DIVISIONAL ACTIVITIES OF THE
MAINE DEPARTMENT OF INLAND
FISHERIES AND GAME
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COMMISSIONER’S CORNER

During the summer I hope to meet with most of you in your areas to discuss departmental problems and review your projects and work plans. Each year when I get out into the field on my inspection trips, I never cease to be amazed at the vast expanse of woods and waters in our great State.

I wish it were possible for everyone in our organization to cover the entire State and review the varied projects and installations which make up the Fish and Game Department. Naturally many of you travel over wide areas in the course of your work, and don’t need reminding that Maine is big and that the Department reaches into every nook and cranny with a hatchery here or a warden or biologist stationed there. But the point is that all of us are guilty of sometimes thinking in terms of our own work without giving too much thought to what the other fellow might be doing or how his problems affect the Department as a whole. This is something that we must constantly guard against.

So when the opportunity affords itself, make it a point to spend some time with your co-workers. Get to know each other’s work and problems, visit Department installations, and attend Division meetings whenever possible.

And remember, my office door is always open. If I don’t have the chance to talk with you during my inspection tour this summer, feel free to make an appointment through your Division head.
HERE AND THERE

CHIEF WARDEN ELMER INGRAHAM HAS BEEN ACCOMPANYING COMMISSIONER COBB ON HIS ANNUAL INSPECTION TOUR. BY THE FIRST WEEK IN JUNE THE TWO MEN HAD VISITED WARDEN DIVISIONS A, L, B, AND C. THE TOUR WILL END IN JULY AND A COMPLETE SCHEDULE IS INCLUDED IN THE MAY NEWSLETTER.

* * * * *

MAYORS PETER A. GARLAND AND CLEMENT H. DESCHAMBEAULT OF SACO AND BIDDEFORD, MAINE, DESERVE THE SUPPORT OF PINE TREE STATERS FOR BACKING THE DECISION OF THE STATE'S WATER IMPROVEMENT COMMISSION TO REQUIRE THAT A TANNERY SEEKING TO LOCATE IN SACO OBSERVE STRICT ANTI-POLLUTION PRECAUTIONS, THE WILDLIFE MANAGEMENT INSTITUTE REPORTS.

"WE FEEL THE WIC WAS ACTING IN THE BEST INTERESTS OF ALL CONCERNED," THE MAYORS SAID. THEIR STAND WAS NOT EASY TO TAKE: SACO HAS A LARGE NUMBER OF JOBLESS AND THE TANNERY WOULD EMPLOY 300 PERSONS. POWERFUL PRESSURE HAD BEEN EXERTED TO ACCEPT THE TANNERY AT ANY COST, BUT THE WIC VOTED UNANIMOUSLY TO SUPPORT THE RECOMMENDATIONS OF ITS ENGINEER. THE SACO RIVER AND BAY ALREADY ARE POLLUTED, AND MOST PEOPLE WANT THE SITUATION CORRECTED.

OUTDOOR NEWS BULLETIN

* * * * *

WARDEN COLIN FEEENEY HAS BEEN HOSPITALIZED BECAUSE OF BACK INJURIES. SINCE THE OPERATION, HE HAS BEEN CONVALESCING AT HOME. FEEENEY IS EXPECTED TO BE ABSENT FROM HIS DISTRICT ABOUT SIX WEEKS.

* * * * *

FOR THE FIRST TIME IN WISCONSIN, A DOE DEER WAS FOUND TO BE CARRYING FOUR FAWNS. THE DEER WAS KILLED BY A CAR ON A HIGHWAY AND EXAMINATION SHOWED THE FAWNS WOULD HAVE BEEN BORN IN EARLY JUNE. TWIN FAWNS ARE A GENERAL RULE IN WISCONSIN, TRIPLETS OCCUR IN TWO PER CENT OF THE BIRTHS, BUT QUADRUPLETS ARE RARE EVERYWHERE.

CONSERVATION NEWS
May 15, 1958

NEW PERSONNEL

LINDLEY F. YORK, JR. HAS JOINED THE ENGINEERING DIVISION AS A CLERK STENOGRAPHER. DURING THE SUMMER MONTHS LINDLEY WILL ASSIST THE ENGINEERING CREWS.

LINDLEY IS A GRADUATE OF LAWRENCE HIGH, FAIRFIELD, AND THOMAS JUNIOR COLLEGE IN WATERTVILLE IN JANUARY, 1958. HE IS SINGLE AND LIVES AT HOME IN FAIRFIELD.
Largemouth Bass Studies

Largemouth bass provide excellent summer angling in numerous lakes and ponds in Maine. This species thrives in warm, shallow, weedy ponds and streams and in these waters often attains weights of five to six pounds.

Introductions of largemouth bass have been made by the Fishery Division in 16 waters of the State since 1954 to improve summer angling. Introductions are made on the recommendations of the Regional Fishery Biologist following the completion of biological surveys. Eight new introductions are scheduled for 1958.

