WITH THE

Forestry, Fish & Game Commission KANSAS



K.C. BECK



KANSAS FORESTRY, FISH AND GAME COMMISSION

Governor Walter A. Huxman, Topeka		
PERSONNEL,		
L. C. WebbState Game Warden W. A. KruegerChief Deputy Belle WilsonStenographer	B. N. MullendoreAttorney Elmo W. HuffmanEngineer Louise DowlingStenographer	
FISH HATCHERY	QUAIL FARMS	
Seth WayFish Culturist Leo BrownBiologist	Dan Ramey	
DISTRICT DEPUTY GAME WARDENS		
Carl Teichgraeber	t 2Marysville, Kansas t 3Osawatomie, Kansas t 4Eureka, Kansas t 5Chetopa, Kansas t 6Wichita, Kansas t 7Concordia, Kansas t 8Salina, Kansas t 9Greensburg, Kansas t 10Colby, Kansas t 11Leoti, Kansas	
SPECIAL INVESTIGATOR		
K. C. Beck		
PARK SUPERINTENDENTS		
J. L. Hustin Butler County State Park Augusta W. I. Thomas Crawford County State Park Pittsburg C. R. Ridgway Leavenworth County State Park Tonganoxie John Carlton Meade County State Park Meade Sidney Baxter Neosho County State Park St. Paul C. R. Dameron Ottawa County State Park Minneapolis B. E. Hale Scott City A. M. Sprigg Woodson County State Park Yates Center		



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MONTHLY BULLETIN

FORESTRY, FISH AND GAME COMMISSION PRATT, KANSAS

JULY---1938

Many inquiries have reached this department as to the fish carrying capacity of a given area of water--usually the inquiry applies to
artificial or natural ponds or lakes. This in itself is a hard question
to answer as so many varying conditions must necessarily be taken into
consideration--for instance, the kind of water whether pumped, drainage,
or supplied by springs, also, the depth of the water and its tendency
to stay clear or muddy, also, the variety of fish you wish to stock,
but most important is the food supply in your lake or pond as upon this
will depend largely the success or failure of your efforts.

A pond that is of extreme depth, from 10 to 20 feet or more, does not necessarily mean that it will produce more food. One that has a depth of 4 to 8 feet with shallow shore lines, that has a good growth of aquatic plants along the shore, and moss in the deeper waters will produce more food than the deeper waters. Fish will remain small or starve in a lake that has bare shore lines, and contains no aquatic growth.

Experiments conducted over a period of years by scientists have shown that an acre pond without aquatic growth of any kind would produce not over 300 lbs. of fish food annually and this normally would be supplied by being blown in by winds, etc., whereas a pond that was well stocked with aquatic growth would supply up to 3,200 lbs. of food annually. A pair of catfish of spawning size placed in an acre lake that has no other fish in same will produce from 10,000 to 15,000 young the first year. These young fish will reproduce the next year. So the reader can readily see that the danger of an over-stocked pond with a limited food supply can only mean cannabalism, and undersized fish that have been unable to grow in size on account of lack of food. The results will be the same as an overstocked pasture--poor thin undersized stock.

The buyers of the new 1938 fishing licenses will note on the back of their license that the closed season for bass and crappie has been changed from April 15 to May 15, to January 1 to May 15. Therefore, you will be a law abiding fisherman if you do not try to catch crappie or bass during that time. This ruling was passed by the Commission at the recommendation of Kansas sportsmen.

District Warden Merle M. Allen, of the Fourth District, mot with a severe accident on the evening of June 10, 3 miles cast of Emporia. In attempting to avoid crashing into an oil tank that had stopped at a short curve on the highway, his car went over the bank of a creek, rolling to the bottom, a fall of 30 feet. In trying to extinguish a fire which had started among the wiring, his right hand was severely burned and is still causing him a great deal of pain. The car was completely demolished. Allen, as well as the department, feel that he is fortunate in having escaped more serious injury.

The first complete report for the fiscal year ending June 30, 1938 was received from Howard H. Thorn, County Clerk of Wyandotte County.

