

New Jersey

Outdoors

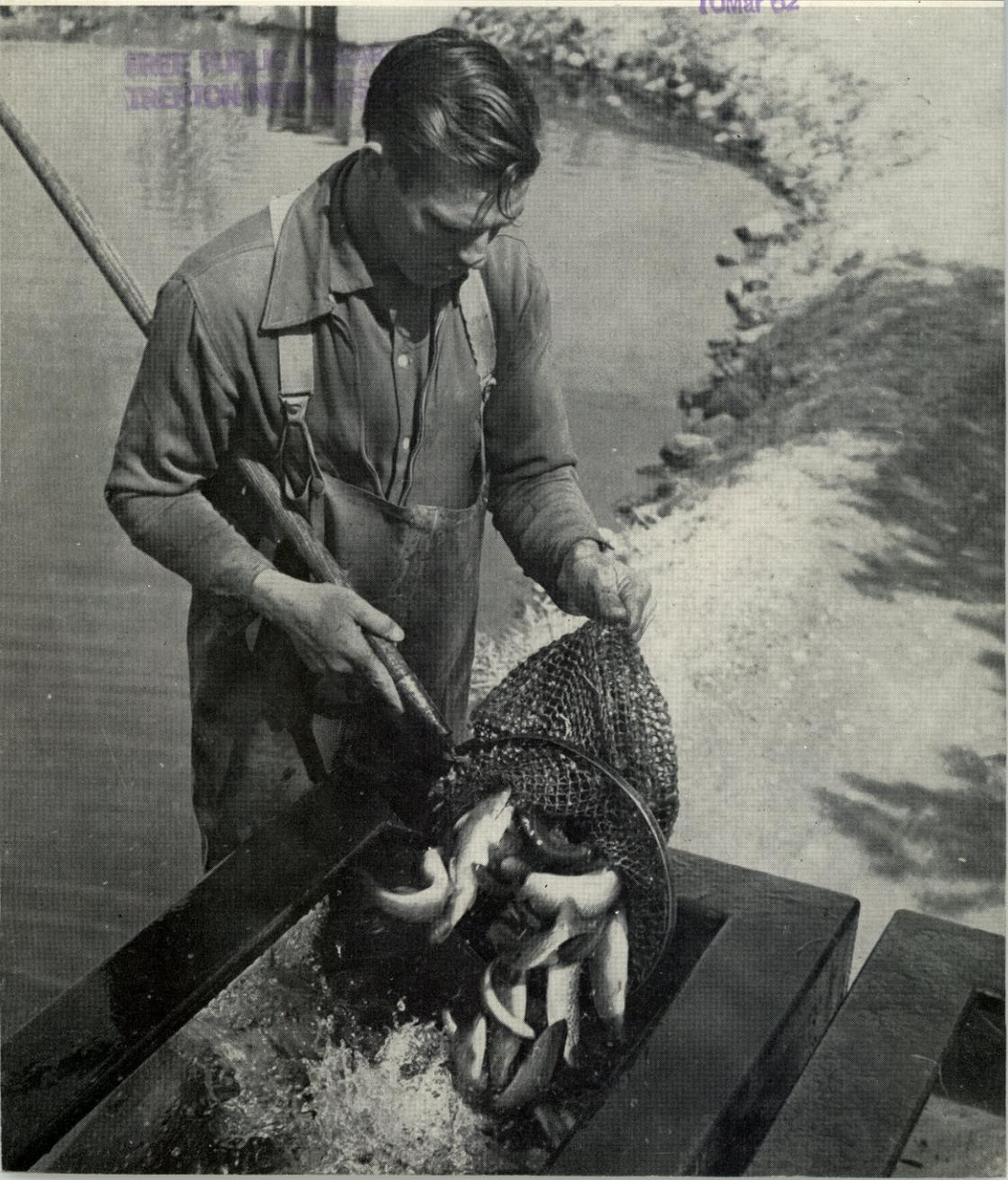


VOL. 12, NO. 9

DIVISION OF FISH AND GAME

MARCH, 1962

10 Mar '62





"HELP SAVE MY HOME"

DILEMMA of the DUCKS

IN THE MARSHES of New Jersey and all over the continent, wild ducks and geese are heeding an age-old call of spring to head for northern nesting grounds where they will attempt to reproduce their kind. The "V" of high-fliers or the rush of a flock rising swiftly from the water seldom fails to stir our emotion and admiration, yet what will these birds find this spring as they seek nesting sites?

To put it simply, the ducks are in a dilemma. The situation is serious, in fact, the National Wildlife Federation and the New Jersey State Federation of Sportsmen's Clubs, its state affiliate, have decided it should be featured during the current observance of National Wildlife Week. Theme of the Week, being observed March 18-24 this year, is: "Waterfowl for the Future, by Conservation of Wetlands Which Benefit Man and Wildlife."

There is no question that ducks and geese are in severe circumstances. Many authorities say that continental flights of migratory waterfowl, once estimated in unnumbered millions, will dwindle to remnant flocks unless positive steps are taken within the next ten years to preserve their habitat. International aspects of the problem complicate a solution.

Many factors are combined to make inroads upon waterfowl populations. As the birds begin their southward migrations in the fall, they encounter the traditional hunter. A greater danger is the more effective illegal trap of the market hunter. Ducks also run afoul of agricultural chemicals and waters polluted by all sorts of wastes, including oil products which render them unable to fly. Disease, inadequate food supplies, and predators also take a toll. Most of these same problems, with the exception of hunting, then persist on the trek back to the north in the spring.

In spite of these difficulties, however, waterfowl populations probably would flourish if habitat conditions were favorable, especially on the nesting grounds. Here, in the northern U.S. and in the prairies of Canada, rests the greatest problem.

(Turn to Page 23)

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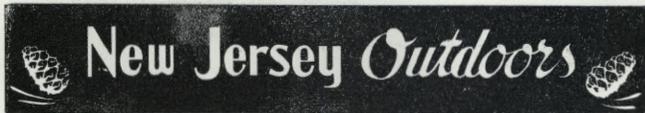
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the betterment of hunting and fishing in New Jersey.

IN THIS ISSUE

	PAGE
Preaching put into practice <i>William Peterman</i>	2
Walleyes <i>Bob Stack</i>	9
Bob Williams	14
Stocking Policy Revised	15
To Build a Rod <i>George F. Ruppert</i>	20
What You Can Do	23
The Eggs and the Trout	25
Wilson Award	26
Council Highlights	27
Fur, Fin and Campfire <i>Jack Sords</i>	29
Rare Bags	30
Violators Roundup	31

Cover—"STOCKING STARTS"—*Harry Grosch*

During March the truckloads of trout
again start rolling from the hatcheries

Editor: **Bob Adams**

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preaching put into

By WILLIAM PETERMAN, *Public Information Assistant*



South of Trenton on an 11-acre tract one can find youth and conservation in action. This tract is located off route 130, opposite the Yardville Sales Center, at Yardville. The youth group is Yardville Explorer Post No. 87 under the leadership of Earl S. Wood.

The area is located on the Delaware Valley Industrial Park site and has been loaned to the Explorer Post by Mahony-Troast Co. Although classified Industrial and being held for such future use, it is now being put to use as a multi-purpose demonstration area.

To appreciate the change in the area today, you would have had to see it before Post No. 87 took it over. Being somewhat out of the way, it was being used by individuals for dumping trash and garbage. The first step was to eliminate this trash disposal by non-caring individuals, and to dispose of the debris accumulated. Working primarily on week-ends, all plain garbage was burned, bottles were buried in hand-dug pits and cans were collected to let rust away. All lumber and posts, were piled along the edges to provide cover for wildlife, especially rabbits, and discarded railroad ties from the railroad right-of-way, were piled to provide additional escape cover for rabbits.

Explorer Post No. 87 took over the area with a multiple use concept in mind. A camp site and general out-of-doors activity area were foremost in their planning,

practice

Photographs by JOE KLEIM

. . . Preaching into Practice

but it is available for other interests as forestry, bird watching, soil conservation and others.

The overall plan for the develop-

Representative came in periodically and put in food patches in the Spring, rye patches in the Fall and instructed the boys on cutting and

In addition to the above, the scouts have made perimeter cut-



Border cuttings being utilized for brush piles

ment of this area is a five (5) year plan set up by the Farm-Game Habitat section of the Division of Fish and Game under the leadership of William Shoemaker, Assistant Wildlife Manager. The Wildlife

tings, planted evergreens and placed multiflora rose hedges across the area. All of these plantings have been side-dressed, periodically, with fertilizer.

