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DEPARTMENT OF CONSERVATION, RESTORATION, AND PROTECTION, OF OUR GAME AND FISH

Published monthly by FLORIDA GAME AND FRESH-WATER FISH COMMISSION

Despite Floods and hurricanes, Florida Faces the Best Hunting Prospects in Years.

GAME PROSPECTS

for

1947-1948

Despite the serious toll of game claimed by several roaring hurricanes and subsequent floods this fall in Florida, hunting generally will average better than it has for a number of years.

A statewide survey made by the Game Commission showed that the serious damage to game in the south end of the state has been comfortably overcome by substantial game increases in the Second and Third Districts as well as in the northern portion of District Five.

The best all-around hunting will be found this season in northwest Florida's District Three.

Second choice for the 1947-48 hunter's heaven goes to District Two in the northern end of the state.

Late flood damage in the southern end of District Five spoiled its midsummer prospects for becoming the state's top-flight hunting territory this year. With the Kissimmee watered still spilling over thousands of acres in the south end of the district, the hunting picture in that sector naturally isn't bright. However, hunting will be excellent in the counties that escaped heavy flood damage in the north portion of the district.

The state's First District too is faced with a gambler's slump in many counties where consistent floods washed out thousands of acres and forced hundreds of turkeys and quail. The more fortunate counties in the northeastern end of the district escaped serious flood damage and offer chances for excellent hunting.

The Fourth District of course was hardest hit in the state and vast portions of former lush hunting territory still remain under water. With the possible exception of a few counties in the north portion of the Fourth District, bright early hunting possibilities were held a definite setback this year.

First District

Hunting will be "spotty" in the First District in both quail and turkeys. As a result of flood damage in many portions of the vast area that extends from Hernando to Levy county on the west and cuts through the central portion of the state from Lake Kissimmee to Lake Okahobee.

Although quail and jacks are told to be a general increase since last season, the district has a definite shortage of deer and turkeys.

Best hunting in the district will be found in Charlotte, Hendry and Highlands counties. Pinellas county offers the poorst hunting prospects in the entire district.

Despite the fact that storms and floods claimed a considerable percentage of quail and turkey stocks in Charlotte county enough survivors remain to give better hunting prospects than the

and had by 1945. Squirrels and deer are plentiful in the county. Similar conditions will be found in Highlands and Hendry counties where similar conditions will be found in. Pinellas county has a wide area of deep tundra that is home to ducks and wood ducks and offers fair hunting for both species.

Although Levy county had more than 1000 acres of flooded waters, a fair crop of turkeys and wire and wood ducks also. A fair stock of deer can be located in the county.

Quail are more plentiful than last year in Glades county. Turkey and deer hunting will be off from last season. Squirrel hunting will be fairly good.

Hunters will find a healthy increase of squirrels and quail in Levy county, but on the darker side of the hunting picture, there are less deer that a year ago and a turkey crop that is practically nil.

For trophy hunters are headed for a lot of fun if they are in search of quail, turkeys or squirrels. However, they may be disappointed.

Those who "spotty" conditions that exist throughout the district hunters this year will have to be located offering best prospects for their choice of hunting before taking to the field.

Second District

A record number of hunters probably will hunt in the Second District this season due to the fact that quail increased tremendously since last season and turkey and squirrel hunting have top prospects. However, deer hunting through the season will be limited.

The Second District also has a popular hunting ground in the eastern shore area as well as in the counties that extend cross-state from Duval to Levy county.

Turkey, deer and squirrel hunting will be fairly successful in Nassau county. Strongly enough, the quail crop was considerably shortened by automobiles that killed hundreds of thousands of the county's highways during the latter part of the year.

Turkey and deer hunting will be unfavorable in Bradford county, howe

November, 1947
ever, this disappointment will be over-
the-tight quail and squirrel hunting
prospect now offered. A good many
Baker county's deficiency of turkeys is
offset by good prospectives deer
and squirrel hunting. Squirrel hunters
will have the time of their lives.

The best hunting in a number of
years is awaiting Levy county non-
rods. Quail, turkeys and squirrels
are plentiful and hunters will find
deer hunting perfectly satisfactory.