Largemouth bass fingerlings for introductory purposes are provided by the U. S. Fish and Wildlife Service from their Fish Cultural Station at North Attleboro, Mass.

Studies to evaluate results of largemouth bass introductions in several waters are in progress under the direction of Robert Foye, Regional Biologist in the Belgrade region. Information from these studies will assist the Department in managing this species in Maine.

An intensive study of the largemouth bass fishery in Belgrade Stream in Kennebec County will be undertaken in 1958 and 1959 by John W. Kelley, Assistant Regional Biologist in the Belgrade region. Kelley's work at Belgrade Stream will form the background of his thesis for his Master's degree in zoology which he will pursue at the University of Maine next fall.

Introductions of largemouth bass have been made in the following waters since 1954:

Cumberland County
- Great Pond, Cape Elizabeth
- Otter Pond, Bridgerton*
- Sand Pond, Baldwin

Hancock County
- Burntland Pond, Stonington*
- Torry Pond, Deer Isle*

Kennebec County
- Johnson Pond, Waterville
- Three Cornered Pond, Augusta

Mile Pond, Portland
- Moose Pond, Otisfield*
- Watchic Pond, Standish*

Pierce Pond, Penobscot
- Loon Pond, Litchfield
TOGUE ELUDES FISHERMEN TWELVE YEARS

THROUGH A TAG ON A TOGUE (LAKE TROUT) CAUGHT AT COLD STREAM POND, BIOLOGISTS WERE ABLE TO TRACE THE HISTORY OF THE FISH AND DISCOVER THAT FISH MAY BE SMARTER THAN ONE THINKS.

THIS FISH HAD ELUDED FISHERMEN FOR 12 YEARS UNTIL IT WAS CAUGHT BY MRS. PAULINE PERRY OF SOUTH BREWER. THE FISH WAS TAGGED IN OCTOBER, 1952, AT WEBB COVE. AT THAT TIME THE TOTAL LENGTH WAS 20.7 INCHES, ITS WEIGHT 2 POUNDS 5 OUNCES, AND ITS AGE 6 YEARS. THAT MADE THE FISH 12 YEARS OLD WHEN IT WAS CAUGHT ON APRIL 26, 1958. IT HAD GAINED 2 POUNDS 1 OUNCE AND WAS 22 INCHES IN LENGTH.

SUMMER AIDE BEGINS WORK

PIERRE PROVOST, AUGUSTA, BEGAN WORK WITH THE GAME DIVISION ON JUNE 9. HE WILL WORK WITH BOB FOYE, REGIONAL BIOLOGIST IN THE BELGRADE REGION, FOR THE SUMMER ON POND RECLAMATION WORK.

PROVOST HAS WORKED ONE SUMMER FOR THE DIVISION. HE IS A STUDENT AT CORNELL UNIVERSITY.
THE GAME DIVISION'S RESEARCH PROGRAM

By W. R. DeGarmo

Personnel of the Department, other than the Game Division, are undoubtedly perplexed by the research program of the Game Division. So, let's take a brief look at what is called research. Of course, it's all under Federal Aid. For many years, separate Pittman-Robertson projects were maintained by the Division for individual projects such as deer research, waterfowl studies and the Game Kill Questionnaire. This procedure called for much bookkeeping to separate time spent by biologists on various activities, so practically all research is grouped into one master project. The only exception is the Sharp-tailed Grouse Restocking Project, which has been designated as research, or experimental, by the Fish and Wildlife Service.

A part of the work on the major research project cannot actually be called research. It is more in the nature of inventory, but the Federal Aid Act says inventory investigations are research, so that's what it is called.

Our research project is numbered W-37-R, and entitled, State-wide Wildlife Investigations. It is currently divided into four segments: A. Maine Waterfowl Investigations; B. Maine Deer Investigations; C. Wildlife Inventories; and D. Management Evaluation. A fifth segment is being added in this next fiscal year so we term it Segment E. Snowshoe Hare Investigations. This will be a new study.

Three men are currently assigned to leadership of all but the inventory segment. Howard (Skip) Spencer, Jr., is waterfowl leader; Chester Banasiak is in charge of deer investigations; and John Gill looks after Management evaluation. Various portions of inventory jobs are assigned to individual regional biologists.

Once again, Federal procedure requires that research projects be set up as jobs. Each separate phase of a project is set up as a job and given a job number. For convenience a system of combining the segments and job numbers is used; that is, the Game Kill Questionnaire is Job 4-C, the Winter Waterfowl Inventory is Job 1-A.

Detailed descriptions of all the jobs under State-wide Investigations would require a bulletin the thickness of this issue, so only a brief account can be given. In doing so the order as written in this year's project will be followed.


**Segment A Maine Waterfowl Investigations**

1-A **Winter Waterfowl Inventory:** This is a joint enterprise. Each state throughout the Atlantic Waterfowl Flyway attempts to determine the number of birds wintering in the Flyway. Maine merely does its share.

