

Iowa's New Fish Car, Hawkeye No. 2.

TWENTY-FIRST BIENNIAL REPORT

OF THE

STATE FISH AND GAME WARDEN

TO THE

GOVERNOR OF THE STATE OF IOWA

1913-1914

E. C. HINSHAW, WARDEN.

Printed By Authority of the General Assembly

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LETTER OF TRANSMITTAL.

To His Excellency, Geo. W. Clarke, Governor of the State of Iowa:

DEAR SIR—In conformity with Section 2539, Code of Iowa, I herewith submit the Twenty-first Biennial Report of the Department of Fish and Game, covering the period from July 1, 1912, to July 1, 1914.

Respectfully submitted,

E. C. HINSHAW,
State Fish and Game Warden.

REPORT

The success obtained by this department is due in no small amount to the hearty co-operation of the clean, law-abiding sportsmen, and to them we are indebted more than to all other influences combined.

The history of the world shows that no effective legislation was ever enacted and enforced, for the protection of wild life, unless it was fathered and backed by the law abiding sportsmen, and we venture to say the same will be true to the end of the world.

We are also especially indebted to the present Executive Council, who have taken the stand that the hunting license money belongs to the sportsmen, and they should dictate how and for what it should be used. They have rendered this department every possible assistance, and we are truly indebted to them for their courteous treatment.

To the large number of Deputy Wardens who have worked earnestly and honestly for the protection of the fish and game, and who have made sacrifices in business and the loss of friends, to further the interests for which they were working, we are indebted. After a hard fight in the Thirty-fifth General Assembly, a bill was passed providing for three assistants at a salary of \$1,200 each, per year. The wisdom of paying sufficient salaries has been fully demonstrated, and the next legislature should provide for not less than eight assistants at \$1200 per year. No money has been spent through the fish and game department, which has brought as large returns as that spent for the three assistant wardens, and to their devoted effort, in a large measure, is the success of this department due.

The county attorneys and justices of the peace who have handled the prosecutions brought by this department, are entitled to commendation by us and the public, for the efficient manner in which they have handled their cases. In practically every instance, they have acted with a true spirit of fairness, to all persons concerned.

To the press in general we are indebted, for assistance in publishing the laws and keeping before the public the importance of the protection of our wild life. While there has been some criti-

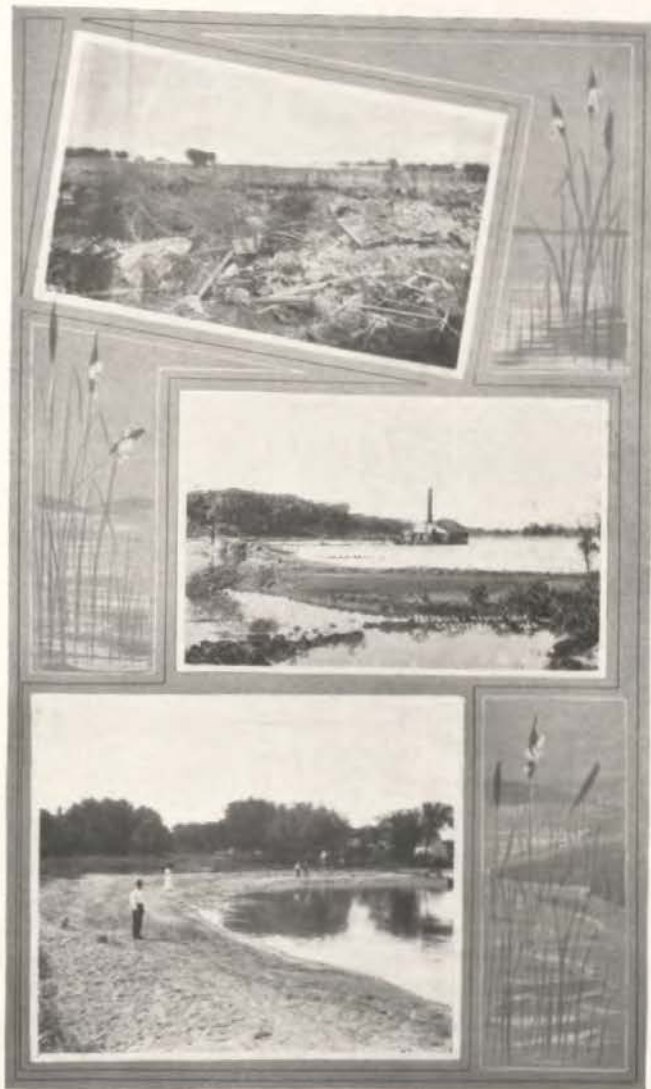
cism, which was not warranted by facts, it was printed in good faith, although the information came from unreliable sources, official titles or prominent position giving it weight, in no case has it been repeated, where the facts were presented.

To the farmers and land owners, who have so willingly leased their land to the state for game refuges, and rendered splendid assistance in the protection of pheasants and partridges, we wish to express our appreciation. The reserve system in Iowa is a success and we believe the present system is the only one that can be worked out. If Iowa had large tracts of wild lands as some adjoining states have, we believe game refuges could be established thereon and better results obtained; but, we have no lands for the purpose, and must content ourselves with what we have.

IOWA LAKES.

The drainage and reclaiming of the swamp lands of Iowa for the last few years, has been carried on at a rapid rate, and with this work considerable agitation has arisen over the draining of a number of meandered lakes belonging to the state, the claim being made in each case, that these small lakes are detrimental to health, breeders of mosquitoes and blackbirds, that they are of no value to the community. Consent has been granted to drain some lakes. The Executive Council have given their consent after the proper hearing, but usually only one side appeared (that for the drainage), and naturally the Council formed the conclusion that no one was interested in preserving that particular lake, or they would appear and oppose its drainage. After the order to drain has been issued the opposition usually get busy and show their side of the case, which is usually after a large amount of expense has been incurred and the drainage district established.

In no case where the proper showing has been made, has the present Executive Council authorized the drainage of any lake. Public sentiment is strong for the preservation of all lakes in Iowa. Plans are under way for the improvement of every lake in the state by the Fish and Game Commission. Arrangements are complete to employ an expert engineer, to take charge of this work, who will begin work in the spring. A dredging machine will be purchased for the purpose of deepening the shallow lakes, dams builded to hold a sufficient amount of water to make them permanent for both fish and game. It does not matter how much of a slough it might



Medium Lake improvement, by Medium Lake Improvement Co., Emmetsburg, assisted by the state. Upper picture shows south end of lake before improvement started. Middle picture shows same view while dredging machine is at work. Lower picture shows same view after work is practically completed. The enterprising citizens of Emmetsburg started this work and have paid most of the expense.

be, it can be made a beauty spot and invaluable as a place of recreation for the public. More pounds of fish can be raised in an acre of water than it is possible to raise pounds of beef on the same land after it is drained. Then WHY drain any more lakes, regardless of their present condition, when they can be improved for less money than it costs to drain them?

NUMBER OF GAME BIRDS DISTRIBUTED DURING YEAR
ENDING JULY 1, 1914:

Hungarian Partridges	5450
Ringneck Pheasants	1088

These birds were principally placed on land leased by the state as game reserves, and where no hunting is allowed.

MISCELLANEOUS COLLECTIONS.

April 1, 1913—July 1, 1914.

Date		Amount
1913		
April 2.....	John Hall, 1 boat.....	\$ 6.00
July 9.....	By O'Brine, 1 reel and pole.....	.25
Aug. 6.....	By O'Brine, 1 fish and pole.....	1.20
Oct. 14.....	Fish seized from Lizard lake.....	2.00
Oct. 15.....	Sale of stove from old fish car.....	5.00
Oct. 23.....	Sale of old fish car.....	300.00
Nov. 10.....	Sale of eggs to Young & Co.....	4.05
Dec. 23.....	Refund on tickets.....	12.44
1914		
Jan. 1.....	Sale of eggs from game farm.....	8.11
Feb. 15.....	Fish sold by O'Brine.....	.40
Feb. 15.....	Eggs sold at game farm.....	10.26
April 3.....	Eggs sold at game farm.....	12.00
April 10.....	Eggs sold at game farm.....	10.10

CERTIFICATES FOR COLLECTIONS OF BIRDS FOR TAXIDERMIST.
April 1, 1913—June 30, 1914.

Date			Amount
1913			
May 27	Michael Grimm,	No. 16	1.00
July 5	Prof. S. C. Stevens,	No. 17	1.00
Oct. 15	James Ward,	No. 18	1.00
1914			
Jan. 13	Ira N. Gabrielson,	No. 19	1.00
Jan. 13	R. E. Harbert,	No. 20	1.00
Jan. 13	W. F. Kubisek,	No. 21	1.00
Jan. 16	D. H. Luckenbill,	No. 22	1.00
Jan. 31	F. A. Stoner,	No. 23	1.00
Feb. 24	Prof. Joseph Steppan,	No. 24	1.00
Feb. 24	Fred Benninghausen,	No. 25	1.00
Feb. 24	Jos. Weidman,	No. 26	1.00
Feb. 24	Michael Grimm,	No. 27	1.00
March 3	Earl J. Willis,	No. 28	1.00
March 3	Sam F. Folt,	No. 29	1.00
March 9	James Ward,	No. 30	1.00
March 12	Ralph G. Kline,	No. 31	1.00
March 12	Wesley Kubisek,	No. 32	1.00
March 22	H. Bailey,	No. 33	1.00
March 23	A. J. Anderson,	No. 34	1.00
April 1	L. B. Carlisle,	No. 35	1.00
April 1	L. A. Tape,	No. 36	1.00
April 10	Dr. C. E. Golby,	No. 37	1.00
April 13	Geo. H. Berry,	No. 38	1.00
April 25	W. M. Rasm,	No. 39	1.00

PROPOSED LEGISLATION.

The fish law should be amended to make it a misdemeanor for any person to have a seine or other device for taking fish (the use of which would be illegal) in their possession.

This department should have the right to seize and hold or destroy all such devices found anywhere in the state, and the parties, in whose possession it was found, should be made guilty of a misdemeanor punishable by fine.

No pike, pickerel, black bass or catfish should be taken less than twelve inches long. No croppie or silver bass less than eight inches long, and no sunfish less than six inches long.

Deputies should have the right to search any buggy, auto, boat, or other conveyance, for fish or game illegally killed. Also the game pockets of any coat or bag or other personal effects used by the hunter or fisherman.

All property seized should be sold to the highest bidder and the proceeds placed in the Fish and Game Protection Fund.

The bag limit on black bass, pike and pickerel, should be reduced to twelve fish of either or all kinds.

The law should provide for the taking of carp, buffalo, sucker, and other non-game fish by the Commission, and sold to the people at a small price, the money to go to the Fish and Game Protection Fund to defray the expense of such work.

The bag limit on quail and prairie chicken should be reduced to twelve or fifteen per day, and not to exceed double one day's bag limit in possession.

The law should make it the duty of the fish and game commission to arrest and prosecute any person who destroys any crops, injures or kills any stock or poultry, tears down or injures any fence, leaves gate open, or any other act whereby any land owner or farmer is in any way injured through carelessness while hunting with a gun.

Provision should be made to give the Fish and Game Commission more authority to establish game preserves, and provide a more severe penalty for hunting thereon.

The provision of the law providing for certificates for the taking of birds, their nests, or eggs, for scientific purposes, should be amended, to safeguard against those who secure such a permit for protection and unnecessarily slaughter large numbers of song birds.

The hunting license law should be amended, so as to include fishing, and trapping fur-bearing animals. Seventy-five per cent of the requests that are made on this department, are in the interests of fish rather than game, and the man who fishes, but does not hunt, should pay his share in order to keep up the expenses of this department.

I would advise that the law be so framed that boys under fourteen years of age, and women, would not be required to secure a license, thus relieving men with large families from paying one dollar each before he and his family could go to the river or lake to fish. His boys, after they reach the age of fourteen, could earn their own dollar and secure a license.

One license which would entitle the holder to either hunt, fish or trap in the open season for one dollar, would bring revenue enough to improve every small lake in the state, making them beauty spots and producing large quantities of fish and game as well as the most healthful recreation for the people of the state.

Dams could be placed across the small streams in the southern half of the state, where we have no lakes, and small lakes created

at a small expense. Public parks could be established and this department made one of the most useful departments in the state, without any burdensome taxation, and the people who contributed one dollar each year for its maintenance would receive the entire benefit.

The open season on ducks, geese and all migratory birds should be shortened, and in so doing consideration should be given to the different parts of the state, so as to equalize the shooting as near as possible. If necessary, take part of the shooting in the northern part of the state away, so that the southern half can enjoy a little.

The principle of stopping spring shooting is right, and if the shooting can not be equalized between the different parts of the state, so that Iowa will not kill more ducks than she should, and the supply can be kept up, then the law should be made to prohibit all shooting after a certain time in the winter.

Our drainage laws should be amended so that no meandered lake could be drained unless authorized by the legislature. In case such lakes were authorized drained, the land should be the property of the state, and only disposed of by special act of the legislature. This would remove the incentive for property owners adjoining such lakes to attempt to secure their drainage, with the idea of getting land at a cheap price. The law should provide for the improvement of any meandered lakes by the Fish and Game Commission, with the approval of the Executive Council, by erecting dams to raise the water level, all damages done to adjoining property caused by such improvement, to be paid from the Fish and Game Protection Fund.

The law should make a special provision for a right of way to such lakes, to provide for free access to them without trespassing.

RABBITS.

There should be a closed season on rabbits, commencing about March first and extending to September first. Also, hunting rabbits with ferrets should be prohibited.

PHEASANTS AND PARTRIDGES.

The closed season for the killing of pheasants and partridges should be extended two years.

PERMITS FOR RAISING AND SELLING GAME BIRDS AND ANIMALS.

Provisions should be made that permits must be secured by parties who keep game birds or animals in captivity, and no birds or animals to be sold without special permit from the Fish and Game Warden.

Under the present system it is possible for parties raising game birds, to trap those put out by the state and then sell them to the state to be turned loose again.

DISTRIBUTING FISH.

During the fall of 1913, more fish were distributed than were ever before distributed, in one year, in this state. This was made possible by having a fish car that carried many more times the fish than the old car, which was at this time, out of commission.

Although it was late in the season before the fish car was delivered a remarkably large number of fish were distributed. Next year will far outnumber the year 1913, and if the people living along the streams in this state will take an active part in helping us clean up the violations (which are committed, almost daily, with nets and other illegal devices), we will soon have splendid fishing in all good streams in the state. We can handle the law violators around the lakes, for the reason that they are mostly summer resorts, and it is a business proposition for the people to see to it that the fish are protected. Therefore, we get the proper assistance from them.

SEINING PERMITS.

During the fall season of 1913, permits were issued to seine carp and buffalo in the following lakes: Okoboji lakes, Spirit Lake, Clear Lake, Storm Lake and Wall Lake.

It has been so thoroughly demonstrated that lakes that have no outlet where fish can come and go at will, are sure to become so filled with carp and buffalo that game fish do not propagate and will in time become poor and sickly, and not fit for food.

Some opposition to the seining of carp and buffalo has developed, and claims are made that nets do more damage than the soft fish. However, no proof has been furnished this department, which would lead to any other opinion than to preserve the game fish and the feed for water fowl, these fish must be kept down to a certain quantity.

The permit holders have donated one-half cent per pound for all buffalo taken, to be placed in a fund for the special benefit of the lake from which the fish were taken. On page 26 will be found the amounts collected for each lake.

RINGNECK PHEASANTS.

A number of ring neck pheasants have been distributed in this state. In some localities they are reported as doing nicely while other localities report a failure.

The practice of distributing birds in small numbers has been discontinued and game preserves are established where all birds are placed in large numbers. The present indications are that a much larger per cent of increase will be realized by this method.

We are raising large numbers of pheasants at our game farm at Des Moines, and will continue to do so, as they are about the only game bird that can be raised successfully in captivity.

HUNGARIAN PARTRIDGE.

If Iowa is to become stocked with foreign game birds to any great extent, it is our opinion that the Hungarian partridge will do the business. Our experience in noting results from these birds, leads us to believe that they will propagate and live in Iowa.

We purchased six thousand of them, which were delivered last January. We placed them in corrals at the game farm at Des Moines, especially prepared for them, and distributed them the last of March. At this time we have reports of a number of fine coveys of young birds that are all doing nicely and we look for a large increase.

FISH HATCHERY.

During the fall of 1913 we started to remodel the old fish hatchery at Spirit Lake. This work is only partially completed but we are operating on a small scale this year and from present indications will have splendid results. Iowa should spare no expense to equip one of the best fish hatcheries that it is possible to build. There is no other public improvement that the public would get as much in return for, as from the proper fish hatchery and tributary plants. The returns would come from both the commercial value of the fish and the recreation the people would have catching them. Either would pay big dividends on the money invested.

ORGANIZATION, ETC.

This report covers the last nine months of the previous administration and the first fifteen months of the present administration. In reviewing the work covered by this report, it should be borne in mind that on April 1, 1913, the present warden started to reorganize the department and to put the commission in a position to accomplish the things we believed should be accomplished. The greatest task was to get an organization together, to enforce the law. This was no small task, and even at this time the organization is not complete, or as yet as efficient as we would like, nor will the laws be fully enforced or the best results obtained, until the people in each community interest themselves in the fish and game and render this department assistance. In a large number of communities such assistance has been given, and in every instance the best results have been obtained.

We had on hand in the Fish and Game Fund, April 1, 1913, about \$140,000. It was our intention to spend all of the surplus money for permanent improvements. The first purchase of this kind was a new fish car purchased from American Car & Foundry Co. of St. Louis. The car complete cost \$15,225. This car is the best fish car in the United States and will be in service for years.

Next we turned our attention to a game farm. The State Fair Board offered fifteen acres of land adjoining the state fair grounds for use at Des Moines. This we have made into a model game farm, have added about six acres, making twenty-one acres in all. We raised twelve hundred pheasants the first year, this year two thousand, and have arranged to raise five thousand next year. The farm has been a decided success, due largely to our efficient game keeper, Mr. Chas. Howard.

PROSECUTIONS.

It has been very gratifying to be able to secure such a large per cent of convictions for violations of the fish and game laws. We have not lost one case of consequence in all of the prosecutions we have made (shown by this report), which shows that the public are with us to a large extent. But there are communities in "good, old law abiding Iowa," where it is considered an infringement on the public rights, for a game warden to attempt to enforce the laws, especially against illegal fishing, but, public opinion is changly partly in this respect, and it will not be long

before a man who will dare to use a seine or other net for the purpose of taking fish illegally, will be considered an undesirable citizen, as is the man who steals his neighbor's property.