Squirrel and quail hunting
will be found in Madison county.
However, turkey and deer are scarce.

1947-48 Hunting Dates

FIRST DISTRICT—Buck deer and
turkey. Nov. 26-Jan. 5. First
five days open. Monday, Tuesday
and Wednesday closed thereafter.
Quail and squirrel. Nov. 26-
Jan. 3. First five days open. Mon-
tue. and Wednesday closed
thereafter.

SECOND DISTRICT—Buck
deer and turkey gobblers. Nov.
and Friday closed. Gobblers are
permitted for five days after
turkey and deer. Quail and Squirrel.
Nov. 26, 1947. 3.

THIRD DISTRICT — Buck
deer. Nov. 26-Jan. 5. Open
every day. Turkey. Nov. 26-Feb. 1.
Open every day. Quail and
squirrel, Nov. 26-Feb. 15. Open
every day.

FOURTH DISTRICT—Buck
deer. Quail and squirrel. Nov.
30-Jan. 3. First four days open;
Monday, Wednesday and Friday
closed thereafter. Turkey, quail
and squirrel, Nov. 30-Feb. 1.
First six days open. Monday, Wednesday
and Friday closed thereafter.

Turkey and deer are scarce in
Madison, Lafayette, Union and
Aiuahco counties. Col-
umbia county has a 50 per
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tw
A<br>lthough Florida is recognized as one of the most important wintering grounds for waterfowl in the south, ardent duck hunters, still smarting from the after disappointment they experienced the last two years, are doubtfully asking an important question:

"Will Florida's 1947 duck hunting season be another dud?" they wonder. Their problem can probably well be answered through the observations of the United States Fish and Wildlife Service.

The expectations are that Florida WILL have another poor season! This disheartening opinion is based on the predictions of biologists in the north, who found the 1947 waterfowl nesting population nearly below par along with our studies on the Minnesota and Atlantic flyways.

The summer's nesting population was reduced and the young bird crop definitely was not what it should have been. In order to determine each annual crop of birds the Fish and Wildlife Service sends trained biologists into the important nesting areas. This past summer there were 13 of these specialists in Canada, Alaska and Montana to secure this necessary information.

The decrease in the crop of young produced this past summer might not be particularly alarming by itself—but each of the two previous years provided only one-third the crop of young. This three bad seasons—combined with over- shooting for three years—has meant the continental waterfowl population tending to a dangerously low figure.

Let us pause a moment to consider the fluctuations in the number of our waterfowl since the beginning of our history. Perhaps in this way we may realize the many harmful effects of man and climate and may better understand why drastic measures must be taken now to insure the perpetuation of this important natural resource.

At the beginning of this century it has been estimated that the continental waterfowl population was about 150 million. As human populations increased, roads developed, automobiles came into use, industries grew, and lawns were drained, guns and ammunition made more efficient—and the birds were pushed farther and farther back, as the Indians were pushed back by the white man centuries earlier. A cycle of four year's developed in the prairie nesting grounds in the 1920's, and the duck population declined rapidly. We finally awakened to find only about 27 million waterfowl remaining in 1943-44. It was then decided that drastic action would be necessary to prevent a further decline and to save our sport of waterfowl.

The United States and Canada cooperated in a program of reduction of waterfowl areas to attract all the ducks on the Atlantic Coast. However, wintering population movement halts thousands of waterfowl in the Carolinas and Georgia. The reduction of waterfowl is (it is not yet known how many) continue through Florida to the West Indies and South America. Those that do stay in Florida have the protection of many aquatic habitats. The areas where waterfowl are the St. John's River, Indian River, Lake Okeechobee, Apa-
炫目的光点，突然，它飞向你们，大约200码，从左到右，向前移动。在前方的一个点前，大约60码，从右到左，有一个前卫。首先，你必须先于你的目标，估计你的范围，然后，摇晃你的脚，以确保一个舒适的位置。然后，伸出你的手臂，通过开关。