2-A **Waterfowl Production Survey:** This too is a cooperative enterprise. The success of the waterfowl brood season determines in part the length of the fall season. Brood counts therefore are run on selected areas.

3-A **Waterfowl Harvest and Hunting Pressure Study:** Last fall’s bag checks marked the 10th year of this work in Maine. A 10-year analysis is now in order.

4-A **Merrymeeting Bay Investigations:** This area is the most important single waterfowl area in Maine. For several years biologists have been conducting detailed studies of this area, mapping waterfowl foods, determining waterfowl use, and setting up studies which will enable us to determine if waterfowl foods are changing over a period of years.

5-A **Waterfowl Habitat Control and Improvement Methods:** An important need in waterfowl management is to improve some of our low quality wetlands. This study has been started to set up experimental work in this direction.

6-A **Evaluation of Small, Man-Made Marshes in Maine:** Game men are now engaged in an intensive program of construction of small marshes. They need to know how much good is being accomplished. This study is just in its initial stages. Field work is now underway.

**Segment B Maine Deer Investigations**

1-B **Analysis of the 1957 Deer Kill:** Each year biologists conduct an analysis of the legal kill. They’re starting to put out an annual leaflet on this subject.

2-B **Analysis of Accumulated Sex and Age Data:** Physical characteristics, such as rate of growth, antler size, rate of reproduction, etc., have been found to be a good way to determine range quality, that is, where food is insufficient or of poor quality. This work has progressed for five years and is nearing completion. It is associated with age of the deer, hence the business of looking at deer teeth. This job covers a complete analysis of data accumulated in past years.

3-B **Collection and Analysis of Deer Sex and Age Data:** This covers annual collections of above data.
Winter Deer Yard Evaluation: This covers annual deer yard studies. In past years biologists have attempted to determine conditions in a representative sample of Maine yards. In addition, they have study yards in which they determine annual snow depths and deer activity.

Limiting Factors Other Than Legal Kill: This job merely assembles records of such items as losses to dogs, damage permits and road kills.

Bobcat Investigations: An attempt to get at the problem of just how important the bobcat is as a deer predator.

Analysis and Definition of Management Problems and Deer Publication: This work is essentially one job. A major deer publication should be available early in 1959.

Nutritional and Palatability Values of Hardwood Tops for Deer: This is a study being conducted by a graduate student in Orono. Trees cut at some seasons are believed to produce more nutritious tops than those cut at other seasons.

Segment C Wildlife Inventories

These inventories are self-explanatory. They are as follows:

1. Aerial Beaver Survey
2. Woodcock Count
3. Fur Resources Study
4. State-wide Game Kill Questionnaire
5. Pathology of Wildlife Specimens

Segment D Management Evaluation

Briefly, this important work is essentially designed to learn what is needed to manage our deer yards. We are currently working with foresters of several timber companies seeking ways and means of leaving necessary winter cover or improving food in and around winter yards. Little is known of minimum needs to request of timber companies, hence John Gill began work three years ago on attempting to get some of these answers. His first effort was a problem analysis which was printed as Game Division Bulletin #5, "Review of Deer Yard Management 1956." This work will continue for several years. Jack also has charge of a job entitled, "Evaluation of Forest Game Habitat Development Practices." This currently revolves around log-road seedings. Other jobs under Segment D are:

1. Planning and Review of Deer Yard Management
2. Effect of Forest Cutting Practices on Deer
3. Shelter Requirements of Deer
4. Shelter Needs of Penned Deer (largely the work of a graduate student).

(Note: It probably would be helpful to Department personnel if this briefing on the Game Division were removed from the Bulletin and filed for future use.)
GAME DIVISION ACTIVITIES

During May the game biologists have been involved in several types of work. Those regional biologists who had small marsh sites surveyed during the winter months have continued to be busy with plotting and designing the dams as well as contacting landowners to get the leases signed in order that construction can begin. Clayton Grant has put in much time reviewing designs drawn by regional biologists - in fact game men are considering giving him the title "Biologeneer!"

The small marsh construction season got underway May 26 at the Winslow-Hyden marsh site in Sheepscott. "Tiny" Holmes is in charge of this work and his crew consists of one assistant and three laborers.

Surveys of marshes were continued in the Kittery small marsh area as well as at the Hodgdon Deadwater acquisition area. These surveys have been plotted and Dick Parks has been busy making the appraisal report on the Hodgdon area.

Censuses of breeding pairs of waterfowl have been completed on selected areas. This work is tied in with the evaluation of the small marsh program. All the small marshes constructed in previous years have been included in the studies. Next will be the census of waterfowl broods on all sample areas. "Skip" Spencer is in charge of this phase of the program.

The liming and seeding of about 20 miles of log roads began May 12. These roads were recently bulldozed and landowners have expressed a willingness to cooperate in this effort to provide more food for deer, ruffed grouse and rabbits. Ladino clover has been planted and some of it is up and growing already. Next fall it should be big enough to provide food. John Hunt, as supervisor, and Hank Carson have been in charge of this phase of the work.