QUAIL IN IOWA.

Iowa is a little far north to be a great quail state. They become quite plentiful at times but the extreme hard winters leave only a remnant for seed and it takes several years for them to breed up again. The last two winters has been very favorable for quail, and they are reported in larger numbers in the eastern and southern parts of the state, than they have been for fifteen years.

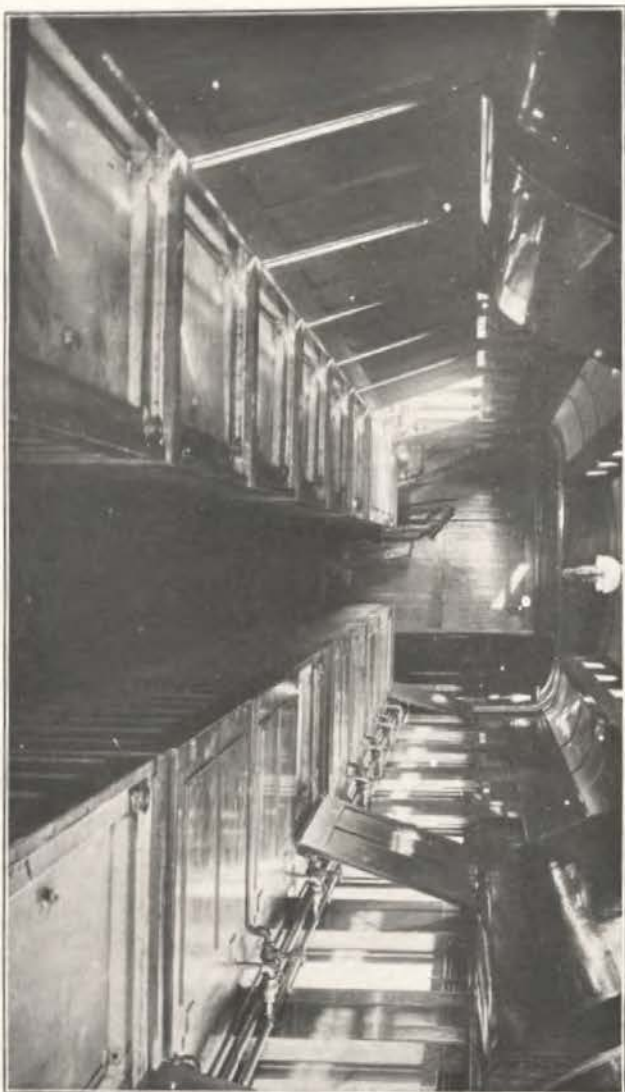
This department was active last winter in caring for and feeding these birds wherever they could be found, which in a measure accounts for their large increase. There has been considerable agitation to close the season on quail for a number of years, but in this state nothing is gained by so doing. If the winters do not kill them they will increase at a rapid rate. A closed series of years would reduce the revenue of this department at least \$30,000 per year, which would mean, that we could not give them the proper protection. Consequently, the first hard winter would reduce their numbers to such an extent that the increase would not be noticeable.

HUNTING LICENSES ISSUED FOR THE YEARS ENDING JUNE 30, 1913 AND JUNE 30, 1914.

County	For year ending 1913, June 30		For year ending 1914, June 30	
	Non- resident	Resident	Non- resident	Resident
Adair		\$ 253.00		\$ 276.00
Adams		324.00		366.00
Allamakee	\$ 50.00	605.00	\$ 40.00	682.00
Appanoose	19.00	1,347.00		1,637.00
Audubon		343.00		361.00
Benton		875.00		979.00
Black Hawk	10.00	2,379.00	10.00	2,491.00
Boone		1,360.00		1,453.00
Bremer		1,064.00		1,094.00
Buchanan		1,079.00		1,086.00
Buena Vista	10.00	630.00	10.00	658.00
Butler		832.00		866.00
Calhoun		694.00		411.00
Carroll		891.00		667.00
Cass		568.00		697.00
Cedar		714.00		761.00
Cerro Gordo		1,600.00		1,636.00
Cherokee		463.00		436.00
Chickasaw		1,026.00		1,091.00

HUNTING LICENSES—Continued

County	For year ending 1913, June 30		For year ending 1914, June 30	
	Non- resident	Resident	Non- resident	Resident
Clarke		225.00		316.00
Clay	30.00	630.00		632.00
Clayton		1,701.00		1,877.00
Clinton	30.00	1,009.00		1,010.00
Crawford		832.00		809.00
Dallas		1,177.00		1,342.00
Davis		927.00		654.00
Decatur		245.00		258.00
Delaware		1,041.00		1,145.00
Des Moines	230.50	1,112.00	30.00	1,291.00
Dickinson	30.50	726.00	70.00	746.00
Dubuque	60.00	2,191.00	30.00	2,300.00
Emmet		676.00	10.00	723.00
Fayette		1,110.00		1,496.00
Floyd		862.00		1,001.00
Franklin		703.00		704.00
Fremont	40.00	744.00	40.00	634.00
Greene		701.00		647.00
Grundy		467.00		641.00
Guthrie		754.00		791.00
Hamilton		943.00		841.00
Hancock	20.00	617.00		666.00
Hardin		1,361.00		1,340.00
Harrison		833.00		982.00
Henry		836.00		492.00
Howard	30.00	662.00		849.00
Humboldt		364.00		429.00
Ida		278.00		292.00
Iowa		612.00		639.00
Jackson		1,005.00		1,212.00
Jasper		1,410.00		1,153.00
Jefferson		381.00		514.00
Johnson		879.00		1,482.00
Jones		766.00		834.00
Kookuk	10.00	789.00		799.00
Kossuth		875.00		875.00
Lee		1,247.00		1,444.00
Linn		2,682.00	10.00	2,963.00
Louisa		695.00		629.00
Lucas		330.00		471.00
Lyon	30.00	394.00		263.00
Madison		191.00		378.00
Mahaska		1,039.00		1,004.00
Marion		810.00		664.00
Marshall		1,234.00	10.00	1,319.00
Mills	10.00	538.00		431.00
Mitchell	30.00	901.00	30.00	793.00
Monona		556.00		639.00
Monroe		1,339.00		1,973.00
Montgomery		676.00		666.00
Muscatine		1,442.00		1,668.00
O'Brien		666.00		609.00
Osceola		378.00		342.00
Page		637.00	30.00	679.00
Palo Alto		778.00		865.00
Plymouth		667.00		732.00
Pocahontas		362.00		368.00
Polk		4,177.00	30.00	5,005.00
Polk	10.00	1,839.00	30.00	1,974.00
Pottawattamie		513.00		608.00
Poweshiek		214.00		222.00
Ringgold		636.00		632.00
Sac		3,040.00		2,235.00
Scott	30.00	635.00		477.00
Shelby		666.00	10.00	789.00
Sioux		969.00		837.00
Story		671.00		631.00
Tama		354.00		398.00
Taylor				



Interior Iowa's New Fish Car, Hawkeys No. 2.

HUNTING LICENSES—Continued

County	For year ending 1913, June 30		For year ending 1914, June 30	
	Non-resident	Resident	Non-resident	Resident
Union		641.00		768.00
Van Buren		496.00		683.00
Wapello	1,675.00		10.00	1,978.00
Warren		381.00		615.00
Washington		781.00		785.00
Wayne		493.00		439.00
Webster		1,664.00		1,669.00
Winnebago		353.00		471.00
Winnebuck		798.00		999.00
Woodbury	30.00	1,839.00	29.00	1,734.00
Worth		383.00		578.00
Wright		1,045.00		1,111.00
Total	\$ 530.00	\$ 87,108.00	\$ 300.00	\$ 94,866.00

SUCCESSFUL PROSECUTIONS.

JULY, 1912.

Number Cases		Fine and Costs
28	Illegal fishing—one case not guilty; one jail sentence, 15 days.....	\$ 288.35
1	Killing squirrels	13.16
2	Robbing bird nests.....	35.10
1	Killing pheasants	11.75
	Total	\$ 348.35

Property seized and destroyed: 68 fish traps, 25 trot lines, 8 seines, 23 hoop nets, 1 boat, 1 pole and line, 2 dip nets, 3 guns.

AUGUST, 1912.

Number Cases		Fine and Costs
15	Illegal fishing	\$ 145.75
5	Killing prairie chicken (one case dismissed).....	73.40
1	Killing ducks	74.15
16	Hunting without license.....	476.15
1	Killing song birds.....	9.05
2	Hunting before season.....	31.20
1	Killing squirrels	15.15

Property seized and destroyed: 137 trot lines, 24 seines, 75 fish traps, 1 boat, 1 spear.

SEPTEMBER, 1912.

Number Cases		Fine and Costs
16	Illegal fishing	\$ 120.50
1	Killing prairie chicken.....	17.20
4	Unlawful hunting.....	45.00
17	Hunting without license.....	379.90
2	Killing doves	31.10
5	Killing song birds.....	63.85
1	Fishing without license (boundary water).....	5.80
	Total	\$ 697.85

Property seized and destroyed: 3 seines, 1 trammel net, 16 trot lines, 1 fish trap, 2 boats.

OCTOBER, 1912.

Number Cases		Fine and Costs
13	Illegal fishing	\$ 141.05
14	Hunting without license.....	414.05
4	Illegal fishing (one thirty-day jail sentence).....	159.00
2	Shooting from launch.....	95.70
	Total.....	\$ 710.80

Property seized and destroyed: 96 traps, 1 boat, 11 fish traps, 20 trot lines, 2 seines, 4 nets.

NOVEMBER, 1912.

Number Cases		Fine and Costs
4	Illegal fishing	\$ 54.10
9	Hunting with license.....	215.95
1	Killing deer	35.55
1	Killing song birds	23.75
1	Illegal trapping	18.75
	Total.....	\$ 348.10

DECEMBER, 1912.

Number Cases		Fine and Costs
8	Illegal fishing	\$ 117.40
10	Hunting without license.....	258.43
1	Selling ducks	30.00
	Total.....	\$ 445.83

Property seized and destroyed: 1 boat, 9 seines, 3 spears, 4 hoop nets.

JANUARY, 1913.

Number Cases		Fine and Costs
2	Illegal fishing	\$ 31.00
4	Game in possession out of season.....	37.70
1	Hunting without license.....	28.30
1	Killing pheasant	30.60
1	Killing quail	13.85
	Total.....	\$ 141.45

FEBRUARY, 1913.

Number Cases		Fine and Costs
10	Illegal fishing	\$ 226.10
1	Hunting without license (jail sentence, 8 days).....	28.85
	Total.....	\$ 254.95

Property seized and destroyed: 15 spears.

MARCH, 1913.

Number Cases		Fine and Costs
8	Illegal fishing	\$ 133.30
6	Hunting without license	138.95
1	Selling game birds (jail sentence, 30 days).....	28.00
1	Illegal trapping	12.75
	Total	\$ 313.00

APRIL, 1913.

Number Cases		Fine and Costs
10	Illegal fishing (jail sentence, 1, three days; 2 fifteen days each).....	\$ 153.15
2	Killing pheasants	30.35
1	Hunting without license	28.85
	Total	\$ 212.35

Property seized and destroyed: 4 fish traps, 1 seine, 1 gill net.

MAY, 1913.

Number Cases		Fine and Costs
14	Illegal fishing	\$ 191.75
6	Killing game birds	86.65
3	Killing song birds	36.70
	Total	\$ 315.10

Property seized and destroyed: 3 trot lines, 2 seines, 2 spears, 2 hoop nets, 3 fish traps.

JUNE, 1913.

Number Cases		Fine and Costs
24	Illegal fishing (3 suspended on account of age).....	\$ 307.35
2	Dynamiting fish	130.00
3	Hunting without license	68.85
1	Killing game birds	12.00
	Total	\$ 498.20

Property seized and destroyed: 16 bait nets, 4 hoop nets, 1 trammel net, 20 fish traps, 9 dip nets, 13 seines, 7 throw lines, 44 trot lines, 1 dam, 5 fish lines and fish pole, 2 guns.

JULY, 1913.

Number Cases		Fine and Costs
24	Illegal fishing	\$ 606.00
1	Dynamiting fish	60.25
4	Killing game (jail sentence 30 days).....	109.75
6	Hunting without license (one case dismissed).....	131.00
1	Killing muskrats	12.86
1	Killing pheasant	13.00
	Total	\$ 802.86

Property seized and destroyed: 25 fish traps, 3 poles and reel, 12 trot lines, 1 gill net, 4 dip nets, 10 seines, 1 chicken trap, 1 hoop net, 3 trammel nets, 2 guns.

AUGUST, 1913.

Number Cases		Fine and Costs
2	Illegal fishing	\$ 450.00
7	Killing game	60.40
5	Hunting without license (2 jail sentences, 15 days each).....	124.75
2	Killing squirrels	20.00
	Total	\$ 655.15

Property seized and destroyed: 3 guns, 8 seines, 7 trammel nets, 1 landing net, 15 hoop nets, 1 spear, 4 gill nets, 40 fish traps, 16 trot lines, 100 hooks.

SEPTEMBER, 1913.

Number Cases		Fine and Costs
10	Illegal fishing	\$ 196.70
2	Dynamiting fish	109.80
2	Killing chicken and ducks in August.....	64.00
1	Sale of wild ducks	21.00
2	Shooting on the water between sunset and sunrise.....	42.45
2	Killing muskrats	172.00
3	Killing song birds	35.50
16	Hunting without license	411.35
	Total	\$ 1,012.00

Property seized and destroyed: 30 fish traps, 22 hoop nets, 2 seines, 1 trammel net, 1 gill net, 2 trot lines, 14 steel traps.

OCTOBER, 1913.

Number Cases		Fine and Costs
8	Illegal fishing	\$ 79.50
1	Killing ruffed grouse	29.45
9	Trapping muskrat and mink.....	278.28
10	Hunting without license	450.40
	Total	\$ 1,208.38

Property seized and destroyed: 25 steel traps, 9 hoop nets, 3 fish traps, 1 seine, 2 trot lines, 2 guns.

NOVEMBER, 1913.

Number Cases		Fine and Costs
5	Illegal fishing	\$ 67.25
1	Trapping muskrats in October.....	12.83
24	Hunting without license (1 case dismissed).....	568.70
	Total	\$ 648.80
1	Killing deer (case lost).	

Property seized and destroyed: 12 fish traps, 2 trot lines, 1 gill net, 2 guns.

DECEMBER, 1913.

Number Cases		Fine and Costs
3	Illegal fishing	\$ 65.10
4	Killing prairie chicken	70.35
16	Hunting without license	439.00
	Total	\$ 574.45

Property seized and destroyed: 1 row boat, 1 spear, 1 torch, 19 chicken and quail traps, 1 seine, 2 hoop nets.

JANUARY, 1914.

Number Cases		Fine and Costs
10	Illegal fishing (1 jail sentence).....	\$ 109.25
3	Killing quail	56.25
1	Killing pheasants (found not guilty).....	
1	Killing squirrel	23.80
11	Hunting without license	210.80
	Total	\$ 300.85

Property seized and destroyed: 1 trammel net, 18 quail traps.

FEBRUARY, 1914.

Number Cases		Fine and Costs
7	Illegal fishing	\$ 66.30
2	Killing prairie chicken	39.00
7	Hunting without license	181.40
	Total	\$ 276.00

Property seized and destroyed: 48 quail and chicken traps, 2 spears, 3 guns.

MARCH, 1914.

Number Cases		Fine and Costs
9	Illegal fishing	\$ 118.05
2	Killing ducks from motor boat.....	55.00
7	Hunting without license	252.90
	Total	\$ 425.95

Property seized and destroyed: 2 fish rods and reels, 2 seines and trot lines.

APRIL, 1914.

Number Cases		Fine and Costs
36	Illegal fishing (3 cases dismissed, 1 jail sentence).....	\$ 601.04
2	Killing brant	13.00
1	Killing ducks	10.25
5	Hunting without license	104.00
	Total	\$ 628.90

Property seized and destroyed: 4 gill nets, 4 fish traps, 11 trot lines, 10 fish poles and lines, 1 spear.

MAY, 1914.

Number Cases		Fine and Costs
20	Illegal fishing (1 fine suspended).....	\$ 295.35
7	Killing ducks	130.30
6	Catching squirrels	94.50
4	Killing song birds	28.80
3	Hunting without license	64.80
	Total	\$ 613.65

Property seized and destroyed: 18 seines, 3 dip nets, 7 fish traps, 8 trow lines, 4 trot lines, 2 hoop nets, 1 set snagging hooks.

JUNE, 1914.

Number Cases		Fine and Costs
43	Illegal fishing	\$ 640.00
2	Killing osprey	37.70
1	Killing song birds	6.50
1	Hunting without license.....	18.83
1	Killing wild ducks	10.00
	Total	\$ 713.03

Property seized and destroyed: 28 fish traps, 40 seines, 1 boat, 6 hoop nets, 23 trot lines, 4 dip nets, 1 gill net.

DISBURSEMENTS FROM THE GAME PROTECTION

FROM JULY 1ST, 1912,

	Official Salary	Office Expenses	Printing	Deputies Salaries	Traveling Expenses
July	\$ 133.33	\$ 267.25		\$ 2,681.25	\$ 225.00
August	133.33	234.77		2,285.00	221.81
September	133.33	189.96	38.00	2,953.50	474.18
October	133.33	231.86	105.00	2,845.00	549.00
November	133.33	207.02		2,816.25	603.10
December	133.33	229.86	10.50	2,766.25	565.41
January	133.33	219.24	4.75	2,875.00	518.98
February	133.33	209.00	2.25	2,947.50	387.28
March	133.33	211.82	6.75	2,925.00	418.21
	\$ 1,199.99	\$ 1,972.84	\$ 187.50	\$25,222.50	\$ 4,338.00
April	133.33	368.60	35.45	856.50	135.78
May	133.33	808.73	39.00	1,924.25	292.32
June	133.33	323.81	1,208.81	2,000.75	394.86
Total	\$ 1,600.00	\$ 3,403.08	\$ 1,299.84	\$29,709.80	\$ 5,711.63

DISBURSEMENTS FROM THE FISH AND GAME PROTECTION

FROM JULY 1ST, 1913.