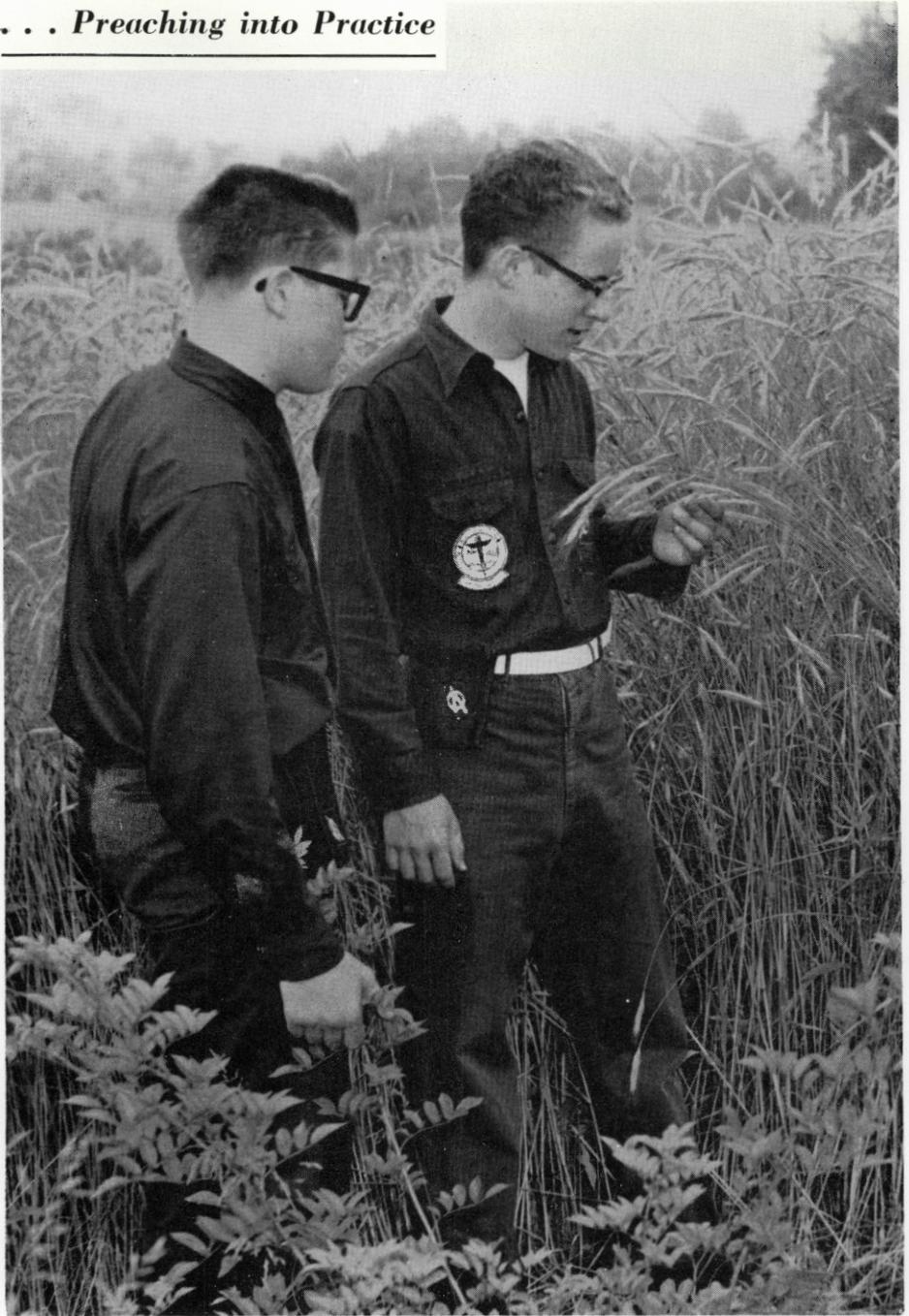
The Explorer Post has received



Weeding pine seedlings planted for winter cover

Old lumber and wood being piled for game cover





Rye patch, in background, and multiflora rose, foreground



Members of Yardville Explorers Post 87 and their Advisors

wonderful cooperation, not only from the Division of Fish and Game, but also from various private organizations, such as The Davey Tree Co., Pennsylvania Railroad Co., G. L. F. and United States Steel Corp., who have provided them with needed materials or given them technical assistance.

Wildlife is coming back to the area. Before the scouts took over, Mr. Wood, who ran Beagle Hounds there, estimated a very light rabbit population of possibly less than 1 rabbit per 2 acres and no birds. Periodic game counts as the work advanced, showed wildlife becoming more abundant. During the 1961 small game hunting season, 8 scouts hunted about 10 hours and harvested 12 rabbits and 6 pheasants. This was the known harvest and it is assumed that the actual harvest was larger, because signs

were present, through trampled vegetation, that other hunters were using this area.

During the snow in December, a track census showed a relatively high rabbit population, some pheasant activity and at least two coveys of quail utilizing the area.

Many sportsmen visiting the section have been impressed with the resulting wildlife and have stated that they are taking the information back to their own club to see whether they can't get similar work done on their club grounds.

This example of cooperation and work, providing food and cover, again proves that nature will do her share in producing the wildlife crop plus the side benefits resulting from good land management.

Our hats are off to a conscientious and hard working scout group for a job well done. #



Delayed Action from

WALLEYES

in Lake Hopatcong

By BOB STACK

Photographs by HARRY GROSCH

ON WEDNESDAY January 3 at 3:45 in the afternoon Bill Goldwick of Ledgewood had his hands full while fishing through the ice at Lake Hopatcong. Bill was fishing from the west shore of the lake at Wildwood Shores using a home made jig, when he had a terrific strike. After a tussle he won't forget for many a day, he landed a walleyed pike that measured $31\frac{3}{4}$ inches in length.

It was hard for Bill to believe that a fish of this size could be caught from Hopatcong or in New Jersey in this day and age. Bill, being a member of the Knee Deep Hunting and Fishing Club of Lake Hopatcong, on his way home took his catch to Hud Benson's Hardware Store at Landing—one of the many official weighing stations for the club at the lake. The big fish brought the scales down to 11 pounds, 4 ounces and it measured $18\frac{3}{4}$ inches in girth.

Record Fish

It has since been established that this is a record for a walleyed pike, caught from a lake in New Jersey.

The State record for Walleyed pike, taken 28 years ago from the Delaware River, still stands at 12 pounds, $12\frac{3}{4}$ ounces. The fish, which was $32\frac{1}{2}$ inches in length and $18\frac{3}{4}$ inches in girth, was caught by Stanley Norman of Paterson in 1934.

Early Activity

Many fishermen and residents of the lake have been asking about the large walleyes that have been caught for the past several years and where they came from. Dr. Roland F. Smith, assistant chief of fisheries management, is the man to thank for having walleyes released in Hopatcong. The fish were obtained from the Great Lakes and trucked to New Jersey for the first such stocking. Under Alban R. Essbach, fisheries biologist, many of these fish were tagged before being released. The table with this article shows the pertinent facts about the walleyes stocked in Lake Hopatcong.

It was during this period that the Division of Fish and Game and

← This is how Bill Goldwick does it, using a deep sea rod, fly reel, 20-pound monofilament line, and homemade jig lure

. . . Walleyes

the Knee Deep Club were starting the trout stocking project in Lake Hopatcong and not too much notice was given by the fishermen to the releases of the walleyes. Only a few of the tags were recovered from the

fish were caught that made all sit up and take notice. Almost every one of the weigh masters for the club have since weighed in walleyes of four to eight pounds.

Contest Records

The Knee Deep Club, at the time walleyes were released in Lake



How to catch a record fish. Bill Goldwick of Ledgewood cutting a hole in the ice of the main lake of Hopatcong with his homemade ice spud

walleyes that showed up in fishermen's catches. The last that was received in 1955 gave a total of about 10 per cent of the tagged walleyes caught at that time. Nevertheless, with the heavy fishing pressure that Hopatcong receives year around, very little was heard from the walleyes during the next two or three years. Then each season since 1959 several of these

Hopatcong, listed them in their Annual Fishing Contest as a fish that would receive prizes. Categories of first, second, and third place were listed. Over the years never more than one walleyed was entered in the contest at a time so the species was later dropped to a prize for the biggest of the species only for its club members. The club, however, does honor exceptional catches by

fishermen who are not club members and weigh their catch at an official weighing station.

Several trophy awards have been given for outstanding walleye catches to non-members. This past season John Albach member of the Knee Deep Club received the club's President's Trophy for the largest fish caught of the season which was a walleye of 5 pounds, 13 ounces and 25 inches in length. 1961 seems to have been a year when more large walleyes were caught than in any other year we know of and four walleyes, between six and seven pounds each, were reported caught by non-members.

