

**WISCONSIN DEPARTMENT OF NATURAL RESOURCES
CREEL SURVEY REPORT**

**Duck, Lynx, Otter, and Yellow Birch Lakes
(Eagle River Chain)**

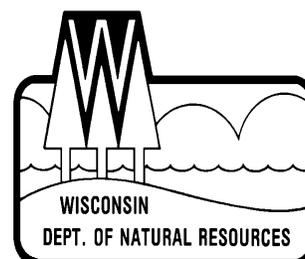
VILAS COUNTY

2013-14



Treaty Fisheries Publication

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CONTENTS

INTRODUCTION.....	1
GENERAL LAKE INFORMATION.....	2
Location	2
Physical Characteristics	2
Seasons Surveyed.....	2
Weather	2
Sportfishing Regulations.....	2
SPECIES CATCH AND HARVEST INFORMATION.....	2
CREEL SURVEY RESULTS AND DISCUSSION.....	3
Survey Logistics.....	3
General Angler Information.....	3
SPECIES INFORMATION	3
ACKNOWLEDGMENTS	4
 SUMMARY TABLES	
Table 1. Sportfishing effort summary.....	5
Table 2. Creel survey synopsis combined.....	6
Table 3. Creel survey synopsis Duck Lake.....	7
Table 4. Creel survey synopsis Lynx Lake	8
Table 5. Creel survey synopsis Otter Lake.....	9
Table 6. Creel survey synopsis Yellow Birch Lake	10
SPECIES CATCH AND HARVEST INFORMATION COMBINED	
Gamefish	
Figure 1. Walleye	11
Figure 2. Northern Pike.....	12
Figure 3. Muskellunge	13
Figure 4. Smallmouth Bass	14
Figure 5. Largemouth Bass	15
Panfish	
Figure 6. Yellow Perch	16
Figure 7. Bluegill	17
Figure 8. Pumpkinseed.....	18
Figure 9. Rock Bass	19
Figure 10. Black Crappie	20

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INTRODUCTION

Fish populations can fluctuate due to natural forces (weather, predation, competition), management actions (stocking, regulations, habitat improvement), inappropriate development (habitat degradation), and harvest impacts. Wisconsin Department of Natural Resources fisheries crews regularly conduct fishery surveys on area lakes and reservoirs to gather the information needed to monitor changes, identify concerns, evaluate past management actions, and to prescribe good fishery management strategies. Netting and electrofishing surveys are used to gather data on the status of fish populations and communities (species composition, population size, reproductive success, size/age distribution, and growth rates). But the other key component of the fishery that we often need to measure is the harvest.

On many lakes in the Ceded Territory of northern Wisconsin, harvest of fish is divided between sport anglers and the six Chippewa tribes who harvest fish under rights granted by federal treaties. The tribes harvest fish mostly using a highly efficient method, spearing, during a relatively short time period in the spring. Every fish in the spear harvest is counted – a complete “census” of the harvest.

We also measure the sport harvest to assess its impact on the fishery. But because it would be highly impractical and very costly to conduct a complete census of every angler who fishes on a lake, we conduct creel surveys.

A creel survey is an assessment tool used to sample the fishing activities of anglers on a body of water and make projections of harvest and other fishery parameters. Creel survey clerks work on randomly-selected days and shifts, forty hours per week during the open season for gamefish from the first Saturday in May through the first Sunday in

March, except during the month of November when fishing effort is low and ice conditions are often unsafe. The survey is run during daylight hours, and shift times change from month to month as day length changes.

Creel survey clerks travel their lakes using a boat or snowmobile to count numbers of anglers on a lake at predetermined times, and to interview anglers who have completed their fishing trip to collect data on what species they fished for, catch, harvest, lengths of fish harvested, marks (finclips or tags), and hours of fishing effort. Collecting completed-trip data provides the most accurate assessment of angling activities, and it avoids the need to disturb anglers while they are fishing.

A computer program is used to make projections of total catch and harvest of each species, catch and harvest rates, and total fishing effort, by month and for the year in total. Keep in mind that these are only projections based on the best information available, and not a complete accounting of effort, catch, and harvest. Accurate projections require that we sample a sufficient and representative portion of the angling activity on a lake. The accuracy of creel survey results, therefore, depends on good cooperation and truthful responses by anglers when a creel clerk interviews them.

You may have encountered a DNR creel survey clerk on a recent fishing trip. We appreciate your cooperation during an interview. The survey only takes a moment of your time and it gives the Department valuable information needed for management of the fishery.

This report provides projections of:

1. Overall fishing effort (pressure)
2. Fishing effort directed at each species
3. Catch and harvest rates
4. Numbers of fish caught and harvested

Also included are a physical description of Duck, Lynx, Otter, and Yellow Birch Lakes; discussion of results of the survey; and detailed summaries, by species of fishing effort, catch and harvest.

GENERAL LAKE INFORMATION



Duck, Lynx, Otter, and Yellow Birch Lakes (Eagle River Chain)

Location

Duck, Lynx, Otter, and Yellow Birch Lakes are part of the Eagle River Chain of Lakes, located in Vilas County near the Town of Eagle River.

Physical Characteristics

Duck, Lynx, Otter, and Yellow Birch Lakes are located on the far west end of the chain with a combined area of 503 acres and accounts for 14% of the total chain acreage. Littoral substrate consists primarily of sand, with lesser amounts of muck, and gravel. These lakes are soft water lakes with slightly acidic, slightly stained waters.

Seasons Surveyed

The period referred to in this report as the 2013-14 fishing season ran from May 4, 2013 through March 2, 2014. The open water creel survey ran from May 4 through October 31, 2013 and the ice fishing creel survey ran from December 1, 2013 through March 2, 2014.

Weather

Ice-out on Duck, Lynx, Otter, and Yellow Birch Lakes was around May 6, 2013. Fishable-ice formed on these lakes in late November.

Fishing Regulations

The following seasons, daily bag limits, and length limits were in place on Duck, Lynx, Otter, and Yellow Birch Lakes during the 2013-14 fishing season:

Species	Season	Bag Limit	Min. Size
Largemouth Bass & Smallmouth Bass	5/4-6/14	Catch & Release	
	6/15-3/2	1	14"
Musky	5/25-11/30	1	40"
Northern Pike	5/4-3/2	5	none
Walleye	5/4-3/2	3*	
	No Minimum, 14"-18" Protected Slot, 1>18" Chain Wide Daily Bag Limit of 3		
Panfish	year round	25	none
Rock Bass	year round	none	none

*Due to tribal harvest declarations, walleye bag limits were initially set at 2 on each of these lakes, and then revised to 3 on May 25th.

SPECIES CATCH AND HARVEST INFORMATION

Angling effort, catch, and harvest information is summarized for each species in Table 2 and Figures 1-10. Table 2 also includes a comparison of these statistics with the previous creel survey. Information presented about species whose fishing season extends beyond March 2 should be considered minimum estimates. Each species page has up to five graphs depicting the following:

- PROJECTED FISHING EFFORT**
Total calculated number of hours during each month that anglers spent fishing for a species.
- PROJECTED SPECIFIC CATCH AND HARVEST RATES**
Calculated number of hours it takes an angler to catch or harvest a fish of the indicated species. Only information from anglers who were specifically targeting that species is reported.

3. **PROJECTED CATCH AND HARVEST**
Calculated number of fish of the indicated species caught or harvested by all anglers, regardless of targeted species.
4. **LENGTH DISTRIBUTION OF HARVESTED FISH**
All fish of a species that were measured by the clerk during the entire creel survey season.
5. **LARGEST AND AVERAGE LENGTH OF HARVESTED FISH**
Monthly largest and average length of harvested fish of a species. Only those fish measured by the creel survey clerk are reported.

CREEL SURVEY RESULTS AND DISCUSSION

Survey Logistics

The creel survey went well. We encountered no unusual problems conducting the survey or calculating the projections contained in the report. This was the third time the department has conducted a creel survey on Duck, Lynx, Otter, and Yellow Birch Lakes. The last creel survey took place in 2000-01.

General Angler Information

Anglers spent 33,827 hours or 34.5 hours per acre fishing Duck, Lynx, Otter, and Yellow Birch Lakes during the 2013 season (Table 1). This is less than the Vilas County average of 35.2 hours per acre. June was the most heavily fished month (7.9 hours per acre). Fishing effort was lightest in February (0.2 hours per acre) for those months when the entire month was creeled. Deep snow and slush on the lakes made winter access difficult for anglers. Overall winter fishing effort may have been negatively impacted by the unusually cold weather of the 2013-14 winter.

RESULTS BY SPECIES

Walleye (Table 2, Figure 1)

Anglers spent 7,191 hours targeting walleyes combined for all four lakes. The greatest fishing effort for walleyes was in May (2,151 hours). February had the least amount of walleye fishing effort (36 hours).

Total catch of walleyes was 952 fish with a harvest of 302 fish. Highest catch (429 fish) occurred in May and harvest (93 fish) occurred in both June and October. Anglers fished 8.2 hours to catch and 12.2 hours to harvest a walleyes during 2013-14.

The mean length of harvested walleyes was 15.0 inches and the largest walleye measured was a 25.3inch fish caught on Yellow Birch Lake.

Northern Pike (Table 2, Figure 2)

Fishing effort directed at northern pike was 1,270 hours during the 2013-14 season. Northern pike fishing effort was greatest in May (317 hours).

