

Lake Lemon 2021 General Fish Survey

Lake Information: 1,443 acres; 26.7 feet max depth

Located: Bloomington, IN; Monroe County; **GPS Coordinates:** N39.25715; W -86.39089

Lake Map: [Contour map](#)

Ownership: Lake Lemon Conservancy District; **Access:** Public access ramp; **Fees:** Yes

Special Restrictions: None; **Outboard Motor Restrictions:** None

Best Fishing: Crappie, Largemouth Bass, Bluegill, Redear Sunfish, and Channel Catfish.

Thermocline: 24 feet on May 10, 2021.

DNR Contact Information: David Kittaka, Fisheries Biologist. D5Fish@dnr.IN.gov

Fish Survey Dates: May 10 to May 12, 2021

Aquatic Vegetation: Vegetation was sparse. Eurasian Watermilfoil, Coontail, Small Pondweed, and Slender Naiad were collected.

Comments: Bluegill, Crappie, Largemouth Bass, Redear Sunfish and Channel Catfish are the most common game fish. The Largemouth Bass density is moderate with an above average number of bass greater than 18 inches when compared to other Indiana impoundments. While both Black and White Crappie are present, White Crappie were collected at greater numbers with many over 8 inches. The Bluegill and Redear Sunfish population is moderate density with several Redear being over 8 inches. Lastly, the Channel Catfish population is high density with many quality sized fish.

Fish Species Composition

Species	Number	Percent	Min	Max
Bluegill	368	30.0	1.8	7.6
Yellow Bass	214	17.4	6.3	9.4
Gizzard Shad	116	9.4	5.2	13.6
Largemouth Bass	99	8.1	4.1	19.6
Redear Sunfish	59	4.8	5.4	10.1
White Crappie	59	4.8	6.3	12.5
Longear Sunfish	51	4.2	2.2	6.3
Yellow Perch	48	3.9	6.4	10.1
Green Sunfish	46	3.7	2.0	7.9
Black Crappie	44	3.6	6.2	11.2
Spotted Sucker	34	2.8	6.2	16.9
Channel Catfish	33	2.7	7.3	30.1
Golden Redhorse	16	1.3	8.7	14.8
Warmouth	11	0.9	2.6	7.2
Common Carp	10	0.8	21.4	29.6
Brook Silverside	7	0.6	3.0	4.4
Flathead Catfish	4	0.3	13.3	18.3
Golden Shiner	3	0.2	6.9	7.8
Bowfin	1	0.1	26.8	26.8
Chestnut Lamprey	1	0.1	-	-
Hybrid Sunfish	1	0.1	5.8	5.8
Logperch	1	0.1	3.7	3.7
Rock Bass	1	0.1	6.6	6.6
White Sucker	1	0.1	16.2	16.2

Catch Rates (by inch class)

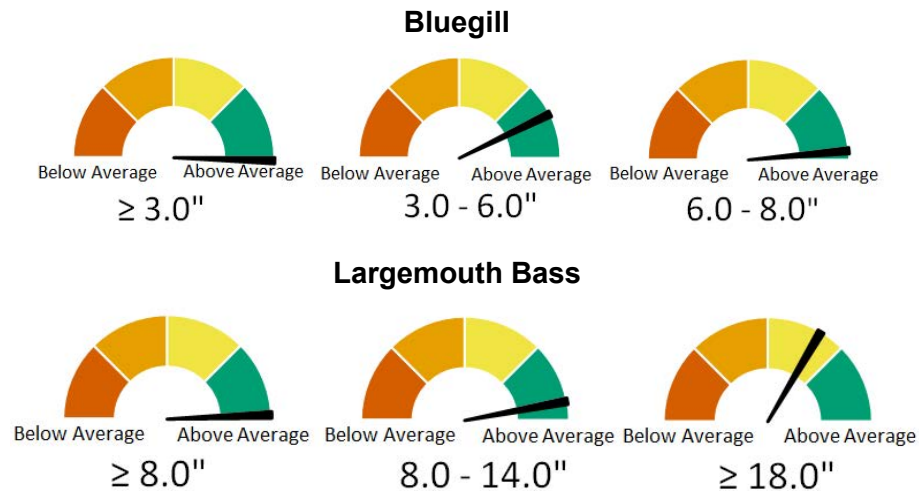


Figure 1. Bluegill and Largemouth Bass catch rates when compared to impoundments statewide.

