



WISCONSIN DEPARTMENT OF NATURAL RESOURCES

Fisheries Information Sheet

LAKE: Echo Lake

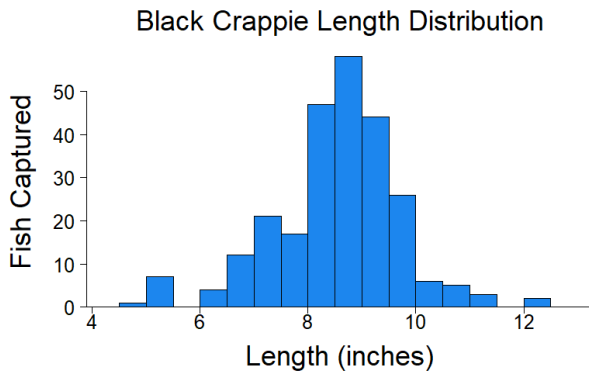
COUNTY: Iron

YEAR: 2023

Introduction

Echo Lake is a 220-acre drainage lake with stained water and a maximum depth of 25 feet. In 2023, the Wisconsin Department of Natural Resources conducted an early spring fyke-netting and early spring electrofishing surveys to complete a walleye population estimate, a late spring fyke-netting survey to assess the muskellunge population and a late spring electrofishing survey to assess bass and panfish populations.

BLACK CRAPPIE

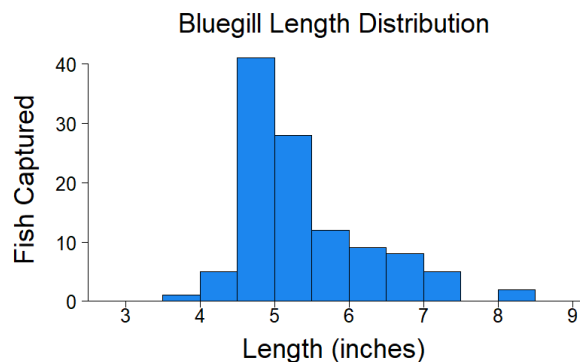


During the targeted, late spring fyke-netting survey, crews captured a total of 729 black crappies at a high rate of 21.9 per net-night. Black crappies ranged in length from 4.9 – 12.3 inches and averaged 8.5 inches. These results suggest that black crappies are currently at high densities, and the population exhibits a balanced size structure.

BLUEGILL



During the targeted, late spring electrofishing survey, crews sampled a total of 329 bluegills at a high rate of 111.0 per mile. Bluegills ranged in length from 3.5 – 8.1 inches and averaged 5.3 inches. These results suggest that

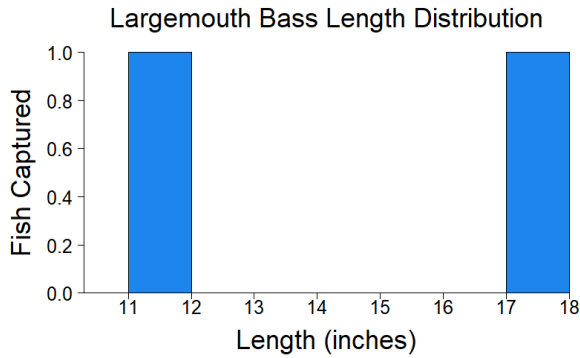


bluegills are currently at high densities, but most individuals are relatively small.

LARGEMOUTH BASS



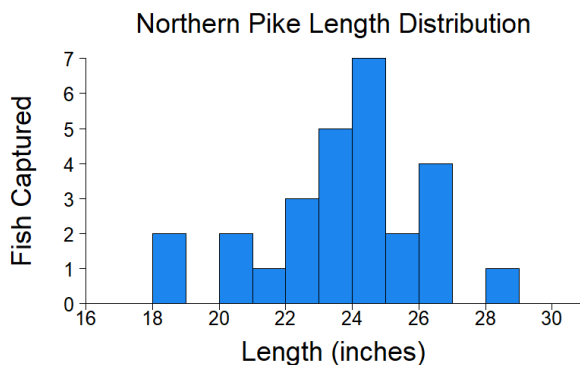
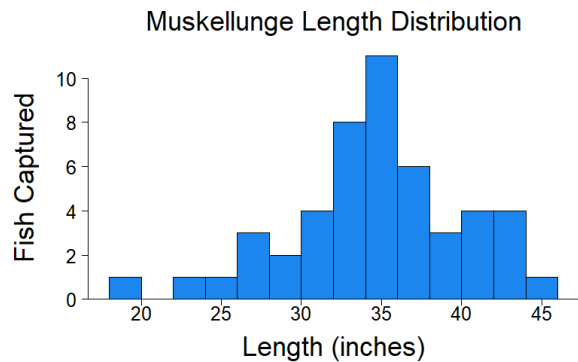
During the targeted, late spring electrofishing survey, crews sampled a total of two largemouth bass at a low rate of 0.6 per mile. Largemouth bass ranged in length from 11.2 – 17.0 inches and averaged 14.1 inches. These data suggest that largemouth bass are currently present in low densities.



