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## **Biennial report of the State Conservation Commission of Wisconsin for the fiscal years ending June 30, 1919, and June 30, 1920. 1919**

Wisconsin. State Conservation Committee (1915-27)

Madison, Wisconsin: Democrat Printing Company, State Printer, 1919

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BIENNIAL REPORT

7th

OF THE

STATE CONSERVATION COMMISSION

OF WISCONSIN

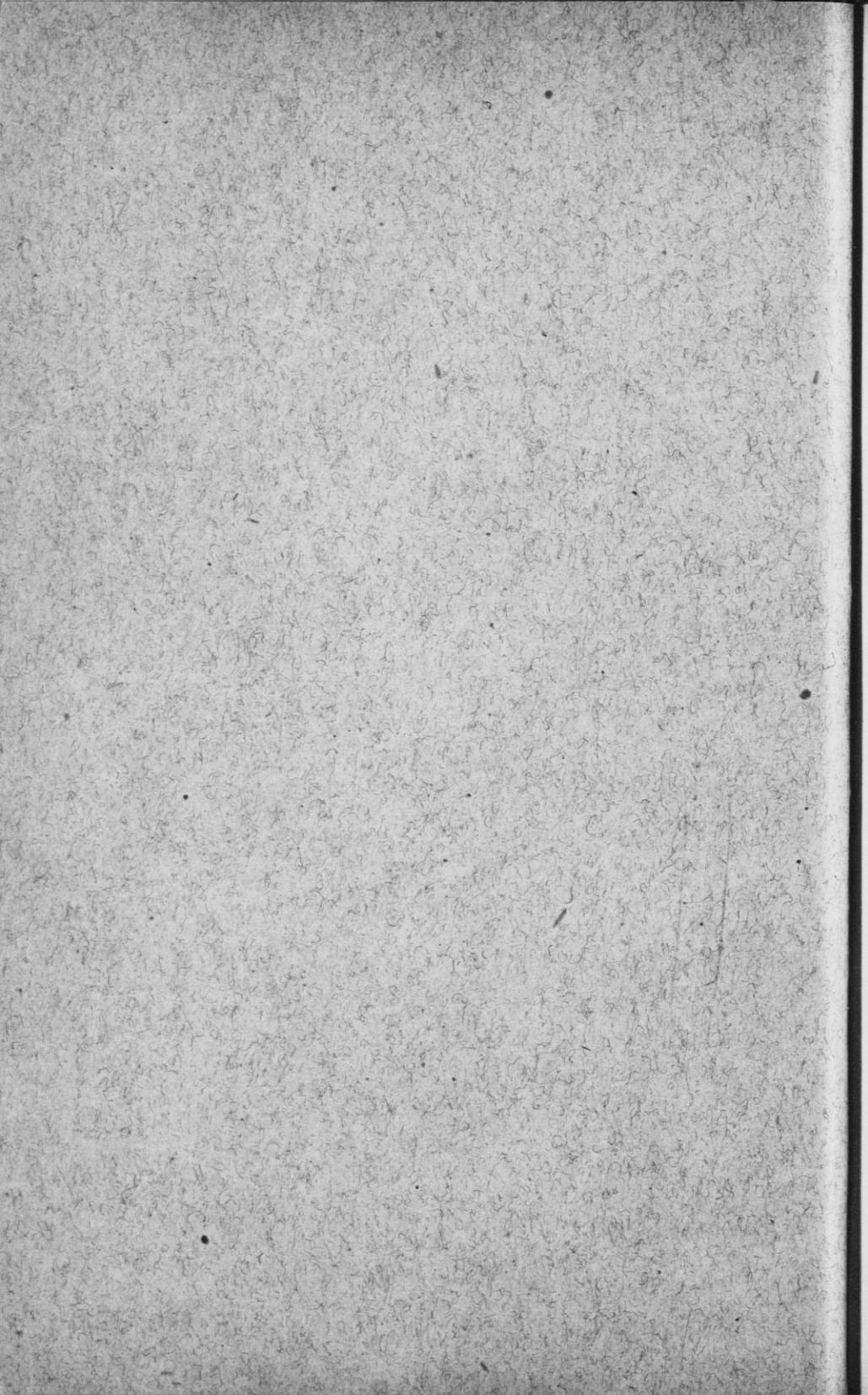
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MADISON

Fiscal years ending June 30, 1919, and June 30, 1920



MADISON, WISCONSIN

Democrat Printing Company, State Printer  
1919



BIENNIAL REPORT

OF THE

STATE CONSERVATION COMMISSION

OF WISCONSIN

FOR THE

Fiscal years ending June 30, 1919, and June 30, 1920



MADISON, WISCONSIN  
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1919



## COMMISSIONERS

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W. E. BARBER, *Chairman*-----Term expires February, 1925

C. L. HARRINGTON-----Term expires February, 1923

JAMES NEVIN -----Term expires February, 1921

R. S. SCHEIBEL, *Secretary*.

## LETTER OF TRANSMITTAL

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HONORABLE EMANUEL L. PHILIPP,

*Governor of Wisconsin.*

SIR: In conformity with law, we have the honor to transmit the report of this department for the biennium ending June 30, 1920.

Respectfully submitted,

W. E. BARBER,

JAMES NEVIN,

C. L. HARRINGTON,

*Commissioners.*

R. S. SCHEIBEL, *Secretary.*

Protect the Fish and Game by Preserving the Forest Cover

Will  
You  
Help?



Will  
You  
Help?

DID YOU PUT OUT YOUR CAMP FIRE?

One Tree Will Make a Million Matches;  
One Match Will Destroy a Million Trees

WISCONSIN CONSERVATION COMMISSION  
United States Forest Service

**WANTED**  
**Campers who prevent**  
**forest fires.**

WISCONSIN CONSERVATION COMMISSION  
United States Forest Service

## FOREWORD

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The State Conservation Commission as now organized has been in existence a little less than six years. The report of the commission herewith presented is, therefore, its third biennial report. In presenting it the members of the commission believe it to be fitting that they express their high appreciation of the cordial support and cooperation which has been given their work by the public. Beyond their most sanguine expectations the people of the state have manifested an interest in and a sympathy with every effort made by them along their different lines of activity, which augurs well for the future of conservation. A recent illustration of this is found in the hearty support given the commission in its reinstatement of the one-buck law, and the prohibiting of the taking of muskrat and mink. Not only were the commission's orders strictly obeyed, but there was actively manifested an earnest desire on the part of all the local fish and game associations to assist the commission in conserving the wild life of the state. The commission closes its third biennium, therefore, with feelings of gratitude toward the public whose servant it is, and with high hopes for the future of conservation work in the state.

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## WILD LIFE CONSERVATION

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W. E. BARBER

The warden division emerged from the war period with the earmarks of having suffered to some extent from the various excesses incident to the general upheaval and unbalancing of all lines of industry.

In our last biennial report we listed the names of the conservation wardens who were in the U. S. service, having volunteered their services in the world war. We are gratified to report that all have since returned and are again on the force.

Most of the upheaval occasioned by the war has been overcome excepting, the unusual drain upon our appropriation occasioned by the advance in the cost of living, necessitating the raise of the salaries of our men to meet their living expenses. Every element entering into the activities of this division has gone up in price, such as rail-

road fares, hotel bills, gasoline and other incidentals, and in order to maintain our force and render anything like efficient service we were forced to exceed our appropriation. We desire to call your attention to the fact that none of the money appropriated to the conservation commission comes from the taxpayers of the state. This department is wholly self-sustaining. The law provides that all monies excepting fines, accruing to the conservation commission from the sales of licenses, confiscations, rough fish percentages, etc. shall go into the conservation fund for the use of maintaining the department.

We collected during our last biennium \$532,125.63 and our appropriations were \$467,000. Therefore, it will be seen that the taxpayers contributed nothing to the conservation commission.