Lime has been spread from the back of a 4-wheel drive international truck with winch at the rate of 2 tons per acre. One mile of road eight feet wide covers approximately one acre. Other log roads were seeded on the Penobscot Experimental Forest in Bradley.

Woodcock censuses have been concluded and reports are now being submitted. A quick look at the data received so far indicates that the birds are in as good supply as last year and possibly better. Woodcock hunting is becoming more popular, especially among hunters with bird dogs. Washington and Hancock Counties are popular areas for this sport.

Ben Day who has been in charge of one of the survey crews for about 9 months, recently resigned to join the armed forces. Just prior to that, he married the former May Cousins of Calais.
AT THE GAME FARM

REPAIR WORK ON THE DAMAGE CAUSED BY HEAVY SNOW IN MID-MARCH IS WELL ON THE WAY TO COMPLETION AND THE BROODER HOUSE PEN WILL BE FINISHED IN AMPLE TIME FOR THE USE OF THIS YEAR'S YOUNG PHEASANTS. AT THE END OF MAY, DEPUTY COMMISSIONER BUCKNAM ESTIMATED THAT THE PRODUCTION WILL BE 25,000-28,000 BIRDS THIS YEAR.

THE LAST HATCH WILL BE OFF A MONTH EARLIER THAN IN PREVIOUS YEARS, LARGELY BECAUSE OF THE PURCHASE OF 8,000 MASSACHUSETTS CHICKS AND BECAUSE OF IMPROVEMENTS IN EQUIPMENT AND BREEDING ARRANGEMENTS.

INSTEAD OF ATTEMPTING TO GET EARLIER EGG PRODUCTION BY KEEPING THE BIRDS UNDER LIGHTS, IT WAS DECIDED TO USE NO CONTROLS THIS YEAR. THE HATHES, CONSEQUENTLY, HAVE BEEN MORE SUCCESSFUL ALTHOUGH THE HENS STARTED LAYING LATER. GAME FARM MANAGER JOHN BENTLEY REPORTS THAT THE HATCHABILITY RATE HAS IMPROVED FROM SLIGHTLY MORE THAN 55 PER CENT TO ABOUT 73 PER CENT THIS YEAR.

THE APPLICATIONS RECEIVED UNDER THE CO-OPERATIVE PROGRAM FOR 8,000 BIRDS ON A MATCHING BASIS WERE FILLED EARLIER THAN USUAL THIS YEAR. DEPUTY COMMISSIONER BUCKNAM SAYS THAT APPLICATIONS FOR 3,000 BIRDS ON A NON-MATCHING BASIS WILL ALSO BE HONORED.

WATER IS BEING PIPED INTO THE PENS NOW FOR THE FIRST TIME. THIS, ALONG WITH THE NEW COVERED PENS, WILL PERMIT MUCH MORE EFFICIENT OPERATIONS, ACCORDING TO THE DEPUTY COMMISSIONER.

ANIMALS NOW ON HAND INCLUDE DEER, BOBCAT, RACCOONS, BEAR, A FISHER AND A RED FOX (BOTH ABOUT EIGHT WEEKS OLD), AND SEVERAL COLORFUL EXOTIC PHEASANTS THAT TAKE THE FANCY OF THE MANY VISITORS TO THE GAME FARM.
ENGINEERING DIVISION

Norman E. Jackson, Inc., the contractor for the Enfield Fish Hatchery, began work on April 28 and to date has completed most of the excavation and road work. John Ketner, with some assistance from Clayton Grant, has been busy inspecting the construction, giving lines and grades, and computing quantities. From an engineering standpoint this is the best site found in the state for a large installation of this type.

An interesting addition that has just been authorized for installation at the new Enfield Hatchery is an experimental fishway. This fishway will have several pools with removable baffles or weirs, and will connect into a Denil fishway, which in turn will discharge into Cold Stream.

Water will be supplied to the fishway from the pipeline leading from Cold Stream Pond to the new rearing pools. This will provide an ample supply of cold water, and the rearing pools should provide all the fish needed for use in any experiments. This fishway should do much to guide us in determining the best type of weir and volume of water needed to pass the maximum number of fish.

On May 13 and 14, Chief Engineer Decker made an inspection trip to Washington County. On the way he stopped at Saco Falls on the Pleasant River to check progress of Ray Lemelin's work in removing ledge for a fish pass. Excellent progress has been made, and this project should be completed early in June. Decker, with Keith Havey and Jim Fletcher, inspected fishway sites at East Machias, Gardner Lake, Pennamaquan River, and at Machias Gorge. Water was too high to permit any detailed surveys.

Lindley F. York, Jr., of Fairfield has replaced Mary Roth as secretary for the Engineering Division.

It is expected that payment will be completed in the near future for a parcel of land in Greenville to be used for a new plane base and site of a regional headquarters for the biologists. This area is across the cove from the present plane base and has much more land available for expanded requirements.