This report shows that during the past year Wyandotte County has sold as follows:

Resident hunting licenses Non-resident hunting licenses	6,659 46	\$ 6,659.00 322.00
Resident fishing licenses	4,696	4,696.00
Non-resident fishing licenses	68	204.00
Non-resident		
15 day fishing licenses	100	100.00
Trapping licenses	69	69.00
- - sees		

\$12,050.00

The above figures do not include quail stamps of which 711 were sold at 50¢ each making a total of \$12,405.50 received from Wyandotte County for the year ending June 30, 1938.

State Game Warden, L. C. Webb, attended a meeting of the Out-Our-Way Club, at Independence, June 30. This club is a farmer-sportsmen organization and is very active--it has a membership of 465 families.

On this trip, Mr. Webb stopped to see a monster snapping turtle weighing $132\frac{1}{2}$ lbs. which was captured recently in Labette creek, a few miles south of Oswego. The turtel was caught on a trotline, however, he had not taken the bait on the line but was snagged in one front and one rear foot. He was taken from the line by means of a huge iron gaff, loaded in a tank and brought to Parsons on a truck. He was approximately $2\frac{1}{2}$ feet wide and 4 feet long, his head measured 8 inches across.

Deputy Warden Freeman McNutt, of District 10, has resigned his position to enable him to give more attention to his campaign for sheriff of Thomas County. He has been replaced by C. W. Graham, of Colby.

"Lake Goodwyn at the Ottawa County State Park must have some fish much larger than have ever been caught from the waters there, as one met its waterloo there in the past week that weighed in the neighborhood of 25 pounds. Unfortunately this fish was not someone's prize catch. It was a big yellow catfish that took a chance on going over the spill-way following a heavy rain. It was injured in going over the dam and was found dead in the basin below the spillway, a couple of days afterward. "Dinger" Dameron and others estimated the size of the big fish as close to 25 pounds but no one cared to handle it and get the exact weight, since decomposition was starting. So far as we know, about 10 pounds was the largest size catfish that has ever been caught at Lake Goodwyn."

God has lent us the earth for our life. It is a great entail. It belongs as much to those who are to come after us as to us, and we have no right, by anything we do or neglect, to involve them in any unnecessary penalties or to deprive them of the benefit which is in our power to bequeath.--Ruskin

Deputy Warden Joe Gallivan, of the Twelfth District, reports that two parties fishing at the Finney County Lake, near Kalvesta, caught 18 crappie--a total weight of 30 pounds.

Some night when you are driving in the country, try to count the cats within the range of your headlights on the road and in the fields. These felines are on the prowl for food, which is apt to be found in or near bird nests. Henry P. David, of the American Wildlife Institute, estimates every American stray cat annually kills at least 50 valuable song, game, and insect eating birds—besides keeping people awake at night.

We are sorry to report to our readers that Dan Ramey, Superintendent of the bird farms, has been very ill with pneumonia for the past two weeks. He is, however, reported to be improving, and is recuperating in the mountains under the direction of his physician.

JUST NATURE

That patch of woods which you see off there

Is a finer sight than a city square.

Now there's more of a sinner in me than saint

But here are pictures no man can paint;

And with all the pains which man's skill can take

There are things out here which no man can make.

-- Edgar A. Guest

There are four large lakes located within 50 miles of the Garden City dust bowl. They are: Lake Finney, near Kalvesta, Byler Lake, in northeast Finney County; the large reservoir near Lakin, and the Scott County State Lake.

The writer spent two weeks in the fourth district assisting Deputy Allen who is temporarily disabled. This district is one of the best, if not the best, fish and game district in the state. It has a very liberal number of fine looking fish streams, as well as some of the most beautiful lakes, among them the Woodson County State Lake, near Yates Center, Lyon County Lake near Reading, Wabaunsee County Lake, located near Eskridge, Eureka Lake near Eureka, as well as numerous smaller lakes.

In driving through this district at this time of the year, large numbers of cottontail can be seen in every mile, every quarter of a mile a cock quail can be seen running along the highway or sitting on some fence post. This district looks good to the writer.

After drying up 15 years ago, Hamilton Lake near Exter, California is again a large body of water surrounded by marsh grass. Many people are puzzled by the question: How does the new lake happen to be stocked with catfish?

