



WISCONSIN DEPARTMENT OF NATURAL RESOURCES

Fisheries Information Sheet

LAKE: Lyman Lake

COUNTY: Douglas

YEAR: 2024

Introduction

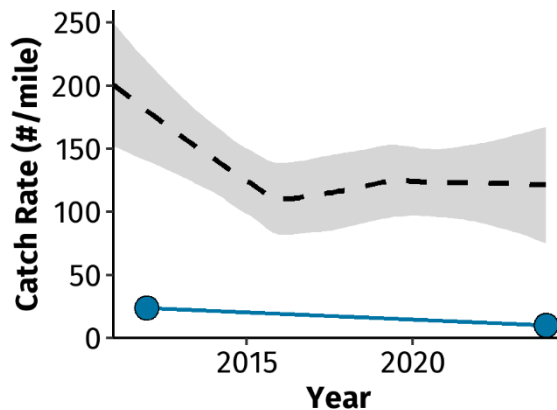
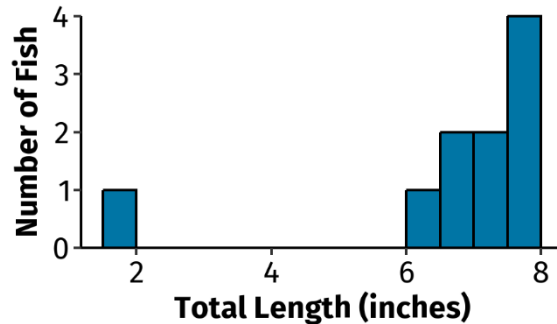
A late spring electrofishing (SE2) survey was conducted on Lyman Lake (WBIC 2856400) in Douglas County on May 29th, 2024. All species were collected along one mile of shoreline and gamefish were collected along an additional three miles of shoreline. Although SE2 surveys primarily target bass and panfish, species observed in the 2024 survey included walleye, muskellunge, northern pike, bluegill, black crappie, pumpkinseed and yellow perch.

BLUEGILL



There were ten bluegills captured and length ranged from 1.8-8.0 inches. Bluegill catch rate (blue dots) was much lower than average for complex-cool-clear lakes in Wisconsin (dashed line; 95% confidence interval shaded). Since the 2012 survey, the bluegill catch rate decreased but size structure remained similar.

Year	2012	2024
# Captured Per Mile	24	10
Quality Size ($\geq 6''$)	85%	90%
Preferred Size ($\geq 8''$)	19%	10%

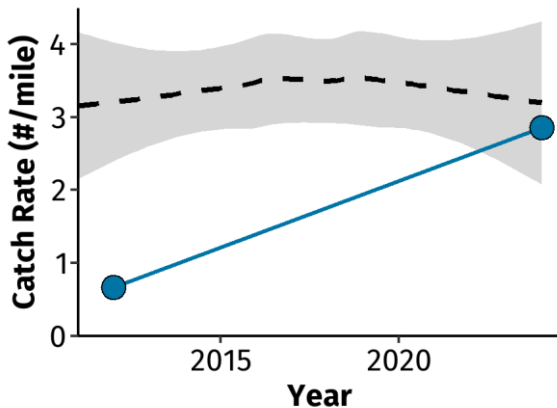
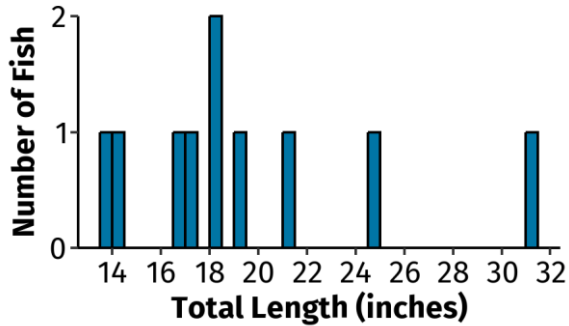
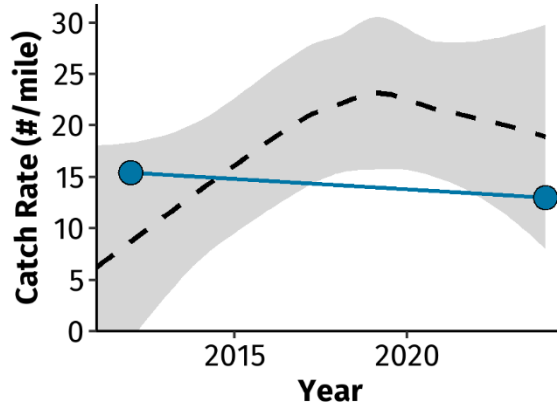
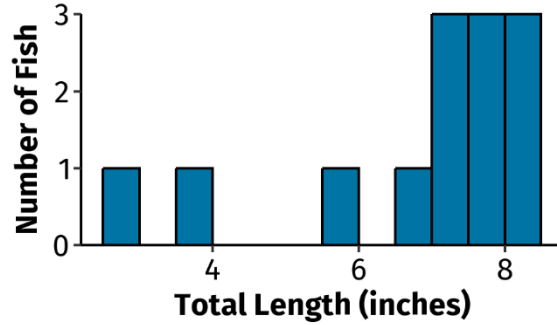