The town of Greenville cooperated by accepting Village Street on May 21. This is a short street leading westerly from Main Street which was originally intended to extend to the property being bought. The acceptance of the complete street makes it possible for us to gain legal access, thus removing the last obstacle to the purchase of the land. Construction of the new base is scheduled for 1959.
MAKING THE ROUNDS WITH THE WARDENS

DIVISION A

MAYNARD MARSH, SUPERVISOR

WARDENS REPORT SOME OF THE BEST SMELT RUNS IN DIVISION A IN RECENT YEARS TOOK PLACE THIS SPRING. THE BEST RUNS WERE FOUND AT GREAT EAST AND MOUSAM LAKES IN ACTON, OSSIPPEE LAKE IN WATERBORO, LONG POND IN PARSONSFIELD, HORN POND IN LIMINGTON, COLCORD POND IN PORTER, PANTRY POND IN RAYMOND, TRICKY POND IN NAPLES, MOOSE POND AND LONG LAKE IN BRIDGTON, SONGO, CROOKED, AND JORDAN RIVERS, TRIBUTARIES TO SEBAGO.

DIVISION B

ROY GRAY, SUPERVISOR

GOOD FISHING WAS REPORTED AT MANY PLACES THROUGHOUT THE DIVISION. SHEEPSCOT LAKE PRODUCED SEVERAL MEDIUM-SIZED SALMON, ST. GEORGE'S BROWN TROUT UP TO 7 1/2 POUNDS, MEGUNTICOOK MANY SMALL SALMON, ALFORD LAKE MANY LARGE BROWN TROUT AND THE NARROWS POND PRODUCED Togue UP TO 8 POUNDS.

ONE FISHERMAN WITH HIS WIFE HOOKED A LARGE FISH AT ALFORD LAKE AND AFTER CONSIDERABLE MANEUVERING GOT THE FISH UP BESIDE THE BOAT. THE MAN'S WIFE, AN ARDENT FISHERMAN, ON SEEING THE SIZE OF THE FISH, BECAME EXCITED AND DROPPED THE NET OVERBOARD. THEY THEN TRIED TO GET THE FISH UP SO THE MAN COULD GET HIS FINGERS INTO THE FISH'S GILLS. HE HAD HIS HAND ON THE LEADER WHEN THE FISH GOT OFF AND DISAPPEARED. THE MAN REPORTED THAT IT WAS THE LARGEST FRESH WATER FISH HE HAD EVER SEEN.

A SUCCESSFUL FISHING DERBY WAS HELD BY THE VASSALBORO FIREMEN ON SUNDAY, MAY 11. WARDEN OLIN JACKSON CHECKED OVER 50 BOATS ON CHINA LAKE IN THE NARROWS SECTION. HE AND SUPERVISOR GRAY CHECKED A 7 1/2 POUND AND A 6 POUND 12 OUNCE BROWN TROUT.

BEAVER ARE CAUSING CONSIDERABLE TROUBLE IN ISOLATED SPOTS. PHILLIP MAHANEY WORKED TWO DAYS WITH THE HIGHWAY CREW TRYING TO DIG OUT A FOUR FOOT CULVERT AT LEEDS. THE CULVERT WAS COMPLETELY PLUGGED AND WAS WASHING OUT A STRIP OF ROADWAY. FINALLY USING A SMALL TRACTOR WITH WINCH ATTACHMENT THEY PUSHED AN ABANDONED TELEPHONE POLE THROUGH THE CULVERT AND THEN USING THE WINCH WITH A BOAT ANCHOR THE CULVERT WAS CLEANED OUT.

DIVISION C

ARTHUR ROGERS, SUPERVISOR

FISHING WAS SLOW IN MANY PLACES THROUGHOUT THE MONTH BUT EMBDEN POND WAS ONE OF THE BEST SPOTS IN THE STATE FOR SALMON FISHING. FISHERMEN STARTED CATCHING FISH AT THAT POND AS SOON AS ICE WENT OUT. THE SALMON WEIGH FROM 2 TO 6 POUNDS.
Warden Harold Tukey of Belgrade Lakes issued an application for the "One That Didn't Get Away Club" to Clarence Chase for a brook trout that weighed 6 pounds 1 ounce, caught on Snow Pond. Tukey reports that several good salmon are being taken in Long Pond. The perch are running in Belgrade Lakes Village but are much smaller than in previous years.

Bear were seen in two towns during the month. Warden Norman Gilbert of Hartland had a report of a bear in North Hartland and Warden Louis Chute was told of a bear in a door yard at 8 Maple Street in Madison.

High water helped to spread trout in the recently stocked brooks. Warden Gilbert heard of only one brook where the trout were caught about all out in the first week.

Warden Leon Gilpatrick of Belfast checked a 12 pound 5 ounce brown trout caught at Swan Lake by Neil Libby of Hope. That is the biggest fish Gilpatrick has ever seen come out of Swan Lake.