布列伊尔·德·阿雷斯特尔也指出，这种能力在竞技射击中至关重要。如果一个运动员能够迅速判断距离，并知道何时开枪，何时不，他可能会避免一场惨痛的事故或因失手而造成的失望。他也将成为一个不会犯错的射手。

瞄准距离非常关键。瞄准时，你必须快速而准确地判断距离，以免误射。如果你的弹道不稳定，或者你的目标在另一侧，你可能会在目标附近，或者在窗口上方，导致不必要的伤害。

HOMETOWN PRIDE

至少有一名会员的乡间的体育俱乐部的记录表明，他的 succinct speech is proud of his organization.在讨论会期间，该俱乐部的主席，雷·戈登，向参加会议的成员通报了该组织的最新进展，从1950年至1957年。

在会议中，一位成员提问道，“我想知道我们今年的年度大会是否能在1月左右举行。”

雷·戈登回答说，“是的，我们计划在1月的第一个周举行。”

1957年11月

J. T. Wills，密苏里州，最近在佛罗里达州的调查中，发现了一只神秘的“动物”似乎正在成为该州野生动物的威胁。J. T. Wills，密苏里州，最近在佛罗里达州的调查中，发现了一只神秘的“动物”似乎正在成为该州野生动物的威胁。
Guns Can Kill You!

Hunting of hunters bound for a carefree day or two in the open this fall will wind up in the morgue instead! A terrible prediction but true—and one that could be erased with the proper understanding and handling of firearms.

So hunting season in the United States ends without at least 500 hunters being killed and another 5,000 injured by the shots of their fellow hunters. This season doubtlessly will be even more a national calamity since it is certain that a record number of hunters will rush to America's woods and fields when the hunting zero-hour arrives. Many of this year's hunters will be inexperienced—a fact that makes it doubly essential to recognize that a shotgun or rifle are lethal weapons that must be fully understood and respected.

Death stalked Florida hunting grounds last season. Four Floridians were killed, seven seriously injured and 14 hurt slightly in 1946 hunting accidents.

Here's what can happen when a gun barrel is stuck in the ground. Just pull the trigger and it's likely the gun will explode in your face.

Never use your gun for a crutch or a leaning post. Don't stick the barrel down in the ground for it's easy to foul a muzzle.

Never use your gun as a club to beat down the bushes when you start searching for live game. Remember, a snapped trigger can result in instant death.

Here are a few facts to keep in mind:

1. Never remove your gun from a vehicle barrel-first. It will mean a trip to the hospital or morgue if you accidentally snap the trigger of a loaded gun.
2. This is the proper way to take loaded or unloaded guns out of your truck or car: You'll be safe when you handle them butt-first with the barrel in the air.
3. Never cross a fence with a loaded gun unless you don't care nothing about your companion's safety. Remember too, don't point your gun at anyone.
4. These fellows are headed to a safe hunting trip. Load your shotgun, hit the road after youceptive the fence and keep the barrels pointed away from each other.
5. Never use your gun for a crutch or a leaning post. Don't stick the barrel down in the ground for it's easy to foul a muzzle.
6. Here's what can happen when a gun barrel is stuck in the ground. Just pull the trigger and it's likely the gun will explode in your face.
7. Never use your gun as a club to beat down the bushes when you start searching for live game. Remember, a snapped trigger can result in instant death.
8. Don't shoot at a running deer in the bush—there be another hunter. Never pull your trigger until you've sighted your target.
9. There you are! A quick shot at the marks in the bush would have made you responsible for killing or injuring your bound master and his horse.
10. Gunpowder, like gasoline, doesn't mix with alcohol. Keep out of trouble by taking your first drink of the day after you're home from your hunting trip.
Reverend Gordon Named Gainesville Club Prexy

Approximately 80 members of the Alachua County Sportsmen's Association bowed a pew rain recently to attend a meeting and unanimously select Dr. U. S. (Preacher) Cook as their new club presi­dent. Rev. Gordon, a Gainesville minister and athletic sportman, is a leader in the State's conservation fight and is extremely popular with sportsmen throughout the State.

