

# New Jersey *Outdoors*

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Division of Fish and Game

April, 1965





# My Health Is Better In April

**My Health** is always better in the spring-time. Especially in April when I know I can start trout fishing again.

As the ice leaves the streams, my pulse seems to strengthen and quicken. My cheeks take on a glow that looks and feels pretty pleasant after winter's pallor. My legs gain a certain vigor that helps travel along the streams while my arms and hands seem attuned to the feel of a fishing rod. And, my eyes gain, what seems to me, a sharp, predatory glint that is the better for spotting feeding trout.

Now, this better health is not all just in my head. Sure, my whole outlook is brightened simply with the thought of going fishing. But, I have noticed also that I am actually conditioning myself physically, even though it is without planned intent.

Since late winter my hands and fingers have become more nimble from the tackle tinkering and fly tying I enjoy. Ever since March, when I made my annual pilgrimage to the Fish Hatchery at Hackettstown and, this year for the first time, the Pequest Fish Rearing Station, I have been getting outdoors more. I have been traveling the streams and scouting favorite fishing spots. What with the bright vernal sun and the fresh spring breezes, no wonder I'm getting back my outdoorsman's tan on brow and cheeks.

By the time I'm fishing in earnest I'll really be in pretty good shape — physically well and mentally happy. Yep! My health is always better in April!

—Frank Sontag



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# New Jersey *Outdoors*

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## In This Issue

My Health Is Better in April .....	C-2
The Try Again Brownie .....	2
Trout Stocking for 1965 .....	7
This Is As It Was .....	11
Trout Regulations for 1965 .....	16
Pequest Trout Rearing Station .....	19
The Size of Trout .....	24
Waters Stocked With Trout .....	25
Council Highlights .....	31
The Fox .....	34
Violators Roundup .....	36
Fur, Fin, and Campfire .....	C-3

### Cover—"Time for Fishing"—*National Wildlife Federation*

This is the time of the year that the outdoorsman gets  
that powerful urge to be out on the streams and lakes  
trying his luck with his fishing and camping partner.

**Vol. 15, No. 10**

**April, 1965**

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# the try again

# Brownie

A monster brown trout in the Musconetcong River takes the bait but gets away. Things end up differently when the angler tries again.

*By Eric Swenson*

**The big brown**, his great hulk prominent in the crystal water of the glassy run, swung out from behind the boulder, into the main current, and socked my minnow. He must have felt the hook immediately because abruptly he shook his head and shot swiftly downstream. He broke free of the hook in a wink.

## Trout Fever

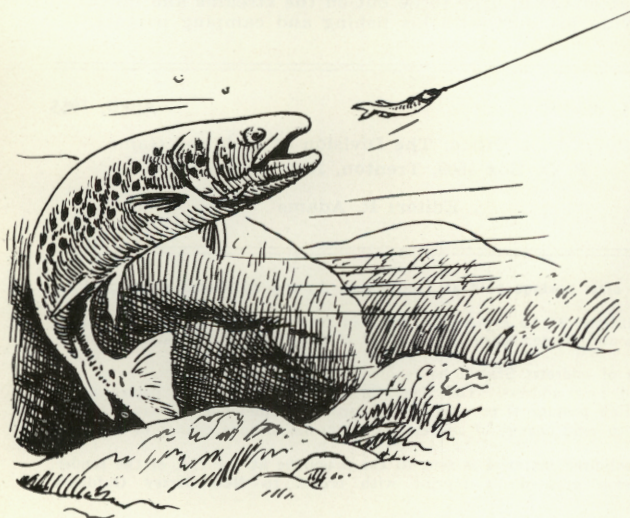
I was left with a limp line and a bare hook along with a severe onset of trout fever. The extraordinary size of the monster, the vio-

lence of his strike at the bait, and the speed of his run left me with trembling hands, rubbery knees, and a drained heart.

My trout of a lifetime was lost and gone in seconds! I didn't know whether to jump in the river right then and there or hop in the car and scoot for town.

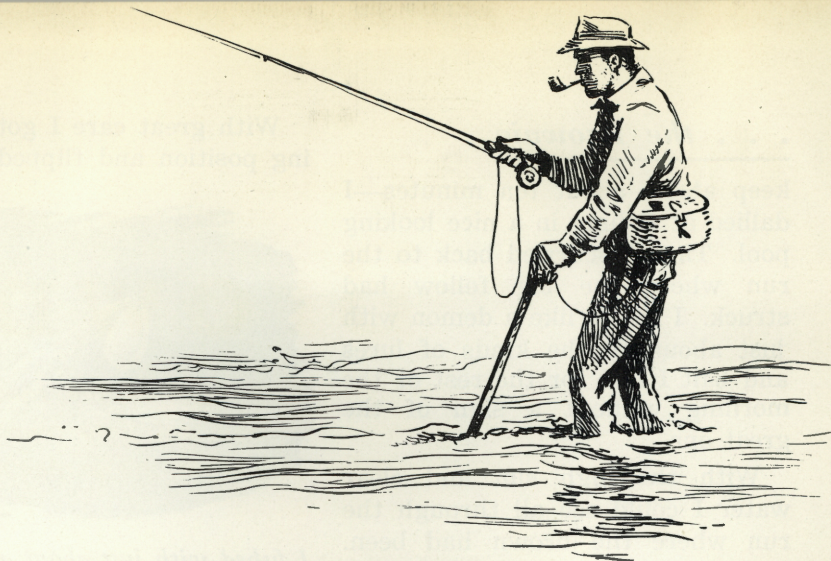
## My Buddy

I reeled in my line and waded over to my fishing buddy Jim Cavalo. Although Jim had not



*The big brown swung out from behind the boulder and socked my minnow*





*Jim eased back into the river to return to his casting*

actually seen the fish, he had glimpsed my bowed rod and could not help but observe my agitation. His willingness to listen to my tale of woe helped calm my rent nerves and mend my shattered will ever to fish again.

Jim stripped in his line, examined his plain wet fly—Jim fishes flies only come ice or high water—and joined me on the stream bank.

### **A Big Trout**

I exploded, "That trout must have been close to two feet long!" I tried to convey to surprisingly sympathetic Jim how great a fish it was and how much I wanted to catch it.

\* \* \*

We had driven together from our home town that morning to spend the day on the Musconetcong River. I don't think that we had been fishing more than an hour, with better-than-average luck with pan-sized trout, when my trout-of-all-trout came and went so suddenly.

The season was still early and the water was a bit high and cold. That's why I was fishing the minnow with my spinning rig. A little later, when the water warmed and the trout became more active, I'd fish with regular spinning lures.

As the season progressed I would join Jim in fly fishing. But, right then I had more confidence in natural bait.

### **Try Again**

Even though Jim had not seen the monster brown, he really seemed to believe my excited—though crestfallen—account of my encounter. He consoled me with the comment that we had most of the day before us.

My partner advised resting the fish and trying for it later with something different—like changing fly pattern and size after raising and missing a trout on a fly. I was in no mood other than to agree with Jim, who soon eased back into the river to return to his casting.

For as long a time as I could



## . . . the Brownie

keep at it—about ten minutes—I dallied at fishing in a nice looking pool. Then I scurried back to the run where the big fellow had struck. I fished like a demon with just about all the kinds of lures and bait I had for the rest of the morning without a sign of the great one.

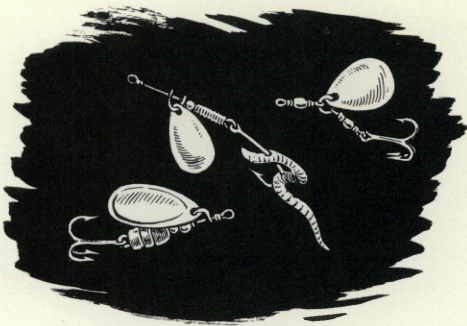
With the high sun and clear water I could see all through the run where the brown had been. But, there was nary a fish in sight. The huge brownie had vacated his feeding waters. But, to where had he vanished?

### **In the Roots**

Then I noticed something that had previously escaped my attention. About 30 yards below where the big brown had been lying when he hit, a patch of dark, obviously deep, water surged against a tangle of tree roots. Was this the lunker's lair to which he had retreated?



With great care I got into casting position and flipped a spinner



*I fished with just about all the kinds of lures and bait I had*

a couple of feet upstream from the beckoning pocket of deep water. I let the lure swing down and under the edge of the mass of heavy roots.

### **The Strike**

The spinner flickered several times and then disappeared. Simultaneously, a broad flash of gold gleamed in the depths and a vicious tug telegraphed up my line.

*The spinner flickered several times and then disappeared. A broad flash of gold gleamed*





*By and by the big brown trout wallowed on the surface*

There was little need to set the hook. The big brown had hooked himself.

For the first few minutes my finny opponent did pretty much as he pleased. He put up a dogged fight in the pocket near the roots but, miraculously, didn't snag the line. He raced up the run through the boulders. He returned to the deep water, thrashed, sulked, and thrashed again.

But, he was well hooked and the fine line held. By and by he wal-

lowed on the surface and could do little more to keep me from leading him over the lip of my landing net.

**A Real Prize**

By this time, I finally sensed, Jim was at my side, grinning happily. He produced a ruler which showed that my catch was 23 inches in length.

That big brown was in excellent shape and magnificently colored. He was a real prize for a river trout and the biggest brownie I ever landed in a stream. #







# Trout Stocking

## for 1965

By Robert A. Hayford, *Chief*  
Bureau of Fisheries Management

From the standpoint of hatchery production and the trout stocking policy, New Jersey trout fisherman can look forward to a good season. The size and number of trout should be about the same as last year. Superintendent Bob Williams and his hatchery crew are to be congratulated in doing such a fine job under record drought conditions. The low water flows last summer caused higher water temperatures and lower dissolved oxygen content of the water than normal.

In addition to the more than usual aeration of the water with centrifugal pumps, it was necessary to reduce the amount of food that is fed to the trout. As cooler weather arrived, food consumption was increased above normal right on through the winter. This has resulted in producing trout of about the same size as last year.

### Number of Trout

The number of trout stocked between March 15, the start of pre-season stocking, and the opening day of trout season, April 10, will be about 220,000. This is a slight increase over last year.

The small and medium sized

streams will be stocked first. This is to allow the trout time to spread out, up and down the stream from the stocking point, and provide fishing in as much of the area as possible. Although most major streams have roads that either run alongside the stream or are close by, a great many of the small and medium streams flow through areas that are quite a distance from a road. Many times, although the stream may be several miles long, it can only be stocked in a few places. This situation, although difficult for the stocking crew, provides fishing in isolated areas that many trout fisherman prefer to the heavily fished major streams and lakes.

The stocking list in this issue of *New Jersey Outdoors* has the small, medium, and large waters designated. A small stream is stocked with 7-to 9-inch trout, medium 7-to 11-inches, and large from 8-to 18-inches.

### Trout Movements

Most of the large streams are stocked as close to opening day as possible. Our biologists from the Lebanon Laboratory have checked into this pretty thoroughly and

← *Stocking was started in the middle of March*



## . . . Trout Stocking

have found that in some areas the trout will move from the area they were stocked in, for a considerable

reasons. Water quality, temperatures, flows, and feeding conditions undoubtedly help them make up their mind on whether to stay put or look for greener pastures. May-



*Trout are stocked from the distribution truck by the net, pail, or float method*

distance either upstream or down. This is not too serious except where they move into a private area or the Delaware River. A few of our tagged trout were caught in a couple of streams in Pennsylvania. With all due respect to our good friends across the river, we prefer that you catch the trout in New Jersey.

Stocking as close to opening day as possible reduces the time the fish have to roam and makes for much better fishing on that day. As to why the trout move so far, there are probably a number of

be they are looking for the hatcheryman who has been feeding them for a couple of years. However I suspect they forget all about him after a few feeds of nymphs or small fish.

### **Stocking Methods**

Trout are stocked from the distribution trucks into the stream or lake by one of three methods. They are stocked by net, pail, or float. If the truck is right alongside the area to be stocked, it is done by dip net. If the distance is too great to carry them by net, they are placed in a large pail containing



water and carried to the stocking point. If the area is too far from the truck to be stocked by one of the first two methods, providing the stream conditions permit and the area is long enough to justify it, they are placed in a float that is attached to a boat.

Two men are required for float stocking. One handles the boat, which can be dangerous and difficult in high and fast water flows while the other dips the fish from the float and places them in the river as the float goes downstream. Many fisherman fish the areas that are easy to get to, not realizing that areas that are far from the road may have been well stocked.

A good idea for a fisherman, who wants to know just where trout were float stocked, is to call the Conservation Officer in the county in which the stream is located. The officer's address and phone number is listed in the fishing compendium that should have been given to the fisherman where he purchased his fishing license.

By the way, all trout distribution is done in cooperation with the conservation officers in each county. As he knows better than anyone else where the fishing pressure is and what are the results of stocking, he is consulted on trout allotments to the areas in his coun-

*Float stocking scatters the fish over many miles of water*





## **. . . Trout Stocking**

ty. When stocking takes place he assists in the actual distribution. He knows what areas are open and which ones are the most popular. He is a great guy to know and can really tell you where to go fishing.