Total catch of northern pike was 1,141 fish with a harvest of 157 fish.

The mean length of harvested northern pike was 25.0 inches and the largest northern pike measured was a 32.0 inch fish caught on Yellow Birch Lake.

Muskellunge (Table 2, Figure 3)

Muskellunge received the most fishing effort during the 2013-14 season. This is due to number of major musky tournaments throughout the musky season that are conducted on the chain. Anglers spent 17,465 hours targeting muskellunge during the 2013 season. Muskellunge fishing effort was greatest in August (4,706 hours).

Total catch of muskellunge was 912 fish. Highest catch (291 fish) occurred in July. Anglers fished 22.3 hours to catch a muskellunge during 2013-14.

Smallmouth Bass (Table 2, Figure 4)

Fishing effort targeted at smallmouth bass was 1,094 hours during the 2013-14 season. Smallmouth bass fishing effort was greatest in May (356 hours).

Total catch of smallmouth bass was 654 fish with no documented harvested. Highest catch (300 fish) occurred on Otter Lake Anglers fished 8.4 hours to catch a smallmouth bass during 2013-14.

Largemouth Bass (Table 2, Figure 5)

Fishing effort directed at largemouth bass was 1,675 hours during the 2013-14 season. Largemouth bass fishing effort was greatest in August (756 hours).

Total catch of largemouth bass was 665 fish with no documented harvest. Highest catch (365 fish) occurred on Yellow Birch Lake. Anglers fished 4.4 hours to catch a largemouth bass during 2013-14.

Panfish (Table 2, Figures 6-10)

Black crappies were the most sought after panfish species during the survey. Fishing effort directed at black crappies was 6,500 hours.

Anglers caught 8,567 black crappies and harvested 3,121 fish. The mean length of black crappies harvested was 9.3 inches, with the highest harvest occurring on Yellow Birch Lake.

Yellow perch were the second most sought after panfish species during the survey. Fishing effort directed at yellow perch was 5,531 hours.

Total catch of yellow perch was 15,914 fish with 2,438 harvested. The mean length of yellow perch harvested was 7.7 inches, with the highest harvest occurring on Yellow Birch Lake.

Bluegills were the third most sought after panfish species during the survey. Fishing effort directed at bluegills was 3,532 hours.

Total catch of bluegills was 6,794 fish with 1,289 harvested. The mean length of bluegills harvested was 6.6 inches, with the highest harvest occurring on Yellow Birch Lake.

Pumpkinseeds and rock bass were also caught during the 2013-14 season.

ACKNOWLEDGMENTS

Completion of this survey was possible because of the efforts of the following Fisheries Management and Treaty Fisheries staff: Jonathan Pyatskowitz, Jeff Blonski, Joelle Underwood, Marty Kiepke, Jason Halverson, Tim Tobias, Steve Gilbert, Dennis Scholl, and Madison fisheries staff including Joe Hennessy, Tom Cichosz, Jon Hansen, and Heidi Nelson. Tom Lima, Lynn Robinson, John Logan, Dean Johnson, Mike Rynski, Rich Cechal, John Davis, and Marty Kiepke were the creel clerks on the Eagle River Chain during the survey period.

We also thank all the anglers who took the time to offer information about their fishing trip to the survey clerk. Without their cooperation the survey would not have been possible.

The Department thanks all of the cooperators, Gail Ely, Bill Landwehr, Vern & Diane Kramer, James (Yukon Jack) & Joyce Mecikalski, Vince Wagner, Richard Matkin, Bill & Sandy Jacobs, Gerda & Dean Safer of Gypsy Villa Resort, Chris Hartman of Wild Eagle Lodge, Shari Buller & Joe Panci of Trees For Tomorrow, Boat Sport Marina, and Twelve Pines Resort, who generously allowed the Department to keep a boat and snowmobile on their property during this survey.

This creel report was reviewed by Dennis Scholl and Steve Gilbert of the Wisconsin Department of Natural Resources, Woodruff, Wisconsin.

Additional copies of this report and those covering other local lakes can be obtained from the Woodruff DNR or online at:

<http://dnr.wi.gov/topic/Fishing/north/trtycrclsrvys.html>

Table 1. Sportfishing effort summary, the Eagle River Chain (Duck, Lynx, Otter, and Yellow Birch Lake), 2013-14 season

Month	Total Angler Hours	Total Angler Hours/Acre	Vilas County Average Hours/Acre	Ceded Territory Average Hours/Acre
May	4611	4.7	5.4	5.1
June	7763	7.9	7.0	6.4
July	6133	6.3	7.5	6.9
August	7240	7.4	6.6	5.4
September	4545	4.6	4.3	3.3
October	2481	2.5	2.0	1.5
December	475	0.5	0.6	1.1
January	373	0.4	0.8	1.6
February	201	0.2	0.9	1.5
March	6	0.0	0.1	0.5
*Summer Total	32773	33.4	32.8	28.6
*Winter Total	1055	1.1	2.4	4.7
Grand Total	33827	34.5	35.2	33.3

*"Summer" is May-October; "Winter" is December-March

Total Angler Hours is the estimated total number of hours that anglers spent fishing on the Eagle River Chain (Duck, Lynx, Otter, and Yellow Birch Lake) during each month surveyed.

Total Angler Hours/Acre is the total angler hours divided by the area of the lake in acres. This is useful if you wish to compare effort on the Eagle River Chain (Duck, Lynx, Otter, and Yellow Birch Lake) to other lakes.

County Average Hours/Acre is the average angler effort in hours per acre for county lakes that have been surveyed since 1990. This value can be useful in comparisons as well.

Ceded Territory Average Hours/Acre is the average angler effort in hours per acre for inland lakes in the ceded territory that have been surveyed since 1990. This value can be used to compare Eagle River Chain (Duck, Lynx, Otter, and Yellow Birch Lake) to other lakes statewide.

Table 2. Comparison of creel survey synopses, Eagle Chain (Duck, Lynx, Otter, and Yellow Birch Lakes), 2013-14 and 2000-01 fishing seasons.

CREEL YEAR: 2013-14

SPECIES	DIRECTED EFFORT (Hours)	PERCENT OF TOTAL	TOTAL CATCH	SPECIFIC CATCH RATE (Hrs/Fish) *	TOTAL HARVEST	SPECIFIC HARVEST RATE (Hrs/Fish) **	MEAN LENGTH OF HARVESTED FISH
Walleye	7191	16.06%	952	8.2	302	12.2	15.0
Northern Pike	1270	2.84%	1141	6.7	157	20.2	25.0
Muskellunge	17465	39.01%	912	22.3	0		
Smallmouth Bass	1094	2.44%	654	8.4	0		
Largemouth Bass	1675	3.74%	665	4.4	0		
Yellow Perch	5531	12.36%	15914	0.6	2438	2.8	7.7
Bluegill	3532	7.89%	6794	0.8	1289	3.2	6.6
Pumpkinseed	293	0.65%	348	1.5	115	3.1	6.2
Rock Bass	216	0.48%	1122	0.9	24	12.2	7.6
Black Crappie	6500	14.52%	8567	0.8	3121	2.2	9.3

* A blank cell in this column indicates that no fish of a given species were caught by anglers who specifically targeted that species.

** A blank cell in this column indicates that no fish of a given species were harvested by anglers who specifically targeted that species.

CREEL YEAR: 2000-01*

SPECIES	DIRECTED EFFORT (Hours)	PERCENT OF TOTAL	TOTAL CATCH	SPECIFIC CATCH RATE (Hrs/Fish)	TOTAL HARVEST	SPECIFIC HARVEST RATE (Hrs/Fish)	MEAN LENGTH OF HARVESTED FISH
Walleye	8526	24.80%	2574	3.3	929	9.2	11.4
Northern Pike	818	2.38%	387	2.1	162	5.0	22.1
Muskellunge	11434	33.26%	727	15.7	0		#DIV/0!
Smallmouth Bass	2295	6.68%	497	4.6	29		16.6
Largemouth Bass	1910	5.56%	74		19		15.1
Yellow Perch	5846	17.01%	11663	0.5	3016	1.9	7.8
Bluegill	2349	6.83%	322	7.3	31		7.2
Pumpkinseed	0	0.00%	0		0		#DIV/0!
Rock Bass	137	0.40%	299	0.5	111	1.2	8.5
Black Crappie	1060	3.08%	100	10.6	100	10.6	9.9

*There was no winter creel conducted as part of this survey

Table 3. Comparison of creel survey synopses, Duck Lake, 2013-14 and 2000-01 fishing seasons.

CREEL YEAR: 2013-14

SPECIES	DIRECTED EFFORT (Hours)	PERCENT OF TOTAL	TOTAL CATCH	SPECIFIC CATCH RATE (Hrs/Fish) *	TOTAL HARVEST	SPECIFIC HARVEST RATE (Hrs/Fish) **	MEAN LENGTH OF HARVESTED FISH
Walleye	1646	17.91%	127	13.6	19	87.0	14.4
Northern Pike	153	1.67%	319	4.2	0		24.8
Muskellunge	5017	54.60%	199	25.3	0		
Smallmouth Bass	56	0.61%	43		0		
Largemouth Bass	131	1.43%	36		0		
Yellow Perch	665	7.24%	4098	0.6	756	1.3	7.0
Bluegill	554	6.03%	940	1.9	359	2.1	5.8
Pumpkinseed	0	0.00%	13		13		5.9
Rock Bass	0	0.00%	71		0		
Black Crappie	966	10.51%	2174	0.5	336	3.3	9.1

7

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** A blank cell in this column indicates that no fish of a given species were harvested by anglers who specifically targeted that species.