MUSKELLUNGE



During the targeted, late spring fyke-netting survey, crews surveyed a total of 31 muskellunge at a high rate of 1.9 per net-night. Adult muskellunge from all spring surveys ranged in length from 18.7 – 45.4 inches and averaged 34.7 inches. These results suggest that muskellunge are currently at high densities, and the population exhibits a balanced size structure.



NORTHERN PIKE



During the early spring fyke-netting survey, crews sampled a total of 16 northern pike at a low rate of 0.62 per net-night. Adult northern pike from all

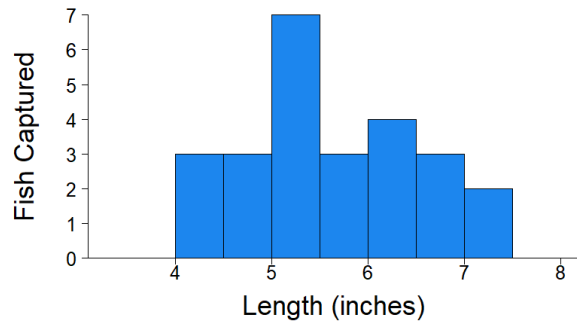
spring surveys ranged in length from 18.0 – 28.9 inches and averaged 23.7 inches. These results suggest that northern pike are currently at low densities, but the population exhibits a quality size structure.

PUMPKINSEED

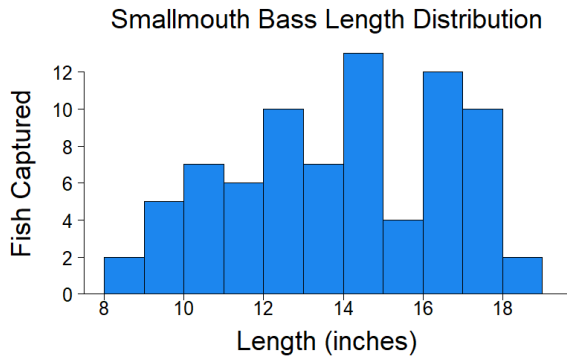


During a targeted, late spring electrofishing survey, crews sampled a total of 25 pumpkinseeds at a moderate rate of 25.0 per mile. Pumpkinseeds ranged in length from 4.1 - 7.2 inches and averaged 5.6 inches. These results suggest that pumpkinseeds are currently at moderate densities, and the population exhibits a balanced size structure.

Pumpkinseed Length Distribution



SMALLMOUTH BASS

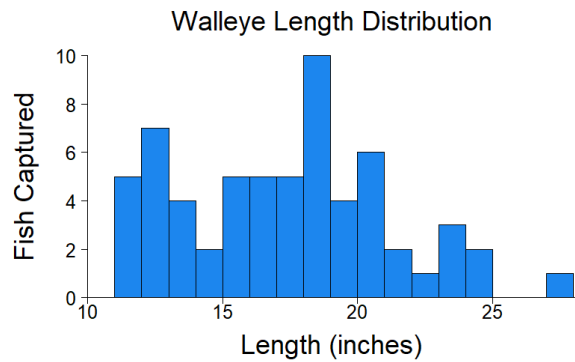


During the spring population estimate, crews handled 78 adult smallmouth bass that ranged in length from 8.5 – 18.6 inches and averaged 13.2 inches. The population was estimated to have 480 individuals or 2.2 fish per acre. These results suggest that smallmouth bass are currently present in low densities but exhibit a balanced size structure with some quality individuals available.

WALLEYE



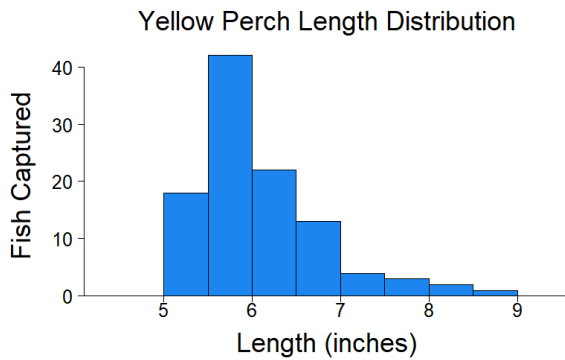
During the spring walleye population estimate, crews captured a total of 62 adult walleyes that ranged in length from 11.0 - 27.2 inches and averaged 17.3 inches. The population was estimated to have 177 individuals or 0.8 fish per acre. These results suggest that adult walleyes are currently present in low densities, but the population exhibits a balanced size structure.



YELLOW PERCH



During the targeted, early spring fyke-netting survey, crews captured a total of 324 yellow perch at a moderate rate of 17.6 per net-night. Yellow perch ranged in length from 5.1 - 8.6 inches and averaged 6.0 inches.



OTHER SPECIES

Throughout spring surveys, crews also sampled black bullheads, yellow bullheads, brown bullheads, golden shiners, rock bass, shorthead redhorses, greater redhorses, logperch and a northern pike x muskellunge hybrid.

Acknowledgements

For more questions about fisheries management activities on Echo Lake, contact:

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