



WISCONSIN DEPARTMENT OF NATURAL RESOURCES

Fisheries Information Sheet

LAKE: LAKE: MOQUAH

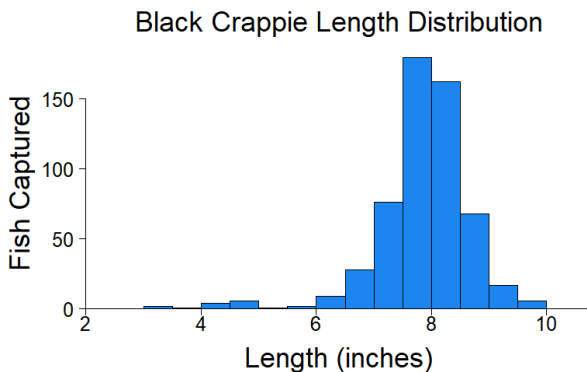
COUNTY: ASHLAND

YEAR: 2024

Introduction

Moquah Lake is a 50-acre drainage lake with stained water and a maximum depth of 8 feet. In 2024, the Wisconsin Department of Natural Resources and United States Forest Service 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

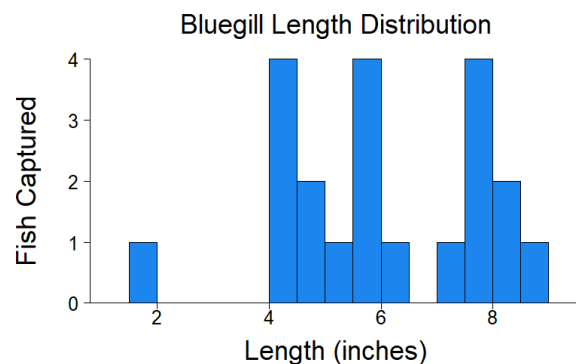


During the targeted, late spring electrofishing survey, crews sampled black crappies at a moderate rate of 22.0 per mile. Black crappies captured throughout spring surveys ranged in length from 3.0 – 9.8 inches and averaged 7.7 inches. These results suggest that black crappies are currently at moderate densities, but most individuals are relatively small.

BLUEGILL

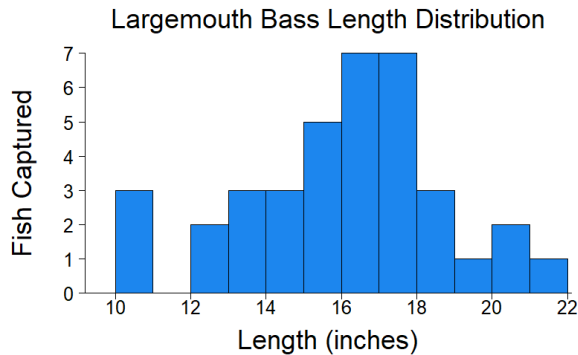


During the targeted, late spring electrofishing survey, crews sampled bluegills at a low rate of 10.0 per mile. Bluegills sampled throughout spring surveys ranged in length from 1.9 - 8.6 inches and averaged 5.9 inches. These



results suggest that bluegills are currently at low densities, but the population exhibits a balanced size structure.

LARGEMOUTH BASS

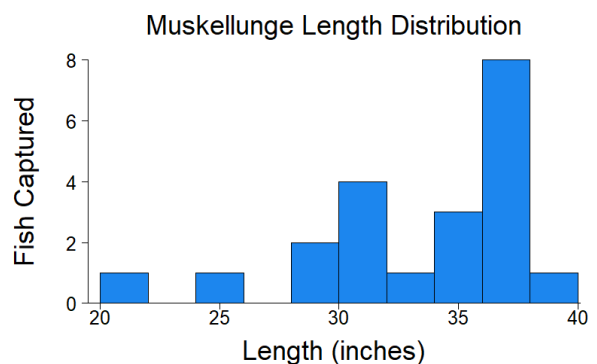


During the targeted, late spring electrofishing survey, crews sampled largemouth bass at a low rate of 1.8 per mile. Largemouth bass sampled throughout spring surveys ranged in length from 10.4 – 21.2 inches and averaged 16.0 inches. These data suggest that largemouth bass are currently at low densities, and the population exhibits a quality size structure.

MUSKELLUNGE



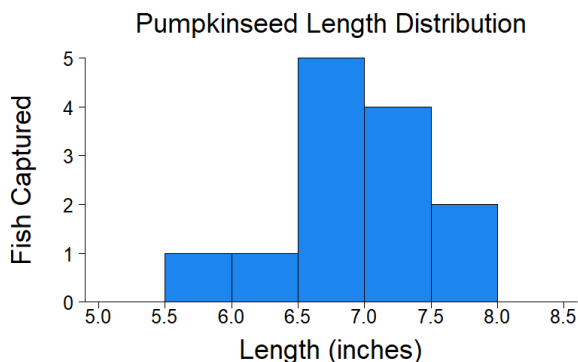
During the targeted, early spring fyke-netting survey, crews captured a total of 33 adult muskellunge at a moderate rate of 0.3 per net-night. Muskellunge ranged in length from 21.5 – 38.1 inches and averaged 33.3 inches. These results suggest that muskellunge are currently present in moderate densities, but most individuals are relatively small.



PUMPKINSEED



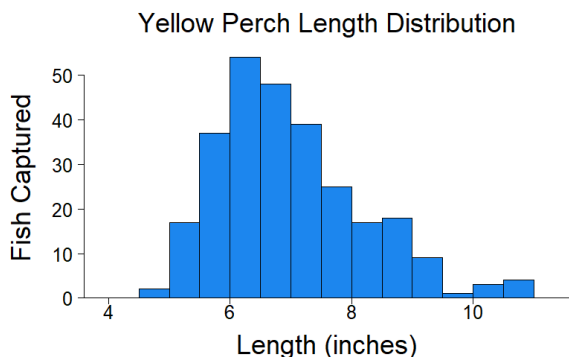
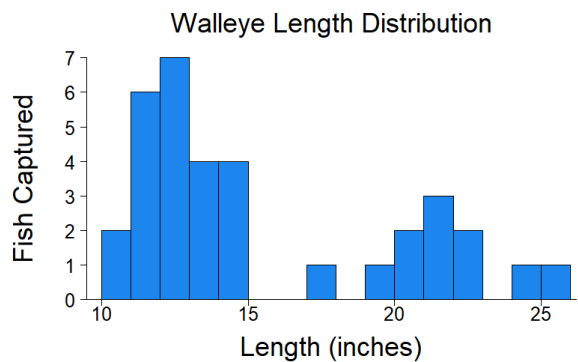
During a targeted, late spring electrofishing survey, crews sampled pumpkinseeds at a low rate of 26.0 per mile. Pumpkinseeds from all spring surveys ranged in length from 5.9 – 7.6 inches and averaged 6.9 inches. These results suggest that pumpkinseeds are currently at low densities, but the population exhibits a balanced size structure.



WALLEYE



During the spring walleye population estimate, we captured a total of 34 adult walleyes ranging in length from 10.5 inches - 25.3 inches and averaging 15.5 inches. The population was estimated to have 55 individuals or 1.1 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 yellow perch at a moderate rate of 10.6 per net-night. Yellow perch from all spring surveys ranged in length from 4.6 – 10.6

inches and averaged 6.9 inches. These results suggest that yellow perch are currently present in moderate densities and the population exhibits a balanced size structure with some quality individuals available.

OTHER SPECIES

Throughout spring surveys, crews also sampled brown bullheads, golden shiners and white suckers.

Acknowledgements

For answers to questions about fisheries management activities on Moquah Lake, contact:

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