CREEL YEAR: 2000-01*

SPECIES	DIRECTED EFFORT (Hours)	PERCENT OF TOTAL	TOTAL CATCH	SPECIFIC CATCH RATE (Hrs/Fish)	TOTAL HARVEST	SPECIFIC HARVEST RATE (Hrs/Fish)	MEAN LENGTH OF HARVESTED FISH
Walleye	2481	26.44%	488	5.1	164	15.1	11.7
Northern Pike	372	3.96%	136	4.5	98	5.6	24.5
Muskellunge	2943	31.36%	146	22.8	0		
Smallmouth Bass	623	6.64%	60		0		
Largemouth Bass	592	6.31%	0		0		
Yellow Perch	1593	16.98%	4161	0.4	708	2.4	7.5
Bluegill	667	7.11%	0		0		
Pumpkinseed	0	0.00%	0		0		
Rock Bass	0	0.00%	44		28		7.1
Black Crappie	113	1.20%	51	2.2	51	2.2	7.4

*There was no winter creel conducted as part of this survey

Table 4. Comparison of creel survey synopses, Lynx Lake, 2013-14 and 2000-01 fishing seasons.

CREEL YEAR: 2013-14

SPECIES	DIRECTED EFFORT (Hours)	PERCENT OF TOTAL	TOTAL CATCH	SPECIFIC CATCH RATE (Hrs/Fish) *	TOTAL HARVEST	SPECIFIC HARVEST RATE (Hrs/Fish) **	MEAN LENGTH OF HARVESTED FISH
Walleye	553	9.63%	283	2.0	11	50.0	13.5
Northern Pike	66	1.15%	166	1.4	0		
Muskellunge	2377	41.38%	114	20.9	0		
Smallmouth Bass	87	1.51%	14		0		
Largemouth Bass	294	5.12%	92	6.0	0		
Yellow Perch	908	15.81%	915	2.2	42	41.0	7.3
Bluegill	744	12.95%	832	1.0	153	4.9	6.7
Pumpkinseed	75	1.31%	38	2.0	0		
Rock Bass	0	0.00%	49		0		
Black Crappie	641	11.16%	254	2.5	94	6.9	8.6

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** A blank cell in this column indicates that no fish of a given species were harvested by anglers who specifically targeted that species.

CREEL YEAR: 2000-01*

SPECIES	DIRECTED EFFORT (Hours)	PERCENT OF TOTAL	TOTAL CATCH	SPECIFIC CATCH RATE (Hrs/Fish)	TOTAL HARVEST	SPECIFIC HARVEST RATE (Hrs/Fish)	MEAN LENGTH OF HARVESTED FISH
Walleye	876	21.02%	82	13.4	54	16.3	10.2
Northern Pike	183	4.39%	48		0		
Muskellunge	1523	36.55%	95	16.6	0		
Smallmouth Bass	94	2.26%	3		0		
Largemouth Bass	122	2.93%	24	5.1	0		
Yellow Perch	687	16.49%	1974	0.4	384	1.8	7.9
Bluegill	290	6.96%	0		0		
Pumpkinseed	0	0.00%	0		0		
Rock Bass	0	0.00%	4		4		10.0
Black Crappie	392	9.41%	0		0		

*There was no winter creel conducted as part of this survey

Table 5. Comparison of creel survey synopses, Otter Lake, 2013-14 and 2000-01 fishing seasons.

CREEL YEAR: 2013-14

SPECIES	DIRECTED EFFORT (Hours)	PERCENT OF TOTAL	TOTAL CATCH	SPECIFIC CATCH RATE (Hrs/Fish) *	TOTAL HARVEST	SPECIFIC HARVEST RATE (Hrs/Fish) **	MEAN LENGTH OF HARVESTED FISH
Walleye	1003	10.88%	141	9.3	84	12.0	12.6
Northern Pike	126	1.37%	71		31		26.6
Muskellunge	3436	37.28%	264	13.1	0		
Smallmouth Bass	254	2.76%	300	16.1	0		
Largemouth Bass	490	5.32%	172	5.3	0		
Yellow Perch	1459	15.83%	3809	0.5	785	2.2	7.8
Bluegill	484	5.25%	1063	2.1	194	3.1	6.8
Pumpkinseed	120	1.30%	59	9.0	13	9.0	7.1
Rock Bass	216	2.34%	363	0.9	24	12.2	7.6
Black Crappie	1628	17.66%	1438	1.4	823	2.3	9.5

6

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** A blank cell in this column indicates that no fish of a given species were harvested by anglers who specifically targeted that species.

CREEL YEAR: 2000-01*

SPECIES	DIRECTED EFFORT (Hours)	PERCENT OF TOTAL	TOTAL CATCH	SPECIFIC CATCH RATE (Hrs/Fish)	TOTAL HARVEST	SPECIFIC HARVEST RATE (Hrs/Fish)	MEAN LENGTH OF HARVESTED FISH
Walleye	2239	23.46%	988	2.3	280	8.4	12.2
Northern Pike	49	0.51%	77		35		22.9
Muskellunge	3347	35.08%	138	27.0	0		
Smallmouth Bass	718	7.52%	127	6.7	21		15.2
Largemouth Bass	491	5.15%	12	41.0	0		
Yellow Perch	1595	16.72%	2217	0.8	626	2.8	8.2
Bluegill	621	6.51%	116	5.4	0		
Pumpkinseed		0.00%	0		0		
Rock Bass	51	0.53%	126	1.4	28	3.6	
Black Crappie	431	4.52%	49	8.8	49	8.8	12.4

*There was no winter creel conducted as part of this survey

Table 6. Comparison of creel survey synopses, Yellow Birch Lake, 2013-14 and 2000-01 fishing seasons.

CREEL YEAR: 2013-14

SPECIES	DIRECTED EFFORT (Hours)	PERCENT OF TOTAL	TOTAL CATCH	SPECIFIC CATCH RATE (Hrs/Fish) *	TOTAL HARVEST	SPECIFIC HARVEST RATE (Hrs/Fish) **	MEAN LENGTH OF HARVESTED FISH
Walleye	3989	19.35%	401	11.0	188	22.7	16.2
Northern Pike	925	4.49%	585	8.6	126	14.7	24.6
Muskellunge	6635	32.18%	335	23.8	0		
Smallmouth Bass	697	3.38%	297	6.1	0		
Largemouth Bass	760	3.69%	365	3.1	0		
Yellow Perch	2499	12.12%	7092	0.6	855	3.3	8.2
Bluegill	1750	8.49%	3959	0.6	583	3.2	7.1
Pumpkinseed	98	0.48%	238	0.7	89	1.2	6.1
Rock Bass	0	0.00%	639		0		
Black Crappie	3265	15.84%	4701	0.7	1868	1.8	9.3