Other officers elected at the association election are O. D. Guy, vice-president; G. Earl Gay, third vice-president; and Wade Griffin, secretary-treasurer.

Prior to the election, Ralph G. Cooksey, president of the Florida Wildlife Federation, explained some of the problems now being faced in the conservation of the State's natural resources. He discussed the work of the Federation and explained that his organization is determined to effect and rebuild Florida's hunting and fishing resources.

"Much of our wildlife has been ruthlessly and callously destroyed," Cooksey declared, "and the purpose of our Federation is to protect what we have left and work toward substantial restocking.

"Florida should be the hunting and fishing paradise of the United States," Cooksey added, "and our programs call for every individual to make our one-man proposition to aid conservation."

Federation Launches Free Lecture Service For Florida Schools

Following through on their formation last year of a "spokesman's bureau" to provide hand and authentic information on the work and aims of the Florida Wildlife Federation, the Federation officials are planning a program designed for the public and parochial school children of Florida.

"We are making the children aware of the presence of a group of friends who are trying to improve the Florida environment," said Ralph G. Cooksey, the Federation's spokesman. "This is a project which will take some time to be accomplished, but we feel that it is worth the effort."

A. L. Dickinson, left $50 in the Florida Anglers tournament with a better than 2-pound lead which he is returning to Macy, Grafton, at Winter Park.

Federation Heads Land State Wildlife Scribes

Newspaper outdoor columnists were honored at the recent meeting of the Federation's Florida Outdoor Writers at St. Augustine recently. The meeting was held at the "Ralph G. Cooksey Club" and the Federation is proud to announce that the Club's new officers and members have been elected for the coming year.

"You writers are the ones responsible for keeping the public informed about the damage and the need of restoring and conserving Florida's wildlife resources," Cooksey told the scribes. "It is our job to present a great deal of information for you to pass on to your readers. This is especially important if our ideas ever are to be carried out."

Cooksey congratulated a number of writers, representing some of the State's biggest newspapers, for their part in furnishing an accurately presenting unbiased stories of game and fish law violations.

Florida, WILDFLIRE FEDERATION

In the Interest of the Sportsman and Lovers of the Outdoors

FEDERATION HEADQUARTERS

OFFICERS

President, Ralph G. Cooksey
Vice-President, O. D. Guy
Secretary-Treasurer, O. A. McVicker

EXECUTIVE OFFICE

Executive Secretary, O. A. McVicker

DISTRICT VICE-PRESIDENTS

District 1, O. D. Guy
District 2, Bill Leblanc
District 3, Bill Freeman

State Service Programs

National Magazine Plans Club Promotion Program

Recognizing that sportmen's clubs are an integral part of the conservation achievement throughout Florida, SPORTS AFIELD, popular magazine's sportsmen's magazine, has inaug­urated a new service for all clubs to offer an expanded program of constructive conservation-recreation projects. These appear in special four-month programs which are prepared for the sportmen's club service by nationally recognized authorities and are mailed free on request.

Applications for the bulletin should be made to the Federation, 802 Second Avenue South, Minneapolis, Minnesota.

The magazine also will assist in the organization of new clubs and has prepared a detailed report on the progressive steps of a club organization which is offered free to interested individuals.

Thousands Attend Orange County Sportsmen's Rally

More than 2,500 people turned out to attend the Orange County Sportsmen's Association 11th annual rally at Orange Fishing Lodge on Lake Apopka, Oct. 23.

Outstanding sportspersons from all parts of Florida joined the throng at the rally and enjoyed a varied program that included outdoor sports exhibits, professional entertainment and, of course, a swell feed.

A large number of women members of the organization took an active role in planning the program during the day. President Jim Holley explained that he recently had opened the association's membership to all Orange County women who were interested in hunting and fishing and the response to his offer resulted in nearly 100 new members.

First prize in the club's fishing contest, $10 in cash, was awarded to Major J. H. Story, of Mt. Pleasant, for his 9 pound 2 ounce black bass caught in Lake Apopka with live bait.

Shooting exhibitions, seining rough fish from the lake to supplement sports fishing, and a short talk by outstanding conservationist and sportsman entertainer combined to make the rally a success.