### **In-season Stocking**

As far as in-season stocking is concerned, the trout fisherman should look in the March issue of *New Jersey Outdoors* and his fishing Compendium. He will not only find out what the rules are, but he will also find a long list of streams and lakes that are closed to fishing on certain days for restocking. At 5:00 a.m. when the area reopens the following day, he can start on an equal footing with other anglers.

### **Total Number**

Between our own hatchery production, which should be around 500,000 trout averaging between 9½ and 10 inches, and the U.S. Fish and Wildlife Service allotments, we should stock close to 570,000 trout. In other words, in addition to the 220,000 stocked for April 10, we should have about 350,000 more for stocking up until May 30.

### **New Places**

In conclusion, I suggest you take a good look at that stocking list in this issue. There may be new areas that have been added that you have not heard about before. This year Clark's Pond and Mary Elmer Lake in Cumberland County will be stocked with trout.

Harrisonville Lake in Gloucester County was added last year, as was the Delaware and Raritan Feeder Canal from Raven Rock in Hunterdon County to Yardley Bridge in Mercer County. Barbour's Pond in West Paterson and Sheppard Lake, Ringwood Borough, Passaic County, and Lake Musconetcong and Budd Lake in Morris County were on the list. Wawayanda Lake in Sussex County was stocked for the first time last year and was very popular.

### **No-Kill Waters**

An additional no-kill area on the Musconetcong River fly stretch at Hackettstown was added after being requested by a number of fishermen. This was started on the Paulinskill last year. It was not too popular, but this may have been due to the fact that it was new and not too many fishermen knew about it.

We are going to stock additional fish in the areas this year and this should make the chances of catching a fish much better. As the fish caught cannot be kept, there should always be fish in the area. It seems to me that the no-kill areas would be a good place for young and old alike to go and learn how to catch fish.

### **Good Luck**

Well that's about the story. The trout will be in the streams and lakes. We will see to that. We cannot guarantee that you will catch one. But, we certainly hope that if you don't you will have a lot of fun trying. Good luck. #



# *This Is As It Was*

## **Opening Day**

### **1964**

*By Edgerton Grant*

**T**he number of cars on the road at 6:00 a.m. could mean only one thing—Opening Day. Many cars were already parked near bridges and access points. As I passed Peapack Brook, I saw anglers already clad in their waders with an hour and a half still to go. Later reports from Conservation Officers indicated that all but a few fishermen throughout the state played fair with their fellow anglers and waited until the magic hour of 8.

The Black River was surprisingly uncrowded at the Route 24 bridge. That it might not remain so was evident as I approached Long Valley. Youngsters on foot and bicycle dotted the road, and many were bypassing already crowded spots on the South Branch and heading toward the Black River. The most venturesome would doubtless try the stretches in Hacklebarney State Park where the hatchery distribution crew had used the four-wheeled-drive jeep to reach the stream.

#### **Breakfast**

On the other side of Schooley's Mountain, the ever-popular Musconetcong River had its usual quota of clock-watching fishermen. Soon

I was at the Clarendon Hotel in Hackettstown, enjoying a hearty breakfast. Press and dignitaries had been invited in order to help them gain a fuller understanding of the importance of trout fishing to thousands of New Jersey citizens. Jules W. Marron Sr. saw to it that each person ate his fill and introduced himself; somehow Jules managed to get a bite himself before breaking up the meal so that we would be at Saxton Falls by 8:00.

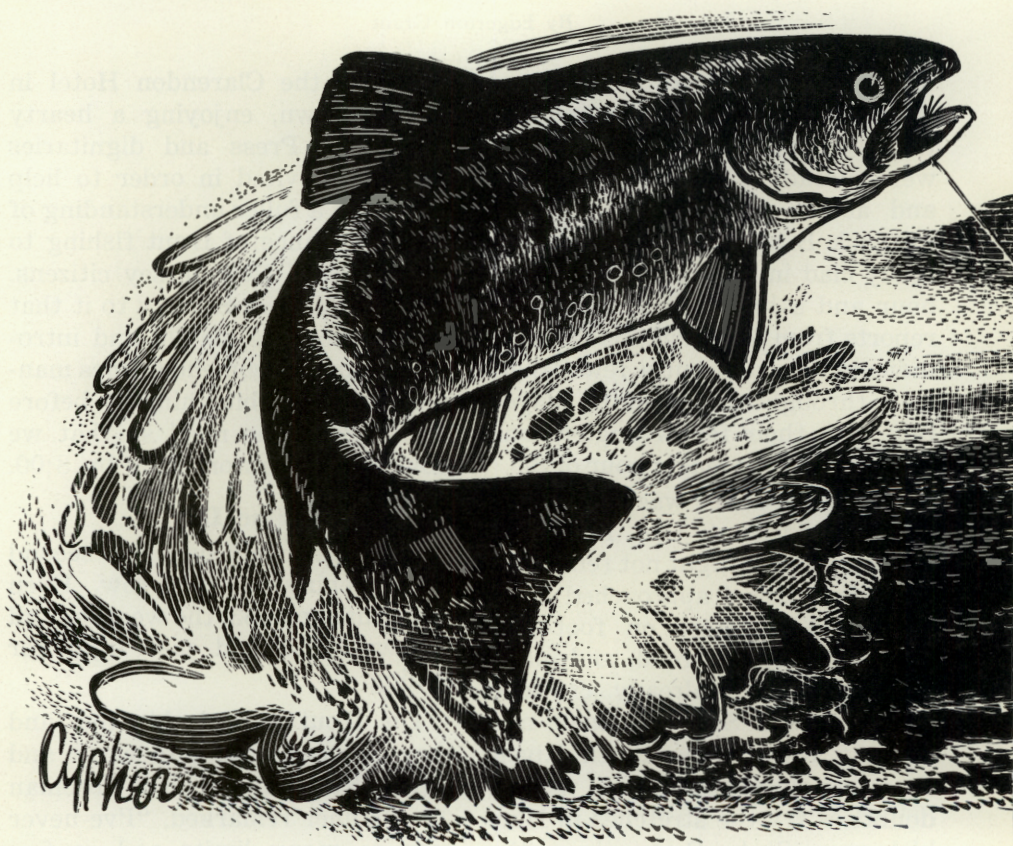
#### **Fine Day**

It was a lovely day, the second clear opening day in a row. Even more than in 1963, the weather and the water seemed just right for fishing.

The trout sensed this too, and they proceeded to bite early and often. Retired Hatchery Foreman Art Skinner remarked, "I've never seen so many limits and so few tangled lines."

A cheerful, freckled youngster who caught one of the first limits could hardly restrain his cockiness as he posed with Assistant Conservation Commissioner Bob Jablonski and State Senator Wayne Dumont for one of the more official





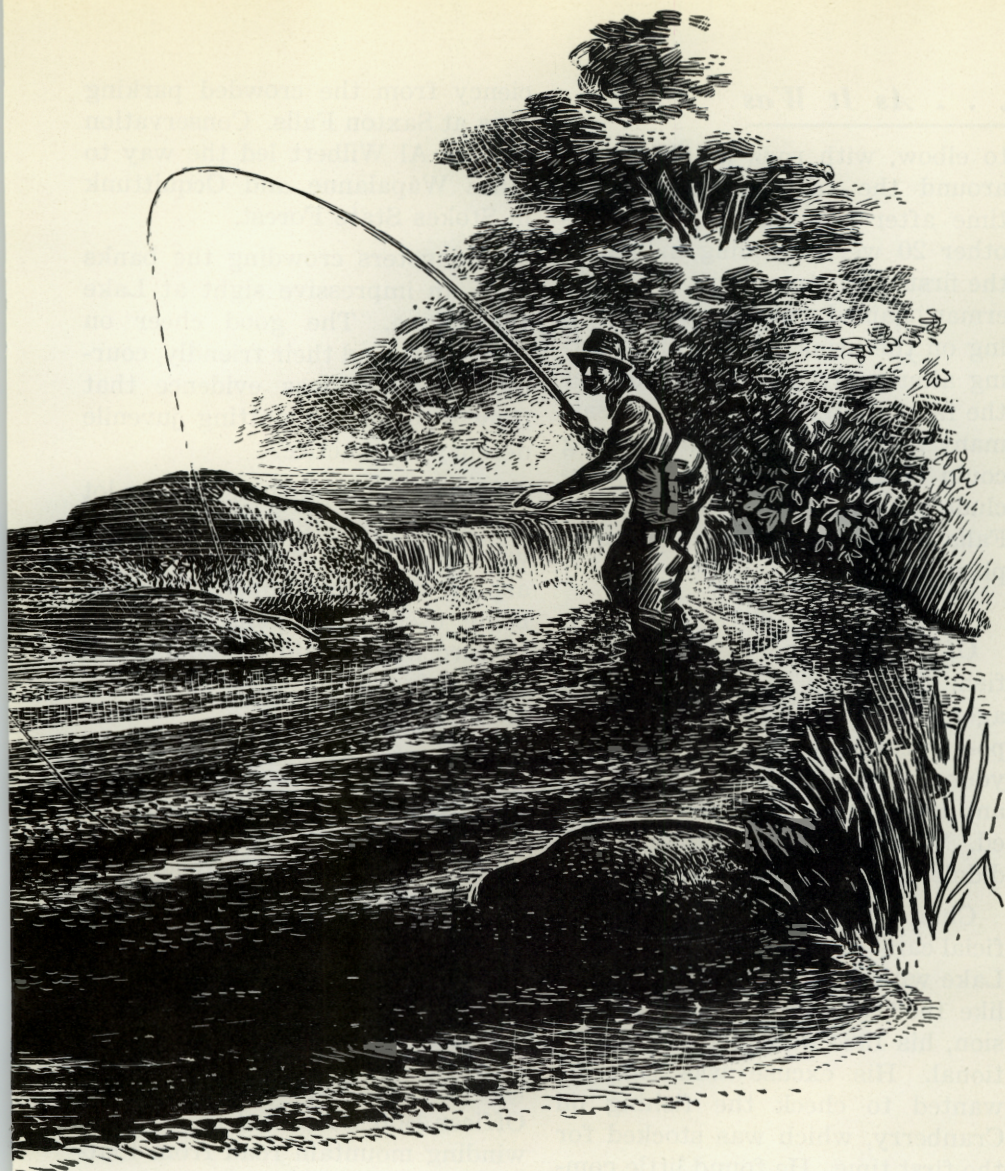
### . . . As It Was

pictures. Photographers had to shoo away admirers to get a picture of a father and three boys who each got an early limit.

Fish and Game Councilman Lillian B. Godown singled out a little

girl who was one of the youngest successful anglers. "It takes a woman," she said. Indeed, a look around proved that age and sex made little difference in the enjoyment of recreational fishing, for as a sage has put it, "all men are equal before fish."





Perhaps this sage was Shakespeare, for I saw a Shakespeare book lying prominently on the back shelf of a parked car. The book was "Secrets of Successful Fishing" by Henry Shakespeare. Or perhaps it was the patron sage of angling, Izaak Walton, whose

namesake Grant Walton represented the State Department of Agriculture in the official party. As yet, your reporter does not know the author.

Enjoyment was the keynote at Saxton Falls, despite the crowd. I counted 30 anglers fishing elbow



## . . . As It Was

to elbow, with rods at all angles, around the famous circle, some time after the peak period. Another 20 were standing in line at the first downstream riff. One fisherman gained solitude by standing on the brink of the falls, casting alternately upstream and over the falls. Later in the day we saw many spots where solitary fishing could be found, so one must conclude that those who chose Saxton Falls wanted the convivial atmosphere.

### **The Chief**

Of course, not everyone caught fish. The Chief of Fisheries Management, Bob Hayford, tried the pool near the falls where the younger set were taking trout right and left. After 15 minutes he called, "Where's Bob Williams? He didn't put any fish in here!"

Chief Hayford later left the official caravan and fished Cranberry Lake with 11-year old Bobby. Unlike 1963, when he lost the procession, his 1964 desertion was intentional. His excuse was that he wanted to check the fishing on Cranberry, which was stocked for the first time. He found little competition but still caught no fish.

The tale of a third occasion when Bob's line hit the water without success, while Bobby got a bite, will wait until the end of the story.

### **Stokes Forest**

While Chief Hayford was sneaking off, the rest of the procession extricated itself with amazing effi-

ciency from the crowded parking area at Saxton Falls. Conservation Officer Al Wilbert led the way to lakes Wapalanne and Ocquittunk in Stokes State Forest.

Youngsters crowding the banks were an impressive sight at Lake Wapalanne. The good cheer on their faces and their friendly, courteous manner was evidence that they were indeed putting juvenile decency in practice.

The Lake Ocquittunk parking lot was filled with cars, and the lake was filled with boats. A unique aspect was the number of canoes being used for fishing. Here the byword was certainly "family fishing for fun."