BLACK CRAPPIE



There were 13 black crappies captured and length ranged from 2.8-8.2 inches. Black crappie catch rate (blue dots) was slightly below average for complex-cool-clear lakes in Wisconsin (dashed line; 95% confidence interval shaded). Since the 2012 survey, the black crappie catch rate and size structure decreased slightly.

Year	2012	2024
# Captured Per Mile	15	13
Quality Size ($\geq 8''$)	29%	23%
Preferred Size ($\geq 10''$)	12%	0%

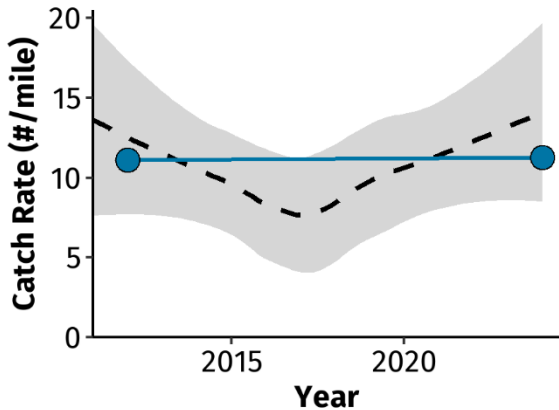
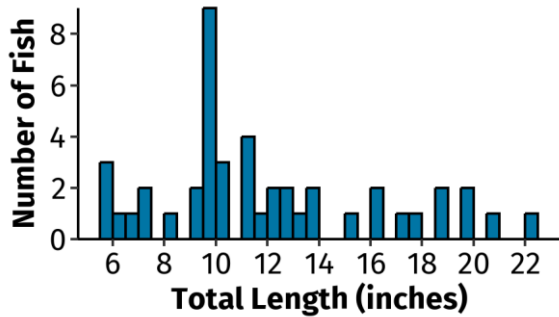


NORTHERN PIKE



There were 10 northern pike captured and length ranged from 13.5 to 31.1 inches. Northern pike catch rate (blue dots) was near the average for complex-cool-clear lakes in Wisconsin (dashed line; 95% confidence interval shaded). Since the 2012 survey, the northern pike catch rate and size structure increased.

Year	2012	2024
# Captured Per Mile	0.7	2.9
Quality Size ($\geq 21''$)	0%	30%
Preferred Size ($\geq 28''$)	0%	10%



WALLEYE



There were 45 walleyes captured and length ranged from 5.5-22.5 inches. Walleye catch rate (blue dots) was near the average for complex-cool-clear lakes in Wisconsin (dashed line; 95% confidence interval shaded). Since the 2012 survey, the walleye catch rate remained similar, but size structure improved.

Year	2012	2024
# Captured Per Mile	11	11
Quality Size ($\geq 15''$)	4%	24%
Preferred Size ($\geq 20''$)	0%	4%

OTHER SPECIES

There were seven yellow perch captured and length ranged from 2.6-8.0 inches. There were three pumpkinseeds captured and length ranged from 4.2-6.3 inches. One muskellunge was captured, and it was 12.3 inches.

Summary

Overall, the fisheries in Lyman Lake were diverse and healthy. Few bluegills were sampled, but size structure was good. Black crappies were moderately abundant but small. Northern pike are not native to Lyman Lake and were first detected in 2012. Since then, the northern pike catch rate has increased with a few larger individuals captured, although overall size structure remains low. A 12.3-inch muskellunge was captured, confirming natural reproduction of muskellunge, as no muskellunge have been stocked since 1997. Moderate catch rates and improved size structure of walleye was reassuring. Large fingerling walleye were stocked in 2013 and 2015, but the walleye observed included many small fish and indicated natural reproduction is occurring. A spring netting survey should be completed to better assess the muskellunge and walleye populations in Lyman Lake.

General fishing regulations for Lyman Lake in Douglas County, Wisconsin.

SPECIES	SEASON DATES	DAILY BAG LIMIT	SIZE LIMIT
Walleye	1 st Saturday in May to 1 st Sunday in March	3	No minimum, but only one over 14 inches
Muskellunge	Saturday nearest Memorial Day to Dec 31	1	40 inches
Northern Pike	1 st Saturday in May to 1 st Sunday in March	5	None
Panfish	Open all year	25	None

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

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