

Wisconsin Conservation Department

INTRA-OFFICE
MEMORANDUM

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Date August 10, 1950

TO: Edw. Schneberger

FROM: W. H. Woods

SUBJECT: Summary and statistical report of Lake Winnebago
sturgeon spearing for 1950.

Sturgeon Tags Sold:

The license section states that 2,425 sturgeon tags were sold. This is a drop of approximately 5,000 tags and would be attributed to the increase in sale price of from five cents to one dollar per tag.

Number of Fishermen:

From the lists, 2,019 licensees purchased tags, or there were 1.20 tags per fisherman - a drop of about 3 tags per fisherman, indicative of the increased tag price.

Degree of Fisherman Success:

As reported, there were 117 sturgeon taken, which meant only 39 percent fishermen reporting, or about one of every four fishermen reporting took at least one fish. The following table supports the preceding discussion.

<u>Number of Fishermen Reporting</u>	<u>Degree of Success</u>	<u>Number of Fish Reported Taken</u>
216	None	
56	1	56
20	2	40
4	3	12
1	4	4
1	5	5
<u>298</u>		<u>117</u>

The comparison of the 1950 sturgeon season to the five preceding years is as follows:

	1946	1947	1948	1949	1950
Number of fishermen	1409	1275	2671	1661	2019
Persons reporting catch	298	228	618	471	298
Persons reporting 0 fish	125	167	372	396	216
" " 1 "	110	41	132	50	56
" " 2 "	28	15	63	19	20
" " 3 "	22	3	34	4	4
" " 4 "	7	0	11	1	1
" " 5 "	6	2	6	1	1
Total sturgeon reported taken	290	90	434	109	117
Average number fish per fisherman reporting	.97	.39	.70	.23	.39
Estimated number of fish taken	1370	502	1735	384	300

Sex Ratio and Other Observations:

The census cards showed that a ratio of 73 males to 28 females prevailed in the 101 sturgeons reported taken. Accompanying this report, I have also included a sturgeon male and female distribution chart relative to weight and length grouping of the species. The following averages were tabulated from the groupings.

<u>Sex</u>	<u>Average Length (Inches)</u>	<u>Average Weight (Pounds)</u>
Male (73 species)	52.0	41.1
Female (28 species)	57.1	55.0

W. H. Woods

WHW:jlr

Attach.

NOTED:

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