For several hours, a big staff of association members assisted in serving more than 2,000 hot dogs at the tailgate, hot dogs, split peas and coffee.

The rough fish seining portion of the rally proved of great interest to visitors. Under the direction of Jack Jensburg, chief fishermen biologist for the Game and Fresh Water Fish Commission, a total of 332 pounds of fish were removed from the lake. The biggest game fish was a 52-pound sturgeon.

Rose Allen, noted reptile authority from Silver Springs, staged two shows during the afternoon and thrilled his spectators by handling huge ratsnakes while relating sensational snake-catching stories.

Prominent sportmen and conservation leaders who attended the rally included Director Ben C. Morgan, Game and Fresh Water Fish Commission; Ralph G. Cooksey, Florida Wildlife Federation president, Bill Weck, Florida Wildlife Magazine editor; Hubie Allen, St. Augustine news editor; columnist Ed Markham; and Chester Orvis, editor of Orange County Sportsman's Association.

FEDERATION NOW BOASTS MORE THAN 40 CLUBS

Predictions that the Florida Wildlife Federation eventually will become one of the nation's outstanding sportsman's organizations have been made by Ralph G. Cooksey, federation president. Cooksey revealed that 42 fish-club leaders, representing thou­sands of Florida hunters and fishermen, are affiliated with his organization along with eight additional clubs that have expressed their intention of joining in the near future.

Recent organizations joining the federation included the Dixie County Sportsmen's Club, Cross City; the Columbia County Sportsmen's Association, Lake City; and the Alachua County Sportsmen's Club, Gainesville. Activity already is at a high peak in the three infant organizations and officials of the three clubs are important conservation programs and new members are being added to their roster daily.

New clubs are being planned at Lake Wailes and Arcadia, President Cooksey said.
WATER-WALKING BLITZKRIEG

By BUD HARVEY

One day in the fall of 1945 the blue eyes of Larry Johnson blazed with an unbeaten gleam. The ample frame of the Everglades Drainage District’s engineer quivered with excitement. Raising aloft a jug of 3-D, the miracle weed killer, he brandished it like General Patton at Bunker Hill and sounded his battle-cry: "Let us spray!"

And spray they did. The following May, when the lacy blooms of the water hyacinth were nodding in the breezes, and the 114 miles of drainage canals in southeast Florida were solid carpets of lush green growth, the blitzkrieg against that noxious weed — the hyacinth — was launched.

The first phase, according to the familiar blitzkrieg pattern, was a strafing attack on the canals by a couple of suicide-minded crop dusters named Marshall Sabin and Bill Mennon. These curious characters, who got the beans every time they flew their Smith-Ryan relics at a height of more than 10 feet, buzzed up and down the canals all at once, spraying their way through treelined canals and weaving under the chassis of farm tractors.

And long stretches of open water became to show as the hyacinths, bane of farmer and fisherman alike, decayed and sank to the bottom of the canals.

Behind the bombers came the assault troops — maintenance forces in motorboats who chugged up and down the cleared stretches, spraying the wounded survivors of the aerial assault where they clung to the sides of the canals and where they regrouped their forces in jams at the bridges.

Nevertheless, there remained the stepping-up phase of the war. Cleaning out pockets of the enemy where they lay in the shadow of trees and where even the two sky-larking crop dusters couldn’t get at them.

This presented a sticky problem for Johnson. These pockets were something more than that in many cases. They were braided gorges of fine, healthy blooms. Too thickly mashed for the district’s navy to get into them and too well protected for the bombers, they threatened to snuff snapper and snook fry right out of the engineer’s hand. Because the hyacinth is a stubbly weed; unless you can whip it and get it completely under control, it comes surging back as vigorously as it grew.

Johnson watched his puny navy butting its head against a solid wall of hyacinths. He could envision the inevitable defeat unless he could bust up those big jams which were steadily gathering strength as new seed and new blooms came pouring down, like reinforcements, from the Kiskingoose Valley and Lake Okeechobee. The black bass, which had begun to roam in the open stretches of the canals, began to feel the slimy ceiling crowding in on them again.

