
Golden Shiner	2	1.41%
Gizzard Shad	2	1.41%
Channel Catfish	1	0.70%
Yellow Bullhead	1	0.70%
Total	142	99.99%



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Bluegill

½ Inch Group	Number Collected	% of Population	Average Weight lbs	Age
2.0	3	5.66%	0.008	0+
2.5	6	11.32%	0.01	1+
3.0	10	18.87%	0.02	1+
3.5	4	7.55%	0.04	2+
4.0	6	11.32%	0.05	2+
4.5	8	15.09%	0.08	3+
5.0	10	18.87%	0.11	3 – 4+
5.5	2	3.77%	0.11	3 – 4+
6.0	4	7.55%	0.18	4+
Total	53	100.00%		

Largemouth Bass

½ Inch Group	Number Collected	% of Population	Average Weight lbs	Age
1.5	1	2.50%	-	0+
2.0	2	5.00%	0.002	0+
2.5	4	10.00%	0.008	1+
3.0	1	24.00%	0.01	1+
-	-	-	-	-
6.5	1	2.50%	0.12	2+
7.0	1	2.50%	0.23	2+
-	-	-	-	-
8.5	1	2.50%	0.33	3+
9.0	2	5.00%	0.36	3+
9.5	2	5.00%	0.49	3+
10.0	2	5.00%	0.64	3+
-	-	-	-	-
11.0	2	5.00%	0.79	3+
11.5	1	2.50%	0.97	3+
12.0	1	2.50%	0.93	3+
-	-	-	-	-
13.0	1	2.50%	1.23	4+
-	-	-	-	-
14.0	4	10.00%	1.78	4+
14.5	5	12.50%	1.89	4+
15.0	3	7.50%	1.94	5+
15.5	3	7.50%	2.26	5+
-	-	-	-	-
16.5	1	2.50%	2.64	5+
17.0	1	2.50%	2.45	6+
-	-	-	-	-
18.0	1	2.50%	3.00	6+
Total	40	100.00%		

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Black Crappie

½ Inch Group	Number Collected	% of Population	Average Weight lbs	Age
3.5	1	4.35%	0.04	1+
4.0	1	4.35%	0.03	1+
4.5	5	21.74%	0.05	1+
5.0	8	34.78%	0.6	1+
-	-	-	-	-
7.0	5	21.74%	0.19	2 – 3+
7.5	1	4.35%	0.22	3+
-	-	-	-	-
9.0	2	8.69%	0.41	4+
Total	23	100.00%		

Common Carp

½ Inch Group	Number Collected	% of Population	Average Weight lbs	Age
12.5	1	11.11%	1.08	1+
-	-	-	-	-
16.0	2	22.22%	2.00	3+
-	-	-	-	-
17.5	1	11.11%	2.71	3+
-	-	-	-	-
19.0	1	11.11%	3.42	4+
-	-	-	-	-
21.0	2	22.22%	4.12	5+
-	-	-	-	-
23.0	1	11.11%	6.47	5+
-	-	-	-	-
25.0	1	11.11%	7.00	6+
Total	9	99.99%		

Other Species collected

Species	Number	Length	Weight	Age
Yellow Bass	1	7.0	0.15	2+
Channel Catfish	1	9.0	0.19	NA
Yellow Bullhead	1	10.5	0.70	NA