10

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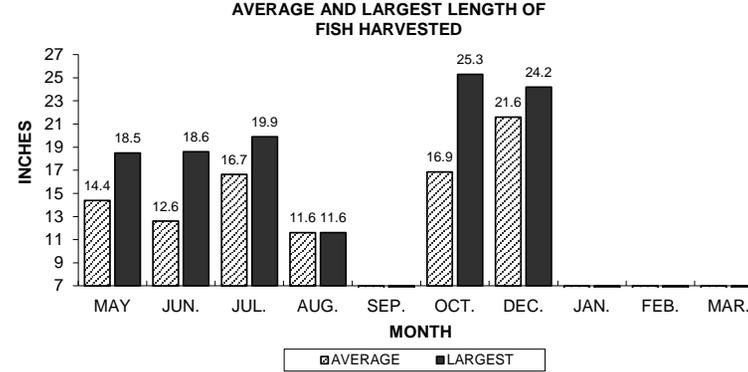
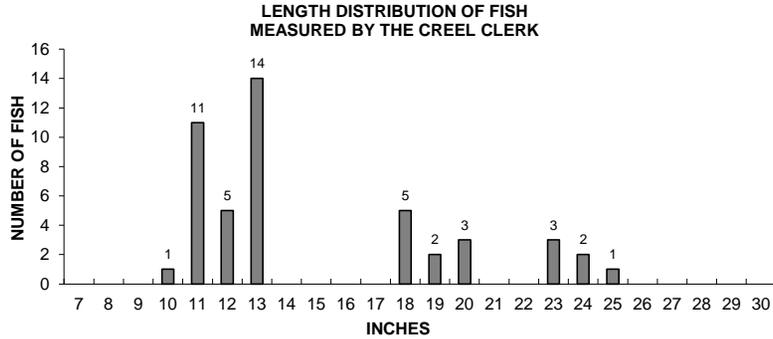
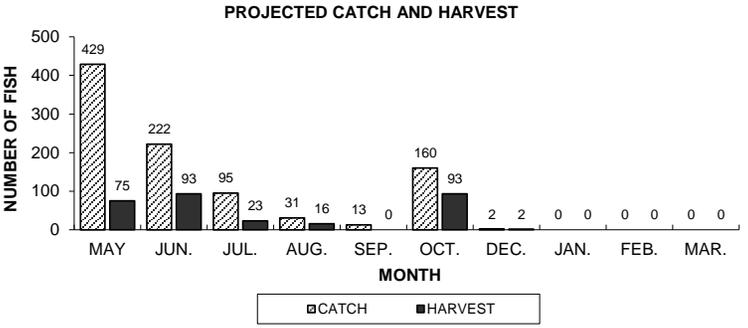
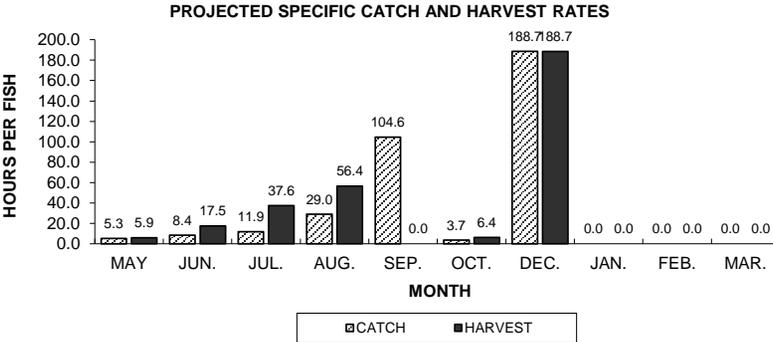
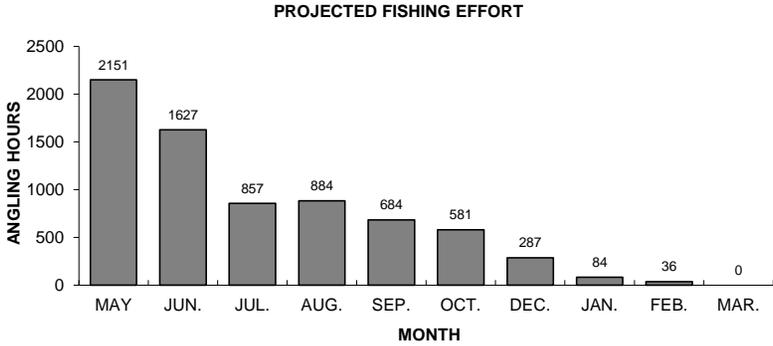
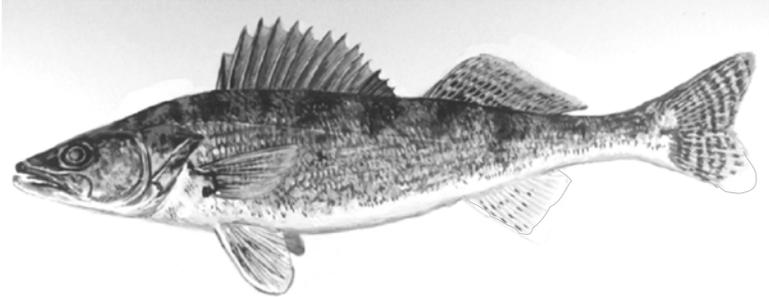
** A blank cell in this column indicates that no fish of a given species were harvested by anglers who specifically targeted that species.

CREEL YEAR: 2000-01*

SPECIES	DIRECTED EFFORT (Hours)	PERCENT OF TOTAL	TOTAL CATCH	SPECIFIC CATCH RATE (Hrs/Fish)	TOTAL HARVEST	SPECIFIC HARVEST RATE (Hrs/Fish)	MEAN LENGTH OF HARVESTED FISH
Walleye	2930	25.97%	1016	3.0	431	6.8	11.5
Northern Pike	214	1.90%	126	14.6	29	14.6	18.8
Muskellunge	3621	32.10%	348	13.4	0		
Smallmouth Bass	860	7.62%	307	16.8	8	111.1	18.0
Largemouth Bass	705	6.25%	38	37.2	19	37.2	15.1
Yellow Perch	1971	17.47%	3311	0.6	1298	1.5	7.7
Bluegill	771	6.83%	206	4.4	31		7.2
Pumpkinseed	0	0.00%	0		0		
Rock Bass	86	0.76%	125	1.7	51	1.7	
Black Crappie	124	1.10%	0		0		

*There was no winter creel conducted as part of this survey

WALLEYE



11

Figure 1. Walleye sportfishing effort, catch, harvest, and length distribution, Eagle River Chain(Duck, Lynx, Otter Yellow Birch Lakes), during 2013-14.

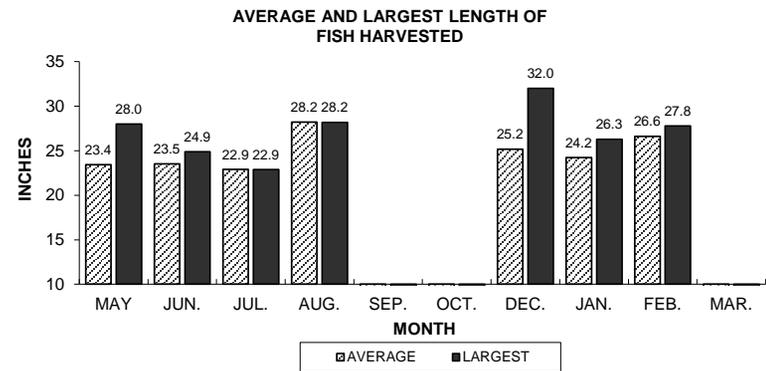
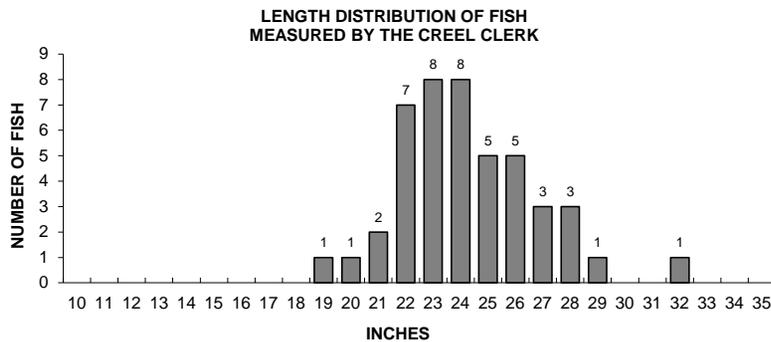
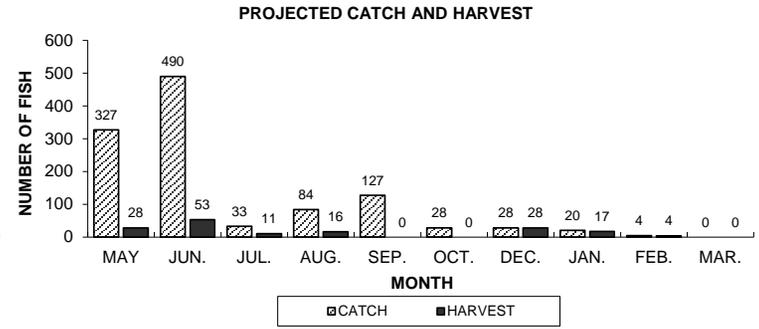
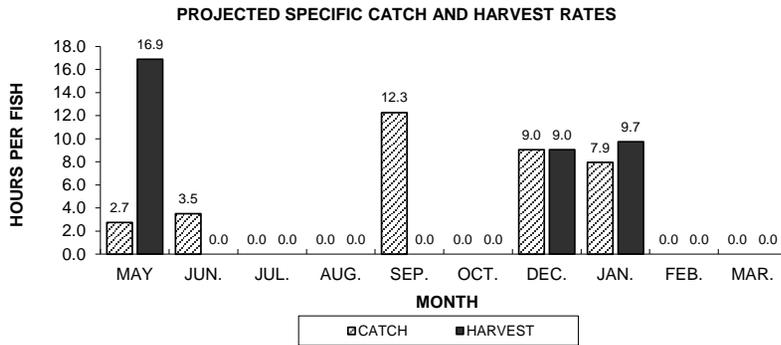
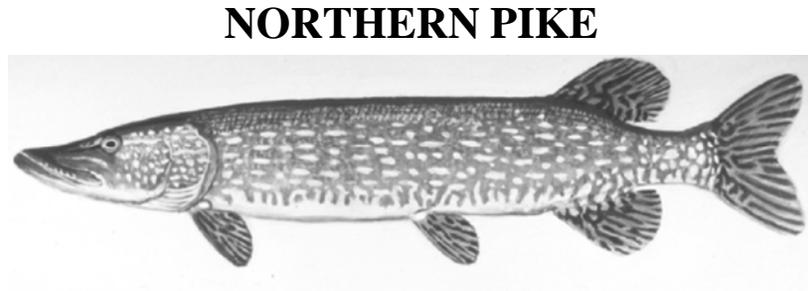
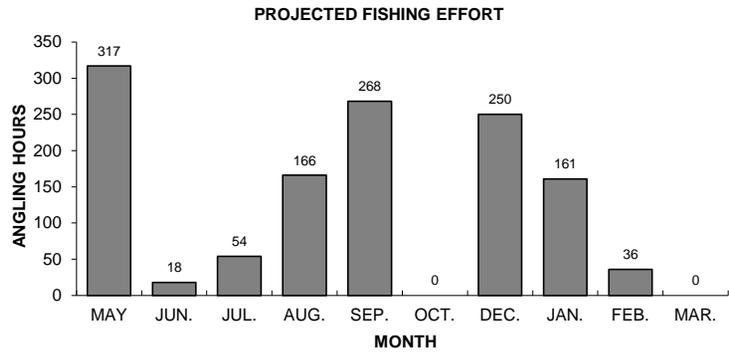


Figure 2. Northern pike sportfishing effort, catch, harvest, and length distribution, Eagle River Chain(Duck, Lynx, Otter Yellow Birch Lakes), during 2013-14.