### **The Delaware**

As usual, the official party was caught by the spirit of enjoyment at the early stops and dropped behind schedule. As a result, we caught only fleeting glimpses, obscured by dust, of heavy fishing activity on the Flat Brook. Along the Delaware River the view of the proposed Tocks Island Reservoir site was even more fleeting, though less dusty. When Conservation Officer Bob Burns led us over the winding mountain road from Flatbrookville to Millbrook, I readily understood why C.O.'s cars rarely retain a polished appearance or sound springs. On this ride we passed VanCampen's Brook, a stream where uncrowded fishing was possible.

We travelled up Route 94, as rapidly as Officer Burns allowed, to the lower no-kill stretch on the



Paulinskill. Again our glimpse was fleeting, but there appeared to be plenty of room for fly fishermen to practice their cherished art. This impression was confirmed when we arrived at nearby Sunset Villa for lunch. Several of the party had slipped off to fish the no-kill stretches and were most enthusiastic. All fly fishing and no-kill stretches, including those set aside in May, total but ten miles out of nearly 800 miles stocked.

C. O.'s Bill Coffin and John O'Dowd had heard radio reports on other newly-stocked areas. Pressure was heavy on the Delaware-Raritan Canal, but it was only in the beautiful, float-stocked stretch just below Raven Rock that fish were biting. Subsequent reports came in that within a week skilled anglers were taking trout throughout the 18-mile stretch down to Yardley Bridge. Lake Wawayanda, Pompton Lake, and Harrisonville Lake were all good, but the 500 fish in Budd Lake were proving evasive.

#### Remarks at Lunch

After our lunch, former Council Vice-Chairman Ralph McNeel invited brief remarks from those present. Assistant Commissioner Jablonski said that, although he had seen pictures of past opening days, he had never realized the magnitude of the occasion. Chief Hayford noted that Wildlife Management Chief George Alpaugh and Coastal Patrol Chief Newman Mathis were present in addition to the Conservation Officers and Public Relations personnel, making

complete representation from all units of the Division. Representatives of the State Department of Agriculture and the Bureau of Geology were also introduced.

After lunch we attended the dedication of the Pequest Trout Rearing Station to which Commissioner Roe had come by helicopter.

#### Some Fishing

As soon as the helicopter took off with the Commissioner, ending the day's official activities, I rushed to join the Hayfords in taking advantage of that fishing access. I had bought a brand new reel for the occasion, and I hastily unpacked it only to discover that I had forgotten to bring line. Bob offered to help me out, and I gratefully accepted before I realized that he was lending me his only line. Bob's generous loan to a novice fishermen accounted for the third fishless wetting of the Hayford line.

I had one good fight when I hooked a branch, and I lost several of Bob's salmon eggs. Young Bobby hooked a trout which broke away and lost several more salmon eggs during our brief sojourn on the clear, rippling stream. There were a few other anglers nearby, but there was plenty of room for all. Shortly before sundown we were ready to quit, after a long day. The morning crowds at Saxton Falls and elsewhere had been the most impressive sight, and the Pequest dedication the most important event, but the aftermath of fishing with friends on a quiet stream was the best part of Opening Day. #



# Trout Regulations for 1965

By William P. Coffin,  
Chief Conservation Officer

**Trout regulations** for 1965 are changed but little from previous years. The important changes are two. Actually, one change is no more than an enlargement of the existing program of closing trout streams periodically to permit restocking. The second change is the establishment of one more no-kill fly fishing stretch.

## Closures

In past years the major trout streams of the state and a few lakes and ponds have been closed for 24 - hour periods to facilitate restocking. This program has been accepted by the fishing public with enthusiasm. There were 33 bodies

of water involved in 13 counties, 2 of which were south of Trenton in Monmouth and Ocean Counties.

During the past summer the Bureau of Fisheries Management surveyed all the trout waters stocked in New Jersey. They were aided by Conservation Officers of each county, whose on-the-scene knowledge of each stream, pond or lake was invaluable. From this evaluation came a listing of 129 major and medium size streams to be closed on specific dates during April and May. These waters are located in all 21 counties of the state. Many small brooks will also be stocked but will not be closed and may be fished immediately after stocking.

*More waters will be closed  
for restocking*

## Restocking

The number of times each stream, lake or pond will be restocked varies from six on the major waters to two, three or four times on those streams classified as medium. Fishing pressure, average stream flow, temperature, and vegetation growth governed the thinking on this phase of the program.

Restocking of trout waters will start Monday, April 19, and continue through May 28. Conservation Officers will post signs on all closed waters advertising the dates on which a particular water will be

New Jersey Outdoors





closed. The stocking schedule is printed in the 1965 Compendium of New Jersey Fish Laws and the March 1965 issue of *New Jersey Outdoors*.

### **Hours**

The signs also clarify a question respecting time that has puzzled many fishermen. (The time is applied to closing hours and, also, to legal fishing hours on fly fishing waters.) The hours listed in the Compendium, as well as on posters along water courses, means Eastern Standard Time (EST) or Eastern Daylight Time (EDT) depending on which is the official time in New Jersey on the given date.

### **Pre-Season**

Fishing for all species ceased midnight March 14, 1965, in most waters stocked with trout during 1964. The reason for this is, of course, to give the trout distribution crews time to stock all trout waters prior to the reopening date of 8:00 a.m. EST, Saturday, April 10, 1965. Conservation Officers and their Deputies not only assist distribution crews with the stocking chore, they also maintain enforcement patrols on freshly stocked waters. Numerous arrests are made each year of impatient fishermen who "jump the gun" during this time of stocking.

### **Other Fish**

There are fishermen who have little interest in trout but enjoy fishing for suckers and perch during March. To accommodate these people the following lakes, Hopatcong, Big Swartswood, Farrington, Wawayanda, Cranberry, Harrison-

ville, Musconetcong, Pompton, and Budd, as well as the Delaware and Raritan Canal Feeder in Hunterdon and Mercer Counties, will be open to fishing. However, no trout may be taken from these lakes or the canal after March 14 until trout fishing starts April 10, 1965.

Fishing is also permitted in portions of the South Branch of the Raritan River, the North Branch of the Raritan River, and the Ramapo River through April 4 but no trout may be taken between midnight March 14 and the start of trout fishing on April 10, 1965. These were areas of those rivers to be posted with appropriate signs well in advance of March 14.

### **Fly Fishing**

Beginning May 3, 1965, the fly fishing stretches will be in operation on the Big Flat Brook in Sussex County, the South Branch of the Raritan River through the Ken Lockwood Gorge, and the Musconetcong River near Hackettstown. Prior to May 3 and after November 30 these areas may be fished with bait.

Fishermen are reminded that part of the Big Flat Brook, known as the Blewett Tract, is restricted to fly fishing at all times fishing is permitted. This tract is clearly defined with posters.

### **No-Kill Waters**

The Musconetcong stretch beginning at the bridge on the Schooley's Mountain road has been designated as a no-kill stretch. No trout caught after May 3, 1965, may be retained. Other species of fish caught in no-



## **. . . Trout Regulations**

kill trout stretches may be possessed. After November 30, 1965, this stretch is no longer a no-kill area.

The fly fishing stretches on the Paulinskill River in Sussex County located below the dam at Paulinskill Lake are no-kill areas. All trout caught must be returned to the water. Other fish species caught in these no-kill portions of this river may be possessed. There are two of these areas on this river, clearly defined by posters and marker signs. One covers about a mile; the other extends nearly one and  $\frac{1}{4}$  mile.

Fly fishing stretches are areas of water in which no natural bait, live or preserved, may be used or had in possession by any person angling in such designated waters. Only artificial flies (wet or dry), streamers, bucktails, and nymphs may be used. Lures made of wood, metal, or plastic are prohibited. Also, spinning reels and spinning hardware are not permitted.

### **Barbless Hooks**

In the Paulinskill and Musconetcong no-kill areas only barbless hooks may be used. Many fishermen ask the question "must they purchase new flies tied on barbless hooks or can they use what were originally barbed hooks from which the barb has been removed." A hook altered by completely deleting the barb would be permissible. A

hook with a barb partially removed, but still capable of holding a fish, would not be a legal hook. The user could be subject to court action.

### **Spruce Run**

Spruce Run Reservoir at Clinton will open to trout fishing at 8:00 a.m. EST, Saturday, April 10, 1965. Fishing will be permitted from shore.

### **Limits**

The daily limit of trout on all waters, except the no-kill areas, is 6. There is no size limit. Possession limit is one day's catch. On the fly stretches trout in excess of 6 may be caught providing they are returned to the water immediately.

### **Baitfish**

Baitfish may not be taken from trout stocked streams between March 14 and June 12. The Division may issue, at its discretion, special permits to take alewives from trout stocked waters.

From and after June 12 baitfish may be taken but not more than 35 per day per person. A minnow seine may not exceed 10 feet in length or 4 feet in depth. Minnow traps may not be over 24 inches long or have a funnel mouth larger than 2 inches in diameter.

A person fishing for trout must have a proper trout stamp affixed to his fishing license. The stamp must have the name of the purchaser written across its face in ink. #

This discussion of the 1965 Trout Regulations is presented primarily to clarify the regulations and remind you of certain features. Consult Compendium and Fish Laws for details and laws in full.



# *Dedication of the* **Pequest Trout Rearing Station**

April 11, 1964 marked not only the opening of a new trout season, but also the formal beginning of a new era in Garden State trout production. Dedication of the Pequest Trout Rearing Station climaxed the day's activities for the Fish and Game Council, Division staff, press, and interested public. Commissioner Robert A. Roe of the Department of Conservation and Economic Development arrived by helicopter at three in the afternoon to conduct the ceremony.

Actually, New Jersey anglers were already deriving benefits from the new installation. The first six pools were put in operation in November, 1963. Some 54,000 brook trout were put in the pools and 25,000 rainbows in a large reservoir pond. Under the supervision of Hatchery Superintendent Robert Williams and the daily care of Foreman Roland "Snap" Hartman, the brook trout grew at a rate of better than an inch a month over the winter.

Superintendent Williams and Foreman Hartman were among those introduced by former Council Vice-chairman Ralph T. McNeel, who acted as master of ceremonies. Also taking bows were Civil Engineer Charles Boesch and Con-

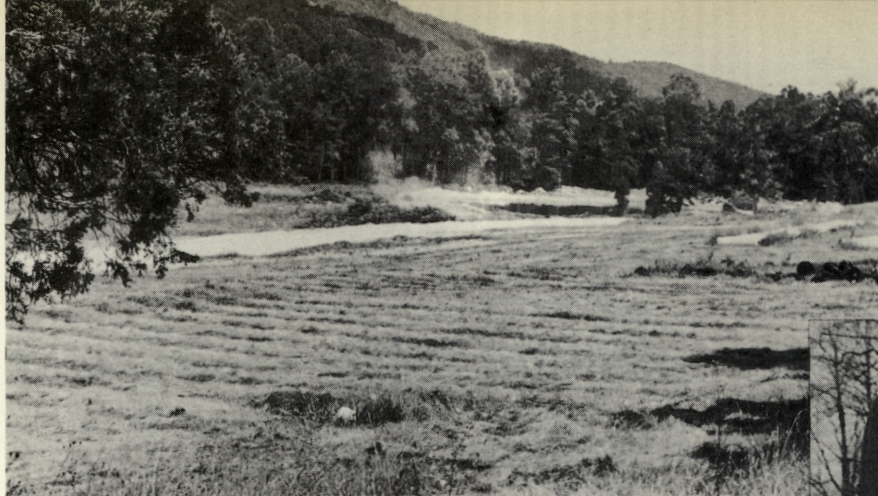
struction Supervisor J. Alfred "Ocky" Horner.

Assistant Commissioner Robert Jablonski and Robert Hayford, Chief of Fisheries Management, spoke briefly. Director Lester G. MacNamara introduced Mr. McNeel. Jules W. Marron Sr., former Supervisor of Public Relations, worked on program arrangements. Councilmen present included Lillian B. Godown, George H. McCloskey, and Joseph L. Alampi. Chiefs George N. Alpaugh of Wildlife Management, William P. Coffin of Law Enforcement, and Newman Mathis of the Coastal Patrol, represented other units of the Division.

About the only person missing was Charles O. Hayford who was at home slightly ill. He was not forgotten, as Mr. McNeel and Robert Hayford described how the new rearing station fulfilled a dream that Charlie Hayford had cherished for over 50 years.