The editor is becoming discouraged in not receiving items of news from the District Wardens. He is sure that there are happenings in each of the twelve districts which will be of interest to our readers. We also welcome newsy items from all lovers of the outdoors, sportsmen, and especially from fishermen and women. We here make the threat that if we do not receive at least a dozen items of fishing news of interest for each of the next three issues, we will write an article advocating the stocking of our streams with carp. This should bring results!:

DARK DAYS



-- National Sportsman

It is with extreme regret that the Fish and Game Department was asked to accept the resignation of Deputy Warden Raymond Davidson, of the ninth district, who resigned for business reasons. While we regret the loss of Raymond, we welcome his successor, Brice Rezeau, of Greensburg.

A meeting of Kansas Sportsmen was called by State Warden L. C. Webb, June 15, at the Kansas State Agricultural College, Manhattan. The morning session was given to short talks by: Dr. E. J. Frick, Diseases of Wildlife, Prof. A. B. Sperry, Water Conservation and Wildlife; Prof. M. J. Harbaugh, Game Predators, and Russell Reitz, State Director Reforestration Service, Forest-Relation to Game. All of these addresses were very interesting to those who attended.

In the afternoon Commissioner Roy Wall explained his idea of a Sportsmens Farmers Co-operative Association, followed by a general discussion as to ways and means to organize counties of the state into working organizations wherein the sportsmen and farmers can come to some satisfactory agreement which will replenish our upland game.

Dan Ramey, superintendent of our bird farms, gave a very interesting and instructive talk on the quail and prairie chickens.

Among the prominent sportsmen and conservationists present were:

John Q. Holmes, U. S. Game Management Agent, Commissioner Dr. F. S. Williams and Raymond Stotts, all of Garden City. George Kubach, of Bennington, Dr. A. R. Goodwyn, of Minneapolis, Lakin Meade, Vice-Chairman of the Commission, Topeka, Wm. Petrie, of Sylvia, Fred Kahn of Lawrence, Fred Kaiser, Ottawa, and many others.

It was decided to call another meeting early in the fall.

In driving over the following counties: Chase, Greenwood, Woodson, Lyon, Butler, Allen, Elk, Neosho, and Wilson, the editor was very much pleased to find that the ranch men in the Flint Hills, that cover in part most of these counties, that have most of the greater prairie chickens in Kansas are for the absolute protection of the few that still make their home in this territory.

State Game Warden L. C. Webb, accompanied by Commissioners Lakin Meade of Topeka, and Dr. F. S. Williams, of Garden City, drove to Asheville, North Carolina to attend the International Meeting of Game Commissioners held the week of June 20. This meeting was one of the best ever held by this organization and the attendance was larger than ever before. Representatives from Canada and Mexico were present and greater interest was manifested in the attempt to restore wildlife, and solving other problems of cooperation between the nations represented, than at any other time.

Encouraging reports were made as to the number of migratory fowls and the meeting went on record as favoring a 45 day open season on ducks and geese, however, this is a matter which will be determined by the Bureau of Biological Survey and they will be governed by the reports made through their investigations relative to the increase of birds. It was the general opinion of those present that game is increasing almost everywhere in the United States and that with careful management hunters will again be able to enjoy their favorite sport in a limited way.

It was reported that more ducks migrated to the north this spring than have been seen at any one season during the past 10 or 12 years.

We wish to dedicate the following poem to Noel Mullendore, of Howard.

"I FISH," ATTORNEY AT LAW

I still recall, as years roll by, Those weary student days when I Would chuck aside my hist'ry book And grab a rod and line and hook And find myself some shady nook Along some little rippling brook And while I'd look Beyond the book-- I fish.

Many years have passed, since then And fishing season's here again-Upon my desk there looms a pile
Of lawsuits to prepare for trial;
Methinks they'll have to wait awhile,
As to the large mouthed beauties I'll
Reveal my style
Of action while
I fish.

After the heavy rains of this spring, the editor predicts that the usual conditions will be with us, after a period of copius rains, and overflowing streams, wherein the waters will be pushed back in low lying bayous and sloughs, many fish to escape from the turbulent and rushing waters, will seek refuge in these quieter waters, as this is the spawning time for catfish, many of them will spawn in these waters and as usually is the rule after the waters recede they will become land locked in these bayous and other low lying places, and after our dry July, August, and September periods, many thousands, yes even millions, of fish are left to die.

We wish to suggest that anyone having these conditions in their locality notify their District Deputy or the office at Pratt. In this way millions of edible fish and their young can be saved by placing them in running streams and lakes.