	Official Salary	Office Expenses	Printing	Deputies Salaries	Traveling Expenses
July	\$ 376.73	\$ 446.77		\$ 2,333.00	\$ 638.74
August	483.33	189.15		2,400.00	936.75
September	483.33	172.18	15.00	2,677.50	526.11
October	483.33	234.62		2,965.00	614.19
November	483.33	205.93		2,807.00	714.58
December	483.33	223.89	1,849.67	2,634.25	544.75
January	483.33	150.59		2,809.75	622.11
February	483.33	404.33		2,716.25	535.25
March	483.33	781.00	38.50	3,221.25	641.01
April	483.33	293.44		4,163.75	612.81
May	483.33	182.97		3,813.00	836.78
June	483.33	226.79	41.23	3,635.00	712.28
Totals	\$ 5,642.36	\$ 3,490.97	\$ 1,944.90	\$27,127.75	\$ 7,084.29

FUND FROM JULY 1, 1913 TO JUNE 30, 1914.

TO JULY 1ST, 1913.

Hotel Expense	Public Waters	Care of Game Birds	Distributing Fish	Property Bought	Eggs	Game Birds	Miscellaneous	Total
\$ 437.95	\$ 3,000.00	10.75		\$ 40.00	\$ 19.80		\$ 163.01	\$ 7,773.90
674.59	47.06	18.46	64.60	11.00			314.96	5,806.48
420.43	79.78		54.14	12.00	48.00	2,569.44	75.40	7,136.86
423.07			1,043.47			1,023.30	103.82	7,087.51
301.70	146.66	5.00	954.22			318.83	231.09	5,807.30
294.55			11.70			1,991.96	290.59	6,334.57
406.00		64.10				870.02	47.47	5,190.33
312.00		1.00	175.00	.44		1,024.77	87.80	5,490.30
329.50	25.00	7.00			43.70	5,149.97	78.53	7,033.70
\$ 3,800.99	\$ 3,295.19	\$ 106.30	\$ 2,302.63	\$ 64.44	\$ 110.50	\$ 12,407.29	\$ 1,802.73	\$ 57,113.63
120.00		81.75	20.20	127.70			26.06	1,002.36
202.33	12.42	243.80	6.50	785.05	218.04		37.54	4,494.27
261.30		302.00	3.50	564.05	36.00		96.23	5,708.77
\$ 4,320.12	\$ 3,308.62	\$ 734.80	\$ 2,332.38	\$ 1,942.33	\$ 467.04	\$ 12,407.29	\$ 1,606.16	\$ 63,189.61

FUND FROM JULY 1, 1912 TO JUNE 30, 1913.

TO JULY 1ST, 1914.

Hotel Expense	Public Waters	Care of Game Birds	Distributing Fish	Property Bought	Eggs	Game Birds	Miscellaneous	Total
\$ 329.49		\$ 205.10	\$ 44.00	\$ 1,415.80			\$ 204.77	\$ 5,880.45
425.95		242.75	28.35	2,520.14		\$ 102.96	377.06	9,846.86
391.70	\$ 2,000.00	534.49	92.18	15,423.23			298.18	22,923.00
384.80		394.01	1,072.00	150.90			625.72	6,915.12
358.05	630.00	390.64	377.53	548.75	\$ 21.69	43.00	146.21	6,730.71
281.30		281.30	281.17	370.74			54.00	6,679.38
471.00		204.42	634.48	241.80			694.25	5,154.43
621.00		477.22	90.25	931.02			45.42	17,034.00
399.65	376.68	238.70	47.25	137.51			319.30	6,530.08
439.33	84.62	700.94	282.28	94.84		1,866.90	167.60	9,121.46
504.05		736.23	77.89	866.18			233.26	7,915.58
483.00		444.17		284.40			155.93	6,466.83
\$ 4,900.22	\$ 3,440.20	\$ 4,474.62	\$ 3,007.96	\$29,520.91	\$ 21.69	\$ 15,047.63	\$ 2,777.53	\$ 119,136.10

REPORT OF ROUGH FISH SEINED FROM LAKES OF IOWA, 1913,
 AND REVENUE RECEIVED FOR SAME.

		Receipts	Disburse- ments
Clear Lake Fund:			
July 5, 1913	17,322 lbs. Carp @ 1c.....	\$ 43.46	
	Total	\$ 43.48	
Okoboji Lake Fund:			
Sept. 8, 1913	8,721 lbs. Buffalo @ 1c.....	\$ 43.09	
Sept. 29, 1913	9,293 lbs. Buffalo @ 1c.....	46.31	
Oct. 18, 1913	17,732 lbs. Buffalo @ 1c.....	88.05	
Oct. 23, 1913	To Chas. H. Swift for seining fish for stocking.....		\$ 100.00
Oct. 29, 1913	Received for game fish killed while seining.....	7.40	
Nov. 7, 1913	5,938 lbs. Buffalo @ 1c.....	29.09	
	Totals	\$215.80	\$ 100.00
June 30, 1914	To Mat Burton for killing gar fish.....		.54
		\$215.80	\$ 100.54
	Balance in fund		\$ 115.26
Storm Lake Fund:			
Sept. 30, 1913	10,180 lbs. Buffalo and Carp @ 1c.....	\$ 50.90	
Oct. 15, 1913	25,300 lbs. Buffalo @ 1c, 50c short.....	127.30	
Oct. 25, 1913	36,300 lbs. Buffalo @ 1c.....	181.00	
Nov. 5, 1913	10,600 lbs. Buffalo @ 1c.....	52.50	
Nov. 10, 1913	33,200 lbs. Buffalo @ 1c.....	166.00	
Nov. 17, 1913	19,050 lbs. Buffalo @ 1c.....	95.75	
Nov. 24, 1913	41,400 lbs. Buffalo @ 1c.....	207.00	
Nov. 29, 1913	Paid W. A. Barnes for constructing dam at outlet of Storm Lake.....		\$ 544.00
	Paid J. A. Schmitz for overseeing construction of dam at outlet of Storm Lake.....		20.00
Dec. 3, 1913	13,474 lbs. Buffalo @ 1c.....	67.37	
Dec. 3, 1913	To balance shortage of October 16th.....	.50	
		\$662.22	\$ 664.00
	Balance in fund		\$ 388.22
Spirit Lake Fund:			
Oct. 3, 1913	9,000 lbs. Buffalo @ 1c.....	\$ 45.00	
Oct. 8, 1913	For fish killed while seining.....	2.80	
Oct. 25, 1913	43,680 lbs. Buffalo @ 1c.....	218.40	
Oct. 25, 1913	For fish killed while seining.....	.25	
Nov. 15, 1913	22,724 lbs. Buffalo @ 1c.....	113.62	
Nov. 26, 1913	5,542 lbs. Buffalo @ 1c.....	27.71	
	Total	\$407.88	
Lake Manawa Fund:			
Sept. 11, 1913	6,383 lbs. Buffalo and Carp @ 1c.....	\$ 15.92	
Oct. 25, 1913	9,000 lbs. Buffalo @ 1c.....	23.50	
Nov. 4, 1913	4,000 lbs. Buffalo @ 1c.....	16.00	
Nov. 8, 1913	4,800 lbs. Buffalo @ 1c.....	12.00	
	Total	\$ 67.42	
Wall Lake Fund:			
Jan. 1, 1914	2,000 lbs. Buffalo.....	\$ 10.00	
Nov. 8, 1913	5,423 lbs. Buffalo.....	27.12	
	Total	\$ 40.02	

DISTRIBUTION OF FISH BY FISH CAR HAWKEYE NO 2, 1913.

Name of Town	Water Placed In	No. Fish
Clear Lake	Clear Lake	40,000
Oswego	Red Cedar River	40,000
Anamosa	Wapsie River	40,000
Okoboji	Okoboji Lakes	75,000
Spirit Lake	Spirit Lake	40,000
Fort Dodge	Des Moines River	100,000
Des Moines	Des Moines River	50,000
Storm Lake	Storm Lake	40,000
Creston	Platte River	6,000
Shenandoah	E. Nishnabotna River	6,000
Corning	E. Nodaway River	6,000
Villisca	Middle Nodaway River	6,000
Red Oak	E. Nishnabotna River	6,000
Hastings	Nishnabotna River	6,000
Clarinda	Nodaway River	6,000
Marengo	Iowa River	40,000
Clear Lake	Clear Lake	30,000
Okoboji	East Okoboji	30,000
		687,000

202,000 of the above fish taken from the bayous of the Mississippi river near Lansing and 285,000 taken from bayous near Sabula. Car made twelve trips from Sept. 1st to Nov. 25th.

 REPORT OF FISH TAKEN FROM SLOUGHS AND BAYOUS AND
 PLACED IN LIVE WATERS OF THE STATE.

Location	Water Placed In	No. Fish
Cedar Falls	Cedar River	100,000
Keokuk	Des Moines River	5,000
Iowa City	Iowa River	40,000
Charles City	Cedar River	5,700
Iowa Falls	Iowa River	5,500
Council Bluffs	Lake Manawa	2,500
Adel	Ooan River	800
Perry	Des Moines River	1,000
Port Dodge	Little Wapsie	5,000
Waterloo	Cedar River	6,000
New Hartford	Mississippi River	250,000
Clinton	Wapsie River	40,000
Independence	Iowa River	500
Albia	Upper Iowa River	4,500
Chester	Des Moines River	600
Livermore	Lost Island Lake	1,000,000
Ruthven	Blue Lake	600,000
Onawa	Mississippi River	300,000
Lansing	Mississippi River	800
Decorah	Above dams	1,000
Chester	Upper Iowa	30,000
Waterloo	Cedar River	7,000
Waverly	Cedar River	7,000
	Total	2,280,300

4,000 fish shipped from Clinton to Grinnell to stock city reservoir at that place.
 4,000 fish shipped from Lansing to Cherrmont for stocking Turkey river.
 400 fish shipped from Clinton to Ottumwa for stocking Des Moines river.

STATE FISH AND GAME ASSISTANTS.

Name	Address	District
W. E. Albert (Supt. Mississippi River)	Lansing, Iowa.....	No. 2
Geo. C. Cooper, Assistant.....	Des Moines, Iowa.....	No. 1
R. T. St. John, Assistant.....	Riceville, Iowa.....	No. 3
Chas. S. Hobson, Assistant.....	Clarinda, Iowa.....	

REGULAR DEPUTIES.

Name and Address	Name and Address
Anderson, F. L., Rose	Lake, C. G., Chester
Armstrong, J. J., Mt. Ayr.	Laraway, W. O., Hamburg
Bailey, C. O., Washington	Luther, C. P., Guttenberg
Balton, W. O., Independence	Louden, J. D., Creston
Blackburn, W. H., Jefferson	Lang, J. A., Algona
Bauer, Theo., Dubuque	Martin, H. E., Iowa Falls
Baier, Walter, Des Moines	Monplasure, R. P., Mason City
Bailey, A. S., Arnolds Park	Marsh, Wm. Ft. Dodge
Bucknell, B., Decorah	Musey, N., Iowa City
Paul, New Hampton	Metcalf, Chas., Albion
Burnham, J. W., Linden	Mason, J. P., Humboldt
Bunker, P. O., Tipton	Middendorf, Wm., Ft. Madison
Butler, Ray, Arnolds Park	Morse, W. N., Wyoming
Benton, W. M., Cedar Falls	Miltrop, Clint, Chariton
Burke, H. W., Muscatine	Neison, D., Spirit Lake
Brown, Fred, Sibley	O'Brine, S. A., Kenwood Park
Oson, G. B., Albia	Olsen, Oscar, Eagle Grove
Christensen, A. C., Ruthven	Pressner, L. O., Manchester
Curran, Robt., Hawarden	Payton, Geo., Centerville
Dunn, B. S., Adel	Palmer, D. V., Lake Park
Doolittle, Lee, Ames	Pullen, W. J., Estherville
Elerich, W. S., Keosauqua	Parnell, W. E., Ottumwa
Eyler, D. H., Clarion	Potthast, W. H., Manning
Folk, Jas., Onawa	Reichmann, H. F., Keokuk
Fuller, D. F., Storm Lake	Schroeder, J. O., Emmetsburg
Groneweg, W. A., Council Bluffs	Swift, C. H., Sabula
Gordon, W. A., Seymour	Stanley, L. S., Adel
Gordon, Belle Plains	Starrman, J. M., Cedar Rapids
Hall, T. L., Glenwood	Smith, O. A., Sioux City
Heffelfinger, J., Grundy Center	Smith, W. J., Council Bluffs
Hartsough, P. L., Osweiss	Scott, E. C., Osceola
Hilliard, R. A., Corning	Tabler, D. L., Burlington
Hinshaw, L., Arnolds Park	Terney, J. L., Clinton
Houston, A. F., Waterloo	Wiley, John, West Liberty
Hollingsworth, M. O., Cedar Rapids	Willis, E. H., New Hartford
Herrington, J. E., Mondamin	Wentworth, Ed., Waverly
Hodson, L. C., Indianola	Woolston, A. P., Webster City
Hardman, H., Spirit Lake	Wright, J. M., Menlo
Jeffers, D. D., Red Oak	Wheeler, M. C., Forest City
Johnson, Herman, Doon	White, D. W., Atlantic
Jahns, J. B., Davenport	Wilson, O. I., Charles City
Kley, Thos., Des Moines	Waterhouse, L. E., Charter Oak
Klein, Russell, Spirit Lake	Wilson, H. W., Audubon
Kovallinka, Glenn, Mason City	Williams, J. J., Washta
Knepper, J. A., Marengo	Zenor, S. S., Perry

DEPUTIES HOLDING COMPLIMENTARY COMMISSIONS AND RENDERING SPLENDID ASSISTANCE TO THE DEPARTMENT, WITHOUT COMPENSATION.

Names and Addresses	Names and Addresses
Anderson, J. B., Perry	Hastner, H. W., Ventura
Ambrose, F. J., Clinton	Kelly, O. G., Clinton
Armentrout, D., DeWitt	Kelly, P. W., Clinton
Axon, A. M., Clarion	KleinSmith, F. O., Clinton
Bailey, J. A., Britt	Koons, F., Clinton
Bailey, O. S., Britt	Kirkman, J., Coal City
Barta, A., Cedar Rapids	Kolthoff, G., Britt
Bayce, F., Clarion	Kuhn, H., Clarion
Becker, C., Council Bluffs	Koltout, S., Clarion
Becker, F. W., Lyons	Kimatson, J., DeWitt
Berry, G. H., Cedar Rapids	Layman, N., Des Moines
Bradfield, B. K., Spirit Lake	Lawson, N. P., Clinton
Brand, F., Piano	Larson, L., Des Moines
Bugett, B., Britt	Leonard, D. H., Clarion
Butterfield, F., DeWitt	Lampwright, C. E., Algona
Bruggerman, F., Des Moines	Lee, Wm., DeWitt
Butler, E. E., Des Moines	Landfair, Wm., DeWitt
Burgett, B., Britt	Lyon, Martin, DeWitt
Burgett, E. W., Britt	McGowan, Grant, Mason City
Carlow, P., Clinton	McManus, J. P., DeWitt
Carow, F. A., Clinton	McKinn, S., Arnolds Park
Callender, W. G., Clinton	Miller, E. D., Clinton
Castle, A. R., Britt	Miller, Ben, Clinton
Chaffell, H. O., Clinton	Mitchell, J. C., Clinton
Chase, O. P., Clinton	Messer, Wm., Clinton
Clark, G. W., Clarksville	Myers, Geo., Leon
Chasey, R. C., Clinton	Mauther, O., Council Bluffs
Colton, J., DeWitt	Myers, R., Des Moines
Crabill, J. M., Clarinda	Madsen, H. B., Mason City
Crawford, E., Clarksville	Miller, S. P., Britt
Cripp, O. C., Des Moines	Miller, W. H., Britt
Croake, J. M., Clinton	Miller, Karl, Britt
Cushman, Clinton	Moosnow, C., Mason City
Cole, E. J., Clinton	Maul, C., Clinton
Daty, W. W., Clarksville	Nielsen, G. H., Des Moines
Detra, Geo., Clarksville	Nielsen, M., Des Moines
Eads, E. A., Clinton	Nord, O., Clinton
Erickson, Jas., Britt	Nelson, N. P., Britt
Fater, P. J., Clinton	Nordman, F., Clarksville
Felman, Geo., Clinton	Ohr, J., Clinton
Finch, M. A., Clinton	Osborn, J., Mason City
Fisher, E. A., Britt	Olson, L. M., Britt
Floerchinger, Oxford	Ordway, F. M., Clinton
Fulton, J. F., James	Parker, C. H., Clinton
Fryer, W. T., Council Bluffs	Point, S., Clinton
Gettner, Thos., Clinton	Point, Chas., Clinton
Gilbert, G. R., Prairie City	Peterson, O. L., Clinton
Gilbert, O. R., Clinton	Preishorn, Ed., Clinton
Gilbert, Fred, Spirit Lake	Phippe, Twb, Fraser
Goslin, P. H., Clarion	Pries, A. M., DeWitt
Grubb, K. C., Clinton	Petersen, J., Decorah
Hanson, Paul, Clinton	Quibed, B., Clarksville
Hanson, W. D., Council Bluffs	Rastran, F., Des Moines
Hardwick, W. D., North McGregor	Rus, C., Council Bluffs
Halek, Will, Britt	Ropp, L., Council Bluffs
Halek, John, Britt	Ross, Jas., Britt
Hatton, E. L., Britt	Rasmussen, W. J., Britt
Hern, W. O., DeWitt	Richardson, E. D., Britt
Herrick, L. P., Mason City	Reinholdt, R. J., Britt
Hill, A. E., Council Bluffs	Roberts, R. R., Britt
Hutton, A., Des Moines	Roberts, L. G., Britt
Hill, G., Spirit Lake	Rosasud, T. T., Clarion
Hill, J. J., Mason City	Rupp, S., Mason City
Horseman, G. A., Britt	Rudsen, R., Clinton
Haxton, C. E., Britt	Roek, F. G., Ventura
Hegdon, S., Britt	Rose, H., Postville
Hutchinson, H., Clarion	Rothermel, J. H., Davenport
Homer, J., DeWitt	Saxton, C. W., Livermore
Johnson, C. C., Council Bluffs	Stebens, G., Clinton
Jacobs, H., DeWitt	Sincum, S., Clinton
King, P. W., Ferguson	Serfner, F. D., Clinton

DEPUTIES HOLDING COMPLIMENTARY COMMISSIONS AND
RENDERING SPLENDID ASSISTANCE TO THE DEPART-
MENT, WITHOUT COMPENSATION—CONTINUED.