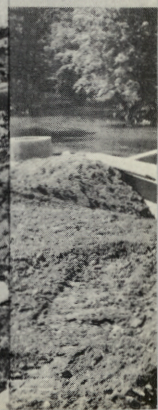
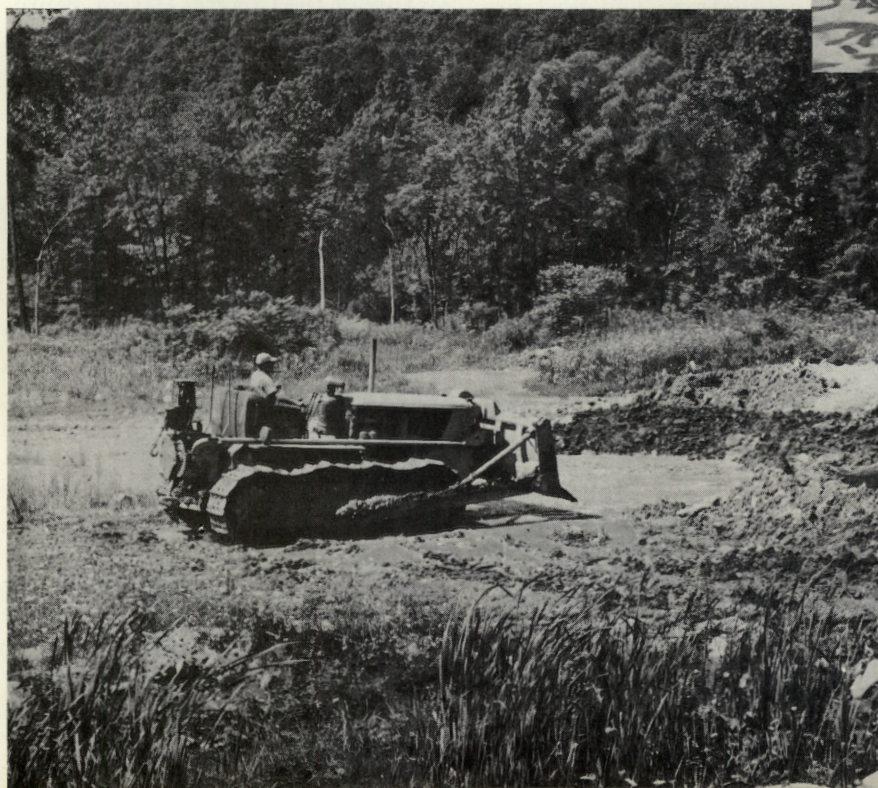
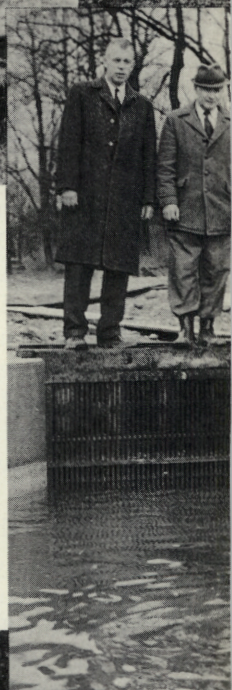
When he came to New Jersey in 1911, he recommended three sites as suitable for a hatchery. The first was immediately acquired by the Board of Fish and Game Commissioners and developed under Charles Hayford's direction, into the world famous site that now bears his name. The second, in the



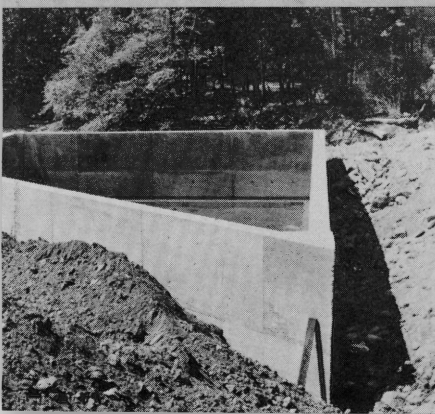
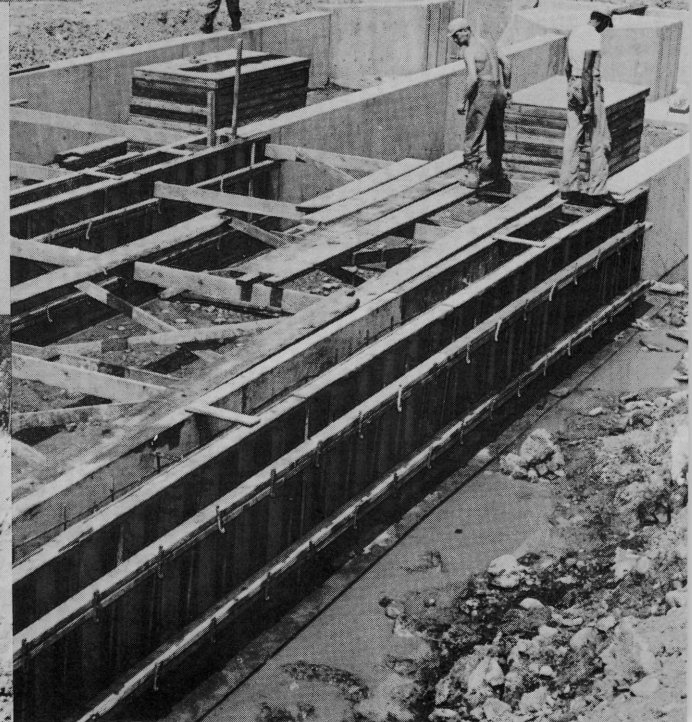
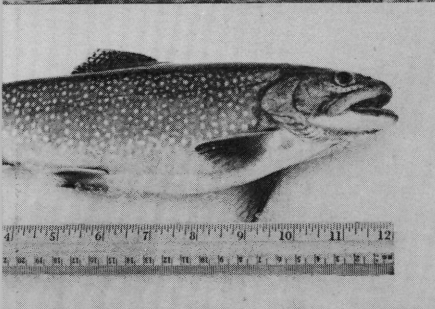
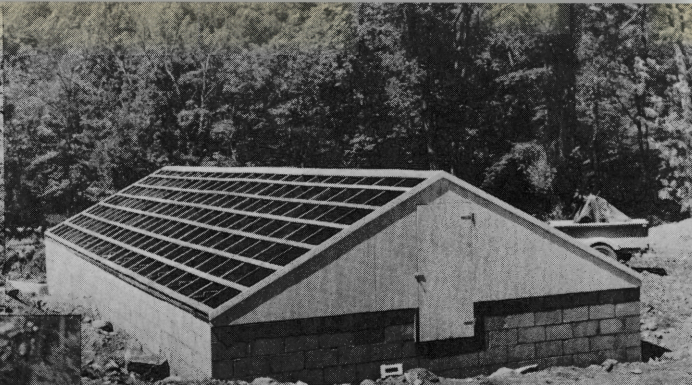
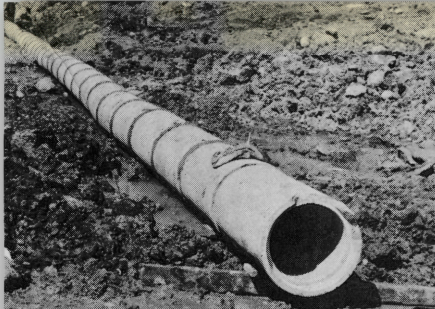


### . . . Pequest Rearing Station

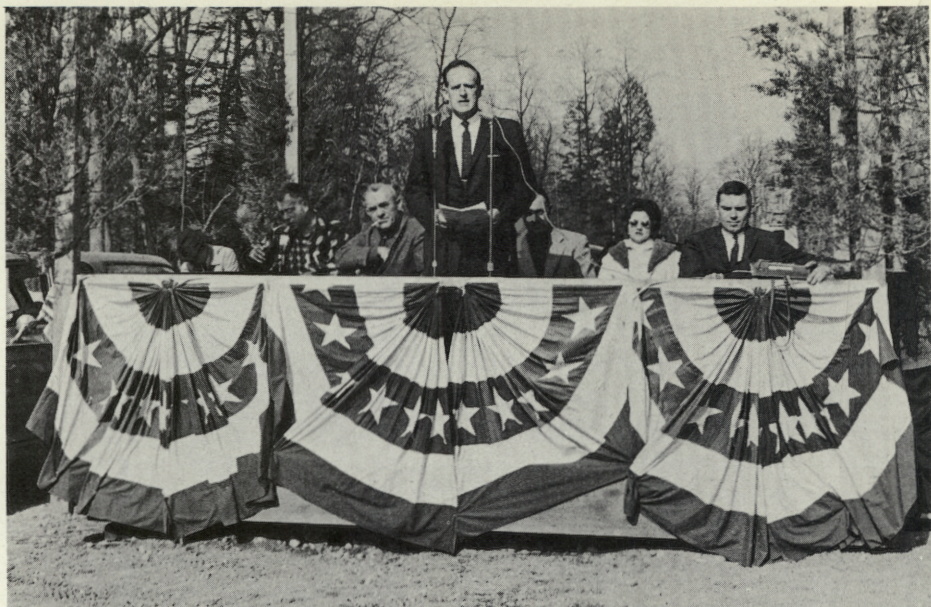
Some of the highlights in the development of the Pequest Trout Rearing Station are shown in the photographs on these two pages. At the upper left is the unimproved site and at the lower left is the start of excavating operations. Upper center, the pipe line from the springs; lower center, a spring box. At the upper right is a spring house. Middle right, pipe line construction; lower right, form work for the ponds. At the center is a group of Council, Federation, and Division officials on an inspection tour. The trout typifies the results.



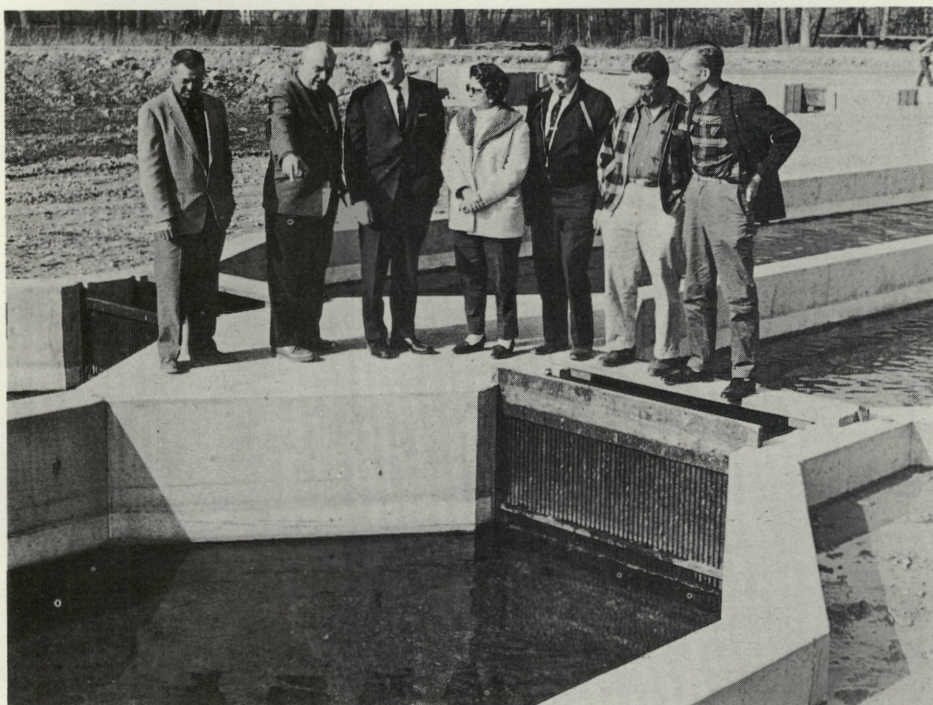








At the dedication of the Pequest Trout Rearing Station on the opening day of trout season last spring, Commissioner Robert A. Roe, above addressing the participants. Below, the Commissioner and Council and Federation officials are briefed by Director MacNamara following the dedication.





### . . . Pequest Station

east end of Hackettstown, was bought in 1926 and serves as a rearing station; the third was the Pequest site.

The Pequest River, adjacent to the site, was a favorite fishing spot for Charlie Hayford, as it was for one of America's most famous anglers, former President Herbert Hoover. Often as he fished there, Mr. Hayford envisioned a hatchery.

The U.S. Fish and Wildlife Service had the same idea and acquired 42 acres along the Pequest as a hatchery site prior to World War II. The war interfered, and the tract was deeded to New Jersey in 1955, a year before Charlie Hayford retired. Because of it, he did not really retire, but continued to serve as a consultant in developing the new rearing station.

The first step was acquisition of additional land with the help of Dingell-Johnson Federal Aid to fisheries funds. The main development is on the original 42 acres, but the adjacent land has some excellent springs and provides public fishing access to the Pequest River. By 1960 the tract totalled over 200 acres.