Roland Ball of Monroe shot a black bear that weighed about 200 or 300 pounds. It is the first bear that Gilpatrick has seen in his district in 11 years. The hunter shot the bear with a 12 gauge shotgun and one ounce lead ball at about 15 yards. The bear was about three years old.

**Division D**

Wendell Brown, Supervisor

A great deal of warden time was spent during the month in Division D in checking the smelt fishermen. Supervisor Brown said he believed it to be the roughest crowd in years.

Fishing, in general, was slow the first two weeks of May. Sebec Lake gave up a good number of small salmon. Brown feels that there are more fishermen due to the 12-inch limit on salmon.

Warden Clyde Speed reports good perch fishing in the Saponac area. He has also checked some good salmon taken from Spring Pond.

Beaver complaints have been heavy this month. Most of the nuisance animals have been in areas restricted to one-month trapping.

**Division E**

Raymond Morse, Supervisor

Fishing picked up a great deal over Division E. Most lakes were giving up good catches of salmon, trout and togue. Good fishing was reported at Branch, Green and Mopang Lakes.
Warden Robert Hogan talked with one fisherman at Green Lake who lost five salmon in one day because his leader was longer than his rod. He would reel his line up as far as the rudder, but due to the extra long leader he could not reach the fish with his net. This happened five times.

Brook fishing picked up near the middle of the month as the water began to drop. Mrs. Flo Dickens and Mrs. Florence Begley, both of Sullivan, were the first women to report limit catches. They caught 30 good trout from one of the local brooks.

The first fresh-run Atlantic salmon was taken May 17 from the Narraguagus River in Cherryfield. Norman Hathaway of Brewer landed the salmon at 7:30 A.M. from the Academy Pool on a No. 2 home-made fly. It was 31 inches long and weighed 12 pounds. Albert LaCasse of Williamsburg, Mass., landed the second salmon at Stillwater Pool on a No. 4 Mickey Finn fly. This fish was 35½ inches long with a girth of 19 inches and weighed 16 pounds and 7 ounces. This salmon made LaCasse eligible to enter "The One That Didn't Get Away Club."

As of May 25 a total of twelve Atlantic salmon had been taken from the Narraguagus. One man, Norman Hathaway of Brewer, landed four salmon from the river in a period of 8 days.

The Bar Harbor Rod and Gun Club held a Fishing Derby May 18 and about a hundred fishermen entered. Harold Soucup, Southwest Harbor, landed a 4 pound 10 ounce salmon, Ralph MacFarland, Bar Harbor, a 9½ pound toque and Richard Danforth, Orono, a 1½ pound brook trout. A $25 savings bond was awarded each of the fishermen for the three largest fish caught.

The Orland Hatchery started their stocking program recently. Just about every fisherman in Hancock County from 8 years to 80 years has been catching these trout. They weigh about half a pound and are certainly a great attraction to the fishermen. One night it was so cold Supervisor Morse saw one fisherman fishing with a pair of red mittens on.

Division F

Water was very high in the brooks during the first part of May in Division F. Lake fishing was spotty with a few good catches reported. Warden Feeney checked fishermen for a week, all with no fish. One man from Milltown journeyed to West Grand Lake twice one week and returned before noon with a limit of salmon taken on a grey ghost fly tied by Bill Tracey of Calais. Warden Bob Tait checked Grand Lake May 11 and found 103 residents and one non-resident with 35 salmon and 15 toque.
The cars are taking their toll of deer. In one ten-day period four doe deer were killed, all carrying twin fawns.

**Division G**

David Priest, Supervisor

Most of the streams, brooks, and rivers were at flood pitch in Division G at the first of the month. As a result fishing was slow in most places. A few good spots were reported—Warden Hasson checked some large salmon at Upper Dobsis Lake. Supervisor Priest registered a 11½ pound togue taken from West Grand Lake. Cold Stream Pond produced several large salmon, but few togue. Priest said there were more boats on that lake on April 27 than he had seen any other day—more than 200.

Warden Bonney reports the smelt run at East Grand Lake was the best in several years. Most sporting camp proprietors are getting good bookings this spring in spite of the so-called recession.

Warden Clement has seen many partridge in his district. Deer are showing up very well in the fields this spring. Priest on one occasion counted 15.

Warden Howes reports that there are 11 out-of-state bear hunters staying at one sporting camp in Division G. They are hunting with bows and arrows. These hunters along with several others, have seen bear but so far they have shot none.

On May 25, Ralph Austin, Jr., of Milford caught the largest togue taken from Cold Stream Pond in Enfield in many years. The fish weighed 24 pounds.

**Division H**

Wilfred Atkins, Supervisor

Fishing activity, slow at the end of April, increased rapidly at the beginning of May. Ice cleared from Portage Lake officially on April 28. A great deal of interest in the clearing date was aroused through a contest sponsored by the Presque Isle STAR HERALD and Sears Roebuck Company. Most of the local sporting camps are booked to capacity during May and June.