The club members have been very impressed with the results of late with the walleyes of these sizes. The members have mentioned the fact to the Division Bureau of

ing pressure at the lake since the last stocking was more than six years ago.

There are very few lakes in New Jersey that have any walleyes. But, regardless of what body of water it is that shows such promise as has Hopatcong with the few fish that were stocked, it is time to take notice. The club members feel that it would pay to maintain the walleyes for the delayed action they are now giving.

Notes on Walleyes

Walleyed pike breed in early spring and usually run into the lower reaches of the larger tributaries but will also utilize the gravelly shore if streams are not accessible. Groups of the fish participate in the spawning, with the male fish predominating. Eggs and sperm are shed while fish are in a

WALLEYED PIKE STOCKED IN LAKE HOPATCONG

Number	Av. Size	Where Stocked	Tagging	Date
34	15 inches	Below Rt. 15 Bridge-Horicon Brook	all tagged	5/13/53
61	16 inches	Callahan's Cove	11 tagged 50 untagged	5/21/54
125	16 inches	Brady's Bridge Nolan's Point	42 tagged 83 untagged	4/21/54
27	15 inches	Brady's Bridge	all tagged	4/22/55
247			114 tagged 133 untagged	

Fisheries Management in hopes that future stockings might be continued with this species. It is felt that, regardless of what stocking these recently caught walleyes came from, it is astounding that the fish have held over under the fish-

close group. The eggs are very adhesive and small. A large female may contain several thousand eggs. Incubation takes about a week at 57° F.

Coloration of the adult fish is yellow to brownish green with an

. . . Walleyes

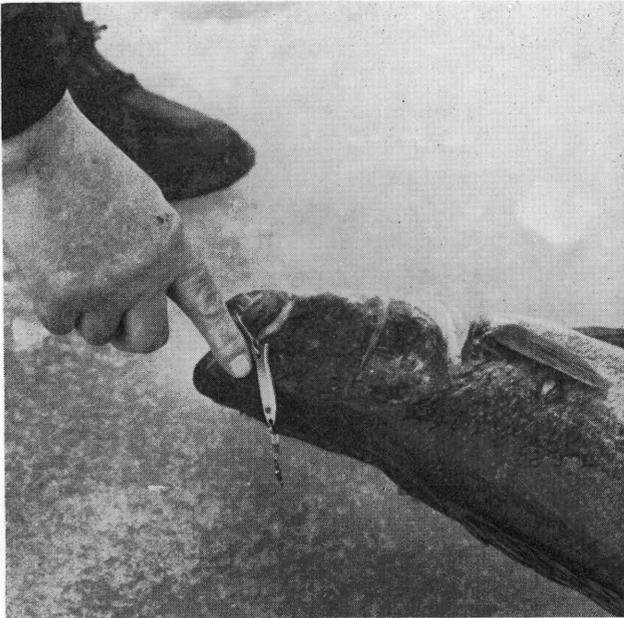
overlay of dusky blotches or mottlings. The pupil of the eye appears to be clouded. Walleyes may reach the weight of five pounds or more.

Game Fish

In most areas the walleyed pike is regarded as a good game fish and of excellent eating qualities. The popular way to catch them is

way to take them in many localities. One very important thing is walleyes continue feeding throughout the year.

John J. Toth, president of the Knee Deep Club has announced that the club will have the big walleyed caught by Bill Goldwick mounted by Fred Huber, Taxidermist of Belmar. The fish then will be on display for the rest of the



*Showing the
lure on
which the
big pike
was caught*

by casting with small plugs and spoons, and trolling. Bait fishing is very effective when the fish congregate in the shallows where they come in the evening. Ice fishing for walleyes is also a very popular

year at the club's meeting place, the Hopatcong House at Lake Hopatcong.

I think it is safe to say that Wall-eyed Pike fishing is DELAYED but not DEAD for Lake Hopatcong. #

Before the Division can justify the continued, expensive stocking of large-sized walleyes in Lake Hopatcong, more studies concerning its practicability must be made. Perhaps suitable walleyes may be transplanted from the Delaware River.





Superintendent of Hatcheries

BOB WILLIAMS



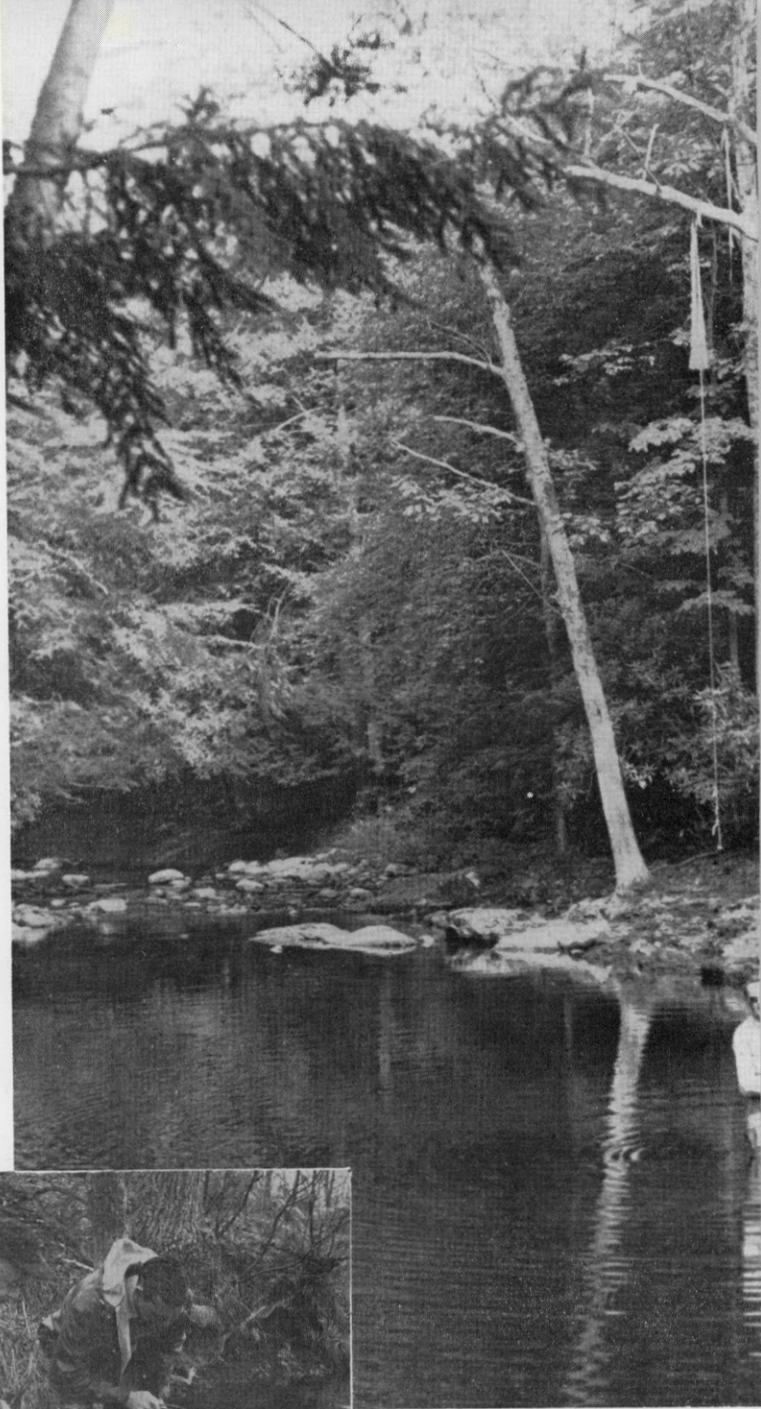
Bob Williams, who is in charge of the Division's world-famous fish hatchery at Hackettstown, is busy all year around producing those trout for you to catch. Bob is equally at home behind the desk or at the paddle.

STOCKING



POLICY REVISED *for better fishing*

TO PROVIDE better trout fishing and greater recreational opportunities for more fishermen, the Division of Fish and Game has revised its trout stocking policies. During the past year Director Underhill, Assistant to the Director Gross, and Councilman Kelly held meetings with Bureau of Fisheries personnel (including Chief Hayford, Superintendent of Hatcheries Bob Williams, Distribution Foreman Willis Beatty, and Biologists Bruce Pyle and Ken Compton) and Conservation Officer personnel (including Chief Coffin, and District Conservation Officers John O'Dowd and Al Jones). Various changes in the stocking policy and schedules have been adopted.