Names and Addresses	Names and Addresses
Swigert, M., Clinton	Trackman, A., Clarksville
Savensow, Wm., Council Bluffs	Utts, E. D., Clinton
Schafer, H. A., Britt	Van Note, M. C., Mason City
Syred, W. W., Britt	Vincent, J. E., Britt
Steiner, Chas., Britt	Vickrey, H. E., DeWitt
Stanbury, W. C., Clarion	Wray, F., North Liberty
Smith, G., Clarion	Warren, F. W., Alliance
Spencer, L., Clarion	Williams, F. W., Council Bluffs
Schmidt, A., Northwood	Ward, F., Council Bluffs
Standinger, C., Clinton	Wilkinson, E. A., Britt
Smith, C., DeWitt	Woodley, H., Clarion
Scripture, J. G., Clarksville	Wreidt, F., Clinton
Thompson, J. B., Clinton	Westhouse, H., Clinton
Thomas, A. H., Clinton	Wheeler, T., DeWitt
Thompson, O. M., Clinton	Wagner, J. J., DeWitt
Tracy, H. H., Decorah	Wamsley, R., Clarksville
Turner, H. B., Britt	Wamsley, M., Clarksville
Tony, S., Clinton	Wyggle, J. A., Clarksville
Tony, W. C., Clinton	Wyggle, Ed., Clarksville

BOUNDARY WATER LICENSES ISSUED FROM JULY 1, 1912, TO
JULY 1, 1913.

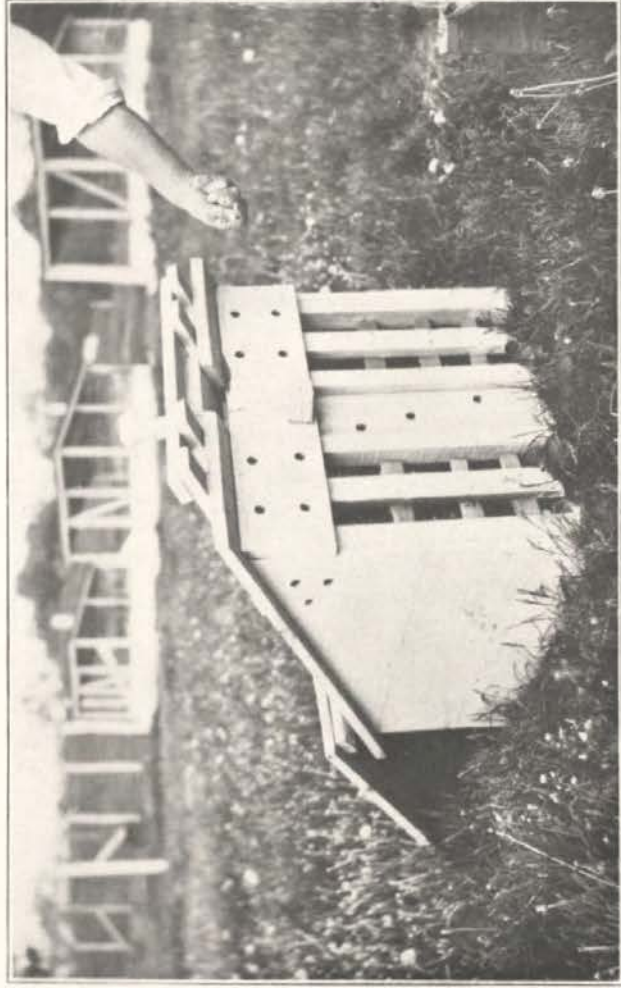
No.	Name and Address	For	Amount
877	J. O. Slocumb, Clinton.....	300 ft. trammel	5.00
		1 tag .....	.10
878	Tom Huginin, Camanche.....	300 ft. trammel	5.00
		1 tag .....	.10
879	Scott Brooks, Lyons.....	300 ft. trammel	5.00
		1 tag .....	.10
880	C. E. Huginin, Camanche.....	500 ft. seine	10.00
		1 tag .....	.10
881	Chas. Feiner, Clinton.....	1,800 ft. trammel	30.00
		4 tags .....	.60
882	Wm. Burns, Albany, Ill.....	900 ft. trammel	15.00
		3 tags .....	.30
883	Wm. F. Wilkin, Ft. Madison.....	1 hoop .....	.50
		1 tag .....	.10
884	Albert Gerdt, Davenport.....	100 ft. trammel	5.00
		1 tag .....	.10
885	Dave Hug, Dubuque.....	300 ft. trammel	5.00
		1 tag .....	.10
886	Wm. Pust, Dubuque.....	500 ft. seine	10.00
		1 tag .....	.10
887	W. O. Jones, Dubuque.....	5 hoops	2.50
		5 tags .....	.50
888	Chas. Feiner, Clinton.....	100 ft. trammel	5.00
		1 tag .....	.10
889	John Eads, Burlington.....	2 baits	1.00
		2 tags .....	.20
890	A. C. Larson, McGregor.....	1,000 ft. seine	20.00
		2 tags .....	.20
		2 pounds	2.00
		2 tags .....	.20
891	Geo. Hartman, Keithsburg, Ill.....	20 baits	10.00
		20 tags	2.00
892	E. M. Bristol, Muscatine.....	500 ft. seine	10.00
		1 tag .....	.10
893	H. Gardner, Burlington.....	150 ft. trammel	5.00
		1 tag .....	.10
894	J. L. Brockelman, Burlington.....	2 hoops	1.00
		2 tags .....	.20
895	Fred Fels, Dubuque.....	500 ft. seine	10.00
		1 tag .....	.10

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1912, TO JULY 1,
1913.—CONTINUED.

No.	Name and Address	For	Amount
896	John Frantzen, Dubuque.....	300 ft. trammel	5.00
		1 tag .....	.10
897	John F. Hinyu, Ft. Madison.....	150 ft. trammel	5.00
		1 tag .....	.10
898	Jacob Hartman, Keithsburg, Ill.....	10 hoops	5.00
		10 tags	1.00
		15 hoops	7.50
		15 tags	1.50
899	Milton B. Westgale, Camanche.....	300 ft. seine	10.00
		1 tag .....	.10
901	Chas. Ueh, Sioux City.....	500 ft. seine	10.00
		1 tag .....	.10
902	Wm. R. Mummert, Dubuque.....	300 ft. trammel	5.00
		1 tag .....	.10
903	Geo. Pregler, Jr., Dubuque.....	1 dip .....	.50
		1 tag .....	.10
904	Chas. Brown, Dubuque.....	300 ft. trammel	5.00
		1 tag .....	.10
905	Hugh Chandler, Dubuque.....	300 ft. trammel	5.00
		1 tag .....	.10
		1 dip .....	.10
906	Bert Curier, Dubuque.....	1 tag .....	.10
		1 tag .....	.10
907	Fred Schuitz, Wapello.....	7 hoops	3.50
		7 tags .....	.70
908	J. W. McCabe, Oquawka.....	300 ft. trammel	5.00
		1 tag .....	.10
909	Not issued, spoiled.		
910	A. McCluskey, Muscatine.....	10 hoops	5.00
		10 tags	1.00
911	John Weedner, Harpers Ferry.....	1,000 ft. seine	20.00
		2 tags .....	.20
		25 pounds	25.00
		25 tags	2.50
912	Geo. Burnett, Muscatine.....	10 hoops	5.00
		10 tags	1.00
913	Wm. Spragen, Montpelier.....	300 ft. trammel	5.00
		1 tag .....	.10
914	J. J. Vogel, Hampton.....	10 hoops	5.00
		10 tags	1.00
		1 trammel	5.00
		1 tag .....	.10
915	H. O. Hartwig, Fairport.....	4 hoops	2.00
		4 tags .....	.40
916	Chambrun Bros., Dubuque.....	1 trammel	5.00
		1 tag .....	.10
917	G. L. Bickerson, Dubuque.....	2 hoops	1.00
		2 tags .....	.20
918	W. A. Parson, Dubuque.....	1 trammel	5.00
		1 tag .....	.10
919	T. Jacobson, Dubuque.....	1 dip .....	.50
		1 tag .....	.10
920	J. Henschle, Dubuque.....	1 dip .....	.50
		1 tag .....	.10
921	Chas. E. Brok, Princeton.....	300 ft. trammel	5.00
		1 tag .....	.10
922	Ben. J. Lutpe, Davenport.....	2 baits	1.00
		2 tags .....	.20
923	H. D. Snyder, Fairport.....	10 hoops	5.00
		10 tags	1.00
924	Bert Hawks, Muscatine.....	5 hoops	2.50
		5 tags .....	.50
925	Wm. Anson, Camanche.....	300 ft. trammel	5.00
		1 tag .....	.10
926	Sherman Bell, Fairport.....	10 hoops	5.00
		10 tags	1.00
927	John Johnson, Davenport.....	300 ft. seine	10.00
		1 tag .....	.10
		10 hoops	5.00
		10 tags	1.00

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1912, TO JULY 1,
1913.—CONTINUED.

No.	Name and Address	For	Amount
928	Lue Eland, Davenport.....	150 ft. trammel	5.00
		1 tag .....	.10
		4 baits	2.00
		4 tags .....	.40
929	Wm. Mummert, Dubuque.....	300 ft. trammel	5.00
		1 tag .....	.10
930	Peter Schwartz, E. Dubuque.....	600 ft. trammel	10.00
		2 tags .....	.20
931	Chas. Blum, Dubuque.....	300 ft. trammel	5.00
		1 tag .....	.10
932	Fred Fels, Specht Ferry.....	300 ft. trammel	5.00
		1 tag .....	.10
933	E. Ray Beach, Waupeton.....	300 ft. trammel	5.00
		1 tag .....	.10
934	John Maudt, Dubuque.....	500 ft. seine	10.00
		1 tag .....	.10
935	N. A. Parson, Dubuque.....	300 ft. trammel	5.00
		1 tag .....	.10
936	F. A. Cook, Davenport.....	450 ft. seine	10.00
		1 tag .....	.10
937	J. M. Smits, Oquawka, Ill.....	300 ft. trammel	5.00
		1 tag .....	.10
938	W. L. Linder, Burlington.....	1 hoop .....	.50
		1 tag .....	.10
939	Horace Sourwine, Burlington.....	1 hoop .....	.50
		1 tag .....	.10
940	E. L. Cahoon, Waukon Junction....	500 ft. seine	10.00
		1 tag .....	.10
		1 pound	4.00
		1 tag .....	.10
		3 pounds	3.00
		3 tags .....	.30
941	Orey Jaussen, Davenport.....	1 bait .....	.50
		1 tag .....	.10
942	Andrew Erie, Guttenberg.....	300 ft. trammel	5.00
		1 tag .....	.10
943	P. N. Friedlein, Guttenberg.....	1 fyke .....	.50
		1 tag .....	.10
944	Wm. Wachendorf, No. Buena Vista	300 ft. trammel	5.00
		1 tag .....	.10
945	Geo. Erie, Guttenberg.....	8 fykes	4.00
		8 tags .....	.80
946	Peter Lang, Dubuque.....	1 hoop .....	.50
		1 tag .....	.10
947	Chas. Kelly, Specht Ferry.....	300 ft. trammel	5.00
		1 tag .....	.10
948	Chas. Smith, Specht Ferry.....	6 baits	3.00
		6 tags .....	.60
949	Chas. Buddin, Dubuque.....	1 hoop .....	.50
		1 tag .....	.10
950	L. D. Wright, Waupeton.....	8 baits	4.00
		8 tags .....	.80
951	Swau Olson, Dubuque.....	6 baits	3.00
		6 tags .....	.60
952	Mat Hay, Pleasant Valley.....	10 hoops	5.00
		10 tags	1.00
953	S. P. Pautel, Wapello.....	300 ft. trammel	5.00
		1 tag .....	.10
954	Frank Holliday, Davenport.....	300 ft. trammel	5.00
		1 tag .....	.10
955	Chas. Feiner, Clinton.....	5 baits	2.50
		5 tags .....	.50
956	Chris Christianson, Sioux City.....	300 ft. trammel	5.00
		1 tag .....	.10
957	J. K. Hartman, Burlington.....	10 baits	5.00
		10 tags	1.00
958	James Marshall, Sioux City.....	150 ft. trammel	5.00
		1 tag .....	.10
		2 hoops	1.00
		3 tags .....	.30
959	Wm. H. Dehning, Davenport.....	6 hoops	3.00
		6 tags .....	.60



View at State Game Farm, Des Moines, showing game keeper feeding young pheasants.

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1912, TO JULY 1,
1913.—CONTINUED.

CHAS. HOWARD.

Game Keeper, State Game Farm, Des Moines.

No.	Name and Address	For	Amount
900	Henry Dehning, Davenport.....	4 hoops	2.00
		4 tags .....	.40
901	John Steichen, Dubuque.....	2 hoops	1.00
		2 tags .....	.20
902	Deß Ham, Galland.....	10 baits	5.00
		10 tags	1.00
903	Roy Purry, Dubuque.....	2 pounds	2.00
		2 tags .....	.20
		6 hoops	5.00
		6 tags .....	.60
904	Peter Lang, Dubuque.....	2 hoops	1.00
		2 tags .....	.20
905	W. J. Henry, Burlington.....	5 baits	2.50
		5 tags .....	.50
906	Fred Fletcher, Biencoe.....	2 hoops	1.00
		2 tags .....	.20
907	Jake Wick, N. Buena Vista.....	11 baits	5.50
		11 tags	1.10
908	John Putman, Bellevue.....	5 baits	2.50
		5 tags .....	.50
909	Geo. Putman, Bellevue.....	5 baits	2.50
		5 tags .....	.50
910	O. L. Wunderlich, Dubuque.....	1 trammel	5.00
		1 tag .....	.10
911	Claud Dickey, Dallas City, Ill.....	400 ft. seine	10.00
		1 tag .....	.10
912	David Emerson, Burlington.....	15 hoops	7.50
		15 tags	1.50
913	Geo. Miser, Montrose.....	2 pounds	2.00
		2 tags .....	.20
914	Sam Petersen, Milan, Ill.....	300 ft. trammel	5.00
		1 tag .....	.10
915	C. C. Johnson, Lansing.....	600 ft. trammel	10.00
		2 tags .....	.20
916	C. O. Burmelster, Davenport.....	300 ft. trammel	5.00
		1 tag .....	.10
917	A. E. Black, Muscatine.....	200 ft. seine	10.00
		1 tag .....	.10
		300 ft. trammel	5.00
		1 tag .....	.10
		8 baits	4.00
		8 tags .....	.80
918	U. M. Schultz, New Boston, Ill.....	7 baits	3.50
		7 tags .....	.70
919	F. Almondinger, Fruitland.....	300 ft. trammel	5.00
		1 tag .....	.10
920	Chas. Hubunin, Camanche.....	5 baits	2.50
		5 tags .....	.50
921	Chas. D. Smits, Lyons.....	2 hoops	1.00
		2 tags .....	.20
922	Harry Behr, Camanche.....	5 baits	2.50
		5 tags .....	.50
923	Geo. Waldorf, Clinton.....	300 ft. seine	10.00
		1 tag .....	.10
924	Ole Olson, Clinton.....	300 ft. trammel	5.00
		1 tag .....	.10
925	E. M. Cross, Clinton.....	300 ft. trammel	5.00
		1 tag .....	.10
926	Fred Smith, Cordova.....	5 hoops	2.50
		5 tags .....	.50
927	Geo. W. Nelson, Muscatine.....	300 ft. trammel	5.00
		1 tag .....	.10
		2 hoops	1.00
		2 tags .....	.20
928	Lee Sulter, Le Claire.....	10 baits	5.00
		10 tags	1.00
929	Sam Meyer, Clinton.....	300 ft. trammel	5.00
		1 tag .....	.10

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1912, TO JULY 1, 1913.—CONTINUED.

No.	Name and Address	For	Amount
990	Claus Graap, Le Claire.....	300 ft. trammel	5.00
		1 tag .....	.10
		20 dips	10.00
		30 tags	2.00
991	Tom Allen, Le Claire.....	20 baits	10.00
		20 tags	2.00
992	S. C. George, Waukon Junction.....	300 ft. trammel	5.00
		1 tag .....	.10
993	Joe McMahon, Lansing.....	4 pounds	1.00
		4 tags .....	.40
994	F. M. King, Burlington.....	300 ft. trammel	5.00
		1 tag .....	.10
995	John West, Burlington.....	2 hoops	1.00
		2 tags .....	.20
996	James Knotts, Burlington.....	3 hoops	1.50
		3 tags .....	.30
997	Walter Brown, Burlington.....	1 hoop .....	.60
		1 tag .....	.10
998	C. Soles, Clayton.....	500 ft. seine	10.00
		1 tag .....	.10
999	D. J. Boardman, Harpers Ferry.....	500 ft. seine	10.00
		1 tag .....	.10
		10 baits	5.00
		10 tags	1.00
1000	A. H. Standley, Waukon Junction.....	500 ft. seine	10.00
		1 tag .....	.10
1001	Edw. Grober, Keokuk.....	3 hoops	1.00
		2 tags .....	.20
1002	J. S. Stanton, Keokuk.....	500 ft. seine	10.00
		1 tag .....	.10
1003	John Schwartz, Davenport.....	500 ft. seine	10.00
1004	George Bock, Davenport.....	300 ft. trammel	5.00
		1 tag .....	.10
		25 hoops	12.50
		20 tags	2.50
		SINCE JANUARY 1, 1913.	
1005	W. H. C. Elwell, McGregor.....	1,000 ft. seine	20.00
		3 tags .....	.30
1006	Zeb Hartman, Sabula.....	500 ft. seine	10.00
		1 tag .....	.10
1007	P. F. Franks, Dubuque.....	1 dip .....	.50
		1 tag .....	.10

License numbers between 1007 and 1051 not issued.