During the first week in May the lakes throughout Aroostook County began to offer exceptionally good trout and salmon fishing. As a result fishing pressure became very heavy.

Deer began to appear along the roadsides during the beginning of the month and most wardens agreed that they appear to be in good to excellent condition. They also noted that deer are at least as plentiful as last year. Supervisor Atkins had few dog complaints as owners cooperated in keeping their dogs under control when warned.

On May 1 Warden Caron of Fort Fairfield was called to Caribou on a beaver complaint. He found a beaver in the entrance
of the Caribou clinic. The warden drove the beaver toward Caribou Stream but noticed that the animal was blind in the right eye and almost blind in the left. He left him near the stream.

In a short while he got another call that the beaver was in the garage of a local shop. Caron finally put the animal in a live trap and turned it over to biologist Carson in Ashland. The warden remarked that beaver are smarter than people believe them to be, if they go to a clinic for eye trouble.

Two moose appeared in the built-up portion of Caribou recently and considerable warden time was spent in an effort to get them back into the woods again. Reports of others being seen throughout the farming sections are common.

Warden William Atkins is having a problem with large outboard motors on the Fish River lakes. Using 35 and 50 h.p. motors on square stern boats, they travel wide open and create a serious hazard for smaller craft. On some of the very sharp curves on the river they have been especially hard on the canoes. Atkins has warned them several times.

Division 1

Curtis Cooper, Supervisor

A great deal of interest in fishing has been shown at the Long Lake Recreation Camp. Fishing in general has been good at Churchill and Eagle Lakes although no record fish have been reported as yet.

During the high water at the beginning of the month, water raised the 2,000 gallon gas tank at the sea plane base at Eagle Lake and the basement at the pilot's quarters had to be pumped several times to keep the water from putting out the furnace. One day it reached high enough to put out the fire in the hot water heater.

Several wardens took part in the rescue of a pulp wood worker who became lost in the vicinity of Ben Glasier Pond, T. 15 R. 12. Warden Leonard Pelletier was notified late on the night of May 18 of the lost man. He in turn notified Pilot Varney and Warden Maynard Pelletier. After several hours of searching, Varney located a small stream of smoke over the height of land toward the St. John River, in a large uncut section of land between the Allagash and St. John Rivers.

Varney and Leonard Pelletier flew over the area and directed Warden Maynard Pelletier by radio to the smoke and the lost man, who had been out approximately 30 hours. Pilot Varney flew 5½ hours having to land several times during the search due to very heavy thunder showers.

Warden Allen found an adult beaver in one of the several large pot holes formed in the ledge rock at the lower Fish River falls near Fort Kent. The animal was not able to get out, as the hole formed in the rock was nearly four feet deep and the walls almost perpendicular. Allen took the laces out of his boots
AND SOON HAD THE BEAVER SNARED BY A HIND FOOT. AFTER GETTING THE SNARE FREED, THE BEAVER TOOK TO THE WATER AND DIDN'T HESITATE TO REACH NORMAL WATER, BUT PLUNGED INTO THE RIVER HALFWAY DOWN THE FALLS.

PILOT VARNEY AND SUPERVISOR COOPER OBSERVED BEACHES AND ROCKS WHICH THEY NEVER KNEW EXISTED SINCE THE WATER CUT AROUND THE CHURCHILL LAKE DAM THIS SPRING. ROBERT EASTMAN, OWNER OF THE CHURCHILL LAKE CAMPS, LOST FOUR ALUMINUM BOATS WHEN THE DAM LET GO.

DIVISION J

WALLACE BARRON, SUPERVISOR

FISHING IMPROVED STEADILY THROUGHOUT THE MONTH AS THE ICE LEFT MOST OF THE PONDS AND LAKES. AT THE BEGINNING OF THE MONTH THERE WAS A PARADE OF CARS WITH BOATS AND CANOES ON THE ROADS. TROLLING WITH STREAMERS AND LURES WAS PRODUCTIVE IN MOST SALMON AND TROUT WATERS. TROUT FISHING AT THE INLETS TO MOOSEHEAD WAS SPOTTY WITH BEST RESULTS OBTAINED AT TOMHEGAN WHEN A RAFT OF PULPWOOD WAS MOVED OUT.

SNOW REMAINED IN THE WOODS THROUGH THE THIRD WEEK OF MAY. CHARLES BELOW HAD TO GET A BULLDOZER TO BREAK THROUGH TO HIS CAMPS AT LITTLE LYFORD POND THE WEEK OF MAY 18. THEY FOUND UP TO THREE FEET OF SNOW AND ICE IN THE ROAD.

DIVISION K

JOHN SHAW, SUPERVISOR

WARDEN GRAY MORRISON OF KINGFIELD HAD A HARD TIME CONVINCING DR. COVERT OF KINGFIELD THAT FISHING SEASON HAD COME. ON APRIL 23, COVERT AND HIS BLUETICK HOUND GOT BOBCAT NUMBER 11 AFTER A SHORT RUN. THE SNOW WAS PERFECT WITH FROM THREE TO FOUR FEET ON THE HIGHER ELEVATIONS.