Duck stamps costing \$1.00 each, which migratory waterfowl hunters over 16 years of age are required to buy each year, have reached a new sales high of more than \$757,000.00 for the 1937-1938 year. Final reports are expected to boost this figure.

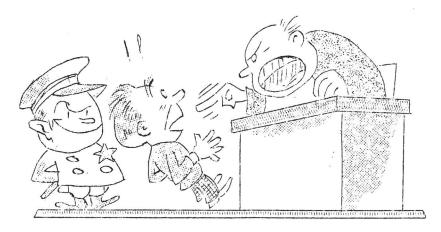
Proceeds supplement other Federal funds used by the U. S. Biological Survey in acquiring, developing, and maintaining refuges for migratory birds and other wildlife. Sales this year have exceeded the \$635,001.00 realized from the first stamp during the 1934-1935 season by nearly 20 percent, and last year's sales of \$603,623.00 by more than 25 percent.

All duck stamps show wild ducks or geese of different species in some characteristic flight phase. J. D. Knap designed the current stamp showing five scaup or bluebills flying over a windswept marsh. The stamp for the 1938-1939 sesson, which went on sale July 1, is the work of Roland Clark and shows a pair of pintails coming in to a landing.

The herd of buffalo, of nineteen head, sixteen adults and three calves, which have been kept on the game refuge near Garden City have been moved to the Scott County State Park.

This was made necessary by the lack of sufficient feed at the Garden City refuge. At the Scott County Park they will have 200 acres of good grass pasture. This will be an added attraction for the park.

You can imagine the feeling of these offsprings of the earliest denizens of our prairies to be returned to their original home in motor 7 trucks.



SO! FISHING WITHOUT A NON-RESIDENT LICENSE, EH:

The following arrests and convictions were made during the month of June, fines include costs.

Ernest Ealls of Johnson County, arrested for fishing without a license by Deputy Warden 0. A. Gordon. Fined \$20.00.

Earnest Keeton of Johnson County, arrested for fishing without a license by Deputy Warden O. A. Gordon. Fined \$20.00.

S. P. Trout of Kansas City, Mo., arrested for fishing without a non-resident license by Deputy Warden O. A. Gordon. Fined \$20.00.

John Hall of Marshall County, arrested by Deputy Warden Dan McCarty for fishing with trot line to near dam. Fined \$17.50.

R. Fountaine of Marshall County arrested for fishing to near dam with trot line by District Warden Jack Nester, Jr. Fined \$17.50.

James Morris of Kansas City, Mo., arrested for shooting from highway, and not having a non resident license, by Deputy Warden Gordon. Fined \$20.00.

George Whitesell of Marshall County arrested for possession of live racoons out of season by District Warden Jack Nester, Jr. Fined \$16.50.

Mark Roberts of Marshall County arrested for having live racoon in possession out of season by Deputy Warden Dan McCarty. Fined \$16.50.

Alvin Brooks of Osage County, and George Brooks of Osage County, both arrested for gigging fish by District Warden Merle Allen. Each were fined \$17.50.

George H. Curtis, Jr. of Finney County, arrested for fishing without a license by District Warden Joe Gallivan. Fined \$16.50.

Ed Eaton of Republic County arrested for illegal sale of fish by District Warden H. D. Byrne. Fined \$68.38. Serving jail sentence.

Ryle Deister of Johnson County arrested for having hoop net in possession by Deputy Warden O. A. Gordon. Fined \$20.00.

Max H. Forney of Greenwood County arrested for possession of undersized channel catfish by District Warden Merle Allen. Fined \$20.50.

Jack M. Cole of Johnson County, arrested for fishing without a license by Deputy Warden O. A. Gordon. Fined \$20.00.

Don Thompson of Kansas City, Mo., arrested for fishing without a non-resident license by Deputy Warden N. D. Rash. Fined \$15.50. Serving jail sentence.

Joe Meyers of Kansas City, Mo., arrested for fishing without a non-resident license by Deputy Warden N. D. Rash. Fined \$15.50. Serving jail sentence.

Roscoe Turner of Johnson County, arrested for fishing with a borrowed license by Deputy Warden N. D. Rash. Fined \$20.00.

C. H. Neeley of Kansas City, Mo., arrested for fishing without a non-resident license by Carl Teichgraeber. Fined \$20.00.