1001	D. H. Luckenbill, Medlapolis.....	500 ft. seine	10.00
		1 tag .....	.10
		3 hoops	1.20
		3 tags .....	.30
1002	Carl Spencer, Keokuk.....	255 ft. trammel	5.00
		1 tag .....	.10
1003	Geo. Bock, Davenport.....	300 ft. trammel	5.00
		1 tag .....	.10
		25 hoops	12.50
		25 tags	2.50
1004	Frank Burt, Keokuk.....	1,300 ft. trammel	20.00
		4 tags .....	.40
1005	L. Miller, Dallas City, Ill.....	300 ft. trammel	5.00
		1 tag .....	.10
1006	Chas. McMahan, Clinton.....	1 lb. net	4.00
		1 tag .....	.10
1007	Cuba Noyes, Mondamin.....	180 ft. trammel	5.00
		1 tag .....	.10
1008	John Kloapka, Dubuque.....	1 dip net .....	.50
		1 tag .....	.10
1009	John Studor, Dubuque.....	1 dip net .....	.50
		1 tag .....	.10
		300 ft. trammel	5.00

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1912, TO JULY 1, 1913.—CONTINUED.

No.	Name and Address	For	Amount
1000	Claud Dickey, Dallas City, Ill.....	1 tag .....	.10
		40 bait and 40 tags.....	24.00
1001	D. A. Moore, Bartlett.....	300 ft. trammel	5.00
		1 tag .....	.10
1002	Jos. Vilameier, Davenport.....	2 lb. nets	2.00
		2 tags .....	.20
1003	L. W. Howard, Camanche.....	300 ft. trammel	5.00
		1 tag .....	.10
1004	Amos Yost, Bartlett.....	300 ft. trammel	5.00
		1 tag .....	.10
1005	Matt Hay, Pleasant Valley.....	300 ft. trammel	5.00
		1 tag .....	.10
1006	Odie McPortland, Burlington.....	300 ft. trammel	5.00
		1 tag .....	.10
1007	C. E. Betz, Salix.....	300 ft. seine	10.00
		2 hoop nets	1.00
		3 tags .....	.30
1008	C. C. Burmeister, Davenport.....	300 ft. trammel	5.00
		1 hoop net .....	.50
		2 tags .....	.20
1009	John Frautsen, Dubuque.....	300 ft. trammel	5.00
		1 tag .....	.10
1070	Bert Mummert, Dubuque.....	300 ft. trammel	5.00
		1 tag .....	.10
1071	N. E. Brooke, Dubuque.....	300 ft. trammel	5.00
		1 tag .....	.10
1072	Rube Thorpe, Dubuque.....	1 dip net .....	.50
		1 tag .....	.10
1073	Anton Zopf, Dubuque.....	1 dip net .....	.50
		1 tag .....	.10
1074	W. G. Bieker, Dubuque.....	1 dip net .....	.50
		1 tag .....	.10
1075	A. J. Imber, New Boston, Ill.....	500 ft. seine	10.00
		1,300 ft. trammel	20.00
		120 baits	60.00
		125 tags	12.50
		2 lb. nets	2.00
		2 tags .....	.20
1076	Geo. Miyer, Montrose.....	300 ft. trammel	5.00
		1 tag .....	.10
1077	Thos. Allen, Le Claire.....	200 seine	10.00
		1 tag .....	.10
1078	Chris Huginin, Camanche.....	900 ft. trammel	15.00
		3 tags .....	.30
1079	Henry Baker, Le Claire.....	300 ft. trammel	5.00
		1 tag .....	.10
1080	C. Welkenbach, Davenport.....	300 ft. trammel	5.00
		1 tag .....	.10
1081	Chas. Shain, Dallas City.....	300 ft. trammel	5.00
		1 tag .....	.10
		20 fyke	10.00
		20 bait	10.00
		40 fyke	4.00
1082	Otto Wiland, Le Claire.....	300 ft. trammel	5.00
		6 bait	3.00
		7 fyke .....	.70
1083	B. F. Hand, Burlington.....	300 ft. trammel	5.00
		1 tag .....	.10
1084	Harris Valey, Davenport.....	300 ft. trammel	5.00
		1 tag .....	.10
1085	Fred Buhr, McPaul.....	300 ft. trammel	5.00
		1 tag .....	.10
1086	Albert Avery, Dubuque.....	300 ft. trammel	5.00
		1 dip net .....	.50
		2 tags .....	.20
1087	Wm. Stewart, Le Claire.....	300 ft. trammel	5.00
		1 tag .....	.10
1088	C. U. Scott, Davenport.....	1 dip net .....	.50
		1 tag .....	.10
1089	Carl Brock, Davenport.....	300 ft. trammel	5.00
		1 tag .....	.10

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1912, TO JULY 1, 1913.—CONTINUED.

No.	Name and Address	For	Amount
1090	J. W. Ross, Blencoe.....	2 hoop nets	1.00
		2 tags .....	.20
1091	Paul Heer, Burlington.....	1 lb. net	1.00
		1 tag .....	.10
1092	Christian Behr, Almont.....	2 fykes	1.00
		3 tags .....	.30
1093	Wm. Nuehring, Guttenberg.....	300 ft. trammel	5.00
		1 tag .....	.10
1094	Peter Schoenberger, Dubuque.....	1 dip net .....	.50
		1 tag .....	.10
1095	Fred Clow, Dubuque.....	300 ft. trammel	5.00
		1 tag .....	.10
1099	H. Clow, Dubuque.....	1 dip net .....	.50
		1 tag .....	.10
1097	Geo. Menkel, Dubuque.....	1 dip net .....	.50
		1 tag .....	.10
1098	Robt. Trayer, Lansing.....	300 ft. trammel	5.00
		1 tag .....	.10
1099	W. E. Wiedner, Harpers Ferry.....	40 lb. nets	40.00
		40 tags	4.00
1100	B. L. Boyer, Lansing.....	300 ft. trammel	10.00
		2 tags .....	.20
1101	Jake Wick, No. Buena Vista.....	9 fyke nets	4.50
		9 tags .....	.90
1102	Ed Atchison, No. Buena Vista.....	6 fyke nets	3.00
		6 tags .....	.60
1103	W. P. Wachendorff, No. Buena Vista.....	300 ft. trammel	5.00
		10 fyke nets	5.00
		5 bait nets	2.50
		16 tags	1.60
		15 fyke nets	7.50
		5 bait nets	2.50
		30 tags	3.00
1104	Ed Saylor, No. Buena Vista.....	300 ft. trammel	5.00
		1 tag .....	.10
1106	Dave James, Lansing.....	300 ft. trammel	5.00
		1 tag .....	.10
1107	John J. Murphy, Bettendorf.....	3 bait nets	1.50
		3 tags .....	.30
1108	F. Oelkers, Bettendorf.....	1 bait net .....	.50
		1 tag .....	.10
1109	Albert Strahn, Keokuk.....	1 hoop net .....	.50
		1 tag .....	.10
1110	J. B. Shaffer, Keokuk.....	1 hoop net .....	.50
		1 tag .....	.10
1111	J. Mundt, Dubuque.....	2 lb. nets	2.00
		2 tags .....	.20
1112	Joe Carpenter, Dubuque.....	1 dip net .....	.50
		1 tag .....	.10
1113	W. H. Hood, Dubuque.....	1 dip net .....	.50
		1 tag .....	.10
1114	F. J. Newoschner, Dubuque.....	300 ft. trammel	5.00
		1 tag .....	.10
1115	Wm. Newell, Dubuque.....	300 ft. trammel	5.00
		1 tag .....	.10
1116	R. C. McArdle, Clinton.....	1 lb. net	1.00
		1 tag .....	.10
1117	Lue Klant, Clinton.....	300 ft. trammel	5.00
		3 bait nets	1.50
		4 tags .....	.40
1118	Jno. W. Platte, New Boston, Ill.....	30 bait nets	15.00
		30 tags	3.00
1119	E. L. Brown, Bartlett.....	300 ft. trammel	5.00
		1 bait net .....	.50
		3 tags .....	.30
1120	Ferdinand Fisher, Davenport.....	300 ft. trammel	5.00
		1 tag .....	.10
1121	J. H. Stender, Davenport.....	300 ft. trammel	5.00
		6 hoop nets	3.00
		7 tags .....	.70
1122	Claude Graap, Le Claire.....	300 ft. trammel	5.00
		1 tag .....	.10

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1912, TO JULY 1, 1913.—CONTINUED.

No.	Name and Address	For	Amount
1123	Rockrohr & Elliott, Leons.....	225 ft. trammel	5.00
		1 tag .....	.10
1124	Levi Boardman, Lansing.....	600 ft. trammel	10.00
		2 tags .....	.20
1125	Wm. Pugh, Lansing.....	500 ft. seine	10.00
		1 tag .....	.10
1126	Henry Bowman, Burlington.....	300 ft. trammel	5.00
		1 tag .....	.10
1127	Frank M. King, Burlington.....	300 ft. trammel	5.00
		6 hoop nets	3.00
		7 tags .....	.70
1128	Ed Dahlsten, Burlington.....	8 bait nets	4.00
		8 tags .....	.80
1129	J. A. Dostman, Burlington.....	1 dip net .....	.50
		1 tag .....	.10
1130	Dan Miller, Lansing.....	300 ft. trammel	5.00
		1 tag .....	.10
1131	Albert Feider, Lansing.....	300 ft. trammel	5.00
		1 tag .....	.10
1132	Earl Terry, Bettendorf.....	3 hoop nets	1.50
		3 tags .....	.30
		1 bait net .....	.50
		1 tag .....	.10
1133	Jacob Diver, Davenport.....	300 ft. trammel	5.00
		10 fyke nets	5.00
		10 bait nets	5.00
		21 tags	2.10
1134	Samuel Tinkey, No. Buena Vista.....	300 ft. trammel	5.00
		1 tag .....	.10
1135	Feiner Fish Co., Camanche.....	300 ft. trammel	5.00
		1 tag .....	.10
1136	A. Sherwood, Bettendorf.....	2 hoop nets	1.00
		2 tags .....	.20
1137	Joe Mohn, Lansing.....	600 ft. trammel	10.00
		2 tags .....	.20
1138	J. H. Ramsey, Sabula.....	2 hoop nets	1.00
		2 tags .....	.20
1139	J. E. Demmons, Sabula.....	4 hoop nets	2.00
		4 tags .....	.40
1140	W. Schultz, Sabula.....	15 hoop nets	7.50
		15 tags	1.50
1141	R. O. Boyd, Montrose.....	1 hoop net .....	.50
		1 tag .....	.10
1142	Roy Rohwer, Davenport.....	2 hoop nets	1.00
		2 tags .....	.20
1143	Henry Dehning, Davenport.....	4 hoop nets	2.00
		4 tags .....	.40
1144	Art Gokey, Lansing.....	300 ft. trammel	5.00
		1 tag .....	.10
1145	Henry Stafford, Dubuque.....	300 ft. trammel	5.00
		1 tag .....	.10
1146	John Thiltgen, Dubuque.....	300 ft. trammel	5.00
		1 tag .....	.10
1147	Peter Lang, Dubuque.....	2 hoop nets	1.00
		2 tags .....	.20
1148	Henry Saengling, Guttenberg.....	500 ft. seine	10.00
		300 ft. trammel	5.00
		2 tags .....	.20
1149	U. Gantenbein, New Albin.....	500 ft. seine	10.00
		5 pound nets	5.00
		5 bait nets	2.50
		11 tags	1.10
		5 bait nets	2.50
		5 tags .....	.50
1151	Wm. Dehning, Davenport.....	6 hoop nets	3.00
		6 tags .....	.60
1152	Geo. B. May, New Albin.....	500 ft. seine	10.00
		5 pound nets	5.00
		10 bait nets	5.00
		15 tags	1.50
1153	L. F. May, New Albin.....	500 ft. seine	10.00
		1 pound net	4.00
		30 bait nets	15.00
		32 tags	3.20

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1912, TO JULY 1, 1913.—CONTINUED.

No.	Name and Address	For	Amount
1154	Chas. May, New Albin.....	10 bait nets	5.00
		10 tags	1.00
1155	Henry Gardner, Burlington.....	300 ft. trammel	5.00
		1 tag	.10
1156	Fred W. Croft, Burlington.....	300 ft. trammel	5.00
		1 tag	.10
1157	Christ Larsen, Le Claire.....	2 hoop nets	1.00
		5 tags	.20
1158	Jno. W. Platte, New Boston.....	2 bait nets	6.00
		12 tags	1.20
1159	W. A. McGowan, Waukon Junction	300 ft. trammel	5.00
		1 pound net	1.00
		5 tags	.20
1160	John Ataul, Waukon Junction.....	300 ft. trammel	5.00
		1 tag	.10
1161	Fred Mueller, Guttenberg.....	300 ft. seine	10.00
		1 tag	.10
1162	Chas. Lenger, Savannah, Ill.....	500 ft. seine	10.00
		300 ft. trammel	5.00
		2 tags	.20
1163	Joe Garrow, Savannah, Ill.....	600 ft. trammel	10.00
		10 hoop nets	5.00
		12 tags	1.20
1164	Chas. F. Smith, Savannah, Ill.....	10 hoop nets	5.00
		10 tags	1.00
1165	R. Alcorn, Savannah, Ill.....	10 bait nets	5.00
		10 tags	1.00
1166	A. H. Lehman, Burlington.....	3 bait nets	1.50
		3 tags	.30
1167	Luetje & Shannon, Davenport.....	1 fyke net	.50
		3 bait nets	1.50
		4 tags	.40
1168	Fritz Zernechel, Davenport.....	3 pound nets	2.00
		3 tags	.30
1169	H. Gibbs, Keithsburg, Ill.....	17 hoop nets	8.50
		17 tags	1.70
1170	Jake Hartman, Keithsburg, Ill.....	17 hoop nets	8.50
		17 tags	1.70
1171	Chas. Kys, Keithsburg, Ill.....	15 hoop nets	7.50
		15 tags	1.50
1172	A. C. Larson, McGregor.....	1,000 ft. seine	20.00
		3 pound nets	5.00
		10 bait nets	5.00
		15 tags	1.50
1173	Herman Stumpff, Dubuque.....	300 ft. trammel	5.00
		1 tag	.10
1174	Joe Carpenter, Dubuque.....	2 hoop nets	1.00
		2 tags	.20
1175	Wm. Priest, Dubuque.....	300 ft. trammel	5.00
		4 pound nets	4.00
		5 tags	.50
1176	Geo. Brown, Fruitland.....	300 ft. trammel	5.00
		1 tag	.10
1177	Wm. Anthony, Muscatine.....	300 ft. trammel	5.00
		1 tag	.10
1178	Casper Kallenberger, Muscatine.....	300 ft. seine	10.00
		3 bait nets	1.50
		4 tags	.40
1179	S. Bell, Muscatine.....	10 bait nets	5.00
		10 tags	1.00
1180	Chas. Stineman, Muscatine.....	10 bait nets	5.00
		10 tags	1.00
1181	Dan Harris, Muscatine.....	300 ft. trammel	5.00
		1 tag	.10
1182	Geo. Gibbs, Muscatine.....	10 bait nets	5.00
		10 tags	1.00
1183	Brink Harris, Muscatine.....	300 ft. trammel	5.00
		1 tag	.10
1184	D. G. Boardman, Harpers Ferry.....	300 ft. seine	10.00
		30 pound nets	30.00
		10 bait nets	5.00
		41 tags	4.10

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1912, TO JULY 1, 1913.—CONTINUED.

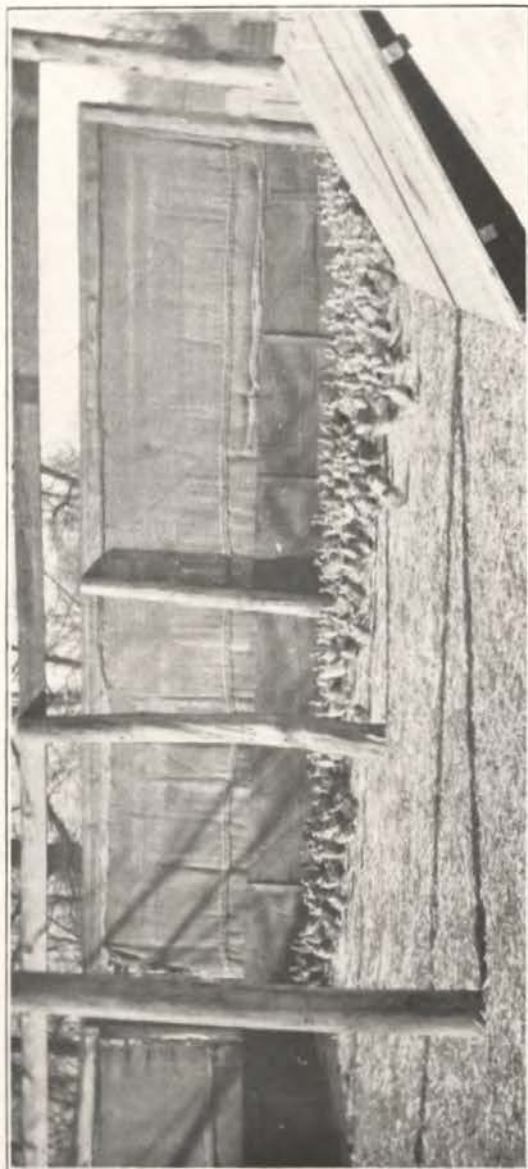
No.	Name and Address	For	Amount
1185	L. K. Currier, Sabula.....	25 hoop nets	12.50
		20 tags	2.00
1186	Jerry Hundevard, Sabula.....	2 bait nets	1.00
		2 tags	.20
1187	Frank Krotz, Davenport.....	1 hoop net	.50
		1 tag	.10
1188	John Wiedner, Harpers Ferry.....	1,000 ft. seine	20.00
		25 lb. nets	2.70
1189	John A. Wolter, Guttenberg.....	300 ft. trammel	3.00
		1 tag	.10
1190	Gabriel Pederson, Waterville.....	300 ft. trammel	5.00
		1 tag	.10
1191	Martin Oats, McGregor.....	300 ft. trammel	5.00
		1 tag	.10
1192	Sam Bailey, McGregor.....	300 ft. trammel	5.00
		1 tag	.10
1193	George Oats, Dubuque.....	300 ft. trammel	5.00
		1 tag	.10
1194	Wm. Rolph, McGregor.....	300 ft. trammel	5.00
		1 tag	.10
1195	H. C. Hartwig, Davenport.....	300 ft. trammel	5.00
		5 bait nets	2.50
		6 tags	.60
		2 bait nets	1.00
		2 tags	.20
1197	Wm. Titus, Davenport.....	300 ft. trammel	5.00
		1 tag	.10
1198	Tom Allen, Le Claire.....	20 bait nets	10.00
		20 tags	2.00
1199	Henry Whipka, Davenport.....	300 ft. trammel	5.00
		10 bait nets	5.00
		11 tags	1.10
1200	Claus Grasp, Le Claire.....	10 bait nets	5.00
		10 tags	1.00
1201	Jas. A. Farlong, Keokuk.....	3 hoop nets	1.50
		3 tags	.30
1202	R. R. Burns, Burlington.....	2 hoop nets	1.00
		2 tags	.20
1203	Jno. Eads, Burlington.....	4 hoop nets	2.00
		4 tags	.40
1204	Enos Moyers, Burlington.....	10 hoop nets	5.00
		10 tags	1.00
1205	Jim Hartman, Burlington.....	10 hoop nets	5.00
		10 tags	1.00
1206	J. Flory, Burlington.....	25 hoop nets	12.50
		25 tags	2.50
1207	J. S. Hilsinger, Le Claire.....	1 hoop net	.50
		1 tag	.10
1208	A. E. Baldridge, Davenport.....	2 hoop nets	1.00
		2 tags	.20
1209	Alfred Swift, Sabula.....	300 ft. trammel	5.00
		1 tag	.10
1210	Zeb Hartman, Sabula.....	300 ft. trammel	5.00
		30 hoop nets	15.00
		31 tags	3.10
1211	Chas. Schreiber, Hampton, Ill.....	30 hoop nets	3.00
		20 tags	2.00
1212	Wm. Lafferty, Oquawka, Ill.....	10 hoop nets	5.00
		10 tags	1.00
1213	Frank Cisna, Burlington.....	15 hoop nets	7.50
		15 tags	1.50
1214	T. V. Harrison, Sabula.....	300 ft. trammel	5.00
		1 bait net	.20
		2 tags	.20
1215	J. Strong Sabula.....	300 ft. trammel	5.00
		1 tag	.10
1216	M. B. Westgate, Camanche.....	300 ft. trammel	15.00
		3 tags	.30
1217	A. S. Miller, Savannah, Ill.....	300 ft. seine	10.00
		300 ft. trammel	5.00
		2 tags	.20

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1912, TO JULY 1,
 1913.—CONTINUED.