MUSKELLUNGE

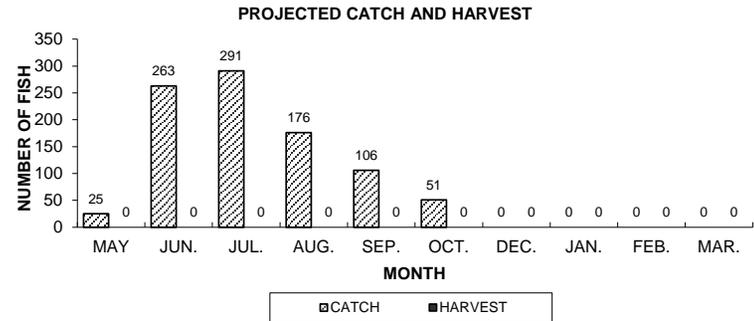
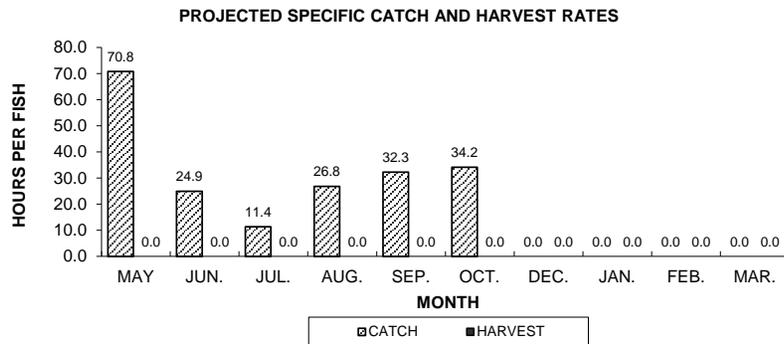
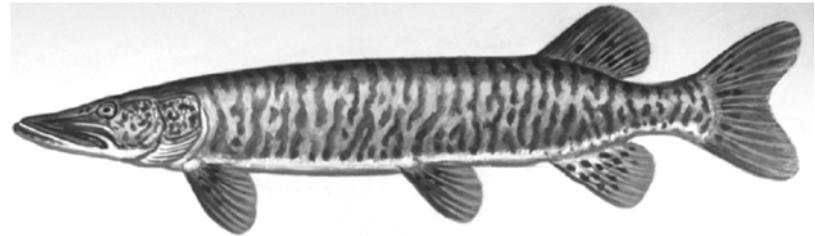
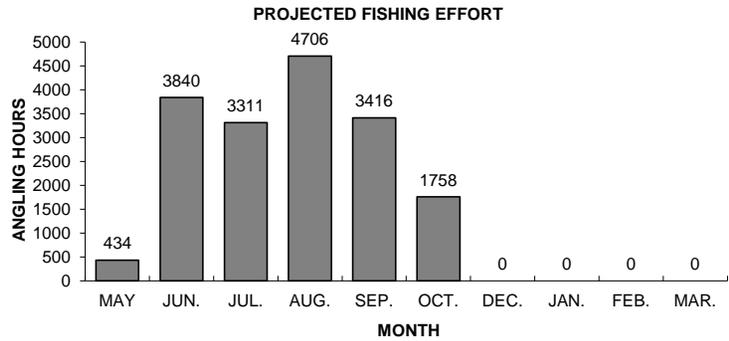


Figure 3. Muskellunge sportfishing effort, catch, harvest, and length distribution, Eagle River Chain(Duck, Lynx, Otter Yellow Birch Lakes), during 2013-14.

SMALLMOUTH BASS

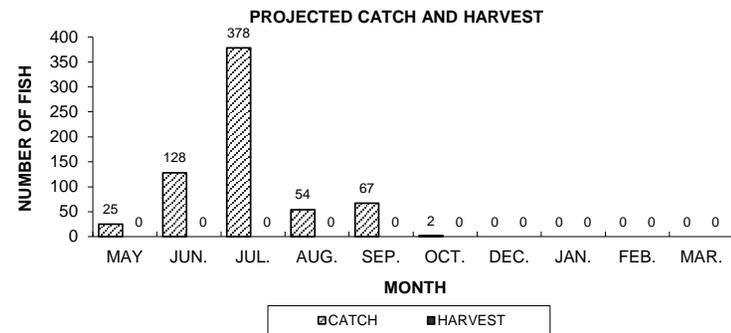
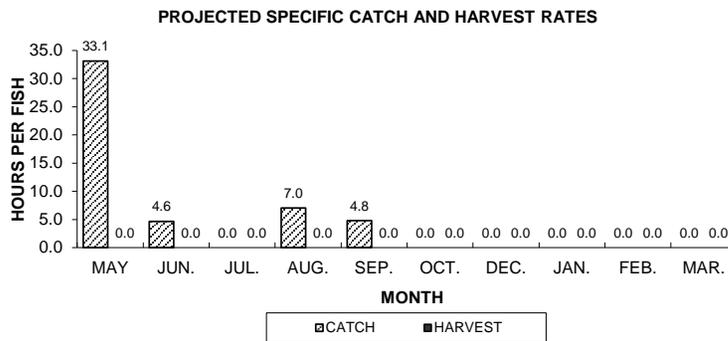
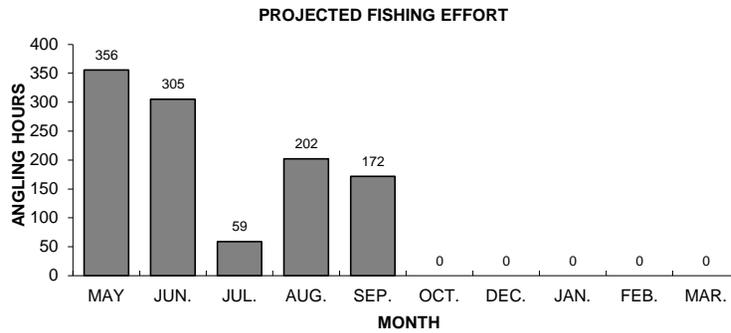
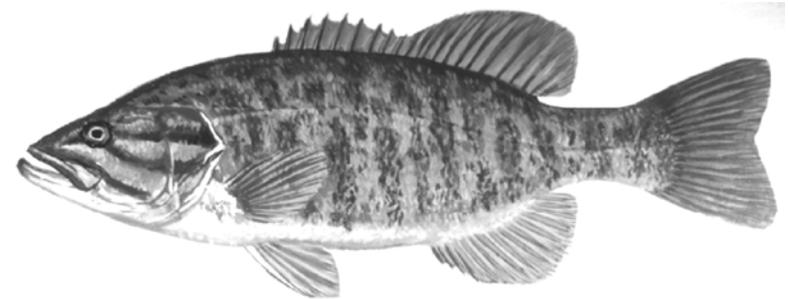


Figure 4. Smallmouth bass sportfishing effort, catch, harvest, and length distribution, Eagle River Chain(Duck, Lynx, Otter Yellow Birch Lakes), during 2013-14.

LARGEMOUTH BASS

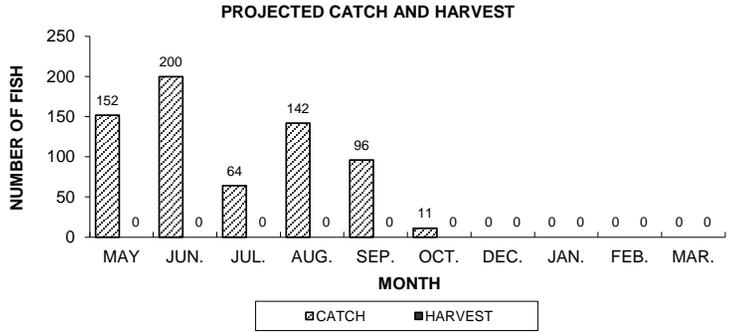
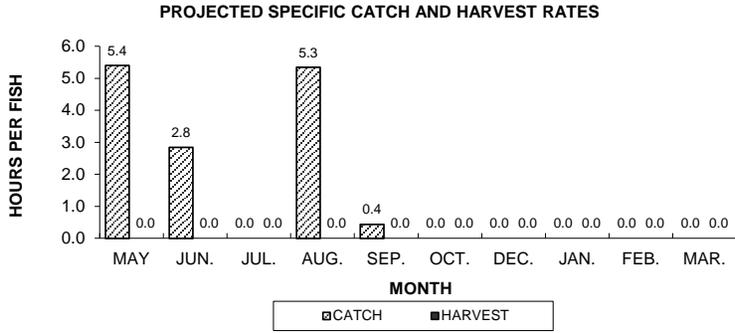
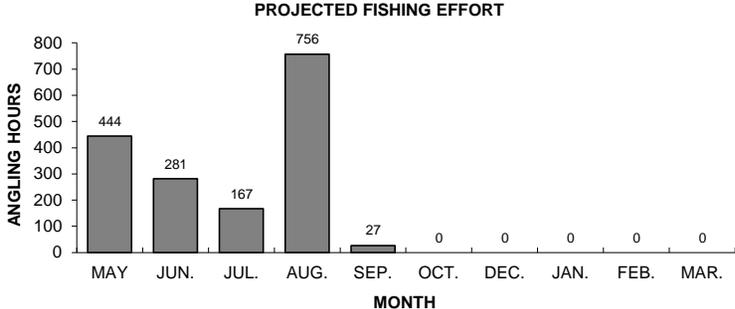
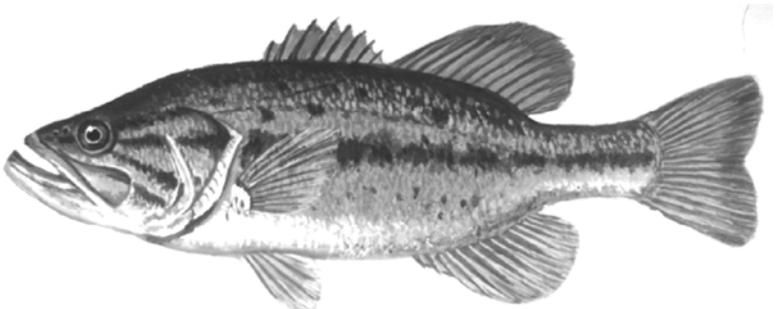


Figure 5. Largemouth bass sportfishing effort, catch, harvest, and length distribution, Eagle River Chain(Duck, Lynx, Otter Yellow Birch Lakes), during 2013-14.