... **STOCKING** of the
be closed more than one d
fishing day each week on a

NEW JERSEY OUTDOORS



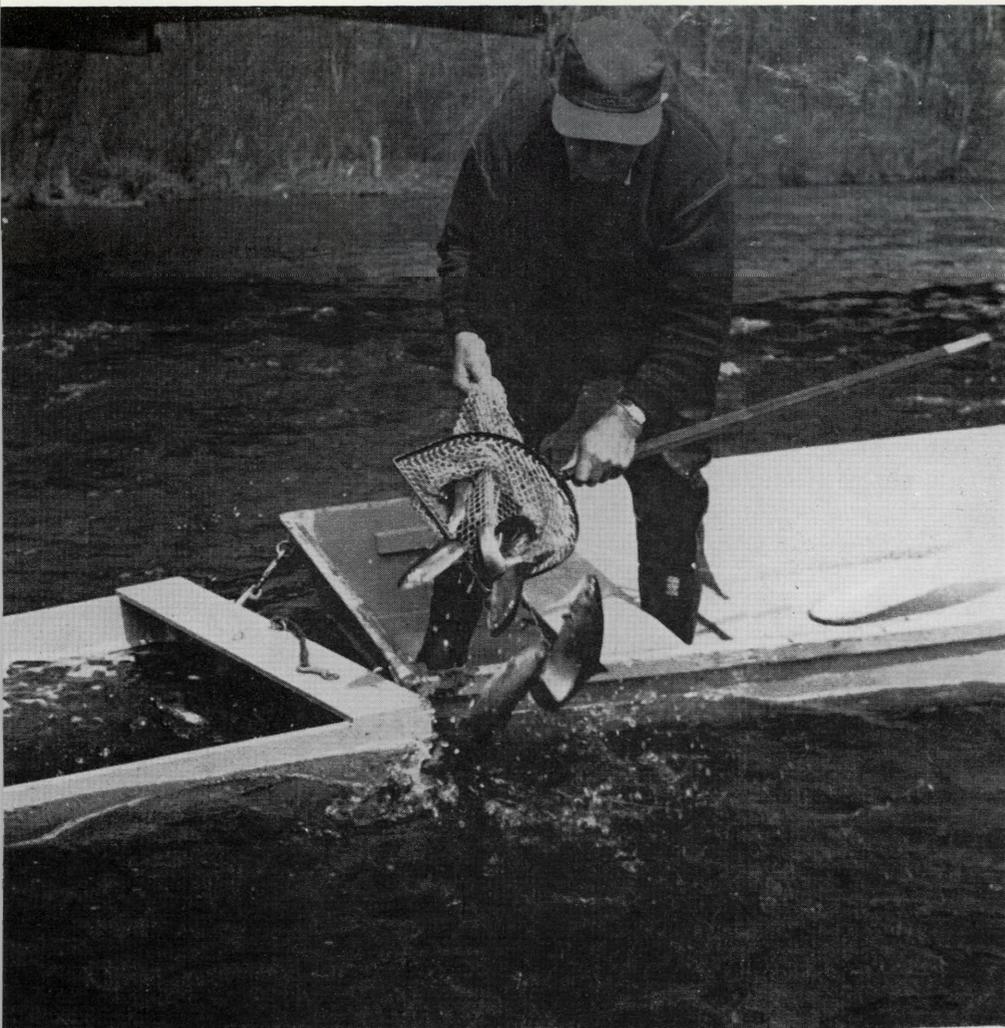
ed waters" will continue with this important provision: *No waters will*
er week for in-season stocking. Therefore, fishermen will have an extra-
closed water" streams and lakes that were closed for two days last season.

MARCH, 1962



... **STOCKING** of those small- and medium-sized streams, previously stocked only once before the season and not at all during the season, will now be continued during the season. By liberating fewer fish in such waters before the season, *additional trout will be available for in-season stocking of the popular smaller streams.*





In addition to the previously mentioned major changes in stocking policy, the Division will also increase its programs of float-stocking of larger streams and pail stocking of smaller streams to achieve wider distribution of the fish and, thereby, to afford better fishing. Also, certain waters subject to unusually heavy fishing pressure will receive more fish.

Photographs by HARRY GROSCH



HOW TO BUILD A SURF ROD FROM CALCUTTA CANE

By GEORGE F. RUPPERT

SURF FISHING has become an increasingly popular sport during the past decade. This is a method of salt water fishing requiring the angler to stand on the beach and cast a relatively heavy lure or bait out into the ocean with a long rod measuring anywhere from eight to twelve feet.

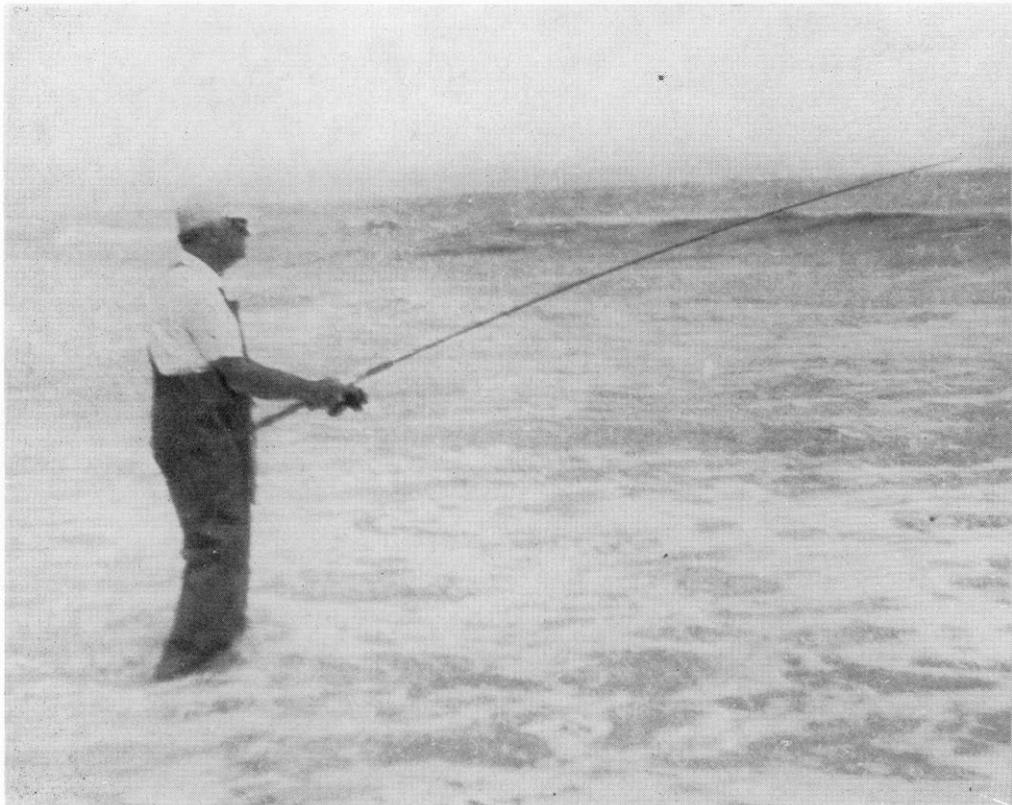
This article is not written with the intention of teaching the

angler how to surf cast. There are many fine books published on this subject, so we will confine our efforts to assisting the reader in the building of a surf rod from Calcutta cane.

Surf Rods

The early surf rods in use were built of split bamboo, Calcutta cane, lemonwood, greenheart, and

George F. Ruppert, with Calcutta cane rod, fishes through a storm



so forth. However, due to the scarcity today of genuine tonkin cane from which split bamboo rods were made, most surf rods today are either glass or Calcutta cane. Bamboo rods, although scarce, can be had for a price and today are mostly custom made.

Calcutta Cane

The Fisherman's Handbook, considered by many to be the bible of the fishing fraternity, describes Calcutta cane as follows:

CALCUTTA: A variety of bamboo which is generally used in the whole unsplit form for fishing rods; there is a great difference in quality between the male and the female stems, the male with nodes closer together being the better.

Calcutta sticks are usually 14 feet long and can be cut down to any length desired. The rule of thumb states that it is a tall rod for a tall man and a short rod for a short man. However, the rod for the tall man should be about 12 feet long and the rod for the short man should be about eight feet overall.

Building the Rod

We will now discuss the building of a long, Calcutta cane surf rod equipped with spinning guides. Although many veteran surf anglers still stick to the conventional rod with regular guides, spinning is so popular today that it enjoys an enviable position in surf casting. Calcutta cane is practically indestructible and can

very well stand up to the beating it will take in the surf. We might also add that there are many excellent, heavy duty surf spinning reels on the market today.