During the last biennium under an act of the legislature we have started and established the Wisconsin Conservationist, a paper published bi-monthly, as an educational medium to arouse the people to the value of conserving our wonderful natural resources. Our first paper was published March 1, 1919, and we have at this writing 9,000 paid-in-advance subscribers. This paper is a valuable asset to the state in creating interest in this great work. It is a well-known fact that education is the one and only element that will solve this problem.

We have a warden force of 60 men at an average monthly salary of \$131.00. Eleven of the wardens have state-owned Ford cars and three have state-owned motorcycles. Most of the balance of the force are using their own cars, the state paying them 8¢ per mile for the miles actually traveled while in the service of the state.

Our experience has shown that it is economy for the state to furnish cars but the initial expense of purchasing them prohibits putting them in general use.

We have purchased two high-powered motor boats during the past two years for use on the Mississippi River and Winnebago waters. We are in need of additional cars and boats to be fully equipped to furnish efficient service.

There is a general improvement in game conditions excepting deer. The deer season of 1919 was disastrous. We estimated that 25,152 deer were killed that year. Partridge and prairie chicken have increased remarkably and it will be safe to open the season for a few days next year with a small bag limit.

Fur-bearing animals have decreased to an alarming degree through excessive trapping owing to the tremendous advance in prices of furs. The decrease in muskrat has become so alarming that the commission are holding hearings in the various counties, after which we will close the season for trapping this fall. We are giving the reports of the trappers for the past three years to show the extent of the decrease in muskrat. In 1917 we trapped 802,048; in 1918, 272,236; in 1919, 162,963. This shows an astonishing decrease in the number of rats and if we are to retain them as a fur-bearer it is absolutely necessary that the season be closed.

There has been a general decrease in all varieties of fur-bearers but it is most marked and alarming with the muskrat.

## FISHERIES DIVISION

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By JAMES NEVIN, *Commissioner*.

The demand for fry and fingerlings for stocking the many lakes and streams is growing from year to year. This demand will continue to grow notwithstanding the large number of fry that are planted in public waters every year. It is estimated that fifteen people go fishing nowadays where one person enjoyed angling twenty years ago. For some eighteen years Wisconsin has provided a closed season during the spawning period of all varieties of game fish in inland waters; the laws have also prohibited the use of licensed nets in inland waters and the only legal manner of taking such fish is with the use of hook and line.

One would naturally feel that our waters should be teeming with fish and that larger catches of game fish would be made. I know of lakes that contain an abundance of fish, but from which waters very few fish are taken with hook and line during the season.

The output of the fish crop from the several state hatcheries varies from year to year, depending upon weather conditions, which have just as much influence on the hatching of fish as they have on the collection of eggs and the number of eggs that are hatched. At this time the hatcheries at Bayfield, Sturgeon Bay and Sheboygan contain some 29,000,000 lake trout eggs which were collected from the waters of Lakes Michigan and Superior during the spawning season which has just closed. This number is about the average that is collected each year. The quality, however, is the poorest that we have ever taken. The percentage of fish that will be hatched from these eggs will be much less than the production of lake trout fry in former years.

The varieties of commercial fish that are being hatched by the state and planted in outlying waters are holding their own in the number of pounds of these varieties that are caught by commercial fishermen from year to year. Other varieties of commercial fish, the eggs of which are not propagated in the state hatcheries, are on the decrease. If funds were available for the collection of herring, chub and blue fin eggs the propagation of these varieties of fishes would largely increase the supply that is being taken from our outlying waters.

Although the new hatchery at St. Croix Falls has been in its infancy for the past two years the operation of this hatchery has been



the means of the building up of our other brook trout stations, so that we have more brook and brown trout coming on as stock fish than we have had at any time during the past twenty years. After another two years we will have a sufficient amount of brown and brook trout fry to supply all necessary requests for the stocking of available streams that should be supplied with these varieties of trout, and will be the means of keeping these streams in prime condition at all times.

The hatching of black bass under natural conditions throughout Wisconsin during the spring of 1920 was to my knowledge the greatest that the state has ever experienced. The weather conditions were ideal, which resulted in a splendid natural reproduction, and which will be of immense value to the fishing interests of the state.

It is estimated that 300,000 people from outside Wisconsin visited our state during the past summer, coming to Wisconsin because of the many beautiful lakes and streams within our borders. It is estimated that these people left in Wisconsin some \$7,000,000, and which estimate I believe is very conservative.

During the past two summers, in the months of July and August the commission has endeavored to examine as many spring water trout streams as possible in the several counties to ascertain the adaptability of the streams for the propagation and growth of trout of various kinds. The most essential thing is the temperature of the water during warm weather, the amount of water, and shade and hiding places for the protection of the fish. In the past there have been millions of trout planted in various streams which were wasted, the streams not being adapted for them. In this, we took every precaution to prevent it as far as we could, not knowing and judging by the application as filled out by the party wanting the fish for the stream. We have been limited for practical men to make a thorough examination to know what the requirements are for a spring water stream which is suitable for fish applied for, and which we will have on record in the office. In the future the streams in the counties will all be numbered, and when a man makes application for trout for a stream we will look up the number of the stream and see if said stream is adapted for the variety of fish that is asked for. Funds have not been available for us to make as rapid progress with the work as we would have liked.

Because of the high cost of labor and materials in connection with the work of the department it has been necessary to curtail expenses whenever and wherever possible. Much work was left undone because of the fact that \$2.00 would not accomplish as much work as \$1.00 would produce in former years. As the department must keep within the amount of money appropriated by the legislature for the administration of our several divisions, it was necessary to forego certain works of improvement which we would like to have undertaken.

## STATE PARKS

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By C. L. HARRINGTON, *Commissioner.*

The summer seasons of 1919 and 1920 brought an increasing number of visitors to the state parks. It was estimated that an average of 100,000 people spent some of their time on the Devils Lake area, alone, during each of these years. Improved roads have brought these public areas nearer and nearer to Wisconsin citizens, as well as to the tourists beyond our borders, and their increasing value to all has been greatly emphasized.

### NEW AREAS ACCEPTED

Several years ago John A. Latsch offered to the state a tract of land bordering on the Mississippi near the village of Trempealeau for a state park and wild life refuge. This area of 2100 acres was finally accepted and now is unofficially called the Perrot State Park. The area is rich in historic and scenic value and will make a valuable addition to the state-owned public areas. About 900 acres are high land and form the park proper, while the balance is bottom land and comprises the Idlewild Game Refuge.

The commission also accepted the gift of 660 acres from the late Martin B. Pattison of Superior. This area is located at the falls of the Black River, twelve miles south of Superior. It is a natural camping and picnic point. The falls are the highest in the state, having a drop of 165 feet. This area is of the utmost importance to the state park system, located as it is near one of our large cities, and in a fast developing agricultural community. A large patronage to this area is assured. Wisconsin now owns eight state parks, including the above mentioned recently acquired areas.

Improvements on the state parks have progressed as rapidly as the funds available will permit. New roads have been constructed, old ones repaired and improved, better sanitary conveniences have been installed, fireplaces for campers have been built, new tent and cottage sites established, the water supplies have been enlarged through the drilling of wells, the construction of reservoirs, and the cleaning and curbing up of springs, places of scenic or historic interest have been suitably marked, trails and pathways opened up, railings built to protect pedestrians, several shops and storehouses

built, all improvements having in mind specifically the fundamental conveniences and comforts of visitors to these areas.

Improvements of particular importance are the construction of the concrete Warner memorial road, the installation of additional toilet facilities, and the final closing of negotiations for the removal of the American Refractories Company at the Devils Lake Park, and the commencement of a road building program which will increase in a marked way the accessibility of the Interstate and Peninsula parks.

Further improvements contemplated will be along the lines as indicated above. The particular needs of the parks of Wisconsin at the present time are to make them accessible by the construction of better roads and trails and to provide the ordinary conveniences that a visitor or tourist might expect to find on such areas.

#### STATE LANDS AND FOREST RESERVES

Practically no changes have occurred on the state lands and forest reserves during the past two years. The work of protecting these properties against fire and trespass has been continued, and the commission has furnished the commissioners of public lands with all necessary information for the general administration of the school fund lands.