"What we need now," said Johnson to himself one day last winter, "is a powerful stream of water that can travel over those hyacinths with a spray rig." It isn’t recorded that he bothered to answer himself that day. But the inventive minds of the Gulf Oil people had asked themselves that very question when they set out to look for oil in Collier County a few years ago. The Gulf geologists had found the answer in a strange contraption that cost them more than a thousand dollars. It was a travelling thing set on four mammoth balloon tires, big enough to float the Thing on water, with inflatable ridges that provided a puddle-wheel effect in water. The tires alone, made to order by the Goodyear people, were reported to have cost $7,000 apiece.

Johnson studied this elaborate piece of machinery. And, while finding its construction a little ambitious for the Everglades Drainage District’s piggy bank, thought that the principle could be adapted to a more modest bankroll.

He was mulling the problem over in his mind one day as he was toiling his mud-streaked sedan along the Belle Glade road when he passed a telephone line crew, engaged in climbing poles and carrying on at a great rate, the way telephone linemen do whenever they come upon a string of unguarded poles.

Johnson’s roving eye noticed one of those big spools or drums used for winding telephone cable. Three miles farther, he came to a skidding halt. A look of beatific wonder stole across his tanned face.

"Europa!" he exclaimed, or words to that general effect.

Within a week a scavenging expedition netted him four of those big spools and an omnipotent phone truck.

With traditional Confederate ingenuity, the engineer set to work putting his "dream boat" together.

Off came the truck wheels. On went the drums. The open grooves of the spools were closed with lathes and sealed tight. Then came the chains, or paddles, for amphibious locomotion. The truck was stripped down to minimum essentials to save weight. And, finally, as early as the 20th of June, "Rabe Goldberg" was ready for the launching.

Off went a quiet launching, as such things go. No pretty shipyard send-off, no splash to bottle of 3-D as at the radiator cab. Just a handful of district officials and various neighboring farmers who had been attracted to the Hillsborough Canal bank by all the commotion and wondering what the hell Johnson was up to now.

The engineer climbed behind the wheel and stepped on the starter. Then he shifted into gear and the "Goldberg" crept ponderously down the canal-side like some antediluvian monster. The spectators watched curiously, some plainly skeptical and other frankly expecting to see the hyacinths swallow up both machine and driver.

The fore wheels hit the hyacinths and plunged in over the axle. At that point, it looked like a good bet that the machine would just keep right on going down stairs at a steady pace and an undeviating 90-degree angle. But the rear wheel dealt dug into the soft spoil bank and thrust the rig out into the hyacinth. The front deck sank back to the Everglades line and Johnson’s Foley was awash.

It was the most dramatic thing since the Clermont set out down the Hudson River. Strong men embraced and young boys ran back and forth hurling their caps in the air. The Goldberg churned gracefully up and down the canal through a fine, rack growth of hyacinths.

Today, hyacinth jams are still painfully evident at the bridges in the district canals. And there are still substantial stretches of water that are covered with the weeds. But today these spots are noticeable, where two years ago similar stretches of open water would attract attention and occasionally comment: "We’ve got the thing licked now," says Johnson whose energies are now being channeled into the more pressing battle against flood waters. It’s the irony of fate that the engineer who spent two years getting rid of the hyacinth in order to get at the water is now trying to get rid of the water!

As the guy said, after a trip through the clover the other day: "It’s a wonderful place—for fish."

Well, after the flowers disappear it will still be a wonderful place for fish — thanks to an engineer who put two and two together and got 3-D, and a water-walking blitzkrieg.

An enterprising engineer with a flair for invention stole a page from the Goldberg and started fresh war on the hyacinth.

Johnson’s invention rolls with equal ease over dry land or hyacinths.
SARASOTA COUNTY
Pick any spot in Sarasota county where a cork will float and it’s an even bet that you’ll start pulling in your share of bream, speckled perch and warmouth bass. Fishing luck has been excellent in lakes and streams from one end of the county to the other. Fishermen-­capping daily bag limits have been the rule rather than the exception. The biggest stringers were caught straight through mornings and afternoons. Worms still remain the most attractive bait.