WARDEN DWIGHT LANDER OF STRATTON NOTES THAT RIVER DRIVERS ON SPENCER STREAM SAW FOUR MOOSE. LANDER COUNTED 67 DEER BETWEEN RANGELEY AND STRATTON ON MAY 2 AT NIGHT WHEN COMING HOME FROM A SMELT RUN. WARDEN MARTIN SAVAGE OF OQUOSSOC SAW FIVE MOOSE IN A TWO-WEEK PERIOD.

FISHING IS QUITE GOOD AT RANGELEY LAKE AND QUIMBY POND, ACCORDING TO WARDEN CHARLES TOBIE. IT IS STILL SLOW IN THE KENNEBAGO LAKE AREA AND THE REDDINGTON POND AREA.

DIVISION L

WAYNE LINDSAY, SUPERVISOR

SMELT RUNS WERE SPOTTY IN DIVISION L. GOOD RUNS WERE REPORTED AT KEOKA LAKE, WATERFORD, PLEASANT POND, CASCO, AND ANDROSCOGGIN LAKE IN WAYNE. MOST OF THESE WERE SHORT AND THE RUNS ENDED FOR THE MOST PART BY MAY 7.

HIGH WATER SLOWED FISHING THE FIRST OF MAY, BUT FISHING PICKED UP IN A FEW LAKES BY THE END OF THE FIRST WEEK. CANTON LAKE PRODUCED SALMON UP TO 19 INCHES AND SOME SQUARE TAILS AROUND 12 INCHES. RAYMOND MARTIKAINEN OF HARRISON CAUGHT A 7 POUND 8 OUNCE TOGUE AT CRYSTAL LAKE IN HARRISON, MAY 3.
On April 30 Clayton Mills of Bethel felled a hollow maple tree and after cutting up 16 feet found two baby fisher. One was killed when the tree fell; the other was taken to the Game Farm.

Warden Lord investigated a dead moose found near an abandoned farm in Lovell. He had two strands of telephone wire wrapped around his antlers and fastened to trees and telephone poles. He evidently starved to death last December.

Warden Jordan reports the results of a fishing derby held in the Wayne-Winthrop area May 18 as follows:

Clifton Worthing, Manchester, 10-lb. togue, Narrows Pond
Arlene McKenzie, Wayne, 3-lb. 13 oz. brown, Wilson Pond
Leo Flagg, E. Winthrop, 3-lb. pickerel, Narrows Pond
Charles Gott, Wayne, 12 oz. white perch, Androscoggin Lake

WARDEN PILOTS

Warden Pilot Andy Stinson counted 65 boats on East Grand Lake on May 11. He landed on the lake and checked 20 fishermen. These anglers had accumulated a total of 9 togue, 4 salmon, and 1 pickerel. One togue caught by James McFarland, Lincoln, weighed 11½ pounds.

Pilot Varney reports that Churchill dam was partially washed out. The high water in Eagle Lake did quite a bit of damage to camp frontages the early part of the month.

NEW WARDEN AT MARSARDIS

Maurice Gordon, 28, became the district warden in Marsardis on June 1, replacing Reginald Durrell. The new warden is a resident of Vassalboro.

Gordon graduated from schools in Rutland, Massachusetts. He came to Maine seven years ago and most recently has been employed as a dairy farmer.

He served in the Coast Guard for three years, from 1950 to 1953. He is married to the former Muriel Hunt of Vassalboro and the couple has three children.
THE HATCHERIES

Most of the stocking in eastern and central Maine was completed recently. In most cases, brook trout were stocked. According to wardens' reports the fishermen are taking advantage of the hatchery-reared fish and are getting good catches. There were good conditions for most of the planting projects with high water over by the end of May and the brooks at a normal level.

The Department, as part of a reciprocal agreement with the federal hatchery at Orland, loaned two tank trucks for stocking purposes. The brook trout are raised at the federal station and are used to stock reclaimed ponds. Twelve newly reclaimed ponds in Hancock and Aroostook Counties were stocked this spring.

SO WADERS PULL YOU UNDER...?

Tests conducted by the Water Safety Council in California exploded a long-held opinion or two regarding the alleged dangers of hip boots and waders if a fisherman slips while crossing a stream.

Two high school youths donned waders and hip boots for tests in a swimming pool. They found that the rubber gear did not flip them upside down despite somewhat greater buoyancy in the feet where air was trapped. They had to exert force in order to submerge. They reported it was no effort to tread water.

One conclusion was that perhaps panic, in the case of a fisherman who steps into a deep hole or slips on a rock, plays the major role in drownings which sometimes result, rather than any factor involving the angler's wearing apparel or equipment.

OUTDOOR CALIFORNIA, MARCH, 1958