Improvements in the way of road and trail construction and maintenance have been conducted, trees planted, and work of a nature that would add definite values to these state properties has been carried on.

# FINANCIAL STATEMENT OF CONSERVATION COMMISSION

July 1, 1918, to June 30, 1919

## OPERATION

Available appropriation .....	\$198,878.45	
Refund .....	125.00	
Total disbursements 1918-1919 .....		\$196,882.29
Unexpended balance .....		2,121.16
	<u>\$199,003.45</u>	<u>\$199,003.45</u>

## REPAIRS AND MAINTENANCE

Appropriation .....	\$13,000.00	
Unexpended balance .....	222.88	
Total disbursements .....		\$11,447.75
Unexpended balance .....		1,775.13
	<u>\$13,222.88</u>	<u>\$13,222.88</u>

## PROPERTY AND IMPROVEMENTS

Appropriation .....	\$4,000.00	
Unexpended balance .....	232.20	
Total disbursements .....		\$3,960.70
Unexpended balance .....		271.50
	<u>\$4,232.20</u>	<u>\$4,232.20</u>

## CLASSIFICATION OF DISBURSEMENTS

Administration .....	\$23,072.20	
Forestry .....	17,788.65	
Parks .....	12,477.22	
Wardens .....	111,159.37	
Fisheries .....	47,675.85	
Muskego and Wind Lake Dams .....	117.45	
		<u>\$212,290.74</u>

## ADMINISTRATION

Salaries .....	\$16,344.15	
Traveling expenses .....	1,844.38	
Printing .....	2,026.96	
Supplies .....	587.40	
Postage .....	1,289.36	
Telephone and telegraph .....	438.44	
Express and freight .....	303.88	
Advertising .....	237.63	
		<u>\$23,072.20</u>

## FORESTRY DIVISION

Salaries and labor .....	\$3,766.05	
Supplies .....	1,069.58	
Improvements .....	1,197.45	
Repairs .....	142.30	
Employee's expense .....	616.28	
Insurance .....	449.41	
		<u>\$7,241.07</u>

## FIRE PROTECTION

Salaries and labor .....	\$5,761.10	
Supplies .....	1,290.29	
Employee's expense .....	3,496.19	
		<u>\$10,547.58</u>

## WARDEN DIVISION

Salaries .....	\$68,805.33	
Railroad fares .....	4,920.84	
Hotel expense .....	16,710.27	
Livery expense .....	8,999.64	
Other expense .....	3,727.81	
Telephone .....	202.70	
Gas and oil .....	1,237.14	
Repairs .....	455.05	
Improvements .....	592.55	
Boat and auto supplies .....	3,248.83	
Boat and auto repairs .....	679.16	
Game farm .....	387.20	
Motorcycle repairs .....	413.90	
Supplies and provisions .....	541.10	
Insurance .....	237.85	
		<u>\$111,159.37</u>

## FISHERIES DIVISION

Madison Hatchery .....	\$5,558.89	
Bayfield Hatchery .....	8,578.85	
Oshkosh Hatchery .....	747.42	
Minocqua Hatchery .....	2,607.31	
Delafield Hatchery .....	3,164.15	
Wild Rose Hatchery .....	5,634.01	
Sturgeon Bay Hatchery .....	2,538.96	
Sheboygan Hatchery .....	3,232.38	
Spooner Hatchery .....	486.34	
Eagle River Hatchery .....	259.31	
St. Croix Falls Hatchery .....	984.82	
Tenney Park Hatchery .....	180.77	
State Fair exhibit .....	118.77	
Distribution of fish .....	9,468.70	
Collecting lake trout eggs .....	766.26	
Collecting pike eggs .....	2,993.00	
Collecting pickerel eggs .....	355.91	
		<u>\$47,675.85</u>

## GLEN PARK FUND

Unexpended balance .....	\$63.46	
Unexpended balance .....		\$63.46
	<u>\$63.46</u>	<u>\$63.46</u>

## GOVERNMENT REFORESTATION FUND

Balance on July 1, 1918 .....	\$3,948.38	
Receipts for year .....	2,232.93	
Disbursements .....		\$3,320.55
Balance .....		2,860.76
	<u>\$6,181.31</u>	<u>\$6,181.31</u>

## REST LAKE CABIN (INSURANCE)

Balance on July 1, 1918 .....	\$2,142.29	
Disbursements .....		\$2,142.29
Balance .....	<u>\$2,142.29</u>	<u>\$2,142.29</u>

## FUND TO RELOCATE AMERICAN REFRACTORY CO.

Balance July 1, 1918 .....	\$25,250.00	
Disbursements .....		\$25,250.00
Balance .....	<u>\$25,250.00</u>	<u>\$25,250.00</u>

## PARK PURCHASE FUND

Balance on July 1, 1918 .....	\$4,378.65	
Receipts .....	1,872.85	
Disbursements .....		\$6,251.50
Balance .....	<u>\$6,251.50</u>	<u>\$6,251.50</u>



# FINANCIAL STATEMENT OF CONSERVATION COMMISSION

July 1, 1919 to June 30, 1920

## OPERATION

Appropriations .....	\$233,500.00	
Unexpended balance .....	2,121.16	
Refunds .....	220.00	
Total disbursements (1919-1920) .....		\$234,391.49
Unexpended balance .....		1,449.67
	<u>\$235,841.16</u>	<u>\$235,841.16</u>

## REPAIRS AND MAINTENANCE

Appropriation .....	\$15,000.00	
Insurance .....	387.74	
Unexpended balance .....	1,775.13	
Refund .....	50.25	
Total disbursements .....		\$17,213.12
	<u>\$17,213.12</u>	<u>\$17,213.12</u>

## PROPERTY AND IMPROVEMENTS

Appropriation .....	\$10,000.00	
Unexpended balance .....	271.50	
Total disbursements .....		\$10,271.50
	<u>\$10,271.50</u>	<u>\$10,271.50</u>

## CLASSIFICATION OF DISBURSEMENTS

Administration .....	\$37,551.85	
Forestry .....	23,299.04	
Parks .....	14,336.64	
Wardens .....	130,238.25	
Fisheries .....	56,450.33	
		<u>\$261,876.11</u>

## ADMINISTRATION

Salaries .....	\$22,869.70	
Supplies .....	793.25	
Printing .....	8,391.08	
Postage .....	1,600.60	
Telephone .....	565.63	
Express, freight and drayage .....	311.78	
Traveling expenses .....	2,986.86	
Advertising .....	32.95	
		<u>\$37,551.85</u>

## FORESTRY DIVISION

Salaries and labor .....	\$3,408.09	
Supplies .....	1,091.08	
Employee's expenses .....	1,781.64	
Repairs .....	5,431.13	
Improvements .....	1,087.01	
Insurance .....	564.65	
		<u>\$13,363.60</u>

## FIRE PROTECTION

Salaries .....	\$5,191.85	
Supplies .....	912.76	
Employee's expenses .....	3,780.34	
Advertising .....	50.49	
		<u>\$9,935.44</u>

## WARDEN DIVISION

Salaries .....	\$78,396.00	
Railroad fares .....	4,990.43	
Hotel expense .....	18,292.50	
Livery expense .....	12,020.93	
Other expense .....	3,577.56	
Telephone .....	299.50	
Auto supplies .....	3,284.13	
Auto repairs .....	273.71	
Provisions and supplies .....	1,792.18	
Gasoline and oil .....	1,141.44	
Boat supplies .....	475.37	
Boat repairs .....	214.41	
Insurance .....	223.26	
Repairs .....	331.00	
Improvements .....	4,092.31	
Launch hire .....	282.84	
Game farm .....	468.48	
Advertising .....	82.20	
		<u>\$130,238.25</u>