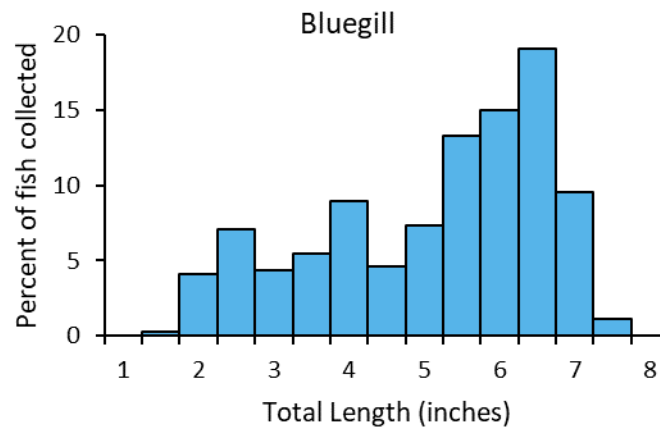


Figure 2. Bluegill length frequency.

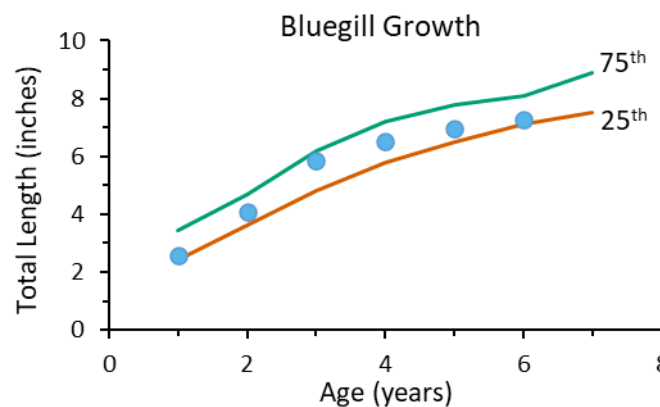


Figure 3. Bluegill average length at age compared to the 25th and 75th growth percentiles. Any age between the 25th and 75th percentiles is considered average growth while any above or below them is considered great or poor growth.

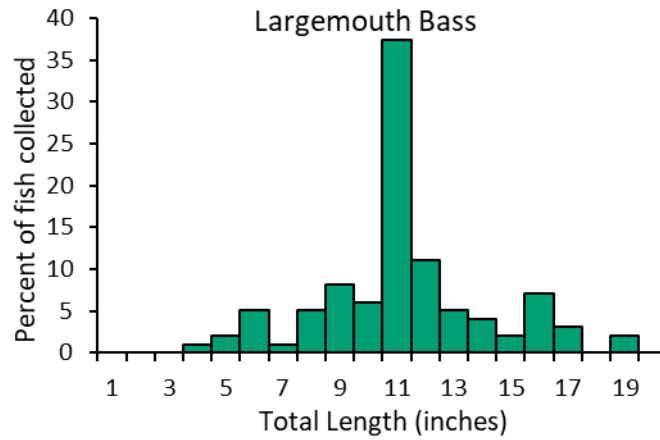


Figure 4. Largemouth Bass length frequency.



Figure 5. Largemouth Bass average length at age compared to the 25th and 75th growth percentiles. Any age between the 25th and 75th percentiles is considered average growth while any above or below them is considered great or poor growth.