Here is a list of the material you will need to build a Calcutta cane surf spinning rod:

- 1 14-foot Calcutta cane rod
- 1 set of spinning guides (either carboloy or tungsten)
- 1 roller tip guide
- 1 spool of heavy duty nylon winding thread in each color desired
- 1 bottle of color preserver
- 1 bottle of rod varnish
- 1 ferrule cement

And, also some fine sand paper, or emery cloth, and steel wool

If the rod is to be a two-piece outfit, you will need in addition to the above a hickory wood, spring butt, a locking reel seat, and a butt cap.

Rod butts come in 24- and 30-inch lengths and the reel seat in lengths of about four inches. Since the surf rod must bend in casting just as any other rod does, it is deemed advisable not to cut off too much of the tip. If the 14-foot stick is to be cut back, the cutting should be at the butt of the cane.

If the butt handle selected is 24 inches, the tip section should measure 10 feet after cutting. This will make a 12-foot Calcutta cane rod. The guides go on the tip section and should be spaced evenly along the section.

It has now been determined that

. . . a surf rod

a number of guides on the tip section do not hinder the action of the rod in casting. Five or six guides on the tip section of a 12-foot rod are not too many. This is exclusive of the roller tip guide on the extreme end of the rod.

Step by Step

First place the locking reel seat on the hickory butt with ferrule cement, then cement the rod to the reel seat part designed to receive it. The next step is to cement the roller tip guide to the tip of your rod.

Mount a reel with line on the reel seat and draw off enough line to extend the whole length of the tip and pass the line through the roller tip. Tie on a sinker to the end of the line so the line will be drawn taut. Now fasten the guides to the rod with adhesive tape and make sure that all the guides are lined up.

Six guides would be just right for a rod of this size. Buy your guides graduated from 2½ inches in diameter down to ½ inch. The largest guide, called the gathering guide, is fastened on first at a distance of not less than 28 inches from the reel seat.

It is a good idea that, before any guides are permanently fastened to the rod, the stick be sanded down and rubbed with fine steel wool in order to get a satin finish.

We mentioned earlier that the first guide to be placed on the rod is the "gathering" guide. This is

the guide that gathers up the spiraling line and funnels it on to the next guide and so on right up to the roller tip. You are now ready to place the other guides on the rod. The last guide to be put on is the guide nearest the tip.

When all the guides are permanently in place and wound with nylon thread, the windings should receive at least two thin coats of color preserver, allowing each coat to dry thoroughly. When dry, apply two or three thin coats of rod varnish, allowing each coat to dry thoroughly. Rod varnish may be applied with a fine camel hair brush. But, many anglers apply the varnish to the windings and the whole rod with the tip of the index finger since brushing the varnish on may cause bubbles while applying the varnish with the finger will not.

You are now about ready to go surf casting. But, before starting out polish the rod with a good wax and on your return from a fishing trip rub the rod off with a damp, soft cloth and re-wax. This protects the finish from sand and salt water.

We may never hope to attain the world's record surf cast of 660 feet out in the ocean from the beach. But, we may experience the thrill that a fly fishermen gets when he hooks a nice trout on a fly that he himself has tied when we hook a bragging-size salt water fish on a surf rod we have built from a Calcutta cane. #

DILEMMA of the DUCKS

(Continued from Inside Front Cover)

Drought periodically hits the prairie pothole regions, as in the past few years, and the numbers of ducks decline. For more than two decades now, however, continuous drainage of wetlands is resulting in a permanent drought and waterfowl habitat has been reduced to a third of its original size. Then, when natural drought conditions prevail as well, waterfowl numbers dwindle to the point where years are required for recovery. In the U.S., it is an inconsistency of federal government which subsidized drainage of wetlands to continue and create more agricultural land at a time when crop surpluses pose a major national problem. It is doubly inconsistent that one agency of the federal government should stimulate drainage of the waterfowl wetlands that another agency is seeking to acquire.

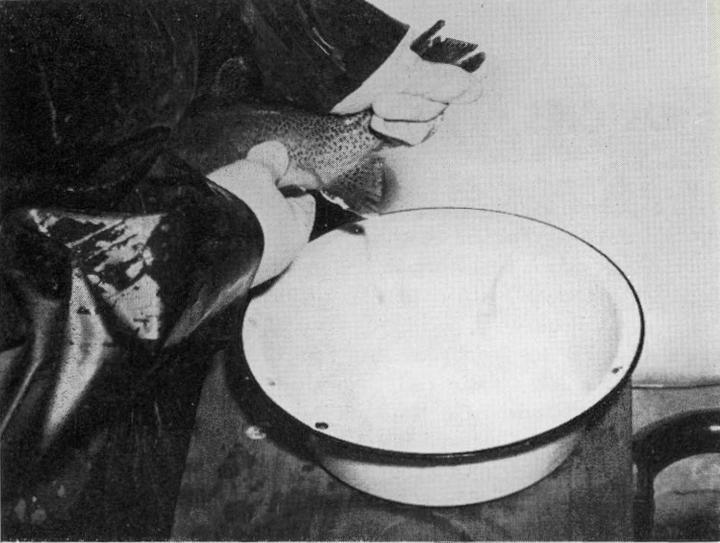
Clearly, immediate action is necessary to save the ducks and geese because of their tremendous importance to man. The Division of Fish and Game and the U.S. Bureau of Sport Fisheries and Wildlife, are busy acquiring wetlands for preservation as nesting, resting, and wintering areas. Funds for the acquisition of these areas come from sportsmen who purchase state hunting licenses, federal duck stamps, and sporting arms and ammunition. Much, however, needs to be done in Canada, where 85 per cent of the ducks and geese are produced, where they often are considered nuisances by farmers. Mexico, too, needs encouragement in waterfowl management, especially with the enforcement of hunting regulations. Illegal activities of the "market hunter" in the U.S. also must be stamped out and all of us can help by refusing to buy wild birds.

The best solution to an international problem of this sort appears to be in an international organization composed of representatives of the nations concerned. All of these problems then may be considered and resolved through coordinated efforts for the benefit of all. #

WHAT YOU CAN DO

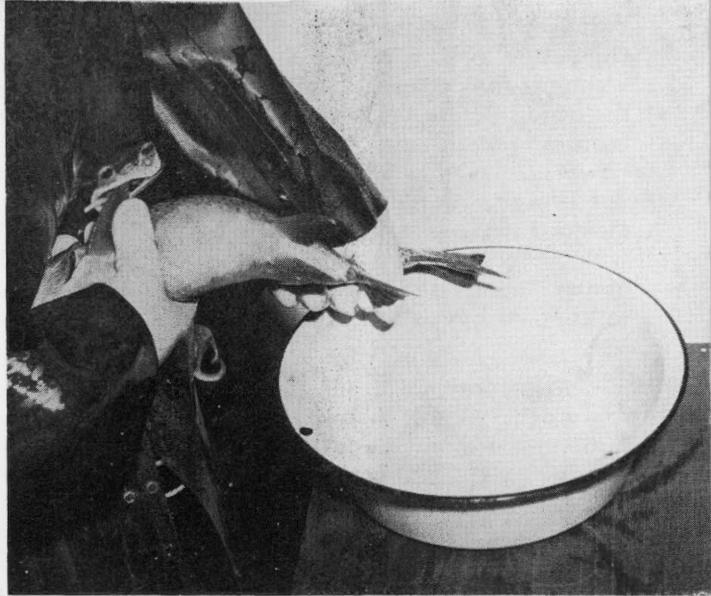
The average citizen can do much to help preserve and perpetuate waterfowl. Here are a few suggestions:

- ☆ Support the wetlands acquisition program at the Federal, state, and local level. Recently enacted Federal laws require Federal authorities to obtain the concurrence of state officials before acquisition of wetlands by lease or purchase can begin in a particular State. Landowners also must be persuaded to cooperate.
- ☆ Support appropriate proposals for the establishment of state refuges and wildlife management areas.
- ☆ Urge that waterfowl gunners observe Federal and state hunting regulations; shoot only drakes (males) when possible; and retrieve all crippled birds.
- ☆ Report known violations of waterfowl protective laws and regulations to Federal or state law enforcement authorities.
- ☆ Buy Duck Stamps each year even if you do not hunt.