## FISHERIES DIVISION

Madison Hatchery .....	\$8,766.67	
Bayfield Hatchery .....	8,861.88	
Oshkosh Hatchery .....	529.37	
Minocqua Hatchery .....	2,826.73	
Delafield Hatchery .....	3,597.42	
Wild Rose Hatchery .....	6,095.44	
Sturgeon Bay Hatchery .....	2,889.81	
Sheboygan Hatchery .....	3,123.76	
Spooner Hatchery .....	492.03	
Eagle River Hatchery .....	373.12	
St. Croix Falls Hatchery .....	5,018.50	
Tenney Park Hatchery .....	187.16	
State Fair exhibit .....	186.88	
Distribution of fish .....	9,325.19	
Collecting lake trout eggs .....	666.68	
Collecting pike eggs .....	2,211.11	
Collecting pickerel eggs .....	77.54	
Survey of trout streams .....	281.25	
Collecting fish at Neenah dam .....	939.79	
		<u>\$56,450.33</u>

## GLEN PARK FUND

Balance on July 1, 1919 .....	\$63.46	
Disbursements .....		\$63.46
	<u>\$63.46</u>	<u>\$63.46</u>

## PLUM LAKE BRIDGE

Appropriation .....	\$3,000.00	
Disbursements .....		\$3,000.00
Balance .....		
	<u>\$3,000.00</u>	<u>\$3,000.00</u>

## WARNER ROAD

Appropriation .....	\$20,000.00	
Disbursements .....		\$8,929.06
Balance .....		11,070.94
	<u>\$20,000.00</u>	<u>\$20,000.00</u>

## GOVERNMENT REFORESTATION FUND

Balance on July 1, 1919 .....	\$2,860.76	
Receipts for year .....	2,423.04	
Disbursements .....		\$3,547.45
Balance .....		1,736.35
	<u>\$5,283.80</u>	<u>\$5,283.80</u>

## REST LAKE CABIN (INSURANCE)

Balance on July 1, 1919 .....	\$2,142.29	
Disbursements .....		\$1,695.19
Balance .....		447.10
	<u>\$2,142.29</u>	<u>\$2,142.29</u>

## ST. CROIX FALLS HATCHERY BUILDING

Appropriation available July 1, 1919 .....	\$7,500.00	
Appropriation available June, 1920 .....	17,500.00	
Disbursements .....		\$6,212.93
Balance .....		18,787.07
	<u>\$25,000.00</u>	<u>\$25,000.00</u>

## THE CONSERVATIONIST

Total receipts .....	\$4,131.95	
Disbursements .....		\$3,330.28
Balance .....		801.67
	<u>\$4,131.95</u>	<u>\$4,131.95</u>

## PARK PURCHASE FUND

Balance on July 1, 1919 .....	\$6,251.50	
Part of receipts of 1918-1919 and 1919-1920 diverted to General Fund by opinion of Attorney General.		
Balance July 1, 1920 .....		\$235.00

## PARK DIVISION

	1918-1919	1919-1920
Salaries .....	\$4,444.45	\$4,161.45
Supplies .....	837.05	570.92
Repairs .....	5,792.03	5,934.71
Improvements .....	622.43	2,602.96
Employee's expenses .....	229.23	380.88
Telephone .....	12.45	21.25
Insurance .....	539.58	664.46
	<u>\$12,477.22</u>	<u>\$14,336.64</u>

## STATE PARKS

Peninsula Park .....	\$5,267.71	\$4,993.22
Devil's Lake Park .....	4,108.58	5,224.87
Nelson Dewey Park .....	1,736.16	1,957.26
Inter-State Park .....	1,266.77	1,909.81
Brule Park .....	14.00	214.23
Pattison Park .....	.....	35.25
Perrot Park .....	.....	2.00
Cushing Park .....	84.00	.....
	<u>\$12,477.22</u>	<u>\$14,336.64</u>

## FISHERIES DIVISION

Salaries and labor .....	\$23,829.35	\$25,200.56
Fish food .....	5,026.80	4,949.43
Supplies .....	5,450.47	8,417.59
Telephone .....	321.14	408.33
Insurance .....	988.03	1,377.76
Repairs .....	5,058.37	5,516.28
Improvements .....	1,548.27	2,489.22
Drayage, freight, express .....	1,250.26	1,838.84
Employee's expenses .....	4,203.16	6,252.32
	<u>\$47,675.85</u>	<u>\$56,450.33</u>

## CLASSIFICATION OF RECEIPTS

July 1, 1918, to June 30, 1919

Nonresident Anglers' licenses .....	\$20,181.17
Lake Michigan, Superior and Green Bay licenses .....	6,689.00
Lake Pepin, St. Croix and Mississippi River licenses .....	2,387.75
Rough fish (Winnebago County waters) .....	1,349.65
Rough fish (other waters) .....	35,123.49
Resident hunting licenses .....	108,549.75
Nonresident hunting licenses .....	6,350.00
Duplicate licenses .....	151.80
Settlers' licenses .....	468.10
Confiscations .....	4,576.04
Wardens' fees .....	1,149.13
Set line licenses .....	1,279.45
White fish and Cisco licenses, registration fees, etc. ....	605.92
Concessions from park lands .....	1,872.85
Island leases and nursery stock .....	2,027.43
Resident trapping licenses .....	26,151.98
Nonresident clamming licenses .....	2,099.90
Guide licenses .....	427.00
Beaver trapping licenses .....	310.00
Deer tags .....	5,026.28
Fines imposed (credited to school fund) .....	33,956.00
Total .....	<u>\$260,732.69</u>

## CLASSIFICATION OF RECEIPTS

July 1, 1919 to June 30, 1920

Nonresident Anglers' licenses .....	\$42,098.53
Lake Michigan, Superior and Green Bay licenses .....	6,416.00
Lake Pepin, St. Croix and Mississippi River licenses .....	2,582.75
Rough fish (Winnebago County waters) .....	1,459.55
Rough fish (other waters) .....	28,653.27
Resident hunting licenses .....	145,956.00
Nonresident hunting licenses .....	13,850.00
Duplicate licenses .....	248.00
Settlers' licenses .....	943.00
Confiscations .....	7,372.31
Wardens' fees .....	1,289.77
Set line licenses .....	1,655.55
White fish and Cisco licenses, registration fees, etc. ....	950.25
Concessions from park lands .....	2,980.08
Island leases and nursery stock .....	2,440.83
Resident trapping licenses .....	30,879.70
Nonresident clamming licenses .....	500.00
Resident clamming licenses .....	2,632.00
Guide licenses .....	534.00
Beaver trapping licenses .....	725.00
Deer tags .....	7,050.40
Fines imposed (credited to school fund) .....	36,992.50
Total .....	<u>\$338,209.49</u>

## CLASSIFICATION OF CONFISCATION

	July 1, 1918, to July 1, 1919	July 1, 1919, to July 1, 1920
Doe carcasses .....	12	3
Venison in closed season .....	21	37
Venison without coupons attached .....	.....	5
Fawns .....	73	2
More than lawful amount of venison .....	.....	2
Deer carcass, struck by train .....	1	1
Dogs, running deer .....	4	7
Deer heads or hides .....	10	14
Small game unlawfully in possession .....	.....	1
Beaver hides .....	9	14
Otter hides .....	3	4
Swans .....	.....	2
Illegal furs .....	83	144
Wild ducks unlawfully in possession .....	3	3
Fish in closed season .....	6	2
Fish illegally transported .....	107	71
Sturgeon eggs .....	.....	1
Fish illegally caught .....	5	1
Fish undersized .....	1	4
Illegal nets .....	78	70
Set lines, illegal .....	6	5
Snag lines and fish traps .....	19	6
Automobiles .....	.....	1
Boats .....	13	20
Guns .....	90	99
Traps .....	13	12
Spears .....	4	5
Duck decoys .....	1	2
Mounted fawn .....	.....	1
Rabbits, ferrets and squirrels .....	10	68
Wild birds other than game birds .....	1	.....
Headlights, jacks, bicycle lights, etc. ....	14	8
Partridges .....	2	5
Bear skins .....	6	.....
Bears .....	3	1
Eagles .....	.....	1
Prairie chickens .....	.....	1
Total number of seizures .....	603	623
Amount realized from sale of confiscated goods .....	\$4,576.04	\$7,372.31