YELLOW PERCH

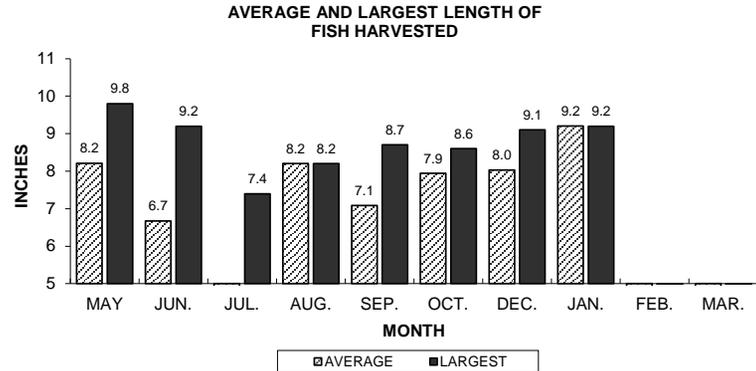
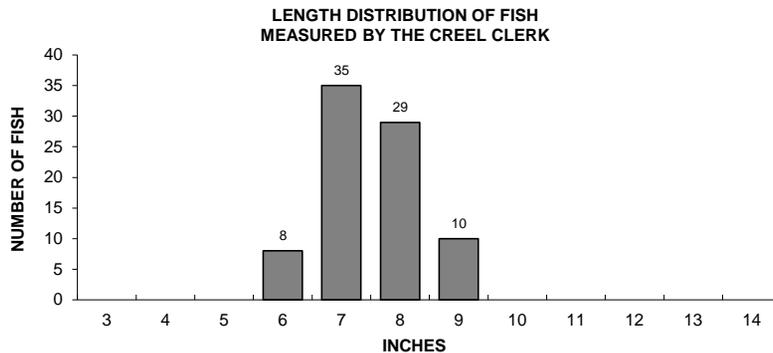
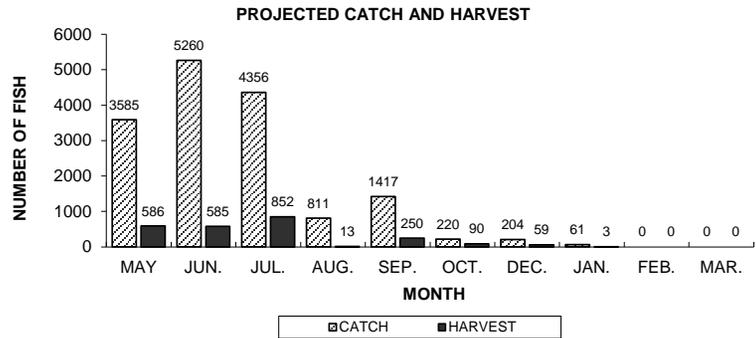
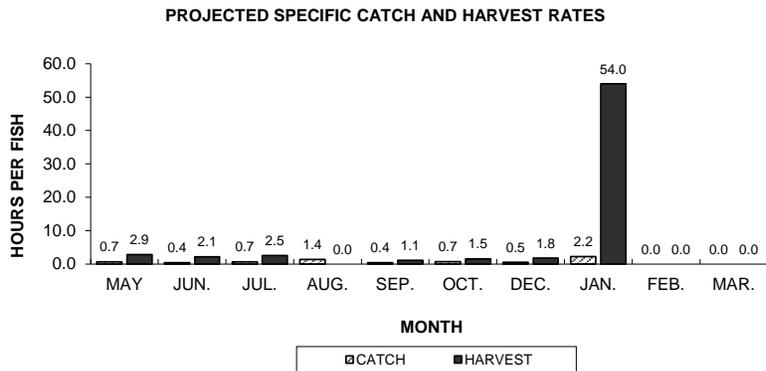
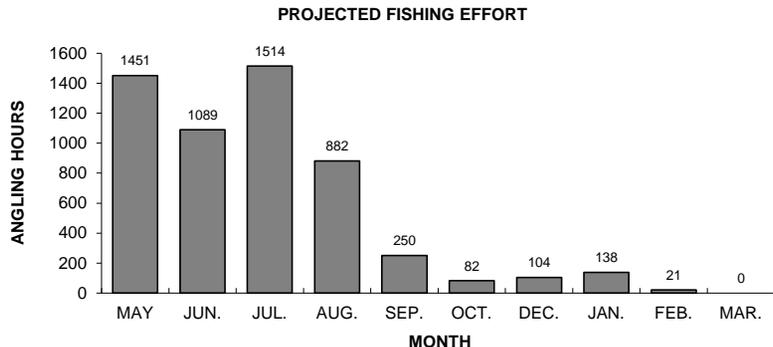
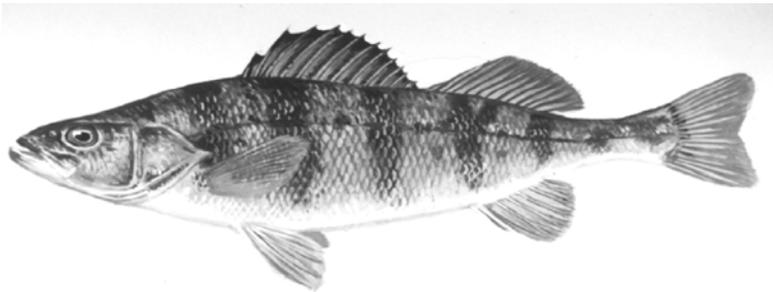


Figure 6. Yellow perch sportfishing effort, catch, harvest, and length distribution, Eagle River Chain(Duck, Lynx, Otter Yellow Birch Lakes), during 2013-14.

BLUEGILL

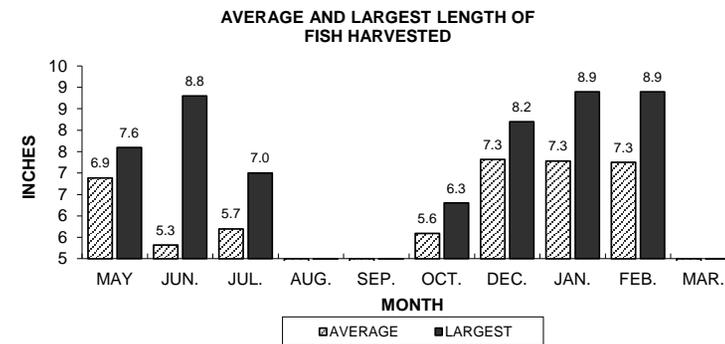
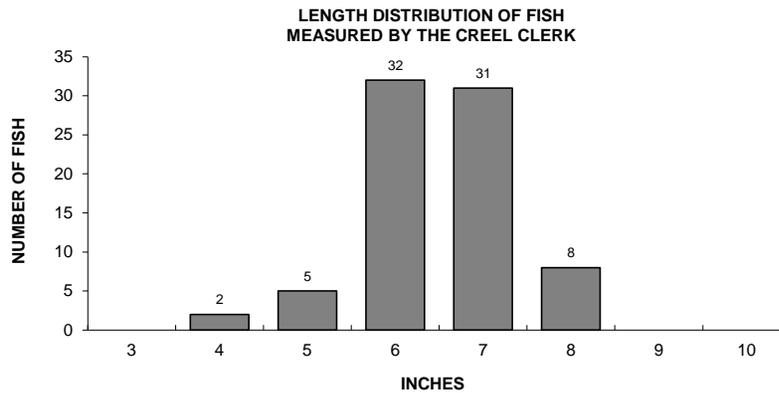
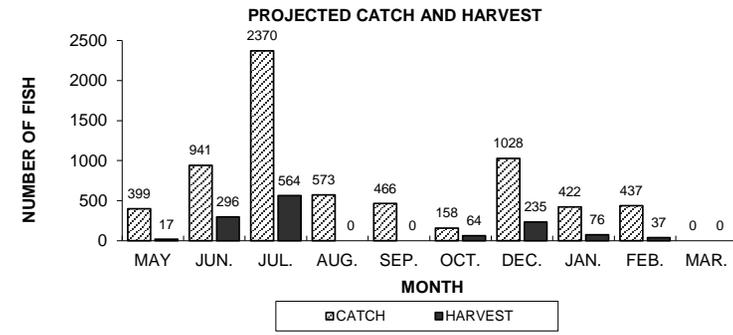
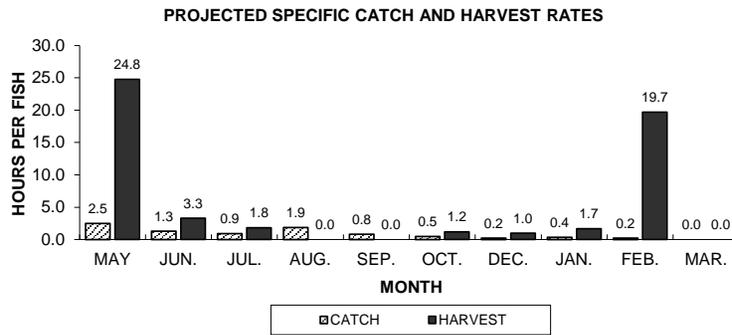
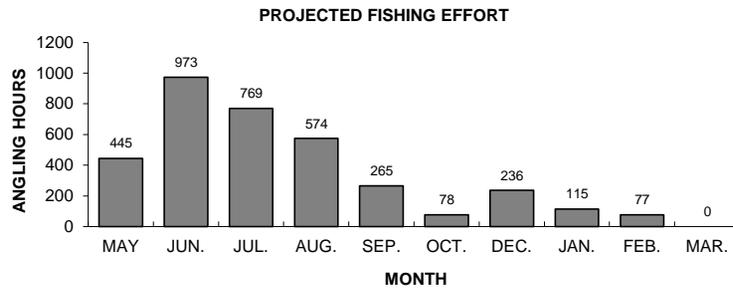
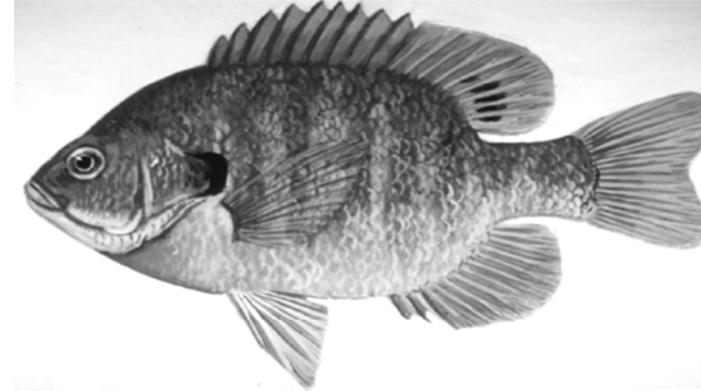