No.	Name and Address	For	Amount
1218	Walter Miller, Dubuque.....	1 dip net .....	.50
		1 tag .....	.10
1219	Geo. Waldorf, Dubuque.....	1 dip net .....	.50
		1 tag .....	.10
1220	Fred A. Newell, Davenport.....	150 ft. trammel	5.00
		1 tag .....	.10
1221	Wm. Pust, Dubuque.....	500 ft. seine	10.00
		1 tag .....	.10
1222	Jacob Putnam, Bellevue.....	300 ft. trammel	5.00
		1 tag .....	.10
1223	John Klein, Bellevue.....	300 ft. trammel	5.00
		1 tag .....	.10
1224	L. Spro, Bellevue.....	300 ft. trammel	5.00
		1 tag .....	.10
1225	W. A. McColey, Bellevue.....	300 ft. trammel	5.00
		1 fyke net .....	.50
		2 tags .....	.30
1226	Geo. Putman, Bellevue.....	300 ft. trammel	5.00
		1 tag .....	.10
1227	Wm. Martens, Rockingham.....	300 ft. trammel	5.00
		8 bait nets	4.00
		9 tags .....	.90
1228	Fred Fischer, Davenport.....	500 ft. seine	10.00
		1 tag .....	.10
1229	Daniel Ney, Princeton.....	300 ft. trammel	5.00
		1 tag .....	.10
1230	Dell Shaw, Princeton.....	300 ft. trammel	5.00
		1 tag .....	.10
1231	Sam Tinkey, No. Buena Vista.....	500 ft. seine	10.00
		1 tag .....	.10
1232	Harry Provin, Sabula.....	8 bait nets	4.00
		8 tags .....	.80
1233	Jas. Mead, McGregor.....	300 ft. trammel	5.00
		1 tag .....	.10
1234	Louis Beeten, Clayton.....	300 ft. trammel	5.00
		1 tag .....	.10
1235	Geo. W. Wier, McGregor.....	300 ft. trammel	5.00
		1 tag .....	.10
1236	E. S. Hill, McGregor.....	300 ft. trammel	5.00
		1 tag .....	.10
1237	Alva Allen, McGregor.....	300 ft. trammel	5.00
		1 tag .....	.10
1238	Leo Rolph, McGregor.....	300 ft. trammel	5.00
		1 tag .....	.10
1239	Matt Hill, McGregor.....	300 ft. trammel	5.00
		1 tag .....	.10
1240	Dave Meade, McGregor.....	300 ft. trammel	5.00
		1 tag .....	.10
1241	Chas. Meade, McGregor.....	300 ft. trammel	5.00
		1 tag .....	.10
1242	Len Adams, McGregor.....	300 ft. trammel	5.00
		1 tag .....	.10
1243	O. H. Bailey, McGregor.....	300 ft. trammel	5.00
		1 tag .....	.10
1244	C. Aug. Muehk, McGregor.....	300 ft. trammel	5.00
		10 hoop nets	5.00
		11 tags	1.10
1245	Henry Saengling, Guttenberg.....	500 ft. seine	10.00
		2 lb. nets	2.00
		3 tags .....	.30
1246	Lome Short, Camanche.....	300 ft. trammel	5.00
		1 tag .....	.10
1247	John Johnson, Davenport.....	5 bait nets	2.50
		5 tags .....	.50
1248	Herman Jahn, Princeton.....	300 ft. trammel	5.00
		1 tag .....	.10
1249	Howard Shaw, Princeton.....	300 ft. trammel	5.00
		1 tag .....	.10
1250	J. H. Piersol, Folletts.....	500 ft. seine	10.00
		1 tag .....	.10
1251	Geo. Martens, Davenport.....	1 hoop net .....	.50
		1 tag .....	.10

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1912, TO JULY 1,
1913.—CONTINUED.

No.	Name and Address	For	Amount
1252	D. G. Boardman, Davenport.....	500 ft. seine	10.00
		3 hoop nets	2.50
		6 tags .....	.00
1253	John Deager, Bellevue.....	500 ft. seine	10.00
		1 tag .....	.10
1254	J. C. Schmidt, Bellevue.....	20 hoop nets	10.00
		25 tags	2.00
1255	Albert Robinson, Bellevue.....	300 ft. trammel	5.00
		1 tag .....	.10
1256	Fred Fels, Dubuque.....	500 ft. seine	10.00
		1 tag .....	.10
1257	A. Ehrhardt, Bellevue.....	300 ft. trammel	5.00
		1 tag .....	.10
1258	Geo. Hartman, Kelthsburg.....	20 hoop nets	10.00
		20 tags	1.00
1259	Jap Henry, Burlington.....	10 hoop nets	5.00
		10 tags	1.00
1260	Wm. Sprague, Montpelier.....	300 ft. trammel	5.00
		1 tag .....	.10
1261	Chas. Johnson, Galland.....	300 ft. trammel	5.00
		1 tag .....	.10
1262	Jas. A. Kelley, McGregor.....	300 ft. trammel	5.00
		1 tag .....	.10
1263	Elza E. Oats, McGregor.....	300 ft. trammel	5.00
		1 tag .....	.10
1264	Wm. B. Ollard, McGregor.....	300 ft. trammel	5.00
		1 tag .....	.10
1265	Wm. Merritt, McGregor.....	300 ft. trammel	5.00
		1 tag .....	.10
1266	G. W. Nelson, Muscatine.....	300 ft. trammel	5.00
		1 tag .....	.10
1267	Chas. Jens, Davenport.....	3 hoop nets	1.50
		2 tags .....	.20
1268	J. E. Densmore, Sabula.....	1 lb. net	1.00
		1 tag .....	.10
1269	Odle McPortland, Burlington.....	8 hoop nets	4.00
		8 tags .....	.80
1270	Lawrence Austin, Davenport.....	100 ft. trammel	5.00
		1 tag .....	.10
1271	Jack Fletcher, Davenport.....	2 bait nets	1.00
		2 tags .....	.20
1272	Harry Hyer, Clinton.....	200 ft. trammel	5.00
		1 tag .....	.10
1273	W. G. & J. D. Stanton, Keokuk.....	4 bait nets	5.00
		4 tags .....	.40
1274	J. F. Wagner, Burlington.....	150 ft. trammel	5.00
		1 tag .....	.10
1275	Jno. W. Tide, Mediapolis.....	300 ft. trammel	5.00
		1 tag .....	.10
1276	G. E. Hisinger, Sabula.....	4 bait nets	2.00
		4 tags .....	.40
1277	Bert Mummerl, Dubuque.....	500 ft. seine	10.00
		1 tag .....	.10
1278	A. Avery, Dubuque.....	2 hoop nets	1.00
		2 tags .....	.20
1279	Theo. Wick, Dubuque.....	1 dip net .....	.50
		1 tag .....	.10
1280	Wm. Gere, Dubuque.....	300 ft. trammel	5.00
		1 tag .....	.10
1281	J. C. Stocumb, Clinton.....	300 ft. trammel	5.00
		1 tag .....	.10
1282	Chas. E. Doney, Clinton.....	300 ft. trammel	5.00
		1 tag .....	.10
1283	L. A. Zeisler, La Crosse, Wis.....	200 ft. seine	10.00
		10 bait nets	5.00
		11 tags	1.10
1284	Geo. Woodruff, Lyons.....	25 hoop nets	12.50
		25 tags	2.50
1285	Chas. Selleck, Clayton.....	200 ft. seine	10.00
		200 ft. trammel	5.00
		2 tags .....	.20



One of sixteen pens of Hungarian Partridge, State Game Farm, Des Moines, January, 1914.

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1912, TO JULY 1, 1913.—CONTINUED.

No.	Name and Address	For	Amount
1286	Peter Long, Vincennes	2 hoop nets	1.00
		2 tags	.20
1287	J. Mundt, Dubuque	500 ft. seine	10.00
		1 tag	.10
1288	Louis Smith, Dubuque	500 ft. seine	10.00
		1 tag	.10
1289	Andrew J. Tryon, Davenport	1 hoop net	.50
		1 tag	.10
1290	Emory Fuller, No. McGregor	500 ft. seine	10.00
		1 hoop net	.50
1291	Cancelled.	2 tags	.20
1292	Aaron Salladay, Ft Madison	300 ft. trammel	5.00
		1 tag	.10
1293	Henry Truhm, Davenport	1 hoop net	.50
		1 tag	.10
1294	A. F. Fosse, Waukon	1 fyke net	.00
		1 tag	.10
1295	G. W. Parker, West Keokuk	1 hoop net	.50
		1 tag	.10
1296	Jno. M. Canida, Keokuk	1 hoop net	.50
		1 tag	.10
1297	J. W. Shaffer, Keokuk	1 hoop net	.50
		1 tag	.10
1298	Scott Brooks, Lyons	300 ft. trammel	5.00
		1 tag	.10
1299	Chas. Schredter, Hampton, Ill.	30 hoop nets	10.00
		30 tags	2.00
1300	Oscar Howel, Spechts Ferry	300 ft. trammel	5.00
		1 tag	.10
1301	Edw. Schars, Dubuque	1 dip	.50
		1 tag	.10
1302	O. E. Brown, Dubuque	300 ft. trammel	5.00
		1 tag	.10
1303	Henry Wrennck, New Albin	300 ft. trammel	5.00
		1 tag	.10
1304	Emil Knoek, Guttenberg	300 ft. trammel	5.00
		1 tag	.10
1305	F. N. Prisdlein, Guttenberg	300 ft. trammel	5.00
		1 tag	.10
1306	Thos. Geo. Vincennes	2 hoops	1.00
		2 tags	.20
1307	F. J. Kitterer, Keokuk	1 hoop	.50
		1 tag	.10
1308	J. T. McAdams, Keokuk	4 baits	2.00
		4 tags	.40
1309	F. A. Cook, Davenport	450 ft. seine	10.00
		1 tag	.10
1310	Homer Ackerman, Keokuk	1 hoop	.50
		1 tag	.10
1311	Andrew F. Baule, Dubuque	1 hoop	.50
		1 tag	.10
1312	Geo. Foell, Sprechts	1 hoop	.50
		1 tag	.10
1313	A. P. Kuhn, Dubuque	1 dip	.50
		1 tag	.10
1314	Hugh Chandler, East Dubuque, Ill.	300 ft. trammel	5.00
		1 tag	.10
1315	Ole Olson, Clinton	300 ft. trammel	5.00
		1 tag	.10
1316	G. W. F. Burkamper, Le Claire	1 bait	.50
		1 tag	.10
1317	Burt Hawk, Muscatine	10 baits	5.00
		10 tags	1.00
1318	Walter Wolff, Davenport	300 ft. trammel	5.00
		6 tags	.60
		5 baits	2.50
1319	Wm. Koehler, Muscatine	300 ft. trammel	5.00
		1 tag	.10
1320	John Henningsen, Clinton	300 ft. trammel	5.00
		1 tag	.10

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1912, TO JULY 1, 1913.—CONTINUED.

No.	Name and Address	For	Amount
1321	A. C. Morris, Muscatine	300 ft. trammel	5.00
		1 tag	.10
1322	Spotted		
1323	D. E. Hertzler, Burlington	300 ft. trammel	5.00
		1 tag	.10
1324	O. E. Anderson, West Burlington	300 ft. trammel	5.00
		1 tag	.10
1325	J. P. Swygard, Mediapolis	300 ft. trammel	5.00
		1 tag	.10
1326	Geo. Haller, Burlington	150 ft. trammel	5.00
		1 tag	.50
1327	C. E. Smith, Clinton	1 hoop	.50
		1 tag	.10
1328	Thomas Kelly, Davenport	1 bait	.20
		1 tag	.10
1329	Chris Christianson, Sioux City	200 ft. trammel	5.00
		1 tag	.10
1330	F. J. Kotierer, Keokuk	2 hoops	1.00
		2 tags	.20
		1 dip	.50
1331	Dan'l Bretenstein, Keokuk	1 tag	.10
1332	Julius Kappenstein, Sioux City	300 ft. trammel	5.00
		1 tag	.10
		1 hoop	.50
		1 tag	.10
1333	J. W. Berry, Sioux City	3 hoops	1.50
		3 tags	.30
1334	Bert Hawley, Sioux City	300 ft. trammel	5.00
		1 tag	.10
1335	Henry Sidler, Sioux City	300 ft. trammel	5.00
		1 tag	.10
1336	Geo. Saltzman, Sioux City	300 ft. trammel	5.00
		1 tag	.10
1337	Jack Kallenbarger, Muscatine	300 ft. trammel	5.00
		6 baits	2.50
		6 tags	.60
1338	Arthur Stone, Clinton	300 ft. trammel	5.00
		1 tag	.10
1339	S. M. Kile, Muscatine	5 baits	2.50
		5 tags	.50
1340	W. A. Seright, Muscatine	300 ft. trammel	5.00
		12 baits	6.00
		12 tags	1.20
1341	A. E. Black, Muscatine	10 baits	5.00
		10 tags	1.00
1342	John Drollman, Guttenberg	4 pound	4.00
		4 tags	.40
1343	J. W. Berry, Sioux City	300 ft. trammel	5.00
		1 tag	.10
1344	Frank Minger, Turkey River	500 ft. seine	10.00
		1 tag	.10
1345	John Thiltgen, Sprechts Ferry	300 ft. trammel	5.00
		1 tag	.10
1346	M. B. Westgale, Camanche	300 ft. trammel	5.00
		1 tag	.10
1347	Ed. Saylor, No. Boons Vista	300 ft. trammel	5.00
		1 tag	.10
1348	John M. Canida, Keokuk	2 hoops	1.00
		2 tags	.20
1349	John Pape, Waupeton	300 ft. trammel	5.00
		1 tag	.10
1350	Sherman Greenwood, Cassville, Wis.	1,000 ft. seine	30.00
		2 tags	.20
1351	Frank King, Burlington	15 hoops	7.50
		15 tags	1.50
1352	Otis Brook, Sioux City	3 hoops	1.50
		3 tags	.30
1353	Dell Ham, Keokuk	7 baits	3.50
		7 tags	.70
1354	John Yeatch, Blencoe	4 baits	2.00
		4 tags	.40

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1912, TO JULY 1, 1913.—CONTINUED.

No.	Name and Address	For	Amount
1320	Herman Reimers, Davenport.....	1 hoop .....	.50
		1 tag .....	.10
1323	Henry Cook, Salsola.....	2 baits	1.00
		2 tags .....	.20
1327	Frank Heinze, Dubuque.....	300 ft. seine	10.00
		1 tag .....	.10
1328	Wm. Mummert, East Dubuque, Ill.....	200 ft. trammel	5.00
		1 tag .....	.10
1329	Clemens Thomas, Burlington.....	200 ft. trammel	5.00
		1 tag .....	.10
1329	C. W. Tashner, No. Buena Vista.....	200 ft. trammel	5.00
		1 tag .....	.10
1331	John Broekeiman, Burlington.....	2 hoops	1.00
		2 tags .....	.20
1332	J. B. Beavers, Spechts Ferry.....	2 hoops	1.00
		2 tags .....	.20
1333	Kelso Gibbs, Spechts Ferry.....	10 hoops	5.00
		10 tags	1.00
1361	J. S. Stitt, Grandview.....	6 hoops	3.00
		6 tags .....	.60
1363	Chas. Kauffman, Dubuque.....	1 dip .....	.50
		1 tag .....	.10
1366	J. L. Smith, Keokuk.....	1 dip .....	.50
		1 tag .....	.10
1367	E. B. Deal, Keokuk.....	1 dip .....	.50
		1 tag .....	.10
1368	Geo. T. Stevens, Keokuk.....	2 hoops	1.00
		2 tags .....	.20
1369	Chas. Huginin, Camanche.....	5 hoops	2.50
		5 tags .....	.50
1370	Thos. Huginin, Camanche.....	5 tags	2.50
		5 tags .....	.50
1371	C. J. Biehoff, Burlington.....	1 hoop .....	.50
		1 tag .....	.10
1372	Wm. Hartman, Burlington.....	2 hoops	1.00
		2 tags .....	.20
1373	Chas. Hentrick, Dubuque.....	1 hoop .....	.50
		1 tag .....	.10
1374	John West, Burlington.....	3 hoops	2.50
		3 tags .....	.50
1375	C. Brown, Dubuque.....	4 hoops	2.00
		4 tags .....	.40
1376	Wm. White, Spechts Ferry.....	200 ft. trammel	5.00
		1 tag .....	.10
1377	Henry Smothers, Pac. Jet.....	150 ft. seine	10.00
		1 tag .....	.10
1378	W. L. Haynes, Clinton.....	200 ft. trammel	5.00
		1 tag .....	.10
1379	Evin Lewis, Clinton.....	200 ft. trammel	5.00
		1 tag .....	.10
1380	Arthur Huggins, Clinton.....	200 ft. trammel	5.00
		1 tag .....	.10
1381	Heish Gordon, Camanche.....	200 ft. trammel	5.00
		1 tag .....	.10
1382	Wm. Burns, Clinton.....	200 ft. trammel	5.00
		1 tag .....	.10
1383	Sherman Stoern, Clinton.....	200 ft. trammel	5.00
		1 tag .....	.10
1384	M. D. Kaiser, Bellevue.....	10 baits	5.00
		10 tags	1.00
1385	Sam Habe, Lyons.....	6 hoops	3.00
		6 tags .....	.60
1386	Sam Jacobs, Lyons.....	6 hoops	3.00
		6 tags .....	.60
1387	C. C. Lutes, Bellevue.....	200 ft. trammel	5.00
		1 tag .....	.10
1388	Wm. Morgan, Keokuk.....	200 ft. trammel	5.00
		1 tag .....	.10
1389	Ed. Willard, Keokuk.....	10 hoops	5.00
		10 tags	1.00
1390	E. L. Cahoon, Harpers Ferry.....	200 ft. seine	10.00
		1 tag .....	.10

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1912, TO JULY 1, 1913.—CONTINUED.