Then came the intricate process of locating all the springs and planning how to lay pipes to utilize their water, which proved to be of a quality comparable to that of Hackettstown. In 1962 the laborious task of clearing and grading the site, enclosing springs, constructing a flume to service the first 28 pools, and the laying of hundreds of feet

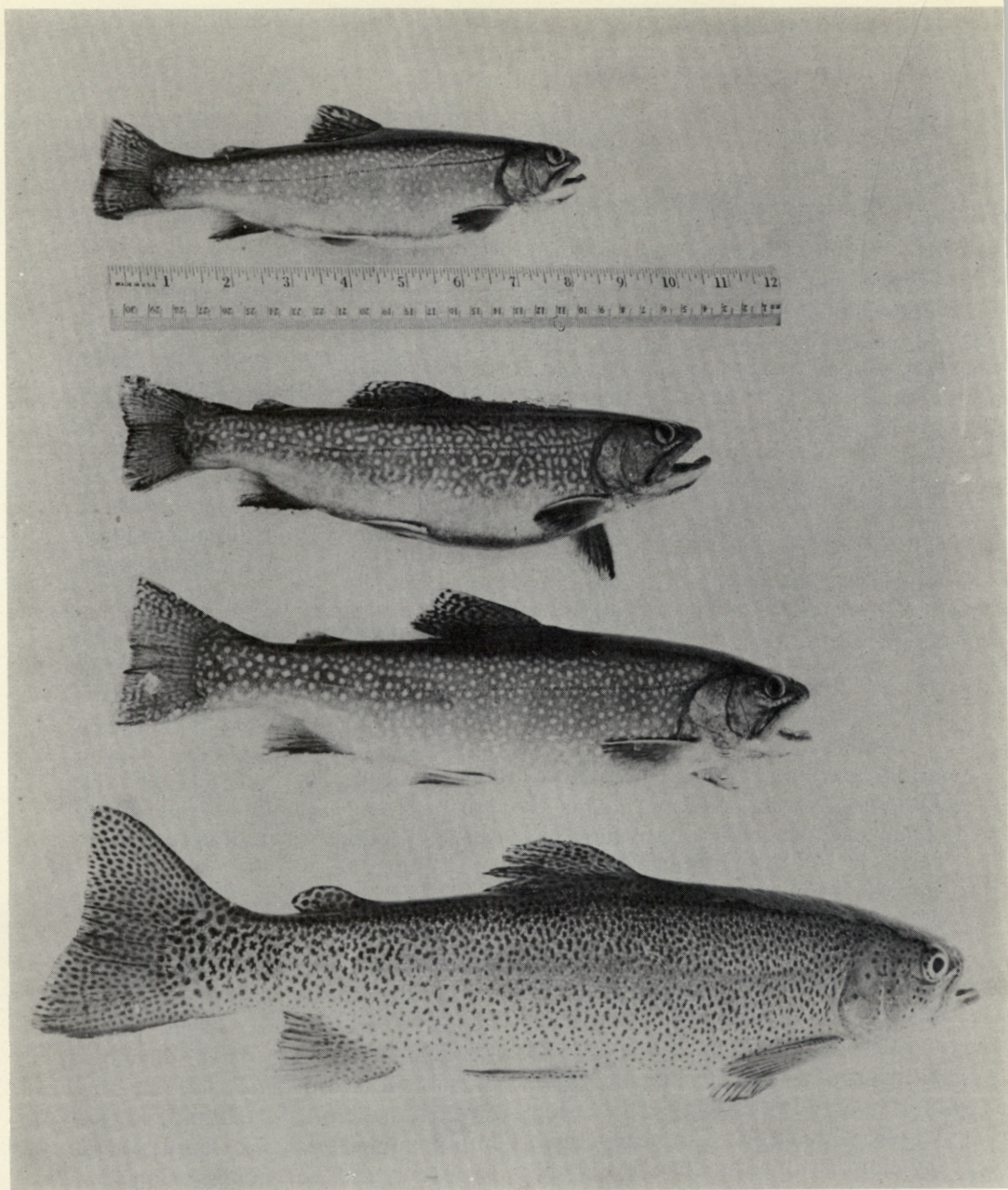
of pipe began. Councilman McNeel recalled making a tour with Charlie Hayford at that stage and thinking it was "nothing but a mudhole."

The installation was designed according to the most modern techniques of hatchery construction, based on over 50 years of experience at Hackettstown and observations of trout rearing facilities in other states. The pools are 120 feet long and 12 feet wide. The walls, built of reinforced concrete, are four feet high and a foot thick. The first six were ready for fish in mid-November, 1963. The growth attained by the trout placed in these pools was such that Superintendent Williams is eager for the day when more pools can be constructed.

Commissioner Roe said that the project was "assured of success" because of the experience and dedication of the men who built it. They had taken time to insure that it was built right. He noted that the springs are capable of furnishing many millions of gallons of high quality water.

A welcome announcement highlighted the Commissioner's speech. Substantial acreage to the south, above the rearing station, is being acquired under the Green Acres Program, insuring that development will never encroach on the site. He concluded, "Thanks to the public support of the Green Acres Program and the cooperation between Green Acres and the Division of Fish and Game, the springs on this site will be protected, and this facility will be insured a continuous supply of clean water. #





**The size of the trout stocked** — The trout in the above photograph, from top to bottom, are typical of the fish in the small, medium, and large classes. The large trout at the bottom is representative of the "sugar" trout. The three top fish are brook trout; the bottom fish is a rainbow trout.



## For Places to Fish

# Waters Stocked With Trout

### Pre-season Stocking — 1965

Trout fishermen may easily find a place to fish on opening day of the trout season, April 10, by referring to this list of waters stocked with trout by the Division of Fish and Game. This list shows the number of catchable-size trout, a total of 219,115 fish, already stocked or to be stocked by the opening day of this season.

#### ATLANTIC COUNTY

Birch Park Pond—Northfield .....	L	1,050	
Hammonton Lake—Hammonton .....	L	1,050	
			2,100

#### BERGEN COUNTY

Bear Swamp Brook—Mahwah .....	S	1,000	
Hackensack River—Old Tappan to Harrington Park .....	L	1,500	
Hohokus Brook—Allendale to Ridgewood .....	S	525	
Indian Lake—Little Ferry .....	L	700	
Musquapsink Creek—Washington Township .....	S	60	
Pascack Creek—Montvale to Westwood .....	L&M	600	
Pond Brook—Oakland .....	S	50	
Ramapo River—Mahwah to Oakland .....	L	5,300	
Saddle River—Saddle River to Ridgewood .....	L	3,200	
Tenekill Creek—Closter .....	S	300	
Whites Pond—Waldwick .....	L	500	
Wild Duck Pond—Ridgewood .....	L	300	
			14,035

#### BURLINGTON COUNTY

Strawbridge Lake—Moorestown .....	L	800	
Sylvan Lakes—Burlington .....	L	1,100	
Woolman's Lake—Mount Holly .....	L	800	
			2,700

#### CAMDEN COUNTY

Back Run—Berlin .....	M	50	
Big Lebanon Run—Turnersville .....	L	1,000	
Columbia Lake—Maple Shade .....	L	300	
Ellisburg Creek—Ellisburg .....	M	300	
Grenloch Lake—Turnersville .....	L	500	
Munn's Lake—Haddonfield .....	L	750	
Rowands Pond—Clementon .....	L	1,100	
Square Circle Lake—Gibbstown .....	L	500	
Woodcrest Creek—Woodcrest .....	M	150	
			4,650

#### CAPE MAY COUNTY

Dennisville Lake—Dennisville .....	L	500	500
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April, 1965

25



## **. . . Waters Stocked**

### **CUMBERLAND COUNTY**

Clarks Pond—Bridgeton .....	L	400	
Mary Elmer Lake—Bridgeton .....	L	400	
Shaw's Mill Pond—Newport .....	L	650	
			1,450

### **ESSEX COUNTY**

Branch Brook Park Lake—Newark .....	L	800	
Diamond Mill Pond—Millburn .....	L	800	
Verona Park Lake—Verona .....	L	800	
			2,400

### **GLOUCESTER COUNTY**

Almonesson Lake—Almonesson .....	L	1,200	
Harrisonville Lake—Harrisonville .....	L	500	
Iona Lake—Iona .....	L	1,000	
Logan Pond—Repaupa .....	L	750	
Mullica Hill Lake—Mullica Hill .....	L	500	
Racoon Creek—Ewan to Swedesboro .....	M	200	
Swedesboro Lake—Swedesboro .....	L	500	
			4,650

### **HUDSON COUNTY**

Hudson County Park Lake—North Bergen .....	L	800	800
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### **HUNTERDON COUNTY**

Alexandria Brook—Milford .....	S	275	
Alexauken Creek—Mount Airy .....	M	500	
Amwell Lake—Linvale .....	L	300	
Back Brook—Ringoos .....	S	400	
Beatty's Brook—Penwell .....	S	175	
Capoolong Creek—Pittstown .....	M	1,300	
Delaware-Raritan Canal—Raven Rock to County Line .....	L	1,000	
Everittstown Brook—Everittstown .....	S	250	
Frenchtown Brook—Frenchtown .....	S	350	
Guinea Hollow Brook—Mountainville .....	S	275	
Hakihokake Creek—Milford .....	S	175	
Little York Brook—Little York .....	S	300	
Lockatong Creek—Milltown .....	M	975	
Milford Brook—Milford .....	S	175	
Mt. Pleasant Brook—Mt. Pleasant .....	S	100	
Musconetcong River—Route 69 to Bloomsbury .....	L	6,750	
Neshanic Brook—Reaville .....	S	100	
Prescott Brook—Round Valley .....	S	450	
Raritan River, S. Br.—County Line to Three Bridges .....	L	9,200	
Rockaway Creek, No. Br.—Mountainville to Whitehouse .....	L&M	825	
Rockaway Creek, So. Br.—Lebanon to Whitehouse .....	S	875	
Saw Mill Brook—Mountainville .....	S	300	
Spring Mills Brook—Milford .....	S	100	
Sidney Brook—Sidney .....	S	150	
Tetertown Brook—Tetertown .....	S	680	
West Portal Brook—West Portal .....	S	225	
Wichecheoke Creek—Prallsville .....	S	300	
			26,505



## MERCER COUNTY

Assunpink Creek—Windsor to Lawrence Station .....	L	3,800
Delaware-Raritan Canal—County Line to Yardley Bridge .....	L	800
Doctor's Creek—Allentown to N. J. Turnpike .....	M	500
Stony Brook—Woodsville to Port Mercer .....	L	3,400

8,500

## MIDDLESEX COUNTY

Farrington Lake—New Brunswick .....	L	1,250
Hooks Creek Pond—Cheesapeake State Park .....	L	400
Ireland Brook—Fresh Ponds .....	S	200
Lawrence Brook—Milltown .....	L	1,600
Matchponix Brook—Mount Mills to Spotswood .....	M	750
Roosevelt Park Lake—Metuchen .....	L	400
Sucker Brook—Iselin .....	S	500
Wigwam Pond—Jamesburg .....	L	400

5,500

## MONMOUTH COUNTY

Big Brook—Marlboro .....	M	60
Englishtown Mill Pond—Englishtown .....	L	200
Garvey's Pond—Navesink .....	L	400
Hockhocks Brook—Tinton Falls .....	M	350
Hop Brook—Holmdel .....	L	800
Manalapan River—Milhurst .....	S	90
Manasquan River—Rt. 23 to Allendale .....	L	5,800
McGillaird's Brook—Englishtown .....	S	60
Mingamahone Brook—Farmingdale .....	S	60
Mohawk Pond—Red Bank .....	L	350
Old Mill Pond—Villa Park .....	L	250
Pine Brook—Tinton Falls .....	S	75
Ramanesson Brook—Holmdel .....	S	250
Shadow Lake—Red Bank .....	L	800
Shark River Park Pond—Hamilton .....	L	100
Shark River—Hamilton .....	M	250
Spring Lake—Belmar .....	L	800
Takanassee Lake—Long Branch .....	L	400
Topenemus Lake—Freehold .....	L	500
Willow Brook—Holmdel .....	M	150
Yellow Brook—Colts Neck .....	M	500

12,245

## MORRIS COUNTY

Beaver Brook—Lincoln Park .....	M	250
Beaver Brook—Rockaway .....	M	575
Black River—Milltown to Hacklebarney State Park .....	L	1,750
Budd Lake—Budd Lake .....	L	500
Burnett Brook—Ralston .....	S	100
Burnham Park Lake—Morristown .....	L	400
Den Brook—Union Hill .....	S	100
Drakes Brook—Flanders .....	S	475
Electric Brook—Schooleys Mtn. ....	S	175
Flanders Brook—Flanders .....	S	225
Gruendykes Mill Pond—Hackettstown .....	L	200
Guard Lock—Saxton Falls .....	L	600