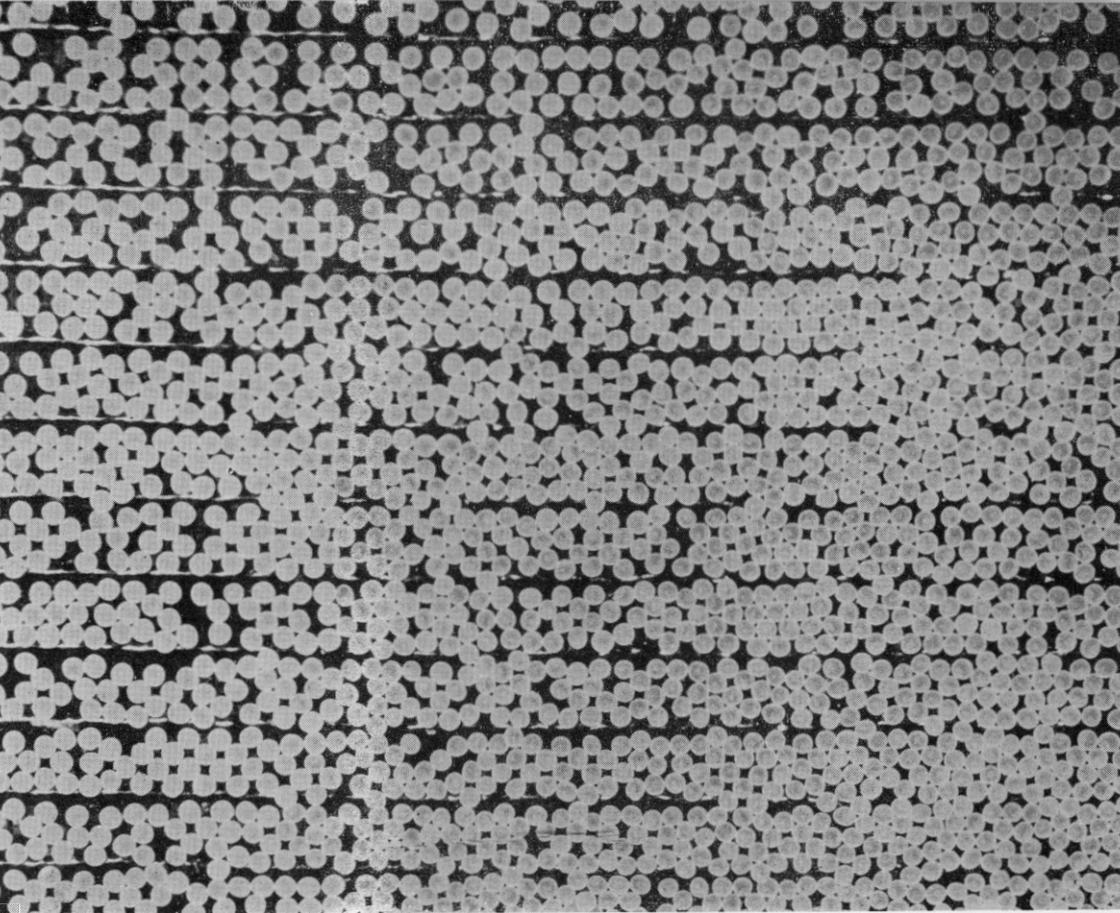
*Stripping milt from
a male trout to
fertilize the eggs to
be taken from a
female trout*

*Starting to strip eggs
from a ripe female
trout. Notice how
plump the trout is
at this stage*



*Completing the
stripping of the eggs
from the female
trout. The trout is
no longer plump*





the Eggs and the Trout

All trout fishing starts with trout eggs. Without the eggs there just would not be any trout—either wild or hatchery reared. At the hatchery the eggs are stripped from the ripe female breeder trout and mixed with the milt from the male breeders as shown in the pictures at the left. The fish shown happen to be rainbow trout, which are the last, seasonally, of the three trout species in New Jersey hatcheries to spawn. Rainbow eggs are taken at the hatcheries from late November into January. Both brook trout and brown trout eggs are stripped during late October and November. About one thousand eggs are obtained for each pound of live trout weight. At a water temperature of 52° F. rainbow trout eggs hatch in about 28 days, brookie eggs in some 42 days, and brownie eggs in 35 days. Survival in the hatchery to the eyed-egg stage runs as high as 98 percent for browns and averages 70 percent for rainbows and 75 percent for brooks. New Jersey has a decided advantage in "taking" its eggs from its own breeder trout since the over-age adults, as those in the photographs, are eventually stocked in open waters for fishermen. #

Photographs by JOE KLEIM

STATE FEDERATION OF SPORTSMEN'S CLUBS

"Raymond G. Wilson Award"—1962

In an effort to stimulate interest in Conservation, in the State of New Jersey, and as a part of the Federation's Youth Program, The State Federation of Sportsmen's Clubs shall confer the 1962 "*Raymond G. Wilson Award*" upon a youth, residing in the State of New Jersey, who has qualified through the fulfillment of the following requirements and who is adjudged the winner:

1. The candidate must be sponsored by a Club which is affiliated with a County Federation of Sportsmen's Clubs.
2. The candidate may not be younger than 12 years of age, nor older than 17 years.
3. The candidate must be a resident of the State of New Jersey and must have held such residency for at least one year prior to November 1st, 1961.
4. The candidate must be engaged or interested in Conservation activities.
5. Evidence of such interest or activity, such as newspaper articles, pictures, or affidavit of publication by other media shall be added credit in the selection of the winner.
6. A brief write-up, by the candidate, covering his, or her, Conservation activities, must also contain the following information: full name, complete address, correct age, schooling, name of the sponsoring Club.
7. The brief, submitted by the candidate, must bear the counter-signature of at least one parent or legal guardian.
8. The winner shall be invited to submit a report, concerning his, or her, two week encampment, at a suitable time, to the State Federation of Sportsmen's Clubs.
9. Judging shall be handled by the State Federation's Conservation Convention Committee.

The Conservation Convention Committee shall invite the recipient of this award to attend the Federation's *Fifth Annual Conservation Convention*, to be held in the Spring of 1962. The "*Raymond G. Wilson Award*" shall entitle the winner to two (2) weeks vacation at the "School of the Outdoors" in Stokes State Forest, Sussex County, New Jersey during the Summer of 1962.

Club selection of their candidate must be made prior to the March State meeting.

County Federation selection must be made prior to the State Meeting.

The County Federations shall forward, immediately, their selection to their Regional Vice President.

The State Federation's Conservation Convention Committee shall make the final selection prior to April 20, 1962. #

COUNCIL HIGHLIGHTS

JANUARY MEETING

The regular monthly meeting of the Fish and Game Council was held at Trenton on January 9. The officials present included the following: Chairman McCormick, Councilmen Bohm, Kelly, Frome, Sheppard, Lunsford, McNeel, Hart, McCloskey and Totten, and Director Underhill.

Conservation Officer Manual

Chief Coffin reported that the Conservation Officer Manual is shaping up nicely. Copies of all permits issued are being assembled and will be made part of the manual. Work on the legal portion has not yet been done.

Pequest Rearing Station

Councilman Kelly reported on progress at the Pequest Rearing Station. The Bureau of Construction has dropped the idea of precast concrete pools as impractical, and is going ahead with conventional methods. This is progressing very well. Material is being purchased now. It is hoped to have everything in readiness to start moving in the spring.

Fisheries Management

Councilman Kelly stated that he is meeting on Sunday with Mr. Kligman concerning the route of the sewer line. He will make a complete report to the Council at this meeting.

Mr. Kelly also reported that the Director, Staff, and Fisheries personnel have met this past week concerning revision of stocking procedures. Information is being consolidated and a further report will be given to the Council.

Sussex Soil Conservation Meeting

Councilman Frome stated he met with the Sussex County Soil Conservation group in their planning meeting. Roland Smith also attended the meeting. Mr. Tinsley stated that they have altered plans for the Paulinskill to conform with our wishes.

Federal Surplus Property

Mr. Kelly brought to the attention of the Council a large piece of land in the heart of Middlesex County, the Raritan Arsenal, which this Division should investigate acquiring. The Director stated that George Alpaugh has been representing the Division on negotiations for this acquisition through the surplus property plan and in setting up certain areas as recreational lands. Some areas are obviously more suited to industrial activity. However, it is hoped that much of the area can be set aside for recreational purposes.

The Director stated that the Executive Committee of the Inter-

. . . Council Highlights

national Association met with the Secretary of Interior Udall recently. At that time Mr. Udall stated that under the administration's new plan for recreation, he feels that many surplus government properties in the East can be set aside as open space and recreational areas.

Fishing License Sales

The Director read the 1960-1961 comparison of license sales. Copies will be mailed to the Council. However, this is not the final report.

The Director stated that the drop in the sale of fishing licenses corresponds to the drop in the sale of trout stamps. Therefore, he feels that it was the double increase in fees to trout fishermen which is responsible for the drop.