## ITEMIZED STATEMENT OF ARRESTS FROM JULY 1, 1918-19, AND JULY 1, 1919-20

	July 1, 1918, to July 1, 1919	July 1, 1919, to July 1, 1920
Resident hunting without a license.....	55	59
Nonresident hunting without a license.....	2	2
Hunting and killing of deer in closed season.....	36	52
Killing and having doe in possession.....	2	
Venison in possession in closed season.....	60	41
Buying and selling venison.....	14	17
Killing more than one deer.....	2	2
Hunting deer with dogs or having dogs in camp.....	9	20
Serving venison in camp to boarders.....	1	1
Dynamiting fish.....	16	7
Unlawful methods of fishing.....	80	49
Using fish trap.....	7	3
Catching and retaining undersized fish.....	17	22
Selling, catching and having game fish in possession in closed season.....	47	48
Catching game fish with a dip net.....	16	5
Shipping more than legal limit of fish.....	4	
Illegal transportation of game fish.....	10	12
Using snag lines.....	1	1
Unlawful fishing within 200 feet of a dam.....	11	7
Unlawful use of set lines.....	29	19
Unlawful use of nets and seines.....	24	50
Unlawful transportation of game.....	5	9
Hunting and killing game birds in closed season.....	23	56
Exceeding bag limit of game birds.....	3	1
Shooting ducks from motor boat.....	1	3
Shooting ducks in open water.....	8	27
Shooting waterfowl between sunset and sunrise.....	9	25
Buying and selling game birds.....		3
Killing harmless birds or disturbing birds' nests.....	9	5
Killing rabbits and squirrels in closed season.....	22	22
Hunting rabbits with a ferret.....	26	9
Trapping in closed season.....	37	57
Trapping without a license.....	29	22
Trapping beaver or having beaver skins in possession.....	8	15
Possessing otter or otter skins.....	6	4
Shooting and spearing of muskrats or mink.....	7	2
Molesting muskrat houses or trapping therein.....	8	10
Possessing green hides or furs in closed season.....	14	63
Killing raccoon in closed season.....	1	2
Interfering with conservation warden.....		1
Depositing deleterious substances in streams.....		5
Nonresident fishing without a license.....	16	31
Illegally carrying guns in vehicles.....	10	10
Exceeding bag limit of fish.....	1	4
Making false affidavit to obtain license.....	1	
Guiding without license.....		2
Killing bear in closed season.....	7	
Transferring license.....	3	
Having deer hide in red coat in possession.....	2	2
Alien procuring hunting license.....	2	
Shooting wood duck.....	3	2
Impersonating conservation warden.....	1	
Fishing in reserve waters.....	4	1
Killing fawn.....	2	1
Fishing in trout streams.....	13	
Hunting mink with dog.....	1	
Hunting on wild life refuge.....	1	2
Hunting on posted lands.....	5	
Placing out poison without notice.....	2	
Nonresident clamming without license.....	1	2
Resident clamming without license.....		6
Molesting raccoon dens.....	3	2
Shining deer.....	2	1
Shooting from auto.....		2
Shooting in state parks.....		2
Shooting grebe.....		1
Trapping ducks.....		2
Killing swan.....		3
Serving game birds.....		1
Total.....	739	835



## STATEMENTS OF ARRESTS BY WARDENS

Warden	P. O. address	1918-1919	1919-1920
		Arrests	Arrests
Edward Apel.....	Marion.....	10	4
M. L. Berschens.....	Madison.....	.....	3
I. H. Boomer.....	Oshkosh.....	.....	2
E. F. Bosworth.....	Merrill.....	20	7
John Cadrant.....	Green Bay.....	7	.....
J. B. Carter.....	Rice Lake.....	13	8
W. A. Cole.....	Vesper.....	9	12
D. M. Cranston.....	Green Bay.....	3	14
P. S. Curtis.....	Viroqua.....	4	9
Thomas Devine.....	Spooner.....	11	6
Peter Diedrich.....	Milwaukee.....	.....	5
F. A. Dockham.....	Baraboo.....	30	18
John Egan.....	Manitowoc.....	1	14
Edward Fess.....	Madison.....	42	30
F. W. Fisher.....	Oconto Falls.....	14	.....
J. W. Foster.....	Wausau.....	20	7
John B. Fosnot.....	Tomahawk.....	8	25
E. W. Gautsch.....	La Crosse.....	6	7
W. T. Grey.....	Ashland.....	24	12
H. C. Gruebner.....	Sheboygan.....	17	25
S. J. Gwidt.....	Rhineland.....	17	40
A. W. Hall.....	Darlington.....	13	22
Geo. F. Hall.....	Rubicon.....	4	12
A. A. Holmes.....	Trempealeau.....	2	2
G. F. Hull.....	Wittenberg.....	.....	3
K. C. Jakoubek.....	Phillips.....	7	16
Louis Jeske.....	Sturgeon Bay.....	19	10
J. G. Keeler.....	Bagley.....	7	6
J. V. Kelsey.....	Stevens Point.....	14	13
W. A. Keys.....	Princeton.....	12	9
Mike Kleist.....	Yedford.....	8	14
B. P. Lanning.....	Black River Falls.....	17	7
Albert Lee.....	Luck.....	17	13
C. S. Little.....	Stanley.....	5	7
W. P. Mason.....	Janesville.....	13	17
H. W. MacKenzie.....	Antigo.....	52	55
G. A. Miller.....	Boscobel.....	6	.....
Jas. McNaughton.....	Superior.....	9	20
H. J. Oberholtzer.....	Eagle River.....	35	27
W. D. Pooler.....	Gordon.....	5	5
A. W. Powell.....	Bayfield.....	7	9
John Pugh.....	Racine.....	2	1
Valentine Raeth.....	Milwaukee.....	8	7
F. D. Randall.....	Waupaca.....	12	11
S. P. Richtman.....	Fountain City.....	4	4
Frank Russell.....	Park Falls.....	7	14
Andrew Sampson.....	Stoughton.....	14	17
Denton Smith.....	Marinette.....	29	16
L. M. Soule.....	Ladysmith.....	16	7
M. F. Swant.....	Menomonie.....	12	2
M. C. Thorne.....	Wausau.....	2	.....
H. C. Tiedemann.....	Thorp.....	9	9
E. M. Tuttle.....	Oconomowoc.....	13	41
J. D. Worden.....	Plainfield.....	5	13
W. W. Wisner.....	Drummond.....	.....	10
W. P. Elliott.....	Whitewater.....	20	27
G. O. Hulbert.....	Barron.....	10	25
A. R. Brunet.....	Fond du Lac.....	12	28
W. P. Clawson.....	Three Lakes.....	.....	1
Barney Devine.....	Wausau.....	4	4
Earl Hilliker.....	Tunnel City.....	4	8
Ralph Hood.....	Lone Rock.....	.....	9
Frank Hornberg.....	Stevens Point.....	.....	1
C. C. Cowles.....	Shawano.....	.....	12
Arthur Tic.....	Shawano.....	2	4
John Howland.....	.....	3	.....
Wm. Barhart.....	.....	1	.....
A. L. Fletcher.....	.....	1	.....

## STATEMENTS OF ARRESTS BY WARDENS—

Continued.