## **. . . Waters Stocked**

Hibernia Brook—Hibernia .....	S	300
Indian Brook—Mendham .....	S	800
Jockey Hollow Brook—Jockey Hollow .....	S	250
Kakeout Brook—Butler .....	M	875
Lake Hopatcong—Lake Hopatcong .....	L	4,275
Lake Musconetcong—Netcong .....	L	500
Ledgewood Brook—Ledgewood .....	S	550
Malapardis Brook—Malapardis .....	S	150
Meriden Brook—Rockaway .....	M	300
Mill Brook—Center Grove .....	S	700
Mt. Hope Pond—Mt. Hope .....	L	750
Musconetcong River—Sussex County Line to Hackettstown .....	L	6,000
Peapack Brook—near Gladstone .....	S	100
Pompton River—Rt. 23 to D.L. and W.R.R. Bridge, Lincoln Park .....	L	600
Primrose Brook—Rt. 202 to Logansville .....	S	300
Raritan River, So. Br.—Rt. 46 to Budd Lake to County Line .....	L	2,700
Reservoir Brook—Brookside .....	S	100
Rinehart's Brook—Hacklebarney State Park .....	S	300
Rockaway River—Milton to Boonton .....	L	11,600
Saw Mill Brook—Pompton Plains .....	S	200
Speedwell Lake—Morristown .....	L	800
Stickles Brook—Boonton Township .....	S	175
Towaco Brook—Towaco .....	S	100
Trout Brook—Hacklebarney State Park .....	S	100
Washington Valley Brook—Morristown .....	S	300

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38,175

### **OCEAN COUNTY**

Metedeconk River, No. Br.—Georgia to Greenville .....	L	1,200
Metedeconk River, So. Br.—Bennett Mills to Lakewood .....	L	840
Toms River, No. Br.—Holmansville .....	L	465

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2,505

### **PASSAIC COUNTY**

Barbour's Pond—West Paterson .....	L	500
Belchers Creek—West Milford .....	S	300
Cooleys Brook—Browns .....	S	100
Goffle Brook—Hawthorne .....	M	300
Oldham Pond—North Haledon .....	L	500
Pequannock River—Macopin Intake to Bloomingdale .....	L	1,500
Pompton Lakes—Pompton Lakes .....	L	500
Pompton River—Pompton Lakes to Rt. 23 .....	L	3,300
Post Brook—Bloomingdale .....	S	175
Ringwood Brook—Ringwood .....	M	150
Sheppard's Lake—Thunder Mtn. .....	L	500
Singac Brook—Singac .....	S	200
Wanaque River—Pompton Lakes-Midvale-Hewitt .....	L	2,400

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10,425

### **SALEM COUNTY**

Hancock's Sand Wash Pond—Salem .....	L	350
Schadler's Sand Wash Pond—Penns Grove .....	L	550

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900



## SOMERSET COUNTY

Harrison Brook—Liberty Corners .....	S	350
Lamington River—Burnt Mills .....	L	400
Passaic River—Basking Ridge to Dead River .....	L	2,300
Peapack Brook—Gladstone .....	M	500
Raritan River, No. Br.—Far Hills Jct. to So. Br. Raritan River .....	L	3,000
Raritan River, So. Br.—Neshanic Station to Dalrymple Bridge .....	L	1,200
Rock Brook—Zion .....	S	400
Toms Brook—Martinsville .....	S	300

8,450

## SUSSEX COUNTY

Alms House Brook—Myrtle Grove .....	S	125
Andover Jct. Brook—Andover Jct. ....	M	250
Beaver Run Brook—Beaver Run .....	S	250
Biers Kill—Shay Town .....	S	75
Big Flat Brook, upper—Saw Mill Lake to Rt. 206 .....	L&S	1,000
Big Flat Brook, lower—Rt. 206 to Delaware River .....	L	10,000
Black Brook—Beaver Lake Mt. ....	S	150
Black Brook—McAfee .....	S	150
Clove River—Colesville to Sussex .....	M	525
Cranberry Lake—Cranberry Lake .....	L	500
Culvers Lake Brook—Branchville .....	S	125
Dragon Brook—Cranberry Lake .....	S	75
Dry Brook—Branchville .....	S	75
Glenwood Brook—Glenwood .....	S	75
Hunts Lake Brook—Yellow Frame .....	S	100
Kymers Brook—Andover .....	S	75
Little Flat Brook—Hainesville to Bevans .....	M	1,450
Lubbers Run—Lake Lackawanna .....	M&S	300
Lake Ocquittunk—Stokes State Forest .....	L	800
Lake Wapalanne—Stokes State Forest .....	L	800
Mill Brook—Montague Township .....	S	225
Musconetcong River—Lake Hopatcong to Sussex County Line .....	L	875
Neldon Brook—Swartswood .....	S	75
Papakating Creek—Pelletown to Sussex .....	M	575
Papakating Creek, W. Br.—McCoys Corner .....	M	200
Parker Brook—Stokes State Forest .....	S	175
Paulinskill River—Lafayette to Stillwater .....	L	2,900
Pequest River—Springdale Rt. 206 to Warren County Line .....	L	300
Fond Brook—Middleville .....	S	100
Quarry Brook—Sussex .....	S	100
Roy Spring Brook—Stillwater .....	S	100
Saw Mill Lake—High Point Park .....	L	800
Seneca Lake—Sparta Township .....	L	200
Shimers Brook—Montague Township .....	S	175
Sparta Glen Brook—Sparta Glen .....	M	150
Sparta Jct. Brook—Sparta Jct. ....	S	100
Stony Brook—Stokes State Forest .....	S	100
Stony Lake—Stokes State Forest .....	L	300
Swartswood Lake—Swartswood .....	L	750
Tar Hill Brook—Lake Lenape .....	S	75
Trout Brook—Middleville .....	S	100



## **. . . Waters Stocked**

Tuttles Corner Brook—Tuttles Corner .....	S	100	
Wallkill River—Sparta to Hamburg .....	L&S	1,800	
Wawayanda Lake—Wawayanda Lake .....	L	500	
			<hr/> 27,675

### **UNION COUNTY**

Ash Brook—Clark Township .....	S	250	
Green Brook—Scotch Plains .....	S	250	
Rahway River—Springfield to Rahway .....	L	7,700	
			<hr/> 8,200

### **WARREN COUNTY**

Allen's Saw Mill Brook—Delaware .....	S	100	
Barker's Mill Brook—Vienna .....	S	100	
Bear Creek—Southtown .....	S	100	
Beaver Brook—Hope to Pequest River .....	L&M	1,200	
Blair Creek—Blairstown .....	M	575	
Blair Lake—Blairstown .....	L	200	
Buckhorn Creek—Roxburg .....	S	300	
Dark Moon Brook—Johnsonburg .....	S	100	
Delawanna Brook—Delaware .....	S	250	
Dunnfield Creek—Dunnfield .....	M	875	
Furnace Brook—Oxford .....	S	350	
Honey Run—Hope Township .....	S	75	
Jacksonburg Brook—Jacksonburg .....	M	400	
Johnsonburg Brook—Johnsonburg .....	S	75	
Lomisons Glen Brook—Lomisons Glen .....	S	100	
Lopatcong Creek—Harmony to Phillipsburg .....	S	1,100	
Lows Hollow Brook—Broadway .....	S	200	
Mill Brook—Broadway .....	S	100	
Mt. Lake—Buttville .....	L	800	
Muddy Run—Hope .....	S	100	
Musconetcong River—Hackettstown to Rt. 69 Hampton .....	L	8,700	
Paulinskill River—Stillwater to Hainsburg .....	L	6,500	
Pequest River—Long Bridge to Belvidere .....	L	5,000	
Pohatcong Creek—Mt. Bethel to Carpentersville .....	L&S	7,050	
Pophandusing Creek—Hazen to Belvidere .....	S	575	
Roaring Rock Brook—Brass Castle .....	S	350	
Silver Lake—Hope .....	L	400	
Spring Brook—Washington Township .....	S	150	
Trout Brook—Hope .....	S	75	
Trout Brook—Hackettstown .....	S	350	
Van Campens Brook—Millbrook .....	M	450	
Yards Creek—Hainesburg .....	M	50	
			<hr/> 36,750
			<hr/> 219,115

### **SYMBOLS**

S — designates trout 7-9 inches .....	24,950
M — designates trout 7-10 inches .....	15,985
L — designates trout 8-18 inches .....	178,180

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219,115



# Council Highlights

## January Meeting

The executive session of the regular monthly meeting of the Fish and Game Council was held in Trenton on January 12. The Council members present were the following: Chairman Hart, Councilmen McCloskey, Totten, Alampi, Lunsford, and Space.

Following the executive session the open session of the meeting was conducted. In addition to members of the Council and staff, the following persons were present: John Russack, Roy Williams, Edmund Schuler, and Robert Vreeland. Chairman Hart and Councilman Lunsford were not in attendance at the open session and Councilman McCloskey conducted the meeting.

### Executive Session Report

For the benefit of the public present, Councilman McCloskey advised that the Council had taken the following action at their executive session:

#### *Menhaden fishing:*

Being cognizant of the severe criticism directed towards some of the members of the Council concerning menhaden, the Council approved a motion of Councilman McCloskey to send pages 5 to 13 of the Minutes of the Executive Session of the December 15, 1964, meeting of the Council to the president, recording secretary, and chairman of the Board of Directors of the State Federation of Sportsmen's Clubs.

#### *Striped bass:*

In further regard to salt water fishing, striped bass have moved off Island Beach and it has been reported that some illegal fishing is taking place. One of our boats is tied up with motor trouble, further reducing our Coastal Patrol force. A meeting was to be held in Trenton on January 19 to be attended by some of the complaining boat captains.

#### *Sportsmen's dinner:*

A sportsmen's dinner was to be held on Tuesday evening, January 26, in conjunction with the Farm Outdoor Show. The Federation and other sportsmen's groups were to have exhibits. All sportsmen were invited to attend the dinner on January 26 at 6:00 p.m.

#### *Fisheries Committee:*

The Fisheries Committee of the Council was to meet on



## **. . . Council Highlights**

January 20 to discuss the spring stocking program. This is a yearly procedure.

### *Game Committee:*

The Game Committee of the Council met and discussed the rabbit population which seems to decline in late summer and early fall, as well as the need for some type of research project to determine the cause of this decline.

The Game Committee also proposed disposing of surplus hen birds used for laying at the game farms by putting them out on bid for sale to restaurants. The birds will be sold alive for food purposes instead of liberating them. It was felt their rate of survival in the wild is poor.

Members of the Game Committee also met with 4-H Agents and discussed the pheasant and quail chick program for 1965 which will be same as last year's program.

The 4-H Agents will also be sent plans for the construction of rabbit box traps and the details of the rabbit trapping program whereby 4-H cooperators will be paid one dollar for rabbits trapped in closed areas and reliberated on open lands of the state. The Game Management Bureau does not have sufficient personnel to handle this detail and it will be up to the sportsmen's clubs to cooperate in this program if they think it worthwhile.

### *A hearing:*

There was to be a hearing on January 20 in Port Norris on fishing vessel *Moriches*.

### *Tentative seasons:*

The Council set the tentative opening dates for the 1965 hunting seasons as follows: Bow and arrow deer, October 9; small game, November 13; firearm deer, December 6; and, the small game season will probably reopen December 13.

### *Ice fishing:*

The Council took action to extend the ice fishing season to the end of February since the first two weeks of the season were lost to the fishermen because of insufficient ice. A public hearing on this proposal was to be held at 2:00 p.m. on February 9 at the office of the Division in Trenton.

## **Fisheries Management**

Robert Hayford, Chief of the Bureau of Fisheries, reported that despite unfavorable and difficult conditions due to the drought, a re-



markable job was done at the State Fish Hatchery. Indications are that sizes and numbers of fish will compare favorably with last year's

### Wildlife Management

George Alpaugh, Chief of the Bureau of Wildlife Management, reported that most personnel were on vacation from Christmas to New Year's.

All 4-H pheasants released in 1964 were banded and some of the information is being compiled. As of January 11, 1965, of 7,050 pheasants that were banded, 246 bands have been returned. This is an incomplete report and it is expected that more returns will be received. This represents a 3.5 percent return. It is about what we expected, and it corresponds with banding work of other states. As a matter of interest, one bird was reported killed in Bangor, Penna., which is about ten miles across the Delaware River.

Quail were being held at the farm for in-season stocking on the public hunting and fishing grounds. These were to be held until current weather conditions improved.

Copies of the Bureau's report on the deer season have been sent to the Council and since this will require considerable time to consider and discuss, Mr. Alpaugh suggested this be done some evening.

As an extra-curricular activity, the Bureau of Wildlife Management has been assigned the task of caring for a dozen peacocks over the winter. These birds were imported from Spain and will be released at New Jersey's exhibit at the World's Fair when it reopens in the spring. #

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# The Fox

## Species:

The red fox.

*Vulpes fulva.*

The grey fox.

*Urocyon cinereoargenteus.*

## General Characteristics:

*Red fox*—Pupil of eye linear; color reddish, tip of tail white; total length about 41 inches; tail about 16 inches; hind foot about 6½ inches.

*Grey fox*—Pupil of eye elliptical; color grizzled grey and black; tip of tail blackish; total length about 40 inches; tail about 12 inches; hind foot about 5 inches.