Figure 7. Bluegill sportfishing effort, catch, harvest, and length distribution, Eagle River Chain(Duck, Lynx, Otter Yellow Birch Lakes), during 2013-14.

PUMPKINSEED

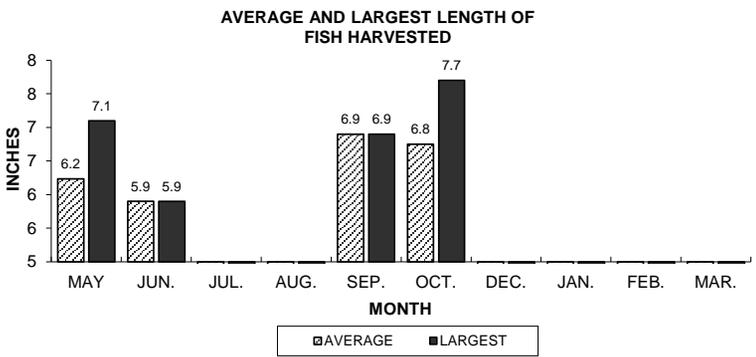
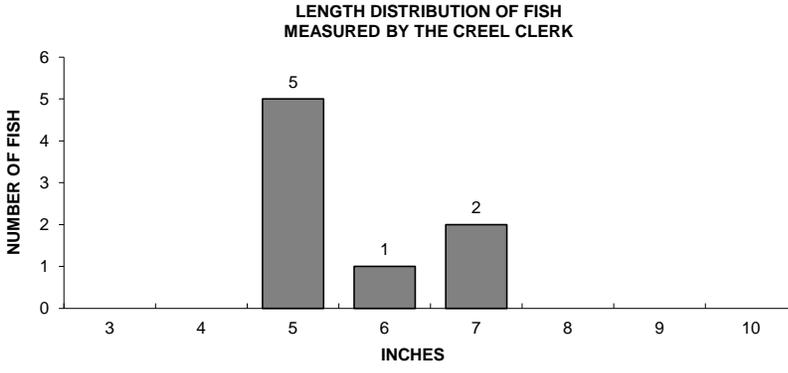
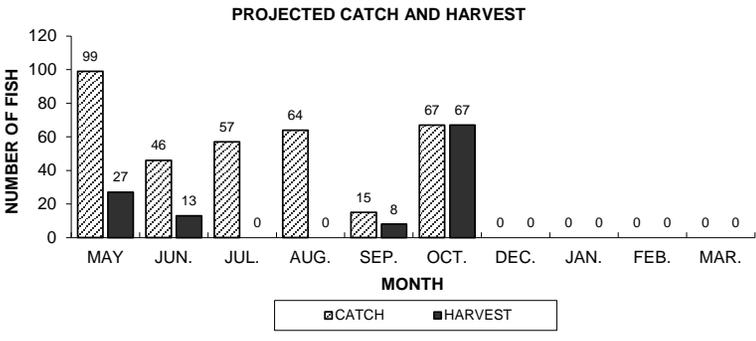
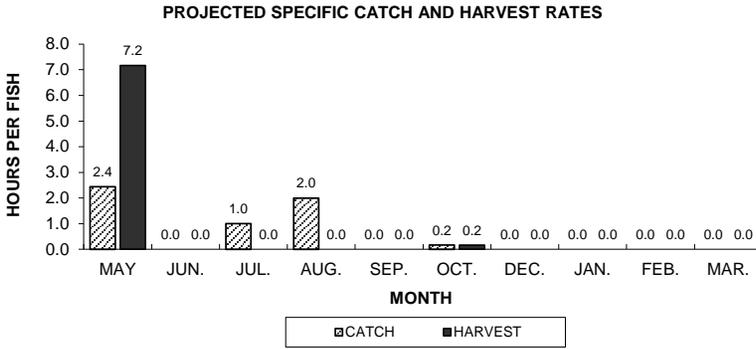
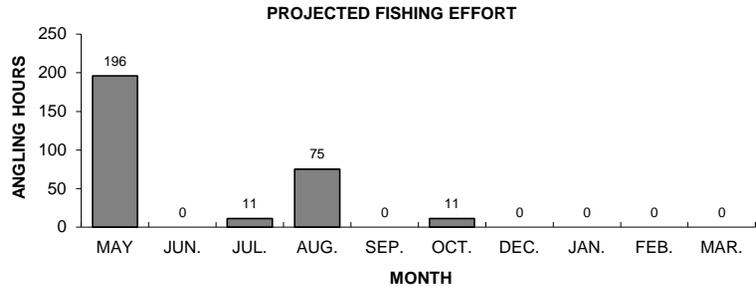
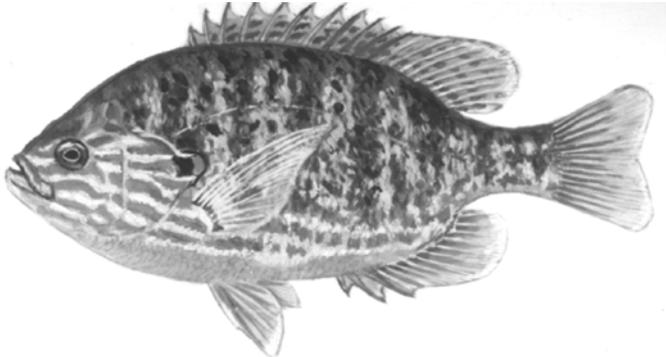


Figure 8. Pumpkinseed sportfishing effort, catch, harvest, and length distribution, Eagle River Chain(Duck, Lynx, Otter Yellow Birch Lakes), during 2013-14.