Warden	P. O. address	1918-1919	1919-1920
		Arrests	Arrests
E. M. Weaver.....	Woodruff.....	4	8
Ira G. Smith.....	Green Bay.....	2	4
Frank J. Long.....	Sayner.....	1	9
Lloyd D. Mitchell.....	Ripon.....	9	9
John A. Hill.....	Ripon.....	1	.....
W. T. Sparks.....	Lodi.....	.....	3
Hans Hendrickson.....	Two Rivers.....	10	12
K. T. Knudtson.....	Poynette.....	.....	1
R. Roberts.....	.....	1	.....
S. M. Bailey.....	.....	4	.....
Mrs. W. T. Grey.....	Ashland.....	1	4
Mrs. D. H. Smith.....	Marinette.....	1	.....
J. B. Farnsworth.....	.....	4	.....
Aug. Gutknecht.....	.....	1	.....
Frank Kaiser.....	.....	3	.....
Riley Husier.....	.....	1	.....
William Decker.....	.....	.....	4
Herman Schwarge.....	.....	.....	1
John B. Larson.....	.....	2	1
Total.....	.....	739	835

## INVENTORIES

	June 30, 1919	June 30, 1920
Land and land improvements.....	\$447,564.00	\$490,000.00
Structures and attached fixtures.....	138,070.50	155,374.00
Machinery and equipment.....	59,650.00	62,371.80
Furniture and furnishings.....	2,500.00	3,800.00
Tools and sundry equipment.....	2,535.00	3,000.00
Live stock.....	375.00	800.00
Materials and supplies.....	1,270.00	1,800.00
Totals.....	\$651,964.50	\$717,145.80

## ACREAGE OF STATE LANDS UNDER CONTROL OF COMMISSION

Eleven Hatcheries.....	935.77
Devil's Lake Park.....	1,113.20
Nelson Dewey Park.....	1,651.00
Peninsula Park.....	3,190.00
Inter-State Park.....	580.00
Pattison Park.....	680.00
Perrot Park.....	910.00
Brule Park.....	4,221.70
Cushing Memorial Park.....	8.00
State Game Farm.....	700.00
Forest County Game Refuge.....	18,000.00
Idlewild Game Refuge.....	1,100.00
Government Reforestation Grant.....	14,027.43
*Acreage Purchased by Forestry Board.....	150,003.55
Government Grant of Unsurveyed Islands.....	875.14
Total acreage.....	206,995.79

\*Jointly with Land Commissioners.

AMOUNT OF FINES AND COSTS IMPOSED ACCORDING TO COUNTIES, FROM  
JULY 1, 1918, TO JULY 1, 1919

	Fines	Costs		Fines	Costs
Adams .....	\$310.00	\$20.02	Marinette .....	\$700.00	\$147.45
Ashland .....	800.00	91.39	Marquette .....	50.00	1.30
Barron .....	570.00	27.95	Milwaukee .....	460.00	78.18
Bayfield .....	500.00	29.01	Monroe .....	200.00	13.82
Brown .....	750.00	90.45	Oconto .....	250.00	23.60
Buffalo .....	25.00	1.00	Oneida .....	1,320.00	238.19
Burnett .....	100.00	14.35	Outagamie .....	210.00	22.20
Calumet .....			Ozaukee .....	450.00	82.80
Chippewa .....	50.00	11.00	Pepin .....		
Clark .....	505.00	148.06	Pierce .....	150.00	2.25
Columbia .....	50.00	3.70	Polk .....	500.00	41.14
Crawford .....	150.00	33.67	Portage .....	1,050.00	135.94
Dane .....	2,850.00	221.28	Price .....	550.00	45.00
Dodge .....	150.00	26.70	Racine .....	200.00	17.05
Door .....	1,335.00	147.25	Richland .....	100.00	18.65
Douglas .....	510.00	10.98	Rock .....	500.00	27.40
Dunn .....	100.00	9.70	Rusk .....	950.00	28.16
Eau Claire .....	100.00	23.70	St. Croix .....	500.00	12.50
Florence .....	210.00	11.00	Sauk .....	700.00	132.43
Fond du Lac .....	750.00	202.73	Sawyer .....	800.00	34.75
Forest .....	625.00	115.60	Shawano .....	805.00	58.43
Grant .....	250.00	9.15	Sheboygan .....	505.00	110.07
Green .....			Taylor .....	250.00	16.60
Green Lake .....	600.00	95.16	Trempealeau .....	100.00	5.75
Iowa .....	150.00	20.50	Vernon .....	350.00	32.26
Iron .....	841.00	61.54	Vilas .....	1,350.00	143.85
Jackson .....	50.00	50.00	Walworth .....	1,060.00	130.36
Jefferson .....	460.00	39.80	Washburn .....	350.00	21.27
Juneau .....	350.00	139.38	Washington .....	50.00	10.66
Kenosha .....	50.00	8.42	Waukesha .....	450.00	29.42
Kewaunee .....			Waupaca .....	800.00	92.51
La Crosse .....	250.00	25.86	Waushara .....	100.00	10.00
Lafayette .....	450.00	27.00	Winnebago .....	550.00	63.76
Langlade .....	1,235.00	168.24	Wood .....	175.00	24.92
Lincoln .....	1,065.00	190.03			
Manitowoc .....	350.00	6.98			
Marathon .....	850.00	172.26			
			Total .....	\$33,956.00	\$4,116.62
			Total amount of wardens' fees collected .....		\$1,149.13

AMOUNT OF FINES AND COSTS IMPOSED ACCORDING TO COUNTIES FROM  
JULY 1, 1919, TO JULY 1, 1920

	Fines	Costs		Fines	Costs
Adams .....	\$150.00	\$7.50	Marquette .....		
Ashland .....	665.00	20.25	Milwaukee .....	50.00	48.46
Barron .....	1,850.00	112.99	Monroe .....	100.00	11.15
Bayfield .....	1,180.00	111.47	Oconto .....	975.00	127.54
Brown .....	600.00	141.45	Oneida .....	1,542.50	240.90
Buffalo .....	50.00	3.00	Outagamie .....	50.00	6.70
Burnett .....	50.00	11.07	Ozaukee .....	350.00	81.01
Calumet .....	75.00	8.80	Pepin .....	50.00	2.00
Chippewa .....	200.00	61.00	Pierce .....	50.00	11.48
Clark .....	400.00	38.46	Polk .....	350.00	48.38
Columbia .....	300.00	19.45	Portage .....	830.00	209.50
Crawford .....	450.00	32.90	Price .....	1,100.00	118.20
Dane .....	1,300.00	220.88	Racine .....	310.00	77.74
Dodge .....	750.00	44.35	Richland .....	200.00	13.70
Door .....	250.00	43.45	Rock .....	760.00	62.72
Douglas .....	1,065.00	30.28	Rusk .....	500.00	41.77
Dunn .....			St. Croix .....		6.85
Eau Claire .....			Sauk .....	700.00	236.37
Florence .....	210.00	18.20	Sawyer .....	350.00	50.70
Fond du Lac .....	1,610.00	368.20	Shawano .....	900.00	128.06
Forest .....	200.00	26.73	Sheboygan .....	455.00	52.58
Grant .....	700.00	78.10	Taylor .....	700.00	53.75
Green .....	700.00	87.75	Trempealeau .....	255.00	17.75
Green Lake .....	110.00	7.72	Vernon .....	300.00	22.97
Iowa .....	100.00	9.75	Vilas .....	1,135.00	132.04
Iron .....	750.00	119.33	Walworth .....	1,150.00	148.36
Jackson .....	150.00	10.10	Washburn .....	250.00	14.50
Jefferson .....	600.00	53.44	Washington .....	100.00	8.99
Juneau .....	220.00	99.08	Waukesha .....	1,600.00	99.64
Kenosha .....	250.00	23.10	Waupaca .....	865.00	302.53
Kewaunee .....	350.00	21.74	Waushara .....	255.00	16.64
La Crosse .....	300.00	37.46	Winnebago .....	770.00	38.79
Lafayette .....	300.00	15.00	Wood .....	605.00	109.04
Langlade .....	1,575.00	212.00			
Lincoln .....	800.00	279.59	Total .....	\$36,992.50	\$5,052.74
Manitowoc .....	550.00	51.76	Total amount of wardens' fees collected .....		\$1,289.77
Marathon .....	375.00	46.90			
Marinette .....	200.00	38.70			

