

SUMMARY OF FALL 2001 WALLEYE RECRUITMENT SURVEY

LAKE: OTTER	COUNTY: HOUGHTON
DATE OF SURVEY: 10/02/01 SAMPLING METHOD: BOOM SHOCKING	OBJECTIVE: ASSESS YEAR CLASS STRENGTH OF AGE 0 AND AGE 1 WALLEYE.

SAMPLING INFORMATION

TOTAL SHOCKING TIME (HRS): 2.2	MILES SURVEYED: 7.6
WATER TEMPERATURE (F): 62	SHORE MILES: 7.6
VOLTS: 354      AMPS: 4 PULSES/ SECOND: 120      WIDTH: 5	BOOM SHOCKER TYPE(S): GLIFWC DC WATER CLARITY (FEET): 4
NUMBER OF CREWS: 1	RELIABILITY: MODERATE

CATCH DATA

SPECIES	NUMBER CAUGHT	MIN. LENGTH	MAX. LENGTH	MEAN LENGTH	CATCH/EFFORT
WALLEYE: TOTAL	7	5.2	17.3	13.2	0.9 / MILE
WALLEYE: AGE 0	1	5.2	5.2	5.2	0.1 / MILE
WALLEYE: AGE 1	0				0.0 / MILE
MUSKELLUNGE	0				/ MILE
NORTHERN PIKE	0				/ MILE
LARGEMOUTH BASS	0				/ MILE
SMALLMOUTH BASS	0				/ MILE
YELLOW PERCH	0				
BLACK CRAPPIE	0				
BLUEGILL	0				
PUMPKINSEED	0				
ROCK BASS	0				

COMMENTS

Weather: Strong wind and rain reduced reliability to moderate. Large number of logs also hampered ability to stay close to the shoreline. Only walleye less than 15" were targeted, though few fish greater than this size were observed. Catostomids were abundant, mostly white suckers and red horse. Other commonly observed species were: northern pike, yellow perch, pumpkinseed sunfish, golden shiner, and bullhead species. Sturgeon were also observed.

COUNTY: HOUGHTON	LAKE: OTTER	DATE: 10/02/01	SHOCKING TIME (SEC): 7772	VOLTS: 354	AMPS: 4	PPS: 120	PW: 5
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SIZE IN INCHES	NUMBER OF WALLEYE	SIZE IN INCHES	NUMBER OF WALLEYE
<2.0		7.0	
2.0		7.1	
2.1		7.2	
2.2		7.3	
2.3		7.4	
2.4		7.5	
2.5		7.6	
2.6		7.7	
2.7		7.8	
2.8		7.9	
2.9		8.0	
3.0		8.1	
3.1		8.2	
3.2		8.3	
3.3		8.4	
3.4		8.5	
3.5		8.6	
3.6		8.7	
3.7		8.8	
3.8		8.9	
3.9		9.0	
4.0		9.1	
4.1		9.2	
4.2		9.3	
4.3		9.4	
4.4		9.5	
4.5		9.6	
4.6		9.7	
4.7		9.8	
4.8		9.9	
4.9		10.0	
5.0		10.1	
5.1		10.2	
5.2	1	10.3	
5.3		10.4	
5.4		10.5	
5.5		10.6	
5.6		10.7	
5.7		10.8	
5.8		10.9	
5.9		11.0	
6.0		11.1	
6.1		11.2	
6.2		11.3	
6.3		11.4	
6.4		11.5	
6.5		11.6	
6.6		11.7	
6.7		11.8	
6.8		11.9	
6.9			
TOTAL:	1	TOTAL:	0

COUNTY: HOUGHTON	LAKE: OTTER	DATE: 10/02/01	SHOCKING TIME (SEC): 7772
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SIZE IN INCHES	SPECIES											SIZE IN INCHES	SPECIES			
	WALLEYE	MUE	NOP	LMB	SMB	YEP	BCR	BLG	PKS	RKB	*		WAE	MUE	NOP	
<3.0													27.0-27.4			
3.0-3.4													27.5-27.9			
3.5-3.9													28.0-28.4			
4.0-4.4													28.5-28.9			
4.5-4.9													29.0-29.4			
5.0-5.4													29.5-29.9			
5.5-5.9													30.0-30.4			
6.0-6.4													30.5-30.9			
6.5-6.9													31.0-31.4			
7.0-7.4													31.5-31.9			
7.5-7.9													32.0-32.4			
8.0-8.4													32.5-32.9			
8.5-8.9													33.0-33.4			
9.0-9.4													33.5-33.9			
9.5-9.9													34.0-34.4			
10.0-10.4													34.5-34.9			
10.5-10.9													35.0-35.4			
11.0-11.4													35.5-35.9			
11.5-11.9													36.0-36.4			
12.0-12.4	1												36.5-36.9			
12.5-12.9													37.0-37.4			
13.0-13.4	1												37.5-37.9			
13.5-13.9													38.0-38.4			
14.0-14.4	1												38.5-38.9			
14.5-14.9	1												39.0-39.4			
15.0-15.4													39.5-39.9			
15.5-15.9	1												40.0-40.9			
16.0-16.4													41.0-41.9			
16.5-16.9													42.0-42.9			
17.0-17.4	1												43.0-43.9			
17.5-17.9													44.0-44.9			
18.0-18.4													45.0-45.9			
18.5-18.9													46.0-46.9			
19.0-19.4													47.0-47.9			
19.5-19.9													48.0-48.9			
20.0-20.4													49.0-49.9			
20.5-20.9													50.0-50.9			
21.0-21.4													51.0-51.9			
21.5-21.9													52.0-52.9			
22.0-22.4													53.0-53.9			
22.5-22.9													54.0-54.9			
23.0-23.4													55.0-55.9			
23.5-23.9													56.0-56.9			
24.0-24.4													57.0-57.9			
24.5-24.9													58.0-58.9			
25.0-25.4													59.0-59.9			
25.5-25.9													60.0+			
26.0-26.4																
26.5-26.9																
TOTAL:	6	0	0	0	0	0	0	0	0	0	0	0	TOTAL:	0	0	0

# Otter Lake - Houghton Co.

LAKE: OTTER L

COUNTY: HOUGHTON

DATE: 10/2/2001

MILES SURVEYED: 7.6

AGE0CPE: 0.1

AREA: 863

STANDARD SHOREMILES: 7.6

AGE1CPE: 0.0