ROCK BASS

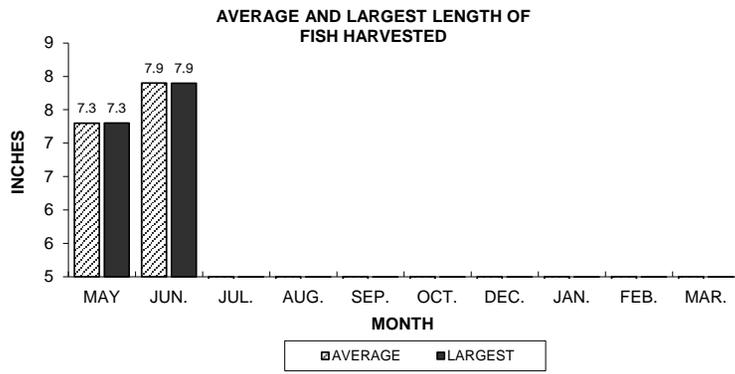
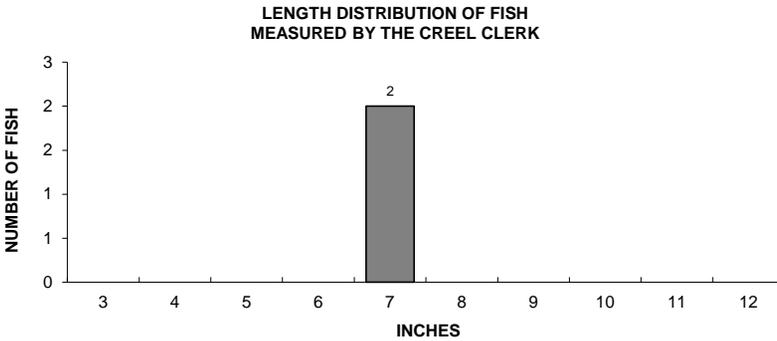
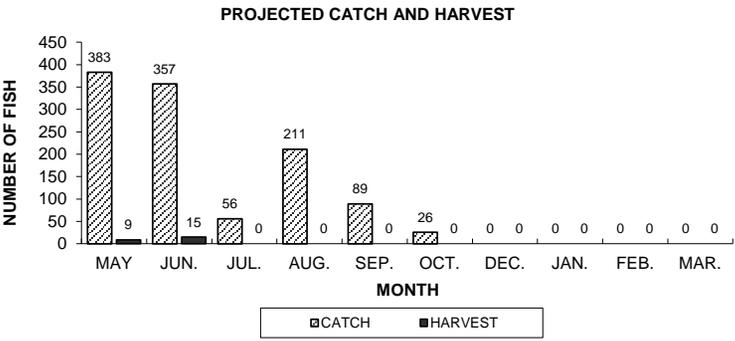
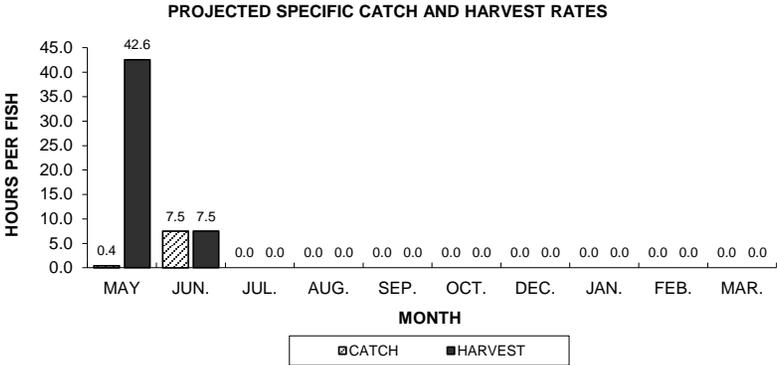
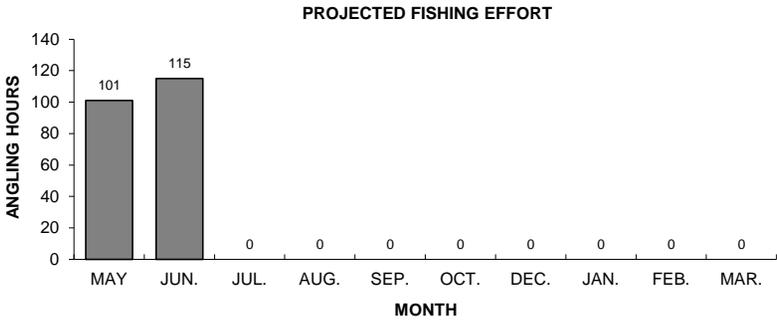
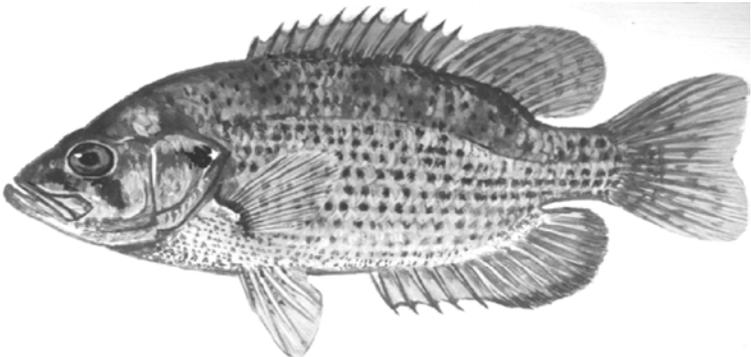


Figure 9. Rock bass sportfishing effort, catch, harvest, and length distribution, Eagle River Chain(Duck, Lynx, Otter Yellow Birch Lakes), during 2013-14.

BLACK CRAPPIE

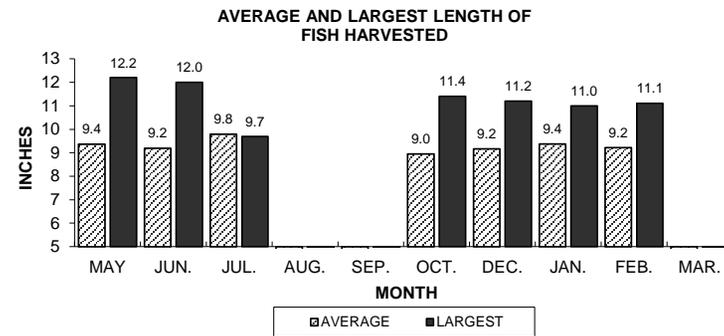
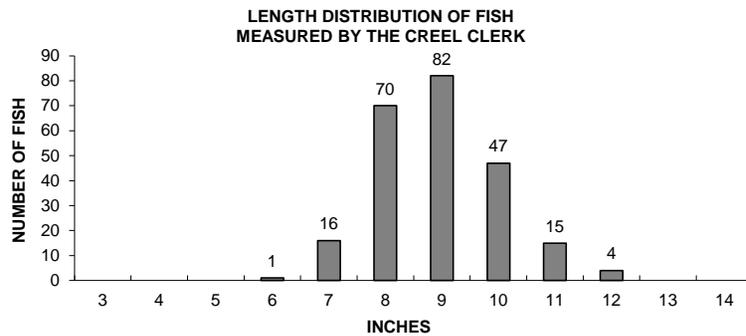
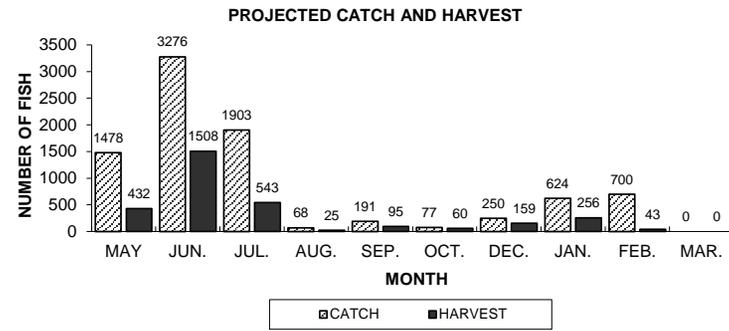
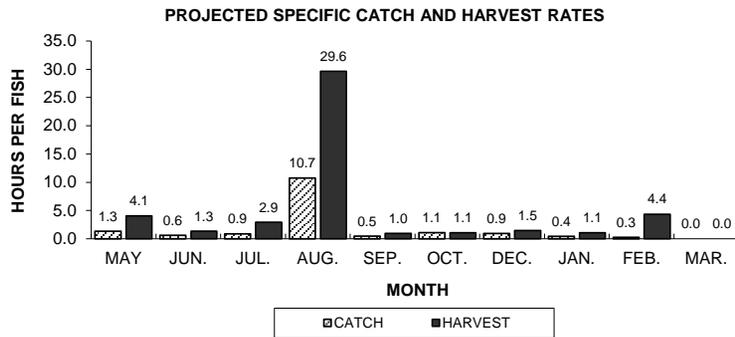
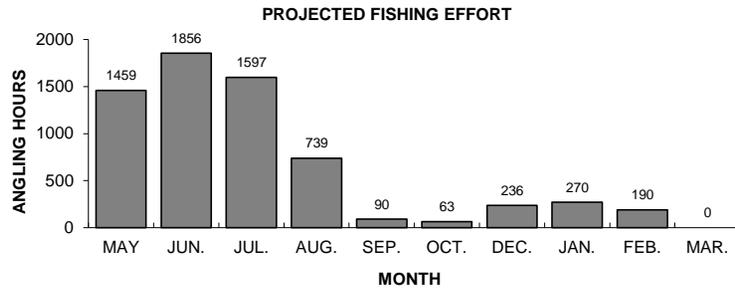
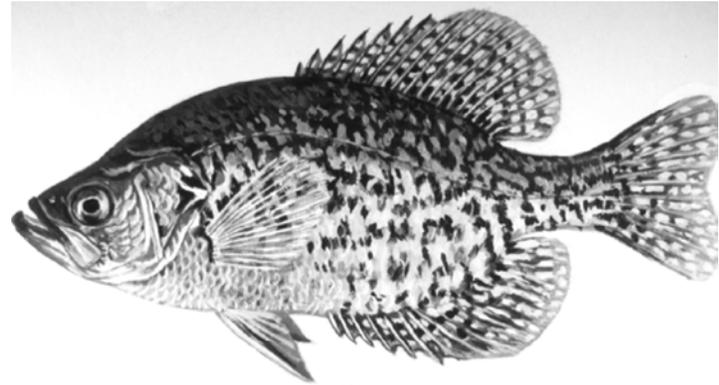


Figure 10. Black crappie sportfishing effort, catch, harvest, and length distribution, Eagle River Chain(Duck, Lynx, Otter Yellow Birch Lakes), during 2013-14.