## SHIPMENTS OF TREES FROM STATE NURSERY

1919

	Planted on state lands	Planted on private lands
White Pine .....	121,600	63,296
Norway Pine .....	181,500	84,421
Scotch Pine .....	7,900	10,355
Douglas Fir .....		8,600
Norway Spruce .....		28,924
Red Oak .....		250
Miscellaneous .....		2,650
	311,000	198,496

1920

White Pine .....	75,675	63,243
Norway Pine .....	37,300	26,643
Norway Spruce .....	800	43,778
Scotch Pine .....		13,978
European Larch .....		5,578
Colorado Blue Spruce .....	250	26,978
White Spruce .....		25,393
Miscellaneous .....		1,081
	114,025	206,622

1919  
DISTRIBUTION BY COUNTIES

	Brook Trout Fry	Rainbow Trout Fry	Brown Trout Fry	Brook Trout Fingerling	Rainbow Trout Fingerling	Brown Trout Fingerling	Wall Eyed Pike Fry	Black Bass Fry	Black Bass Fingerling	White Bass Fingerling
Adams.....	28,000						834,000		6,000	
Ashland.....	88,000			400	3,600					
Barron.....	8,000	54,000	28,000	1,200		2,000	4,185,000		1,000	
Bayfield.....	340,000	286,400	20,000		1,600		3,610,000	10,000	500	
Brown.....	16,000	10,500								
Buffalo.....	32,000	9,000	12,000							
Burnett.....							620,000			
Calumet.....	8,000	7,200					450,000			
Chippewa.....	60,000						2,559,000			
Clark.....	62,000						330,000			
Columbia.....	44,000	19,500					2,700,000		4,000	1,000
Crawford.....		10,800	12,000							
Dane.....	198,000	73,800					11,880,000			1,000
Dodge.....							2,500,000			2,000
Door.....							300,000			1,000
Douglas.....	144,000	106,200	52,000				3,224,000	30,000	1,000	
Dunn.....	30,000	27,000	62,000				1,350,000			
Eau Claire.....	56,000	40,500					155,000			
Florence.....	12,000	61,000		2,000			1,860,000	17,000		
Fond du Lac.....		18,000	58,000				1,230,000		6,000	2,000
Forest.....	52,000	52,200					972,000	4,000		
Grant.....	24,000	100,800	16,000							
Green.....	8,000	14,400								
Green Lake.....			26,000				150,000			1,000
Iowa.....	36,000	9,000								1,000
Iron.....	16,000						3,264,000	13,000		
Jackson.....	56,000	52,200		4,000					500	1,000
Jefferson.....	12,000						3,900,000		12,000	5,500
Juneau.....	24,000	19,800					1,000,000		6,000	
Kenosha.....							1,220,000		8,000	3,000
Kewaunee.....	34,000	15,000								
La Crosse.....	82,000									
Lafayette.....	4,000						400,000			
Langlade.....	130,000	64,500		2,000			1,326,000	22,000		1,000
Lincoln.....	76,000	3,000					1,632,000	10,000		



Manitowoc.....		41,700				1,020,000	10,000		1,000	
Marathon.....	152,000	28,500			4,000	2,550,000				
Marquette.....	140,000	231,000		2,000	4,000	1,700,000			1,000	
Marquette.....	28,000	28,800						8,000	1,000	
Milwaukee.....									1,000	
Monroe.....	92,000	46,800	12,000					4,000		
Oconto.....	36,000	15,000				714,000				
Oneida.....	90,000	72,500		2,000		13,134,000	44,000		3,000	
Outagamie.....		15,000								
Ozaukee.....						300,000				
Pepin.....			20,000							
Pierce.....		51,000	122,000							
Polk.....	5,000	12,600	66,000			2,480,000			1,000	
Portage.....	24,000	18,000	20,000			1,308,000			2,000	
Price.....	60,000	18,000			2,000	1,470,000				
Racine.....						2,000,000		6,000	4,000	
Richland.....		57,600	36,000							
Rock.....						1,000,000				
Rusk.....	26,000	4,500	24,000			600,000			1,000	
St. Croix.....	32,000	71,700	34,000	2,800		1,602,000				
Sauk.....	22,000	41,400	16,000			990,000		1,000	2,000	
Sawyer.....	38,000	51,000	8,000			3,514,000	16,000		2,000	
Shawano.....	136,000	60,000				1,428,000	4,000		1,000	
Sheboygan.....		24,900				1,100,000			1,000	
Taylor.....	26,000					1,200,000				
Trempealeau.....	136,000	100,800		3,200				2,500		
Vernon.....	44,000	64,800	32,000							
Vilas.....	50,000	40,500				18,324,000	63,000			
Walworth.....	52,000					3,340,000		26,000	9,500	
Washburn.....	62,000	46,800				7,191,000	12,000	500		
Washington.....		9,000				2,290,000		14,000	5,000	
Waukesha.....	36,000					13,000,000		60,000	9,000	
Waupaca.....	62,000	73,500				1,320,000			1,000	
Wausara.....	94,000	276,900	90,000		1,500	1,380,000			2,000	
Winnebago.....						2,520,000			48,260	
Wood.....	12,000	21,000	30,000			714,000				
Total.....	3,135,000	2,569,100	842,000	21,200	13,200	9,500	139,840,000	255,000	167,000	115,260



## DISTRIBUTION BY SPECIES

1919

Brook trout fry .....	3,135,000
Rainbow trout fry .....	2,569,100
Brown trout fry .....	842,000
Brown trout fingerling .....	21,200
Rainbow trout fingerling .....	9,500
Brown trout fingerling .....	13,200
Wall-eyed pike fry .....	139,840,000
Black bass fry .....	255,000
Black bass fingerling .....	167,000
White bass fingerling .....	115,260
Lake trout fry .....	15,912,000
Pickeral fry .....	2,380,000
Muskellunge fry .....	400,000
Roach fingerling .....	5,000
Whitefish fry .....	7,500,000
Perch fingerling .....	3,000
Miscellaneous .....	2,553
	<hr/>
	173,169,813

## DISTRIBUTION BY HATCHERIES

<b>Madison Hatchery</b>		
Brook trout, advanced fry .....	1,402,000	
Rainbow trout, advanced fry .....	867,600	
Furnished for state aquarium .....	140	
		2,269,740
<b>Bayfield Hatchery</b>		
Brook trout, advanced fry .....	1,698,000	
Rainbow trout, advanced fry .....	659,000	
Brook trout fingerling .....	21,200	
Rainbow trout fingerling .....	13,200	
Brown trout, advanced fry .....	302,000	
Lake trout fry .....	3,660,000	
		6,453,400
<b>Oshkosh Hatchery</b>		
Wall-eyed pike fry .....		15,300,000
<b>Minocqua Hatchery</b>		
Wall-eyed pike fry .....	33,660,000	
Black bass fry .....	255,000	
Pickrel fry .....	220,000	
Muskellunge fry .....	400,000	
Bullheads .....	46	
		34,535,046
<b>Delafield Hatchery</b>		
Wall-eyed pike fry .....	32,400,000	
Black bass fingerling .....	160,000	
Black bass yearling .....	586	
Black bass adult .....	34	
Roach fingerling .....	5,000	
To state fair aquarium .....	1,489	
<b>Wild Rose Hatchery</b>		
Brook trout, advanced fry .....	30,000	
Rainbow trout, advanced fry .....	1,042,500	
Brown trout, advanced fry .....	270,000	
To state fair aquarium .....	29	
		1,342,529
<b>Spooner Hatchery</b>		
Wall-eyed pike fry .....		27,000,000
<b>Eagle River Hatchery</b>		
Wall-eyed pike fry .....		14,400,000
<b>Tenney Park Hatchery</b>		
Wall-eyed pike fry .....	17,080,000	
Pickrel fry .....	2,160,000	
		19,240,000
<b>Sheboygan Hatchery</b>		
Lake trout fry .....	7,242,000	
Whitefish fry .....	7,500,000	
		14,742,000
<b>Sturgeon Bay Hatchery</b>		
Lake trout fry .....		5,010,000
<b>St. Croix Falls Hatchery</b>		
Brook trout fry .....	5,000	
Brown trout fry .....	170,000	
Brown trout fingerling .....	9,500	
		184,500
<b>Neenah Station</b>		
White bass fingerling .....	115,260	
Perch fingerling .....	3,000	
		118,260
<b>Mississippi River</b>		
Black bass fingerling .....		7,000
<b>State Fair Exhibit</b>		
Lake trout from Oostburg .....	12	
Whitefish from Whitefish Bay, Door County .....	9	
Pickrel from Sturgeon Bay .....	8	
Pike, catfish, carp, dogfish .....	200	
		229
Total .....		173,169,813
This does not include wall-eyed pike eggs planted in Lake Winnebago on the verge of hatching .....		17,100,000