Dr. Underhill feels that there is a lot the Council can do to encourage trout fishing and re-establish license sales, by stocking procedures and making the public aware of what is being done for the benefit of the trout fisherman. Fisheries personnel are currently working on revised stocking plans.

The Director feels the situation bears watching, but actually the drop in total sales (all kinds) is less than the 10 percent that had been originally anticipated as a result of the increases in fees. Also, it is necessary to receive the final report to make proper determinations.

Deer Hunting License Abuse

Dr. Underhill stated that he would investigate for Councilman Sheppard a report that he had received about the abuse of hunting licenses. Reportedly, after the regular buck season was over and the publicity came out that the 1961 license could be used for a possible hunter's choice season on January 31, 1962, many persons, who had shot a buck during the regular season, had gone to the Conservation Officers claiming they lost their 1961 license and had obtained a duplicate for 50 cents. #

15th ANNUAL MIDDLESEX COUNTY JUNIOR SPORTSMEN'S SHOW

Rutgers Field House, New Brunswick

MARCH 27-31, INCLUSIVE

Daily—9:00 a.m.—10:00 p.m.

Saturday, March 31—9:00 a.m.—6:00 p.m.

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Special Events, and Division of Fish and Game Exhibit**

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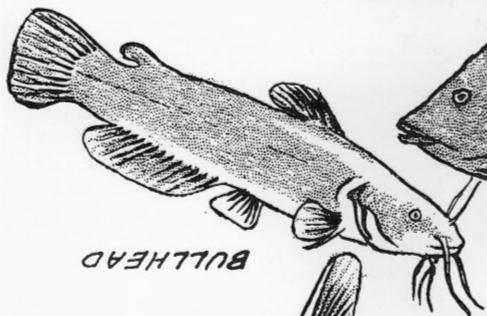
By JACK SORDS

THESE FISH
CONTAIN
THE NAME
OF AN
ANIMAL. CAN
YOU IDENTIFY THEM ?

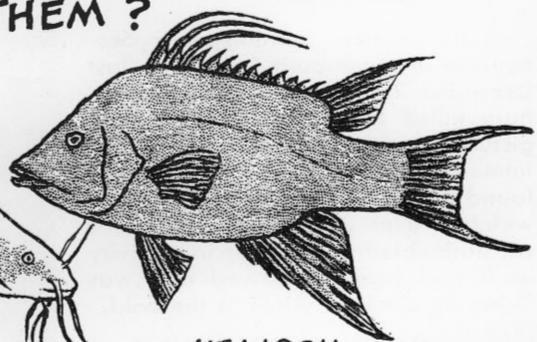
TIGER SHARK



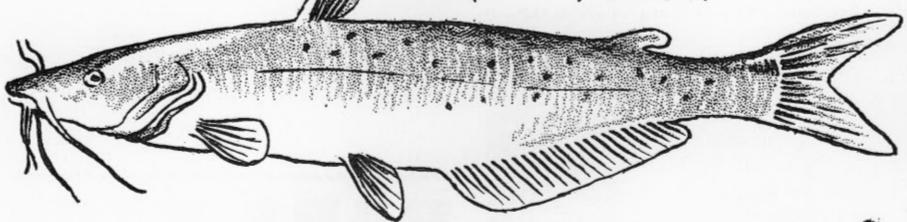
BULLHEAD



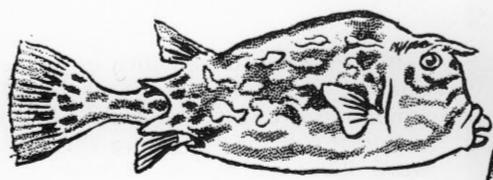
HOGFISH



CATFISH



COWFISH



SHEEPS-HEAD



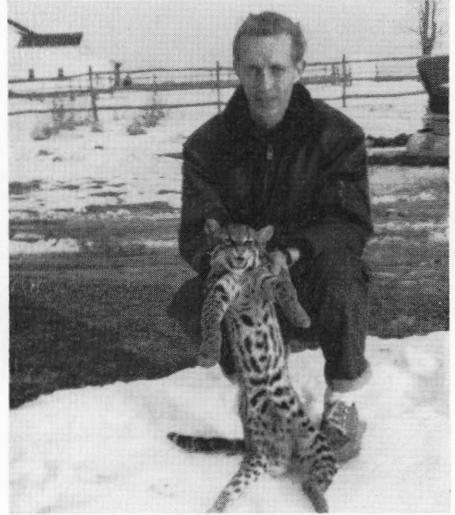
Buy your fishing license and trout stamp early!



On December 9 during the past up-land game season Frank Morminello, Jr. of South Amboy shot a real prize while hunting near Jamesburg in Middlesex County. Frank bagged this huge "jack rabbit" which was 13½ pounds in weight and 42 inches long.

While squirrel hunting near Scobeyville in Monmouth County on last December 29, Robert Fine of Shrewsbury killed the ocelot shown in the picture at the right. When checked immediately after it was taken, it was found to be in prime condition and weighed over 20 pounds. The exotic cat undoubtedly had been in captivity as it had been de-clawed and was living on chickens while in the wild.

MATTHEW F. FERRIGNO,
Assistant District Conservation Officer



RARE BAGS

Bill Pitman, of Bevens in Sussex County, in the photograph at the left, is holding a badger he caught in one of his fox traps set along the Delaware River valley this winter. (This large, digging member of the weasel family is common to certain western states but not native to New Jersey.

HARRY GROSCH



VIOLATORS ROUNDUP

NOVEMBER 1961

<i>Defendant</i>	<i>Offense</i>	<i>Penalty</i>
Edward Sheronick, Parker Rd., Chester	Hunt closed season	20
Edward Sheronick, Parker Rd., Chester	Hunt no license	20
Adoltha Donnelly, Morres Beach Rd., Delmont	Tag not displayed	5
Orlando Mattera, 119 W. 14th St., No. Wildwood	Poss. protected bird	20
Orlando Mattera, 119 W. 14th St., No. Wildwood	Hunt closed season	20
Peter Como, 575 Allegheny Rd., Wenonah	Illegal poss. large mo. bass	20
Herbert Haah, 117 E. Duncannon Ave., Olney, Pa.	Hunt no license	20
Anthony Saporito, 1072 North Ave., Elizabeth	Fish no license	20
Harold Valentine, 64 Audrey Place, Dover	Fish no license	20
John R. Sudol, 385 Union St., Trenton	Hunt no license	20
E. F. Drew & Co., Division St., Boonton	Pollution	1000
Harry Alpern, 243 Green St., Woodbridge	Pollution	500
Fred M. Slovenski, Steves Trailer Camp Rt. 18, E. Brunswick	Pollution	500
Charles R. Dipple, Box 301, Meadow Rd., Edison Twp.	Ducks after hours	20
Donald Heathcote, Myrtle Ave. & Lk. View La., Erma	Hunt closed season	20
Donald Heathcote, Myrtle Ave. & Lk. View La., Erma	Hunt no license	20
Lewis Dilks, 101 S. 3rd St., Millville	Hunt aid of lights	20
Kenneth F. Allen, 51 Franklin St., Lcominster, Mass.	Hunt no license	20
Anthony Nardona, 24 Friar Lane, Mountainside	Hunt closed season	20
Paul Hess, 32 E. Broad St., Millville	Hunt aid of lights	20
Ronald Dilks, Smith St., Millville	Hunt aid of lights	20
Robert Best, 32 Woodside Ave., Keansburg	Shoot from a roadway	20
John DeMilio, 95 Race St., Nutley	Hunt no license	20
Thomas Faldut, 5A Belleview Ct., Belleville	Illegal weapon	20
Joseph Luber Tazzi, 49 Braughton Ave., Bloomfield	Hunt no license	20
Jos. R. Donia, 623 N. Lenola Rd., Moorestown	Hunt no license	20
Louis Durand, Jr., 604 Division St., Vineland	Hunt from power boat	20
Thomas O'Keefe, 133 Lincoln St., Jersey City	Firearm on Sunday	20
Casper Sacco, 86 3rd Ave., Newark	Illegal poss. bird	20
Casper Sacco, 86 3rd Ave., Newark	Firearm on Sunday	20
Kenneth Koehler, 631 Pear St., Vineland	Fish no license	20
Dimitri Shastakow, R.D. 1, Box 15, Jackson	Illegal poss. deer	100
Cain Parker, 136 Broad St., Newark	Fish no license	20
George Dusenbury, 248 Walnut St., Livingston	Uncased weapon	100
Joseph Fabiani, 9010 3rd Ave., North Bergen	Illegal poss. bird	20
Joseph Fabiani, 9010 3rd Ave., North Bergen	Illegal poss. bird	20
Joseph Fabiani, 9010 3rd Ave., North Bergen	Illegal poss. bird	20
Thomas Hendrickson, 42 Cathay Rd., Clifton	Illegal poss. firearm	20
Anthony Olkewicz, 52 Evergreen St., Bayonne	Hunt before hours	20
Gene Makris, 157 W. 33rd St., Bayonne	Hunt before hours	20
Jeffrey Clayton, Dental Service Det., Ft. Dix	Illegal firearm	20
Robert King, R.D. 1, Vincentown	Hunt before hours	20
Timothy Sprague, Pemberton Rd., Browns Mills	Hunt on Sunday	20
Connie Dykema, Box 469, R.D. 3, Newton	Hunt no license	20
Allie Kize, Rt. 322, Mullica Hill	Hunt no license	20
Allie Kize, Rt. 322, Mullica Hill	Kill rabbit before season	20
Victor Vorganov, 326 F. St., Millville	Illegal poss. yellowleg	20
Anthony Venture, Montrose St., Vineland	Discharge firearm upon road	20
Benny Cicalese, Box 187, Colts Neck	Hunt no license	20
Frank Lantinga, R.D. 2, Blairstown	Hunt aid of lights	20
Cornelis Yntema, R.D. 1, Port Murray	Hunt aid of lights	20