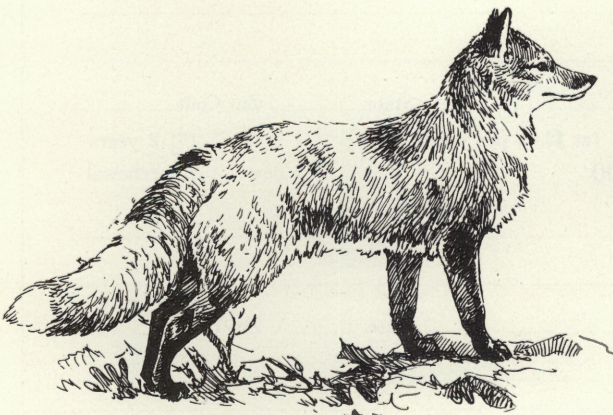
Dentition:  $\frac{3-1-4-2}{3-1-4-3} = 42$

## Range:

Both foxes are found throughout the state. The grey is more often encountered in the woods, while the red prefers more open country.

## Life History:

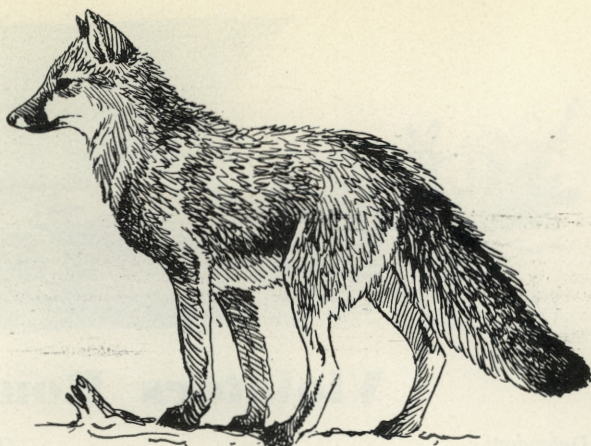
The breeding season occurs during January and February, with the young born in March and April. The red fox has between 4 and 9 young, while the grey has between 3 and 5. Both male and female probably feed the young, which stay in or around



*The red fox usually has a white tip on its tail and black feet*



*The grey fox has a  
black stripe down the  
top of its tail and  
rusty feet*



the home den until fall when they are on their own. The home range of a fox may be several square miles. Foxes are more active at night but may be observed at any time.

#### **Environmental Resistance:**

*Weather*—Neither fox is severely bothered by cold weather in New Jersey. Excessive rainfall may drown some litters.

*Predators*—None on adults; horned owls may take some young.

*Parasites*—Fleas, ticks, several species of internal parasites.

*Diseases*—Susceptible to rabies, although none has been found recently in New Jersey. Fox encephalitis, which looks like rabies, kills many foxes each year.

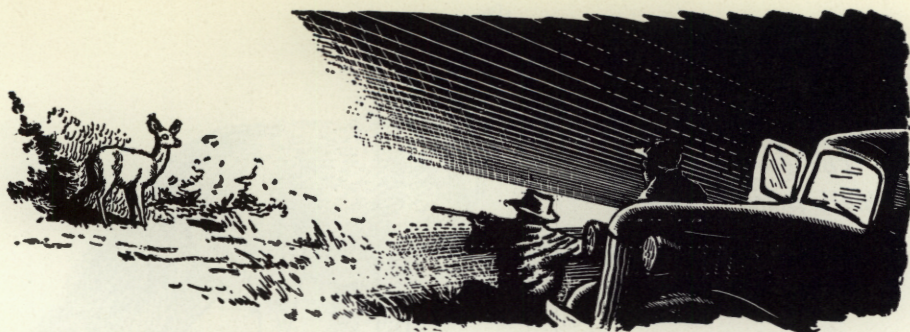
*Trapping*—Not too difficult to trap—legal only when destroying property. No market for hides in recent years.

*Hunting*—Red fox provides good sport when run with hounds. Grey fox “holes up” too quickly to provide as much sport as red. Regular open season on foxes from early November to the end of April. (Refer to Compendium and Game Laws for details.)

#### **Management:**

Fox populations are not too high in New Jersey and therefore little control of general numbers is necessary. Hunting helps control populations somewhat. Individual foxes are sometimes troublesome to poultry raisers when flocks are on open range. Food of foxes varies depending on environment. During summer and early fall, fruits and insects make up a large part of the diet. The late fall, winter, and spring diet includes more mice, rabbits, and birds. The fox is also a scavenger, eating dead animals, such as deer, skunk, opossum, and others the year around. #





## Violators Roundup

<i>Defendant</i>	<i>Offense</i>	<i>Penalty</i>
Mike Carr, 339 Dark Ave., Old Bridge	Hunt migratory waterfowl wrong hours	20
William R. Everett, Thomas Ave., P. O. Box 152, Egg Harbory City	Hunt no license (bow)	20
John A. Belmonte, Jr., 106 Maple Ave., Staten Island, N. Y.	Shot at one wild goose-closed season	20
John A. Belmonte, Jr., 106 Maple Ave., Staten Island, N. Y.	Hunt no license	20
Donald Nissen, Bunker Hill Rd., Trenton	Kill English Pheasant closed season	20
Ralph A. Offredo, 966 S. Olden Ave., Trenton	Rifle in woods & fields w/o permit	20
Kenneth B. Starzinski, Weston Rd. R.D. 1, Somerville	Hunt on license	20
Kenneth B. Starzinski, Weston Rd. R.D. 1, Somerville	Poss. of illegal missile	100
Thomas Kartner, 907 Hoff Ave., Manville	Hunt no license	20
Thomas Kartner, 907 Hoff Ave., Manville	Poss. of illegal missile	100
Norris H. Frost, 202 Sprucewood Dr., Bricktown	Hunt no license	20
David Sheppard, Battle Lane, Laurel Lakes	Hunt migratory waterfowl wrong hrs.	20
Dennis Halasz, 7 Highland St., So. Amboy	Hunt no license	20
Dennis Halasz, 7 Highland St., So. Amboy	Hunt on Sunday	20
Laurance Conover, R.D. #2 Texas Rd., Jamesburg	Hunt no license	20
Laurance Conover, R.D. #2 Texas Rd., Jamesburg	Hunt on Sunday	20
William C. Huber, 617 Watson Ave., Woodbridge	Hunt no license	20
William C. Huber, 617 Watson Ave., Woodbridge	Hunt on Sunday	20
Rocco DeSimone, 406 Larchmont Dr., Pleasantville	Hunt migratory waterfowl wrong hours	20
Rocco DeSimone, 406 Larchmont Dr., Pleasantville	Use firearms with more than 3 shells	20
John J. Zupha, 200 English Rd., Old Bridge	Hunt after hours	20
Rocco Mileto, 535 Sherwood Dr., New Market	Hunt after hours	20
William Martin, 327 Shore Rd., Somers Point	Hunt migratory waterfowl wrong hours	20
Edwin Dill, 157 John St., So. Amboy	Shoot at ducks from power boat	20
Edwin Dill, 157 John St., So. Amboy	Hunt ducks closed season	20
Gordon Carney, 146 So. Broadway, S. Amboy	Kill 1 duck closed season	20



<i>Defendant</i>	<i>Offense</i>	<i>Penalty</i>
Thomas Gilbert, 116 Middlesex Rd., Matawan	Shoot at ducks from power boat	20
Gordon Carney, 146 So. Broadway, So. Amboy	Kill protected bird	20
Angelo A. D'Alessio, 65 Klinger Rd., E. Hanover	Hunt migratory waterfowl wrong hours	20
Angelo A. D'Alessio, 65 Klinger Rd., E. Hanover	Hunt no license	20
Vladimer Gawron, 10 Norwood Rd., E. Hanover Twp.	Hunt migratory waterfowl wrong hours	20
Charles F. Lentoski, Jr., 128 A. Main St., Keansburg	Illegal missile	100
Charles E. Geisendorfer, 103 So. 36th St., Camden	Hunt on Sunday	20
Charles E. Geisendorfer, 103 So. 36th St., Camden	Fail to exhibit license	20
John Mascio, Jr., 229 Messina Ave., Hammonton	Hunt on Sunday	20
Carrie Sue Merritt, 46 Magnolia St., Newark	Fish no license	20
Barry L. Ruban, 100 N. 23rd St., Camden	Illegal firearm	20
Raymond W. Skokowski, 549 Grant St., Camden	Fail to display tag	5
Huntley C. Dennis, 6943 Sch. Sq., Goodfellow AFB, Texas	Hunt mig. waterfowl wrong hrs	20
Richard Dunk, 35 Mechanic St., Bridgeport	Hunt mig. waterfowl wrong hrs	20
Zen Mikulski, 101 N. Bellmawr Ave., Bellmawr	Hunt mig. waterfowl wrong hrs.	20
Norman Sheldon, 9 Woodlot Rd., Wayne	Firearm on Sunday	20
Barry J. Block, 55 Weinmans Blvd., Wayne	Firearm on Sunday	20
Arthur J. Lozier, Rt. 23, Hamburg	Poss. firearm other than open hunting season	20
Joseph A. Lordi, R.D. 1 Buddtown Rd., Pemberton	Tag not displayed	5
Adam J. Merger, Rt. 130, Maple Apts., Burlington	Hunt woodchuck closed season	20
Adam J. Merger, Rt. 130, Maple Apts., Burlington	Tag not displayed	5
Robert St. Onge, 1613 O.M.S., Box 1277, Trenton	Kill pheasant closed season	20
Robert St. Onge, 1613 O.M.S., Box 1277, Trenton	Discharge firearm on roadway	20
Matthew E. Baylan, 1613 O.M.S. Box 34, Trenton	Hunt pheasant closed season	20
Edward Sheppard, R.D. #2 Bridgeton	Kill pheasant closed season	20
Elias Herbert, 823½ N. 4th St., Millville	Hunt mig. waterfowl wrong hours	20
Giovanni S. Forte, 58 North St., Madison	Didn't tag deer before transporting	100
William C. Berkery, 1301 Eighth St., North Bergen	Firearm on Sunday	20
Robert Steller, 5916 Meadowview Ave., No. Bergen	Firearm on Sunday	20
Frederico Crispino, 2156 E. 2nd St., Brooklyn, N. Y.	Illegal firearm	20
Donald Todd, Sr., Zeller Rd., Schooley Mt.	Fail to exhibit license upon request	20
Clayton E. Carlson, 22 Churchtown Rd., Pennsville	Poss. uncased weapon capable of killing deer	100
George Miles, Jr., 39 E. Walnut St., Metuchen	Hunt after hours	20
George Buleca, 625 Paufic Ave., Perth Amboy	Hunt without woodcock license	20
Robert D. Bankos, River Rd., Montville	Poss. uncased weapon capable of killing deer	100
Robert D. Bankos, River Rd., Montville	Hunt deer closed season	100
Daniel G. Gregory, Highland Ave., Montville	Poss. uncased weapon capable of killing deer	100
Daniel G. Gregory, Highland Ave., Montville	Hunt deer closed season	100
John M. Shekon, Jr., Main Rd., Montville	Hunt deer closed season	100



## **. . . Violators Roundup**

### **Defendant**

John M. Shekon, Jr., Main Rd., Montville

Robert J. Dinco, C. G. Cutter-Half Moon,  
Staten Island, N. Y.

Robert A. Boff, C. G. Cutter-Half Moon,  
Staten Island, N. Y.

Thomas A. Schultz, 115 Sherman Ave., Bayville

Horney H. Ross, 356 Washington St., Rahway

Santiago Muriel, Delsea Drive, Glassboro

Robert H. Holdsworth, 302 Harvard Ave.,  
Broomwall, Pa.

John E. Kantz, 401 Green Ave., Williamstown

John E. Kantz, 401 Green Ave., Williamstown

Paul Hahr, 19 Gerard Ave., No. Plainfield

Anthony P. Diodato, 50-41 Newton Rd., Woodside

Anthony P. Diodato, 50-41 Newton Rd., Woodside

James Olsen, 22 Morris St., Edison Twp.

Karl Rolfe, Vineyard Rd., Box 88C, Edison Twp.