No.	Name and Address	For	Amount
1391	Fred Smith, Princeton.....	10 hoops	7.50
		10 tags	1.50
1392	Harry Hayes, Bellevue.....	200 ft. trammel	5.00
		1 tag .....	.10
1393	Dell Ham, Keokuk.....	15 hoops	6.50
		15 tags	1.30
1394	Clarence Miller, Keokuk.....	1 dip .....	.50
		1 tag .....	.10
1395	Emil Weidner, Dubuque.....	500 ft. seine	10.00
1396	M. Dalby, Glenwood.....	200 ft. seine .....	.10
		1 tag .....	.10
1397	Tom Aten, Davenport.....	500 ft. seine	10.00
		1 tag .....	.10
1398	Cancelled.....		
1399	Cancelled.....		
1400	Cancelled.....		
	Total collections for year.....		\$ 7,631.32

BOUNDARY WATER LICENSES ISSUED FROM JULY 1, 1913, TO JULY 1, 1914.

No.	Name and Address	For	Amount
1401	Amos Yost, Bartlett.....	200 ft. trammel	5.00
		1 hoop .....	.50
		2 tags .....	.20
1402	D. A. Moore, Bartlett.....	200 ft. trammel	5.00
		1 hoop .....	.50
		2 tags .....	.20
1403	J. L. Tolston, Princeton.....	200 ft. trammel	5.00
		1 tag .....	.10
1404	Chas. Huginin, Camanche.....	500 ft. seine	10.00
		500 ft. trammel	15.00
		4 tags .....	.40
1405	D. M. Crighton, Mediapolis.....	200 ft. trammel	5.00
		6 hoops	3.00
		7 tags .....	.70
1406	John Morris, Sioux City.....	5 hoops	2.50
		6 tags .....	.60
1407	Robt. Hardin, Montrose.....	1 pound	1.00
		1 tag .....	.10
1408	Geo. Miser, Montrose.....	3 pounds	3.00
		3 tags .....	.30
1409	Chris Behr, Almont.....	4 fyke	2.00
		4 tags .....	.40
1410	Sam Peterson, Rockingham.....	200 ft. trammel	5.00
		1 tag .....	.10
1411	Herman Reimers, Davenport.....	2 hoops	1.00
		2 tags .....	.20
1412	Frank Burt, Keokuk.....	1,200 ft. trammel	30.00
		3 hoops	1.50
		10 tags	1.00
1413	Alfred Caspersen, No. McGregor.....	200 ft. trammel	5.00
		1 tag .....	.10
1414	Wm. McGowan, No. McGregor.....	1,000 ft. seine	20.00
		1 pound	4.00
		2 tags .....	.20
1415	E. L. Brown, Bartlett.....	200 ft. trammel	5.00
		1 hoop .....	.50
		1 bait .....	.50
		3 tags .....	.30
1416	Rudolph Sharp, Dubuque.....	200 ft. trammel	5.00
		1 dip .....	.50
		2 tags .....	.20

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1913, TO JULY 1,
1914.—CONTINUED.

No.	Name and Address	For	Amount
1417	H. Clow, Dubuque	1 dip	.50
		1 tag	.10
1418	W. G. Becker, Dubuque	1 dip	.50
		1 tag	.10
1419	Matt Hay, Pleasant Valley	300 ft. trammel	5.00
		10 baits	5.00
		11 tags	1.10
1420	Cuba Noyers, Mondamin	300 ft. trammel	5.00
		1 tag	.10
1421	M. L. Lewis, Mondamin	300 ft. trammel	5.00
		1 tag	.10
1422	Lolver James, Keokuk	300 ft. trammel	5.00
		1 tag	.10
1423	N. F. Freidlein, Dubuque	1 dip	.50
		1 tag	.10
1424	Wm. Platt, Camanche	600 ft. trammel	10.00
		2 tags	.50
1425	Walter Platt, Camanche	300 ft. trammel	5.00
		1 tag	.10
1426	Anton Zapf, Dubuque	1 dip	.50
		1 tag	.10
1427	Leo Zapf, Dubuque	1 dip	.50
		1 tag	.10
1428	John Kloupka, Dubuque	1 dip	.50
		1 tag	.10
1429	Sam'l Canida, W. Keokuk	1 hoop	.50
		1 tag	.10
1430	Clarence Hardin, Montrose	1 pound	1.00
		1 tag	.10
1431	M. Richardson, Pacific Jet	1 pound	4.00
		1 tag	.10
1432	Fred Mueller, Guttenberg	200 ft. seine	10.00
		1 tag	.10
1433	Wm. Wachendorf, No. Buena Vista	10 fykes	5.00
		10 tags	1.00
1434	Todd Fonkhouser, Whiting	300 ft. trammel	5.00
		1 tag	.10
1435	Lue Eland, Davenport	300 ft. trammel	5.00
		1 tag	.10
1436	August Behr, Almont	1 fyke	.50
		1 tag	.10
1437	Albert Avery, Dubuque	300 ft. trammel	5.00
		1 tag	.10
1438	Chas. Shane, Dallas City, Ill.	50 hoops	25.00
		50 tags	5.00
1439	Claudea Dickey, Dallas City, Ill.	50 hoops	25.00
		50 tags	5.00
1440	John W. Platte, New Boston, Ill.	300 ft. trammel	5.00
		50 baits	27.50
		50 tags	5.00
1441	John Studer, Dubuque	1 dip	.50
		1 tag	.10
1442	H. P. Stradman, Camanche	300 ft. trammel	5.00
		1 tag	.10
1443	Luth Howard, Camanche	300 ft. trammel	5.00
		1 tag	.10
1444	Hersch Gordon, Camanche	300 ft. trammel	5.00
		1 tag	.10
1445	Frank Furry, Waupeton	300 ft. trammel	5.00
		1 tag	.10
1446	John Franzen, Dubuque	300 ft. trammel	5.00
		1 tag	.10
1447	Fred Fischer, Davenport	300 ft. seine	10.00
		1 tag	.10
1448	Ole Olson, Clinton	300 ft. trammel	5.00
		1 tag	.10
1449	C. J. Straight, Bellevue	300 ft. trammel	5.00
		1 tag	.10
1450	N. H. Paust, Bellevue	10 hoops	5.00
		10 tags	1.00
1451	Walter Miller, Dubuque	1 dip	.50
		1 tag	.10

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1913, TO JULY 1,
1914.—CONTINUED.

No.	Name and Address	For	Amount
1452	J. C. Carpenter, Dubuque	1 dip	.50
		1 tag	.10
1453	J. B. Burnett, Dubuque	1 dip	.50
		1 tag	.10
1454	John Degear, Bellevue	300 ft. trammel	5.00
		1 tag	.10
1455	Joe Cerney, Davenport	1 dip	.50
		1 tag	.10
1456	E. M. Cross, Clinton	300 ft. trammel	5.00
		1 tag	.10
1457	Jos. Betaj, Bettendorf	1 hoop	.50
		1 tag	.10
1458	E. B. Deal, Keokuk	3 dops	1.50
		3 tags	.30
1459	W. H. Hall, Council Bluffs	300 ft. trammel	5.00
		1 tag	.10
1460	Mundt Bros., Dubuque	500 ft. seine	10.00
		1 tag	.10
1461	Wm. Mummert, E. Dubuque	300 ft. trammel	5.00
		1 tag	.10
1462	A. R. Kuhn, Dubuque	1 dip	.50
		1 tag	.10
1463	D. D. Nelson, Ft. Madison	300 ft. team	5.00
		11 tags	5.00
1464	Jno. Helm, No. Dubuque	1 dip	1.10
		1 tag	.50
1465	L. Selbert, Kingston	180 ft. trammel	5.00
		1 tag	.10
1466	Henry Gadan, Burlington	1 hoop	.50
		1 tag	.10
1467	J. F. Burcham, Mondamin	300 ft. team	5.00
		1 tag	.10
1468	Wm. A. Tuedel, Blue Grass	300 ft. team	5.00
		1 tag	.10
1469	Odie McPortland, Burlington	300 ft. team	5.00
		1 tag	.10
1470	Edw. Dahlsten, Burlington	8 hoops	4.00
		8 tags	.80
1471	Fred Croft, Burlington	300 ft. trammel	5.00
		1 tag	.10
1472	Geo. Stephens, Keithsburg, Ill.	2 hoops	1.00
		2 tags	.20
1473	Geo. Heck, Burlington	2 hoops	1.00
		2 tags	.20
1474	Chester B. Pung, Slocum	300 ft. trammel	5.00
		1 tag	.10
1475	Wm. Paust, Dubuque	300 ft. seine	10.00
		1 tag	.10
1476	Henry Mosher, Osterdock	300 ft. trammel	5.00
		1 tag	.10
1477	Jake Wick, No. Buena Vista	300 ft. seine	10.00
		1 tag	.10
1478	Aug. Gerberling, Burlington	75 ft. trammel	5.00
		1 tag	.10
1479	Henry Stafford, Dubuque	300 ft. trammel	5.00
		1 tag	.10
1480	Ernest Gosen, Clinton	300 ft. trammel	5.00
		1 tag	.10
1481	Hiram Chestnut, Weaver	300 ft. trammel	5.00
		1 tag	.10
1482	Geo. Oats, McGregor	300 ft. trammel	5.00
		1 tag	.10
1483	A. Hoffman, Davenport	300 ft. trammel	5.00
		1 tag	.10
1484	Frank Holliday, Davenport	300 ft. trammel	5.00
		1 tag	.10
1485	A. C. Kinyon, Sabula	2 baits	1.00
		2 tags	.20
1486	T. V. Harrison, Sabula	1 tag	.50
		2 baits	1.00
1487	J. P. Gage, Sabula	2 baits	1.00
		2 tags	.20

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1913, TO JULY 1, 1914.—CONTINUED.

No.	Name and Address	For	Amount
1488	Gerhardt & Von Vier, Lyons.....	250 ft. trammel	5.00
		1 tag	.10
1489	C. G. Johnson, McPaul.....	300 ft. trammel	5.00
		1 tag	.10
1490	Fred Buhr, McPaul.....	300 ft. trammel	5.00
		1 tag	.10
1491	R. S. Gore, Weaver.....	2 hoops	1.00
		2 tags	.20
1492	T. Batchelor, Council Bluffs.....	500 ft. seine	10.00
		1 tag	.10
1493	Sam Peterson, Davenport.....	5 fykes	3.50
		5 tags	.50
1494	Andrew Bofried, Council Bluffs.....	300 ft. trammel	5.00
		6 hoops	3.00
		7 tags	.70
1495	Chas. Brown, Dubuque.....	300 ft. trammel	5.00
		1 tag	.10
1496	F. H. Glaney, Montrose.....	1 pound	1.00
		1 tag	.10
1497	John Johnson, Davenport.....	8 baits	4.00
		8 tags	.80
1498	W. H. Vincent, Council Bluffs.....	300 ft. trammel	5.00
		1 tag	.10
1499	John Pape, Waupeton.....	500 ft. seine	10.00
		1 tag	.10
1500	R. W. Furry, Waupeton.....	300 ft. trammel	5.00
		1 tag	.10
1501	A. O. Swift, Sabula.....	2 baits	1.00
		2 tags	.20
1502	George Martens, Davenport.....	2 hoops	1.00
		2 tags	.20
1503	G. E. Helsing, Sabula.....	6 baits	3.00
		6 tags	.60
1504	G. H. Heilman, Ft. Madison.....	1 dip	.50
		1 tag	.10
1505	Wm. Wachendoy, No. Buena Vista.....	500 ft. seine	10.00
		1 tag	.10
1506	J. H. Sales, Council Bluffs.....	500 ft. seine	10.00
		1 tag	.10
1507	Henry Baker, Salix.....	300 ft. trammel	5.00
		1 tag	.10
1508	Mathis Martine, Rockingham.....	300 ft. trammel	5.00
		8 hoops	4.00
		9 tags	.90
1509	S. A. Gault, Dubuque.....	300 ft. trammel	5.00
		1 hoop	.50
		2 tags	.20
1510	John Atehison, No. Buena Vista.....	300 ft. trammel	5.00
		1 tag	.10
1511	Ed. Reuther, Montrose.....	1 pound	1.00
		1 tag	.10
1512	J. H. Piersol, Camanche.....	300 ft. trammel	5.00
		1 tag	.10
1513	Spotted.....		
1514	Martin Broersh, Dubuque.....	1 dip	.50
		1 tag	.10
1515	W. H. Hood, Dubuque.....	1 dip	.50
		1 tag	.10
1516	John Thiltgen, Specht's Ferry.....	2 hoops	1.00
		2 tags	.20
1517	Geo. Waklorf, Dubuque.....	1 dip	.50
		1 tag	.10
1518	Roy Dodge, Sabula.....	300 ft. trammel	5.00
		1 tag	.10
1519	E. C. Hamerand, Bellevue.....	300 ft. trammel	5.00
		1 tag	.10
1520	Thos. Aten, Davenport.....	10 hoops	5.00
		10 tags	1.00
1521	Casper Welzenbach, Davenport.....	300 ft. trammel	5.00
		1 tag	.10

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1913, TO JULY 1, 1914.—CONTINUED.

No.	Name and Address	For	Amount
1522	C. L. Schultz, Le Claire.....	300 ft. trammel	5.00
		1 tag	.10
1523	Ralph Putman, Bellevue.....	300 ft. trammel	5.00
		1 tag	.10
1524	Geo. Putman, Bellevue.....	300 ft. trammel	5.00
		1 tag	.10
1525	C. C. Lutes, Bellevue.....	500 ft. seine	10.00
		1 tag	.10
1526	John Klein, Bellevue.....	300 ft. trammel	5.00
		1 tag	.10
1527	Harry Hayes, Bellevue.....	300 ft. trammel	5.00
		1 tag	.10
1528	Wm. Morgan, Keithsburg, Ill.....	500 ft. seine	10.00
		1 tag	.10
1529	Rob't Alcoln, Savannah, Ill.....	10 hoops	5.00
		10 tags	1.00
1530	Frank Simpson, Sabula.....	300 ft. trammel	5.00
		1 tag	.10
1531	Geo. Poell, Specht's Ferry.....	2 hoops	1.00
		2 tags	.20
1532	Order Meportland, Burlington.....	8 hoops	4.00
		8 tags	.80
1533	Joe Benzler, Dubuque.....	500 ft. seine	10.00
		1 tag	.10
1534	Geo. Martin, St. Donat's.....	300 ft. seine	5.00
		6 hoops	3.00
		7 tags	.70
1535	Jesse Workman, Sioux City.....	5 hoops	2.50
		1 fyke	.50
		6 tags	.60
1536	Anton Bean, Dubuque.....	10 hoops	5.00
		10 tags	1.00
1537	Frank Stimpson, Sabula.....	500 ft. seine	10.00
		20 hoops	10.00
		21 tags	10.00
		16 hoops	8.00
		16 tags	1.00
1538	Walter Schultz, Sabula.....	300 ft. trammel	5.00
		1 tag	.10
1539	Sam Gilbert, Muscatine.....	10 hoops	5.00
		10 tags	1.00
1540	Geo. Gibbs, Muscatine.....	300 ft. trammel	5.00
		8 hoops	4.00
		8 tags	.80
1541	Helse Gibbs, Muscatine.....	300 ft. trammel	5.00
		1 tag	.10
1542	Fred Clow, Dubuque.....	10 hoops	5.00
		10 tags	1.00
1543	Wm. Harper, Keithsburg, Ill.....	40 hoops	20.00
		40 tags	4.00
1544	Geo. Hartman, Keithsburg, Ill.....	15 hoops	6.00
		15 tags	1.50
1545	Jacob Hartman, Keithsburg, Ill.....	300 ft. seine	10.00
		1 tag	.10
1546	S. A. Gault, Bellevue.....	300 ft. trammel	5.00
		1 tag	.10
1547	John Delish, Council Bluffs.....	4 hoops	2.00
		4 tags	.40
1548	J. P. Walker, Council Bluffs.....	300 ft. trammel	5.00
		1 tag	.10
1549	George Brown, Fruitland.....	300 ft. trammel	5.00
		1 tag	.10
1550	Ed. McDaniel, New Boston, Ill.....	1 tag	.10
		15 hoops	7.50
		15 tags	1.50
1551	Hiram Gibbs, Keithsburg, Ill.....	3 hoops	1.50
		3 tags	.30
1552	Harry Chambers, Dubuque.....	10 hoops	5.00
		10 tags	1.00
1553	J. C. Schmidt, Bellevue.....		

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1913, TO JULY 1, 1914.—CONTINUED.