. . . Violators Roundup

Defendant	Offense	Penalty
Leo M. Noon, 442 Chapman St., Irvington	Illegal missile	100
Leo M. Noon, 442 Chapman St., Irvington	Kill deer closed season	100
Jos. A. Pedota, 43 Passaic Ave., Belleville	Illegal poss. deer	100
Jos. A. Pedota, 43 Passaic Ave., Belleville	Hunt on Sunday	20
John A. Boone, Box 52, So. Phila Ave., Egg Harbor City	Procure license wrongfully	100
Paul Chambers, 6019 W. Terry Ave., Merchantville	Discharge firearm near occupied dwelling	20
Franklin Pancko, Old Georgetown Rd., Wrightstown	Illegal poss. quail	20
Jay Hause, Helis Stock Farm, Jobstown	Hunt no license	20
Albert B. King, 132 Arthur Ave., Colonia	Fail to tag deer	100
Kenneth Snarke, 71 Brookside Ave., Somerville	Uncased firearm	100
Roosevelt Stewart, 567 Montgomery St., Jersey City	Fail to exhibit lic.	Jail
Henry Lewandowski, 416 1st St., Palisades Park	Hunt deer at night	100
Henry Lewandowski, 416 1st St., Palisades Park	Hunt aid of lights	20
Kenneth Scheel, R.F.D. 1, Newfoundland	Uncased gun	100
A. Theuil, 79D Parkway, Haddonfield	Hunt before hours	20
Harry Hines, R.D. Hendricks Ave., Vineland	Tag not displayed	5
John F. Tombro, 80 Belmont Ave., N. Plainfield	Fail to exhibit lic.	20
John S. Murphy, 318 Dayton St., Newark	Tag not displayed	5
John W. Fox, Bridgeton Pike, Mullica Hill	Loaded gun in auto	20
Harry O'Neill, P.O. Box 174, Harrisonville	Loaded gun in auto	20
Thomas Carrow, 216 Crosby St., Chester, Pa.	Hunt with boat under power	20
Allen Bateman, Jr., Crown Pt. Rd., Thorofare	Hunt closed season	20
Allen Bateman, Jr., Crown Pt. Rd., Thorofare	Hunt no license	20
Louis Eversmeyer, 61 Buckingham Dr., Levittown	Illegal firearm	20
James Earley, Pemberton Rd., Browns Mills	Illegal firearm	20
Robt. McPherson, Highee Beach Rd., Cape May	Loaded gun in auto	20
Frederick Palmer, Highee Beach Rd., Cape May	Loaded gun in auto	20
Jackson Rogers, Blawenburg-Rocky Hill Rd., Skillman	Hunt aid of lights	20
David Johnstone, Rt. 69, Pennington	Hunt aid of lights	20
Aubrey Branham, Jr., 2400 Pennington Rd., Trenton	Hunt aid of lights	20
Joe Tutt, 34 Cutler St., Newark	Hunt closed season	20
Joe Tutt, 34 Cutler St., Newark	Kill 2 rabbits closed season	40
Pat Tutt, 66 Avenue C, Newark	Kill 2 rabbits closed season	40
Mack Trucks, Inc., 1533 W. Front St., Plainfield	Pollution	500
Ralph W. Drew, 29 W. End Ave., Newton	Hunt no license	20
Ralph W. Drew, 29 W. End Ave., Newton	Loaded gun in auto	20
Ralph W. Drew, 29 W. End Ave., Newton	Illegal missile	100
David Black, Riverview Tr. Park, Millville	Hunt closed season	20
Paul Hess, Riverview Tr. Park, Millville	Kill protected bird	20

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ESSAY CONTEST

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NEW JERSEY STATE FEDERATION OF SPORTSMEN'S CLUBS

1962 Conservation Essay Contest

1. Any youth, a resident of the State of New Jersey and registered in any school, from the 7th through the 12th grade, or any active member of any one of the following organizations, shall be eligible for participation—Free of Charge:

Junior Sportsmen of America	Future Farmers of America
Girl Scouts of America	Boy Scouts of America
Junior Grangers	N. J. 4-H Clubs
 2. The theme of the Essay shall be — *"My Responsibility Towards Conservation."*
 3. Only one Essay may be entered in the contest by any eligible contestant. (It is advisable to make two copies, but submit only one. Keep one for reference.) Each Essay must be the original composition of the boy or girl in whose name it is entered.
 4. Length of Essay: 500 words.
 5. Essays must be legibly written (double spaced if typewritten) on only one side of white paper. Paper must be standard size 8½x11 inches.
 6. Name, age, complete address, and affiliation must appear in the lower right hand corner of each page of the Essay.
 7. Judging of the Essays will be based 50% on coverage and understanding of the subject; 30% on originality and presentation; and 20% on effectiveness of presentation, spelling, punctuation, and grammatical correctness.
 8. All entries shall become the property of the New Jersey State Federation of Sportsmen's Clubs.
 9. The deadline for mailing entries has been set at midnight, April 1st, 1962.
 10. All entries must be mailed to: Mr. George H. McCloskey, Conkling Road, Rt. No. 1, Flanders, N. J.
 11. Awards: 1st Prize—\$100.00 U. S. Savings Bond
2nd Prize—\$ 50.00 U. S. Savings Bond
3rd Prize—\$ 25.00 U. S. Savings Bond
10 Honorable Mentions
 12. All winners (1st, 2nd, 3rd) shall be invited to attend the State Federation's Fifth Annual Conservation Convention in May, 1962. The winners shall be asked to read their Essays during the course of the Convention. Awards shall be made at the Banquet on Saturday evening.
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NEW JERSEY OUTDOORS

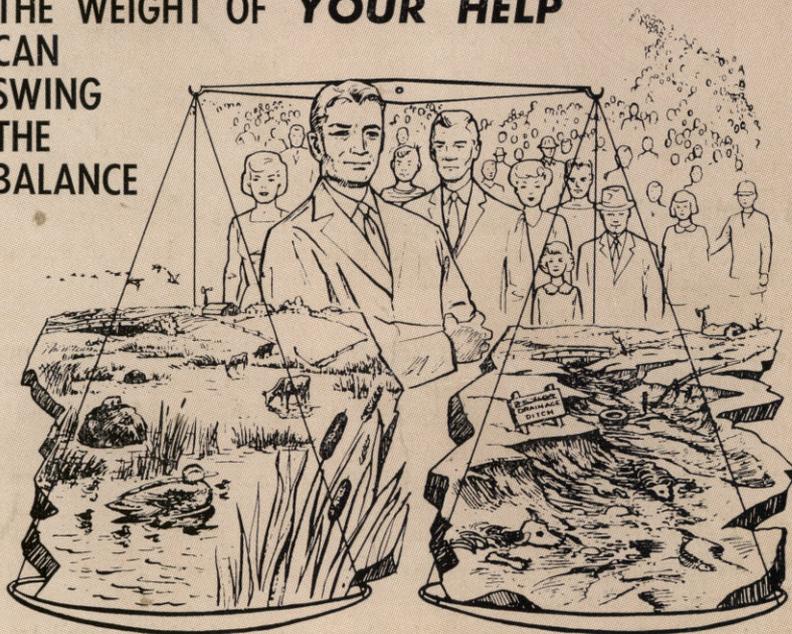
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