Tim Varga, 58 Schoolhouse Lane, E. Brunswick

Charles B. Layton, 90 Lannin Ave., Pennsgrove

Albert B. English, Jr., 412 Jackson Ave., Northfield

Duke McFadden, 6th & Summit Aves., Westville Grove

Luis M. Robles, 732 Broadway, West Cape May

William Tozour, 251-19th St., Avalon

Norman Tozour, Woodbury Rd., Sewell

Charles Richardson, 150-19th St., Avalon

Arthur Conover, Delsea Drive, Green Creek

Franklin Palmer, 3rd, 284-23rd St., Avalon

Thomas Tozour, Woodbury Rd., Sewell

Robert Conover, Delsea Drive, Green Creek

Carl T. Woehicke, 420 W. Perry St., Cape May

Paul W. Watson, 1222 Tilton Rd., Northfield

Nick Miraglio, 201 Bala Dr., Somers Point

James A. Palmero, 30 N. Village Dr., Somers Point

James S. Wychoff, 51 Wilson Ave., N. Plainfield

Rosario Ciulla, S. Main Rd., Vineland

Roger Brook, 228 N. 3rd, Millville

Greg Carson, 13 E. Drive, Linwood

Greg Carson, 13 E. Drive, Linwood

Thomas Denan, Jr., 163 Bala Dr., Somers Point

William T. Chlosta, 1825 Clematic St., Brown Mills

William B. Parry, 913 Salem Ave., Burlington

Johanna Farms Inc., P.O. Box 272, Flemington

Raymond E. Stiles, Jr., 357 E. Broadway, Salem

Raymond E. Stiles, Sr., 357 E. Broadway, Salem

George T. Bowman, 15 Eaton Rd., Pennsville

Herbert M. Ackley, Woodstown Rd. R.D. #1,  
Woodstown

### **Offense**

### **Penalty**

Poss. uncased weapon  
capable of killing deer 100

Kill two pheasants closed  
season 40

Kill one pheasant closed  
season 20

Kill 1 pheasant closed season 20

Carry loaded firearm in  
vehicle 20

Hunt on Sunday 20

Hunt deer closed season 100

Poss. of .22 cal. rifle loaded  
while hunting deer 100

Poss. illegal missile 100

Hunt after hours 20

Hunt no license 20

Hunt on Sunday 20

Hunt after hours 20

Hunt after hours 20

Hunt after hours 20

Poss. of wild deer 100

Poss. firearm on Sunday 20

Hunt ducks closed season 20

Kill & poss. wild dove 20

Hunt after hours 20

Hunt after hours 20

Hunt after hours 20

Hunt after hours 20

Hunt after hours 20

Hunt after hours 20

Hunt after hours 20

Hunt after hours 20

Firearm on Sunday 20

Hunt after hours 20

Hunt after hours 20

Hunt after hours 20

Hunt after hours 20

Hunt after hours 20

Hunt after hours 20

Hunt game birds from power  
boat 20

Attempt to kill protected bird 20

Illegal firearm 20

Loaded firearm in vehicle 20

Pollution 1000

Shoot waterfowl from power  
boat 20

Shoot waterfowl from power  
boat 20

Shoot waterfowl from power  
boat 20

Shoot waterfowl from power  
boat 20



<i>Defendant</i>	<i>Offense</i>	<i>Penalty</i>
LaVerne Moore, 38 Union St., Salem	Hunt no license	20
Ronald Kraft, R.D. #3, Salem	Illegal firearm	20
Christofer Stark, 354 B. Spruce St., R.D. #3, Jackson	Hunt no license	20
Winnan E. Pusey, 1543 Federal St., Camden	Discharge firearm on country road	20
Athanasios Hatzirallis, 5137 Pulaski Ave., Phila., Pa.	Poss. of morning Dove	20
Athanasios Hatzirallis, 5137 Pulaski Ave., Phila., Pa.	Poss. illegal missiles	100
Michael Hazuda, 153 Howe Ave., Passaic	Hunt no license	20
Clarence H. Cole, Sr., 1626 Kindle Ave., Deptford	Kill squirrel closed season	20
Ronald W. Swan, 14 Adams St., Sayrewood	Hunt on Sunday	20
Albert Henning, 195 Main St., East Orange	Hunt on Sunday	20
Michael Tomko, 95 Wedgewood Ave., Woodbridge	Unplug gun	20
Carl Koncur, 1280 Raritan Ave., Edison	Hunt on Sunday	20
Carl Koncur, 1280 Raritan Ave., Edison	Tag not displayed	5
Joseph Tucker 125 Livingston St., Elizabeth	Hunt before hours	20
Steve Garboling, 15 Sycamore St., Edison	Hunt within 300 ft. of occupied dwelling	20
Peter Clary, 837 Voorhees Ave., Middlesex	Hunt within 300 ft. of occupied dwelling	20
J. W. Ambrose, 1847 Brunella Ave., Dunellen	Hunt no license	20
Joseph Colengelo, 11 Euclid Ave., Summit	Discharge firearm upon munic. road	20
Geary DeVries, 131 N. Washington Ave., Washington	Hunt before hours	20
Robert Wiseburn, 120 Taylor St., Washington	Hunt before hours	20
Thomas Smith, 1103 Walnut Ave., Northfield	Illegal firearm	20
Genaro DeFrenzo, 34 Elm St., Paterson	Hunt before hours	20
Edward Pawlak, 315 Market St., Perth Amboy	Hunt without woodcock license	20
Duncan G. Black, 18 Sunset Dr., Clark	Hunt deer out of season	100
Duncan G. Black, 18 Sunset Dr., Clark	Carry loaded firearm in vehicle	20
Duncan G. Black, 18 Sunset Dr., Clark	Uncased weapon capable of killing deer	100
Kenneth W. Stahnke, 1 Poplar Terr., Clark	Loaded firearm in vehicle	20
Kenneth W. Stahnke, 1 Poplar Terr., Clark	Uncased gun	100
Kenneth W. Stahnke, 1 Poplar Terr., Clark	Hunt deer closed season	100
Robert R. Quigley, 217 N. Laurel St., Bridgeton	Illegal missile	100
Robert R. Quigley, 217 N. Laurel St., Bridgeton	5 days Jail	
Robert R. Quigley, 217 N. Laurel St., Bridgeton	Hunt deer at night	100
Robert R. Quigley, 217 N. Laurel St., Bridgeton	21 days Jail	
Robert R. Quigley, 217 N. Laurel St., Bridgeton	Hunt with aid of portable light	20
Leslie E. Blizzard, Box 44 Elmer St., Fairton	5 days Jail	
Leslie E. Blizzard, Box 44 Elmer St., Fairton	Hunt with aid of portable light	20
Leslie E. Blizzard, Box 44 Elmer St., Fairton	Illegal missile	100
Leslie E. Blizzard, Box 44 Elmer St., Fairton	Prob. \$5 per wk.	
Leslie E. Blizzard, Box 44 Elmer St., Fairton	Loaded firearm in vehicle	20
James Shrader, 46 Liberty Rd., Bridgeton	Hunt rabbits closed season	20
Issiac Sutton, Main St., Shiloh	Hunt wrong hrs.	20
Paul O. Donnelly, 211 River Dr., Lk. Hiawatha	Tag not displayed	5
Dudley L. Owens, 28 Bacon St., Port Norris	Hunt before hours	20
Ralph Taylor, Almond Rd., P. Blvd., Vineland	Poss. cock pheasant out of season	20
Hector M. Alvarez, 517 Grape St., Vineland	Hunt wrong hrs.	20
Joseph Stavola, 190C Chapel Hill Rd., Middletown	Fish no license	20
Pat McConnell 199 Iler Dr., Middletown	Hunt wrong hrs.	20
Raymond Werner, Jr., 75 Fulton St., Keyport	Poss. pheasant closed season	20



## **. . . Violators Roundup**

<i>Defendant</i>	<i>Offense</i>	<i>Penalty</i>
Raymond Werner, Jr., 75 Fulton St., Keyport	Hunt no license	20
Raymond Werner, Jr., 75 Fulton St., Keyport	Carry loaded firearm in vehicle	20
E. Patrick Coe 309-47 th St., Union City	Hunt before hours	20
John McKenna, 27 Hemlock St., Hazlet	Hunt before hours	20
Richard Vetrovec, Commissioners Pike, Alloway	Hunt no license	20
David L. Stodard, 101 W. Delaware Blvd., Villas	Loaded firearm in vehicle	20
Vbaldo Piersimoni, Wisteria Ave., Vineland	Shoot at duck closed season	20
Milton Fisher, 2105 Delsea Dr., Millville	Duck after hours	20
Roland Butcher, Main St. Heislerville	Dis. firearm across road	20
Robert Brunetta, Butler Ave., Vineland	Illegal missile	100
Robert Brunetta, Butler Ave., Vineland	Hunt deer out of season	100
Arthur Christy, 2 Beachway, Sea Bright	Hunt wrong hrs.	20
Thomas Rosenberg, 137 Highland Terr., Highlands	Hunt wrong hrs.	20
Robert Grover, 3 South Beach St., Highlands	Hunt wrong hrs.	20
Donald Monahan, Chestnut St., Highlands	Hunt wrong hrs.	20
John Reese, 10 Norwood Rd., Hanover	Illegal firearm	20
T. D. Kendle, Lees Traylor Park, W. Atlantic City	Hunt before hours	20
John A. Brown, 406 Prospect Ave., Hackensack	Hunt wrong hours	20
Charlie Oatman, 1136 Tilton Rd., Pleasantville	Dis. firearm w/in 300 ft. of dwelling	20
Charles Bohr, 220 Bergen St., Brooklawn	Hunt before hours	20
Walter Fedechko, Box 370, Egg Harbor Rd., Sewell	Hunt before hours	20
Dove Blacklock, Commissioners Pike, Alloway	Hunt no license	20
George Ross, Silver Grove Rd., Stockholm	Uncased weapon capable of killing deer	100
Tibor Baczo, 13 John St., Garfield	Firearm on Sunday	20
Bela Havasseti, 51 Lexington Ave., Passaic	Firearm on Sunday	20
Tom B. G. Crowe, R.D. Juliustown	Illegal firearm	20
Robert G. Donaldson, NARTU - NAS Lakehurst	Hunt after hours	20
Francis Elia, Marshall Hill Rd., W. Milford	Illegal firearm	20
Robert Swiderski, 215 Pulaski Ave., Sayreville	Hunt wrong hrs.	20
Walter Czech, 361 Market St., Perth Amboy	Hunt woodcock no license	20
Raymond Rapp, 40 Roosevelt Blvd., Sayreville	Hunt wrong hrs	20
Vincengo Cannici, 716 N. Elm St., Linden	Hunt before hours	20
Giacinto Cannici, 210 N. Elizabeth Ave., Linden	Hunt before hours	20

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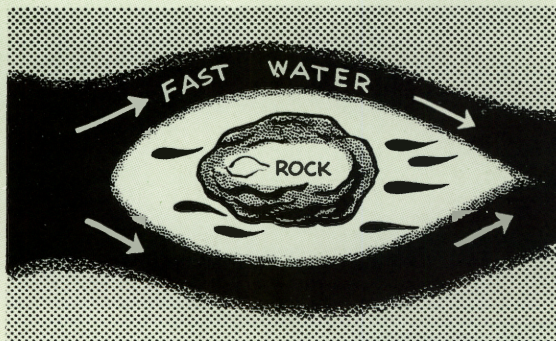
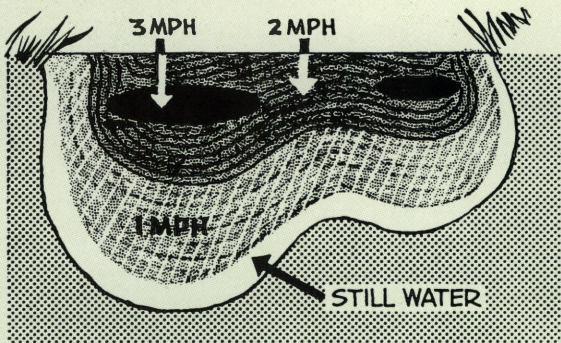
# Fur, Fin *and* Campfire

By JACK SHERIDAN

## FINDING THE BIG ONES

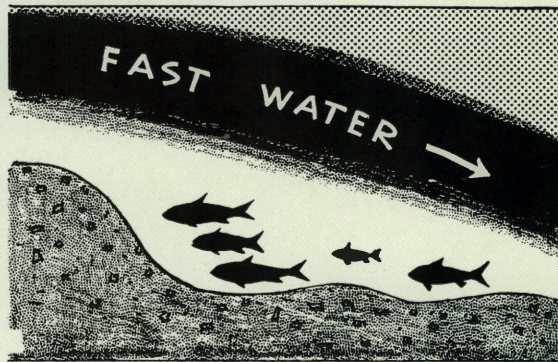
STREAM FLOW IS THE MAIN FACTOR, AND IT IS NOT THE SAME FROM TOP TO BOTTOM, AS THE DIAGRAM TO THE RIGHT MAKES CLEAR. NEAR THE SIDES AND BOTTOM THE FLOW IS ALMOST ZERO.

THE FISH FIND NINE TENTHS OF THEIR FOOD IN THIS QUIET PART OF THE FLOW. NATURALLY, IT'S WHERE YOU'LL FIND THE BIG ONES.



A STREAMLINED CUSHION OF NEARLY MOTIONLESS WATER SURROUNDS THE ROCK AT THE LEFT (SEEN FROM ABOVE). THE FISH, FOLLOWING THE LINE OF LEAST RESISTANCE, REST IN THIS CUSHION AND LET THE STREAM BRING THEM THEIR MEAT AND POTATOES AND, IF YOU'RE SMART, YOUR LURES.

DEPRESSIONS IN THE BED OF THE STREAM OFFER THE FISH THE SAME 'CUSHION'. YOU CAN REACH THEM BEST WITH A SPINNING ROD, USING FINE THREAD LINE AND SMALL LURES WHICH OFFER LITTLE RESISTANCE TO THE CURRENT AND GET BENEATH THE 'TUBE' OF FAST MOVING WATER.



Early in the season, especially when the water is still cold, the fish often hug the bottom. Therefore, you should fish deep.



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