No.	Name and Address	For	Amount
1555	Herman Havill, Bellevue	300 ft. trammel	5.00
		4 fykes	2.00
		5 tags	.50
1556	Bruser Bros., New Boston, Ill.	1,000 ft. seine	20.00
		300 ft. trammel	5.00
		25 hoops	37.50
		28 tags	7.50
1557	Harry Starr, Rock Island	450 ft. seine	10.00
		1 tag	.10
1558	G. W. Parker, Keokuk	1 hoop	.50
		1 tag	.10
1559	Dell Ham, Keokuk	300 ft. trammel	5.00
		15 hoops	7.50
		16 tags	1.00
1560	Grafton Strahn, Keokuk	1 hoop	.50
		1 tag	.10
1561	Albert Strahn, Keokuk	1 hoop	.50
		1 tag	.10
1562	Fred Fernald, Oquawka, Ill.	300 ft. trammel	5.00
		1 tag	.10
1563	Ira Hoss, Oquawka, Ill.	300 ft. trammel	5.00
		1 tag	.10
1564	Dirk Lakeber, Keokuk	300 ft. trammel	5.00
		1 tag	.10
1565	Aaron Lulladay, Ft. Madison	300 ft. trammel	5.00
		1 tag	.10
1566	S. M. File, Muscatine	10 hoops	5.00
		10 tags	1.00
1567	Arthur Lettler, Muscatine	10 hoops	5.00
		10 tags	1.00
1568	August Rodenberg, Guttenberg	300 ft. trammel	5.00
		1 tag	.10
1569	Chas. E. Scholz, Guttenberg	150 ft. trammel	5.00
		1 tag	.10
1570	Win. Neuring, Guttenberg	500 ft. seine	10.00
		1 tag	.10
1571	J. Chaloupka, Dubuque	300 ft. trammel	5.00
		1 tag	.10
1572	Mundt Bros., Dubuque	8 bait	4.00
		8 tags	.80
1573	E. E. Hammond, Sioux City	2 hoops	1.00
		2 tags	.20
1574	Chris Christianson, Sioux City	300 ft. trammel	5.00
		2 hoops	1.00
		3 tags	.30
		2 hoops	1.00
		2 tags	.20
1575	A. C. Hawley, Sioux City	300 ft. trammel	5.00
		1 tag	.10
1577	Jerry Hundevard, Sabula	2 baits	1.00
		2 tags	.20
1578	Thos. Thompson, Sabula	2 baits	1.00
		2 tags	.20
1579	Wm. Drury, Sabula	300 ft. trammel	5.00
		1 tag	.10
1580	J. E. Densmore, Sabula	5 hoops	2.50
		5 tags	.50
1581	Frank Ketterri, Keokuk	2 hoops	1.50
		2 tags	.20
1582	F. J. Ketterri, Keokuk	2 hoops	1.00
		2 tags	.20
1583	D. G. Boardman, Harpers Ferry	1,000 ft. seine	20.00
		30 pound	20.00
		5 hoops	2.50
		10 baits	5.00
		47 tags	4.70
1584	Joe Schmidt, Ft. Madison	300 ft. trammel	5.00
		1 tag	.10
1585	C. R. Sutton, Ft. Madison	2 hoops	1.00
		2 tags	.20

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1913, TO JULY 1, 1914.—CONTINUED.

No.	Name and Address	For	Amount
1586	Sherman Greenwood, Cenville, Wis.	200 ft. seine	10.00
		300 ft. trammel	5.00
		25 hoops	10.00
		22 tags	2.20
1587	J. B. Beavers, No. Buena Vista	8 bait	4.00
		8 tags	.80
1588	O. J. Scott, Davenport	1 dip	.50
		1 tag	.10
1589	J. H. Coulter, Summitville	1 hoop	.50
		1 tag	.10
1590	Chas. Gerber, Burlington	30 hoops	15.00
		30 tags	3.00
1591	C. E. Miller, Dallas City, Ill.	19 hoops	5.00
		10 tags	1.00
1592	Harry Fueset, Oquawka, Ill.	10 hoops	5.00
		19 tags	1.00
1593	Paul Heer, Burlington	1 pound	1.00
		1 tag	.10
1594	Aug. Englehaubt, Clinton	300 ft. trammel	5.00
		1 tag	.10
1595	J. H. Grousekemper, Ft. Madison	300 ft. trammel	5.00
		1 tag	.10
1596	Otis Cooper, Keokuk	1 hoop	.50
		1 tag	.10
1597	W. A. McColley, Bellevue	500 ft. seine	10.00
		1 tag	.10
1598	S. M. Keman, Harpers Ferry	1,000 ft. seine	20.00
		20 pound	20.00
		22 tags	2.20
1599	Louis Malsack, Davenport	300 ft. trammel	5.00
		1 tag	.10
1600	J. B. Wise, Sabula	300 ft. trammel	5.00
		2 tags	.20
		1 bait	.50
1601	J. C. Schmidt, Bellevue	10 hoops	5.00
		10 tags	1.00
1602	Jacob Putman, Bellevue	200 ft. trammel	5.00
		1 tag	.10
1603	Jos. Vilsmier, Davenport	3 pound	3.00
		2 tags	.20
1604	Fritz Zerneckel, Davenport	3 pound	3.00
		3 tags	.30
1605	Ben Hynn, Davenport	300 ft. trammel	5.00
		1 tag	.10
1606	E. H. Stender, Nabant	3 hoops	2.50
		5 tags	.50
1607	J. A. Wagner, Montrose	1 pound	1.00
		1 tag	.10
1608	John Wiedner, Harpers Ferry	1,000 ft. seine	20.00
		25 pound	25.00
		4 hoops	2.00
		21 tags	2.10
1609	A. O. Swift, Sabula	300 ft. trammel	5.00
		1 tag	.10
1610	George Hardy, Montpelier	300 ft. trammel	5.00
		1 tag	.10
1611	Geo. E. Smith & E. Gilky, Montpelier	300 ft. trammel	5.00
		4 hoops	2.00
		5 tags	.50
1612	W. M. Spragur, Montpelier	300 ft. trammel	5.00
		1 tag	.10
1613	Ed Dresden, Montpelier	300 ft. trammel	5.00
		1 tag	.10
1614	C. V. Griggs, Ft. Madison	4 hoops	2.00
		4 tags	.40
1615	Daniel Ney, Princeton	300 ft. trammel	5.00
		1 tag	.10
1616	H. C. Thomsen, Davenport	300 ft. trammel	5.00
		1 tag	.10
1617	Claus Graap, Le Claire	300 ft. trammel	5.00
		1 tag	.10

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1913, TO JULY 1,
1914.—CONTINUED.

No.	Name and Address	For	Amount
1615	Floyd Ammaelinger, Fruitland	300 ft. trammel	5.00
		1 tag	.10
1619	A. C. Morris, Muscatine	300 ft. trammel	5.00
		1 tag	.10
1620	W. A. Seright, Fruitland	300 ft. trammel	5.00
		1 tag	.10
1621	O. F. Kaftenberger, Muscatine	300 ft. trammel	5.00
		2 hoops	1.00
		3 tags	.30
1622	Wm. Parrish, Muscatine	300 ft. trammel	5.00
		300 ft. seine	10.00
		2 hoops	1.00
		4 tags	.40
1623	Fred Schrank, Turkey River	1 pound	1.00
		1 tag	.10
1624	Jacob Kriehardt, Guttenberg	1 bait	.50
		1 tag	.10
1625	E. C. Andregg, Guttenberg	300 ft. trammel	5.00
		1 tag	.10
1626	Joe Skoleck, Clayton	300 ft. trammel	5.00
		1 tag	.10
1627	Fred Froelich, Guttenberg	300 ft. trammel	5.00
		1 tag	.10
1628	Ed. Saylor, No. Buena Vista	500 ft. seine	10.00
		15 fykes	7.50
		16 tags	1.60
		5 baits	2.50
		5 tags	.50
		1 dip	.50
		1 tag	.10
		1 bait	.50
		1 tag	.10
1628	H. L. Havill, Bellevue	500 ft. seine	10.00
		1 tag	.10
1628	C. C. Lutes, Bellevue	600 ft. trammel	5.00
		1 tag	.10
1628	Mundt Bros., Dubuque	1 pound	1.00
		1 tag	.10
1628	Osker Howel, Spechts Ferry	300 ft. trammel	5.00
		1 tag	.10
1636	Emil J. Wiedner, Dubuque	2 pound	2.00
		7 hoop	2.50
		9 tags	.90
1637	E. F. Cook, Spechts Ferry	300 ft. trammel	5.00
		1 tag	.10
1638	Fred Fels, Dubuque	300 ft. trammel	5.00
		1 fyke	.50
		2 tags	.20
		10 hoops	5.00
		10 tags	1.00
1640	H. W. Parrish, Fruitland	300 ft. trammel	5.00
		2 hoops	1.00
		3 tags	.30
1641	Spotted		
1642	Thos. Hugunin, Camanche	300 ft. trammel	5.00
		1 tag	.10
1643	M. B. Westgate, Camanche	600 ft. trammel	10.00
		2 tags	.20
1644	Chas. Doney, Clinton	300 ft. trammel	5.00
		1 tag	.10
1645	Tim Salladay, Ft. Madison	2 hoops	1.00
		2 tags	.20
1646	W. Eger & C. Middleton, Muscatine	300 ft. trammel	5.00
		1 tag	.10
1647	A. J. Wheeler, Wapello	600 ft. seine	10.00
		300 ft. trammel	5.00
		10 hoops	5.00
		12 tags	1.20
1648	A. H. Kessler, Muscatine	300 ft. trammel	5.00
		1 tag	.10

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1913, TO JULY 1,
1914.—CONTINUED.

No.	Name and Address	For	Amount
1649	Aug. A. Ames, Ft. Madison	1 hoop	4.00
		1 tag	.10
1650	Dan Velley, Prairie du Chien	1,000 ft. seine	20.00
		2 tags	.20
1651	S. H. Bush, Prairie du Chien	300 ft. seine	10.00
		1 tag	.10
1652	P. J. Gremoir, Prairie du Chien	500 ft. seine	10.00
		1 tag	.10
1653	Zeb Hartman, Sabula	25 hoops	12.50
		25 tags	2.50
1654	Jake Berry, Sabula	2 baits	1.00
		3 tags	.30
1655	Geo. Clarke, Dubuque	300 ft. trammel	5.00
		2 hoops	1.00
		3 tags	.30
1656	Emil Kauffman, Dubuque	1 dip	.50
		1 tag	.10
1657	J. C. Laylor, No. Buena Vista	1,000 ft. seine	20.00
		1 pound	4.00
		3 pounds	3.00
		3 fykes	1.50
		9 tags	.90
		2 hoops	1.00
		2 tags	.20
1658	Henry Dehning, Nahant	300 ft. trammel	5.00
		1 tag	.10
1659	Howard Shaw, Princeton	30 hoops	10.00
		29 tags	2.90
1661	Bernard Ney, Princeton	300 ft. trammel	5.00
		1 tag	.10
1662	Chas. Shaw, Princeton	300 ft. trammel	5.00
		1 tag	.10
1663	H. Jobe, Keokuk	200 ft. trammel	5.00
		1 tag	.10
1664	Clarence Hammond, Keokuk	300 ft. trammel	5.00
		1 tag	.10
1665	Otto Jackson, Keokuk	600 ft. trammel	10.00
		2 tags	.20
1666	J. B. Shaffer, Keokuk	2 hoops	1.00
		2 tags	.20
1667	Pete Long, Keokuk	2 hoops	1.00
		2 tags	.20
1668	Hans. A. Goettach, Walcott	2 hoops	1.00
		2 tags	.20
1669	John Clementson, Council Bluffs	300 ft. trammel	5.00
		1 tag	.10
1670	F. H. Clancy, Montrose	2 pounds	3.00
		2 tags	.20
1671	John Veatch, Bienece	4 baits	2.00
		4 tags	.40
1672	C. E. Wisdom, Burlington	300 ft. trammel	5.00
		1 tag	.10
1673	Wm. L. Linder, Burlington	300 ft. trammel	5.00
		1 tag	.10
1674	Jap Henry, Burlington	10 hoops	5.00
		10 tags	1.00
1675	Mikes Miller, Burlington	2 hoops	1.00
		2 tags	.20
1676	R. T. Smith, Weaver	6 hoops	3.00
		6 tags	.60
1677	Jim Hartman, Burlington	8 hoops	4.00
		8 tags	.80
1678	Alex Bideaw, Dubuque	300 ft. trammel	5.00
		1 tag	.10
1679	Chas. Manglee, Green Island	300 ft. trammel	5.00
		1 bait	.50
		2 tags	.20
1680	Julius Beck, Davenport	2 baits	1.00
		2 tags	.20
1681	Wm. Pust, Dubuque	2 pounds	2.00
		2 tags	.20

BOUNDARY WATER LICENSES ISSUED, JULY 1, 1913, TO JULY 1, 1914.—CONTINUED.

No.	Name and Address	For	Amount
1682	Henry Dix, No. Buena Vista.....	1 fyke .....	.50
		1 tag .....	.10
1683	L. Burner, Clinton.....	300 ft. trammel	5.00
		1 tag .....	.10
1684	S. L. Hale, Lyons.....	6 hoops	3.00
		6 tags .....	.60
1685	Jacobs & Stewart, Clinton.....	6 hoops	3.00
		6 tags .....	.60
1686	Chas. Humphrey, Clinton.....	300 ft. trammel	5.00
		1 tag .....	.10
1687	Frank Tarkett, Dubuque.....	300 ft. seine	10.00
		1 tag .....	.10
1688	W. H. Lyons, Clayton.....	300 ft. seine	10.00
		15 pounds	15.00
		16 tags	1.60
1689	Harry Provin, Sabula.....	2 baits	1.00
		2 tags .....	.20
1690	A. C. Kinyon, Sabula.....	300 ft. trammel	5.00
		1 tag .....	.10
1691	Peter Parson, Keokuk.....	300 ft. trammel	5.00
		1 tag .....	.10
1692	Theo. Wick, Dubuque.....	1 dip .....	.50
		1 tag .....	.10
1693	Leroy Anderson, Dubuque.....	1 dip .....	.50
		1 tag .....	.10
1694	C. R. Sutton, Ft. Madison.....	300 ft. trammel	5.00
		5 hoops	2.50
		6 tags .....	.60
1695	Sever Olson, Lansing.....	300 ft. seine	10.00
		2 hoops	1.00
		3 tags .....	.30
1696	Frank Cisna, Burlington.....	15 hoops	7.50
		15 tags	1.50
1697	John Gillers, Burlington.....	300 ft. trammel	5.00
		1 tag .....	.10
1698	Wm. Lafferty, Oquawka.....	5 hoops	2.50
		5 tags .....	.50
1699	John Hike, Council Bluffs.....	1 pound	4.00
		1 tag .....	.10
1700	Fred H. Overton, Keokuk.....	1 dip .....	.50
		1 tag .....	.10
1701	Dan'l Breitenstein, Keokuk.....	1 dip .....	.50
		1 tag .....	.10
1702	Bryan Eaton, No. McGregor.....	1 dip .....	.50
		1 tag .....	.10
1703	Clarence Athey, Davenport.....	1 hoop .....	.50
		1 tag .....	.10
1704	Chas. Young, Ft. Madison.....	7 hoops	3.50
		7 tags .....	.70
1705	Cecil Stout, Spechts Ferry.....	300 ft. trammel	5.00
		1 tag .....	.10
1706	Wm. Mantz, Dubuque.....	500 ft. seine	10.00
		1 tag .....	.10
1707	Chas. Henrich, Dubuque.....	1 hoop .....	.50
		1 tag .....	.10
1708	Wm. McGowan, No. McGregor.....	1 pound	1.00
		1 tag .....	.10
1709	C. A. Freeman, Sioux City.....	300 ft. trammel	5.00
		1 tag .....	.10
		3 hoops	1.50
		3 tags .....	.30
1710	Geo. W. Ritchie, Muscatine.....	300 ft. trammel	5.00
		1 tag .....	.10
1711	A. P. Passe, Waukon.....	1 fyke .....	.50
		1 tag .....	.10
	Totals for year.....		\$2,422.80

PROPERTY BELONGING TO THE FISH AND GAME DEPARTMENT.

Office furniture	\$ 507.78
Real estate at Spirit Lake hatchery, including buildings and ponds	6,300.00
Tools and equipment.....	64.00
Live boxes (15).....	150.00
Game birds on hand for breeding purposes.....	2,068.00
Land and building at outlet of Okoboji lakes.....	300.00
Seven launches valued at.....	1,682.00
Cots, tents and dishes.....	40.00
Six boats and oars (row).....	74.50
Minnow pails	2.00
Seines, new	183.92
Game reserve signs	520.00
Fish car, Hawkeye No. 2.....	15,000.00
Equipment, linen, bedding, dishes.....	90.25
Game farm, Des Moines, fences, buildings, corrals, and other equipment	6,000.00
Total	\$ 32,982.45

RECEIPTS AND DISBURSEMENTS FOR BIENNIAL PERIOD ENDING
JUNE 30, 1914.

BOUNDARY WATER LICENSE FUND.

Disbursements, July 1, 1912, to July 1, 1913—

Theo. Beaur	\$ 325.52	
D. L. Tubbs	290.08	
W. E. Albert	828.53	
H. S. Tubbs	136.15	
Claude Fisher	285.40	
C. H. Swift	10.60	
H. Muhs	251.39	
H. Reichman	12.50	
Printing	16.00	
Launch	12.19	
A. Sign Co.	15.00	\$ 2,183.36

Disbursements, July 1, 1913 to July 1, 1914—

W. E. Albert	\$ 151.41	
M. P. Albert	36.50	
M. I. Albert	39.00	
C. Fisher	98.30	
H. Muhs	239.20	
J. L. Tierney	287.60	
Printing	26.60	
A. Sign Co.	16.25	
Launch	561.20	1,456.06

Disbursements, July 1, 1912, to July
1, 1914

\$ 3,639.42

Balance in state treasury July 1, 1912.....\$ 376.83
Collections, July 1, 1912, to July 1, 1914..... 5,057.10

\$ 5,433.10

Disbursements, July 1, 1912, to July 1, 1914

3,639.42

Total in state treasury.....

\$ 1,794.51

FISH AND GAME PROTECTION FUND.

Balance in state treasury July 1, 1912.....	\$124,153.91	
Received for hunting licenses, July 1, 1912 to July 1, 1913	87,698.00	
Received for hunting licenses, July 1, 1913, to July 1, 1914	95,226.00	
Sale of old fish car, Hawkeye.....	300.00	
Miscellaneous collections	730.71	
Permits for bird collections	41.00	
Total collections	\$308,149.62	
Disbursements, July 1, 1912, to July 1, 1914.....	176,315.13	
Balance in state treasury	\$131,834.49	