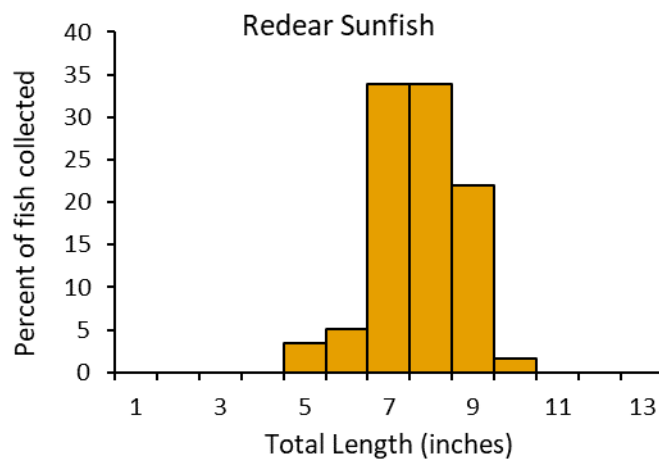


Figure 6. Redear length frequency.

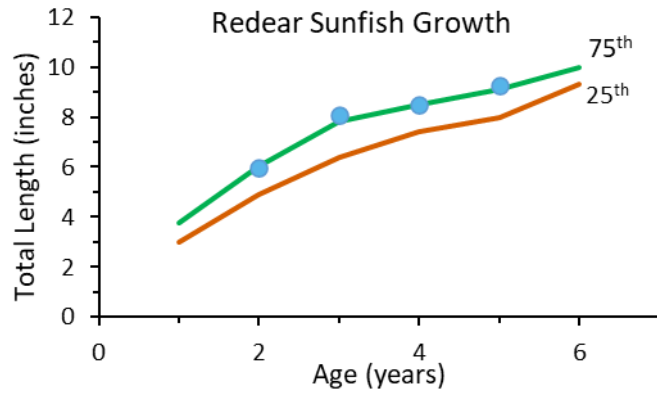


Figure 7. Redear Sunfish average length at age compared to the 25th and 75th growth percentiles. Any age between the 25th and 75th percentiles is considered average growth while any above or below them is considered great or poor growth.

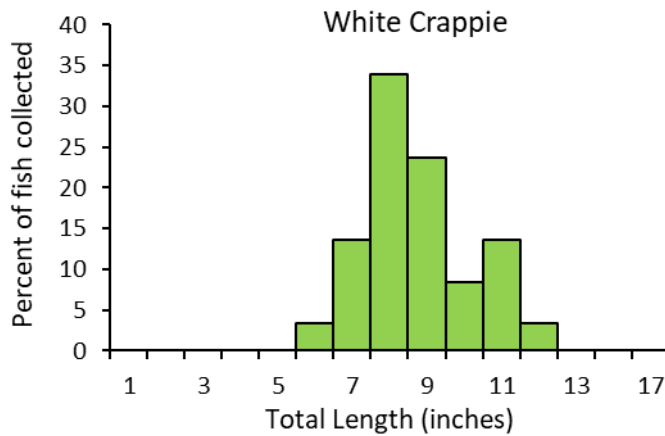


Figure 8. White Crappie length frequency.

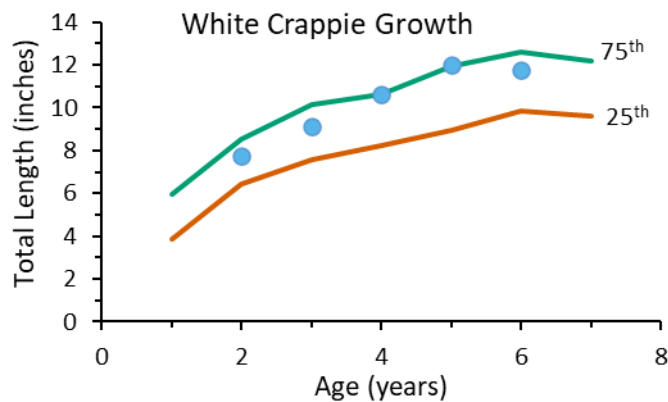


Figure 9. White Crappie average length at age compared to the 25th and 75th growth percentiles. Any age between the 25th and 75th percentiles is considered average growth while any above or below them is considered great or poor growth.