CHOCTAWHATCHEE RIVER
Lots of excitement and plenty of activity at the end of the day have kept things interesting for fishermen along Choctawhatchee’s historic river. Best results have been reported using live shrimp or redworms.

LAKE TRAFFORD
Bream and trout have been “biting up a storm” in Lake Trafford. The fish are biting even better than usual, and area anglers are catching fish like they’ve never caught them before.

MANATEE COUNTY
The “best fishing in years” describes the kind of luck fishermen are having in the Braden river, Myakka river, Horsetail creek and Ward lake. Old timers report that fishing generally is better in Manatee county now than it has been for a number of years. The hour you choose to fish is important.

O’CHLONKNEE RIVER
The best results in Leon county, this month’s not going to the Ochlocknee river where bream are plentiful and choice speckled perch be the key to making things exciting. Second choice goes to the Okeechobee, where fishermen have been catching their share of good ones. If it’s perch you are looking for, wet your line just below the river dam but do your fishing fishing about 20 miles below the dam. Use either oak worms or crickets for bream and minnows for perch. Nat Williams, Bob Balfour, Bill Flowers and Jim Campbell are just a few of the lucky anglers who have been home recently with full bag limits from Okeechobee lake.

SUMTER COUNTY
This county is holding “fisherman’s paradise” thrills for the boys and girls who try their luck on Lake Griffin or Lake Hexam, Lake DeSoto, Lake Ivanhoe or Lake Kissimmee. You can take your pick of the spots mentioned but your chance at the fish is only as good as the weather. No. 1 in your list of potential spots is Gator Lake. You can take your pick of the spots mentioned but your chance at the fish is only as good as the weather. No. 1 in your list of potential spots is Gator Lake.

LAKE OKEECHOBEE TRIBUTARIES
Scores of green fishermen, most of them on their first fishing trip, have been coming home the poor limit of black bass and blue bass ranging in size from 14 to 20 inches. The Okeechobee Martin, Palm Beach, Hendry, or Glades counties. Favorite bass lures included the Hopkins Shad, Black and White bass, and Manatee bass. John Dillon, 2000 plus, indicated 24 bass fingered 25 inch fish, John Dillon, 2000 plus, indicated 24 bass fingered 25 inch fish, 24 bass fingered 25 inch fish.
## Game and Fish Violations (Continued)

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* Bold reflects cases where a suspended sentence was imposed. **Bold and italicized** reflects cases where the defendant was fined and/or imprisoned. *S.D. Sentence deferred.* **S.D. Sentence deferred.**
Florida Hunters To Get Free License Envelopes

Every Florida hunter will receive free a new museum-designed license holder this year when he purchases his hunting permit for the 1947-48 season.

The new two-color, holder, supplied by Allied Water Fish Com-
pany of the State Game and Fresh Water Fish Commission, is made as a courtesy to the sportsman, to be used as water repellent material and to prevent the hunter's license from becoming soiled or torn.

On the outside of the holder is a one-ounce pledge urging all hunters
"to help conserve, protect and restore Flori-
da's wildlife." On the inside cover is quoted America's pledge.

Commission Sets Up Public Hunting Area In Southeast Florida

South Florida Faces Sharply Restricted Hunting Regulations

Plantation department of the Farm Service Administration, the

Commission has been notified by the Governor.

Florida's largest city, has been faced with the problem of keeping the

"Greater Miami, we have no licenses to sell now," Mr. Neufeld

said. "There are no license seekers in Miami now." The reason for this

is that the Miami public has become aware of the importance of

conserving the state's wildlife.

At the time of the announcement, the Commission had as its

goal the establishment of a public hunting area in the southern part of

the state. The area was to be located in the Everglades region.

The new public hunting area, which includes the Everglades and the

Everglades National Park, will be open to all hunters.

The area will be divided into two sections: one for quail hunting

and another for duck hunting. The regulations for each section will be

posted at the entrance of the area.

In order to obtain a license to hunt in the public hunting area,

hunters must first obtain a permit from the Department of Game and Fish.