## DISTRIBUTION BY COUNTIES

1920

County	Brook Trout Fry	Brook Trout Fingerling	Brown Trout Fry	Brown Trout Fingerling	Rainbow Trout Fry	Wall-eyed Pike Fry	Black Bass Fry	Black Bass Fingerling
Adams.....	30,600				17,600			
Ashland.....	41,400				77,000	1,104,000		
Barron.....	82,800	26,000			67,200	3,744,000		
Bayfield.....	479,400		81,000		69,200	3,222,000		
Brown.....	10,800				4,200			
Buffalo.....			14,400	15,000				
Burnett.....		4,500				1,836,000		
Calumet.....								
Chippewa.....	59,400				29,800	1,196,000		
Clark.....	25,200			13,500	19,600	230,000		
Columbia.....	65,400				115,200	1,900,000		42,000
Crawford.....			7,200		24,000			
Dane.....	86,300		18,000		59,200	8,840,000		8,000
Dodge.....						1,884,000		24,000
Door.....	14,400		3,600			460,000		
Douglas.....	5,400	21,600	136,800		21,600	3,024,000		
Dunn.....	21,600	36,500	30,600		78,400	2,040,000		
Eau Claire.....		66,000			85,600	552,000		
Florence.....			18,000		8,000	1,932,000		
Fond du Lac.....	39,600				25,200	1,564,000		12,000
Forest.....	54,000	6,000			87,600	138,000		
Grant.....	15,000				67,200			12,000
Green.....	16,000				17,600	200,000		
Green Lake.....	24,400	4,500				1,472,000		10,000
Iowa.....	29,700				41,600			18,000
Iron.....	66,600					5,246,000	26,000	
Jackson.....	59,400	63,000		39,000	103,600	240,000		
Jefferson.....	12,000	9,000			14,400	1,450,000		26,000
Juneau.....		21,000	36,000		88,000	1,140,000		6,000
Kenosha.....						2,010,000		40,000
Kewaunee.....	18,000				14,000			
La Crosse.....		49,500			12,800			
Lafayette.....						400,000		10,000
Langlade.....	18,000	29,000			72,800	3,696,000	12,000	
Lincoln.....	32,400				16,800	2,064,000	12,000	
Manitowoc.....	25,200				36,400	688,000		12,000
Marathon.....	111,600				49,000	2,150,000	22,000	
Marquette.....			140,400		294,000	1,500,000		
Marquette.....	21,000	15,000			22,400			
Milwaukee.....						700,000		14,000
Monroe.....	61,200		18,000		94,400			
Oconto.....	18,000	14,000	7,200		46,600	782,000	124,000	
Oneida.....	39,600	37,500			105,600	17,609,000		
Outagamie.....								
Ozaukee.....								2,000
Pepin.....			5,400		16,000			
Pierce.....			75,600		50,000			
Polk.....	41,400	33,000			33,600	3,436,000		
Portage.....	28,800	15,000			11,200	2,208,000		8,000
Price.....		6,000	39,600		33,600	4,272,000		

## DISTRIBUTION BY COUNTIES.—Continued.

1920

County	Brook Trout Fry	Brook Trout Fingerling	Brown Trout Fry	Brown Trout Fingerling	Rainbow Trout Fry	Wall-eyed Pike Fry	Black Bass Fry	Black Bass Fingerling
Racine.....						1,400,000		47,000
Richland.....			54,000	9,000	32,000			
Rock.....					9,600	960,000		20,000
Rusk.....	46,800				35,600	1,032,000		
St. Croix.....	36,000	50,000	10,800	24,000	111,000	1,834,000		
Sauk.....	9,000	15,000	18,000	6,000	36,800	1,600,000		8,000
Sawyer.....	54,000		21,600		48,400	3,576,000		
Shawano.....	81,000	57,000			160,000	2,884,000	6,000	
Sheboygan.....	10,800				19,600	2,300,000		30,000
Taylor.....	18,000				16,800	1,932,000		
Trempealeau.....	68,400	21,000		24,000	126,400			
Vernon.....			46,800	9,000	86,400			
Vilas.....					151,200	16,577,000	152,000	
Walworth.....	9,000					1,868,000		68,000
Washburn.....	36,600	9,000	18,000		68,400	7,282,000		
Washington.....		4,500				2,576,000		24,000
Waukesha.....	51,000				44,800	7,718,000		440,000
Waupaca.....	39,600	18,000			75,600	2,184,000	6,000	14,000
Wauwata.....	69,600	30,000		22,500	470,400	1,452,000		10,000
Winnebago.....						9,638,000		
Wood.....		12,000			78,400	258,000	8,000	
Total .....	2,158,200	653,000	801,000	162,000	3,600,800	152,000,000	368,000	905,000

## DISTRIBUTION BY SPECIES

1920

Brook trout fry .....	2,158,200
Brook trout fingerling .....	653,000
Brown trout fry .....	801,000
Brown trout fingerling .....	162,000
Rainbow trout fry .....	3,600,800
Wall-eyed pike fry .....	152,000,000
Wall-eyed pike eyed eggs .....	9,000,000
Black bass fry .....	368,000
Black bass fingerling .....	905,000
Lake trout fry .....	20,038,500
White fish fry .....	7,875,500
Pickrel fry .....	56,000
Muskellunge fry .....	320,000
Silver trout fry .....	397,500
Salmon trout fry .....	61,200
Miscellaneous .....	3,000

## DISTRIBUTION BY HATCHERIES

<b>Madison Hatchery</b>		
Brook trout fry .....	228,000	
Rainbow trout fry .....	1,622,400	
		1,850,400
<b>Bayfield Hatchery</b>		
Brook trout fry .....	1,503,200	
Brown trout fry .....	563,400	
Rainbow trout fry .....	418,400	
Lake trout fry .....	5,596,500	
Silver trout .....	397,500	
Salmon trout .....	61,200	
		8,040,200
<b>Oshkosh Hatchery</b>		
Wall-eyed pike fry .....	38,250,000	
Wall-eyed pike eyed eggs .....	9,000,000	
		47,250,000
<b>Minocqua Hatchery</b>		
Wall-eyed pike fry .....	36,000,000	
Bass fry .....	368,000	
Pickrel fry .....	56,000	
Muskellunge fry .....	320,000	
		36,744,000
<b>Deltafield Hatchery</b>		
Wall-eyed pike fry .....	21,500,000	
Bass fingerling .....	905,000	
		22,405,000
<b>Wild Rose Hatchery</b>		
Rainbow trout fry .....		1,560,000
<b>Spooner Hatchery</b>		
Wall-eyed pike fry .....		24,750,000
<b>Eagle River Hatchery</b>		
Wall-eyed pike fry .....		15,300,000
<b>Tenney Park Hatchery</b>		
Wall-eyed pike fry .....		16,200,000
<b>Sturgeon Bay Hatchery</b>		
Lake trout fry .....		7,200,000
<b>Sheboygan Hatchery</b>		
Lake trout fry .....	7,242,000	
Whitefish fry .....	7,873,500	
		15,117,500
<b>St. Croix Falls Hatchery</b>		
Brook trout fry .....	927,000	
Brook trout fingerling .....	653,000	
Brown trout fry .....	237,600	
Brown trout fingerling .....	162,000	
		1,979,600
Miscellaneous .....		3,000
		198,399,700