The permit will cost $5.00 and will be valid for one year.

Hunters are reminded that the hunting season for quail is from

November 1 to March 31, and for duck from November 1 to January 31.

Each person who hunts in the public hunting area must possess a

valid license and permit.

By NICHOLAS CURTIS

NEW DISCOVERIES ON BULLET-SHOCK

Each bird was shot into a block of gelin

which density closely resembles that of

animal tissue. Using high-speed pho-

tography in conjunction with timing equip-

ment which stops a bullet in its tracks an-

ywhere from gas muzzle to its final target,

the ballisticsman photographed the gela-

tin block at the following five stages:

1. Just before the bullet entered.
2. Just after it had passed through.
3. After the bullet was about a foot away.
4. The exit hole produced by the bullet.
5. A cross-section showing the bullet channel.

The same pictures were made using a solid point bullet and a hollow point bullet. In both series of pictures the gelatin ex-

sposed under the impact of the bullet. As expected, the pictures showed that a hol-

low point bullet which mushroomed, imparted far greater shock than a solid point bullet.

It was not until after a study of the pic-

tures that it was realized that maximum shock occurs when the bullets were well beyond the gelatin. It has been commonly believed by the average hunter that maxi-

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pact. The pictures in SPORTS AFIELD dis-

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19

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IOW AND ALL WATER
Florida members of the Bow and Arrow Fraternity will be given an opportunity to try out their skill Nov. 23-29 when the U. S. Fish and Wildlife Service will conduct a bow and arrow deer hunt at Blackbeard National Wildlife Refuge, Blackbeard Island, Ga. The island is located a few miles off the Georgia coast about 50 miles south of Savannah.

Wildlife Service officials have recommended the killing of 100 bucks from the island's estimated 600 deer. However, firearms will not be permitted on the refuge and the hunt will be held exclusively for archers.

Commission Exhbit
Attacks Thousands

Nearly 100,000 people visited the Game Commission's exhibit of native animals, birds and fish during two recent Florida fairs, Director Ben C. Morgan has estimated.

Kandy, a two-month-old baby deer, succeeded in stealing the show and attracting the lion's share of attention at the Pensacola Interstate Fair and the Leon County Fair at Tallahassee.

"We've had a little trouble keeping Kandy from planting sticky kisses on visitors who get too close to her rustic cage—but she's still prime draw of our show," Morgan said.

The commission's animal exhibit included several deer, a fox, squirrels, coons and even a growling month-old wildcat. Nearly 100 bass, brown and perch, ranging from baby to the fighting size, are exhibited in large glass tanks while quail, wild ducks, geese and strutting turkeys are shown in screened enclosures.

Thousands of pamphlets, carrying the theme of wildlife conservation were passed out to spectators at both fairs.

BASS IN A BARN

Aided by flood waters in Palm Beach County, State Commissioner of Agriculture Nathan Mayo, on a recent trip to Belle Glade, proved beyond doubt that his process as a fishermen's buddy is a plus in Bream's Believe It Or Not.

After catching choice black bass in flooded bean patches and muckholes, the commissioner topped off the day by rowing his boat to the vicinity of a barn on the Dick LePish ranch and casting his 2,000 plug through an open barn door. An instant later splashing sounds echoed from the barn—the commissioner tagged at his fishing rod—and in a few minutes located a choice bass that would have been a credit to any expert fishermen on Lake Okeechobee.

Commission Biologist Urges Hunters To Turn In Quail Bands

Although the U. S. Fish and Wildlife Service estimated fewer than 40,000 Mexican and native quail this year, it is up to Florida hunters themselves to make the banding program a success.

O. E. Frye, Jr., the commission's Federal aid coordinator, urges that the bands be mailed promptly to his agency's Tallahassee office by all hunters killing the banded birds this hunting season.

The quail were banded and released as a means of studying their movements and survival, Frye said, but the program will fail unless the hunters return the bands to the commission and designate the locality in which the birds are killed.

"Prompt return of the bands is essential to the success of our quail conservation program," Frye declared.

What Does Man Know About the Peril of Non-Stop Flight?