

June 25, 1951

Dr. J. Van Tyne,
Museum of Zoology,
University of Michigan,
Ann Arbor, Michigan.

Dear Van Tyne:

The enclosed just received from the photographer may serve as additional souvenirs from the Kirtland's Warbler expedition. I have included a few habitat photos for Gaige's file.

We could use a little of the cool weather that we enjoyed earlier in the month here in Washington at the present time.

Sincerely yours,

A. Wetmore,
Secretary.

hs
Enclosures

June 25, 1951

Mr. Andrew J. Berger,
Department of Anatomy,
East Medical Building,
Ann Arbor, Michigan.

Dear Andy:

The enclosed photographs have just come to me from the photographer and go to you as a souvenir of our recent work in Michigan.

Tell Denny that J. D. has beaten me out by something more than 64 years in his observations on Kirtland's Warbler.

Sincerely yours,

A. Wetmore,
Secretary.

hs
Enclosure

June 22, 1951

Mr. Wilbur Bull,
c/o Department of Conservation,
Roscommon, Michigan.

Dear Bill:

Herewith I send you two prints as souvenirs of my recent visit to Kirtland's Warbler that I hope may call this trip as pleasantly to your mind as it does to mine.

No doubt Dr. Van Tyne told you of the grand success that attended our observations. I had a very pleasant time all the way around and am much indebted to all those who made this possible.

If Dr. Van Tyne is still with you tell him that I have some photographs for him that I will send on to Ann Arbor, as I am not wholly certain as to how long he is going to remain in the field.

With my kindest regards, I am

Sincerely yours,

A. Wetmore,
Secretary.

hs

Enclosures

June 22, 1951

Dr. Irving Burr,
c/o Department of Mathematics,
Purdue University,
Lafayette, Indiana.

Dear Dr. Burr:

The enclosed may serve as a little souvenir
of our meeting in the Kirtland's Warbler territory
earlier this month.

This was certainly a memorable experience
and one that I shall not forget.

Sincerely yours,

A. Wetmore,
Secretary.

hs

Enclosure

The Wilson Ornithological Club

FOUNDED DECEMBER 3, 1888

MAURICE GRAHAM BROOKS, PRESIDENT
WEST VIRGINIA UNIVERSITY
MORGANTOWN, WEST VIRGINIA

W. J. BRECKENRIDGE, FIRST VICE-PRESIDENT
UNIVERSITY OF MINNESOTA, MUSEUM OF NATURAL HISTORY
MINNEAPOLIS, MINNESOTA

HAROLD FORD MAYFIELD, SECRETARY
2557 PORTSMOUTH AVENUE
TOLEDO, OHIO

The Wilson Bulletin

OFFICIAL ORGAN

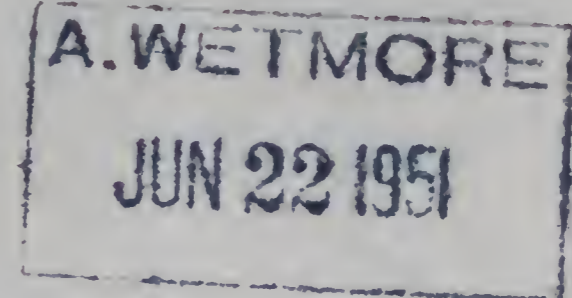
GEORGE MIKSCH SUTTON, EDITOR
UNIVERSITY OF MICHIGAN MUSEUM OF ZOOLOGY
ANN ARBOR, MICHIGAN

BURT LEAVELLE MONROE, SECOND VICE-PRESIDENT
RIDGE ROAD
ANCHORAGE, KENTUCKY

JAMES H. OLSEN, TREASURER
BOX 151
WORTHINGTON, OHIO

June 19, 1951

Dr. Alexander Wetmore
Smithsonian Institution
Washington 25, D.C.



Dear Dr. Wetmore:

We were very pleased to hear from you and were glad to learn that you had such a pleasant and speedy trip back to Washington. The week that we three spent with you and Dr. Van Tyne and the obliging Kirtland's Warblers was among the most pleasant ones of our lives.

You were very kind to send the von Ihering reprint and I am grateful to you for your consideration.

I found upon my return to Ann Arbor, a veritable mountain of Wilson Club mail, but that has by now been pretty well eliminated, and I must soon adjust my way of thinking from birds to anatomy. The summer session will begin next Monday.

Denny has asked me to call to your attention a photograph of the "Youngest Birder?" on page 139 of the May-June, 1951 issue of Audubon Magazine. That youngest birder actually is an oldster of 9½ months, and Denny states that the type of pack is not nearly as satisfactory as yours or ours.

"J.D.", his nibs, also, sends an enclosure.

Once again, please be assured of my deep appreciation for your kindness in sending the "cuckoo reprint."

With deepest respect,

Andy Berger
Andrew J. Berger
Asst. Editor, 1951
Dept. of Anatomy
East Medical Bldg.
Ann Arbor, Michigan

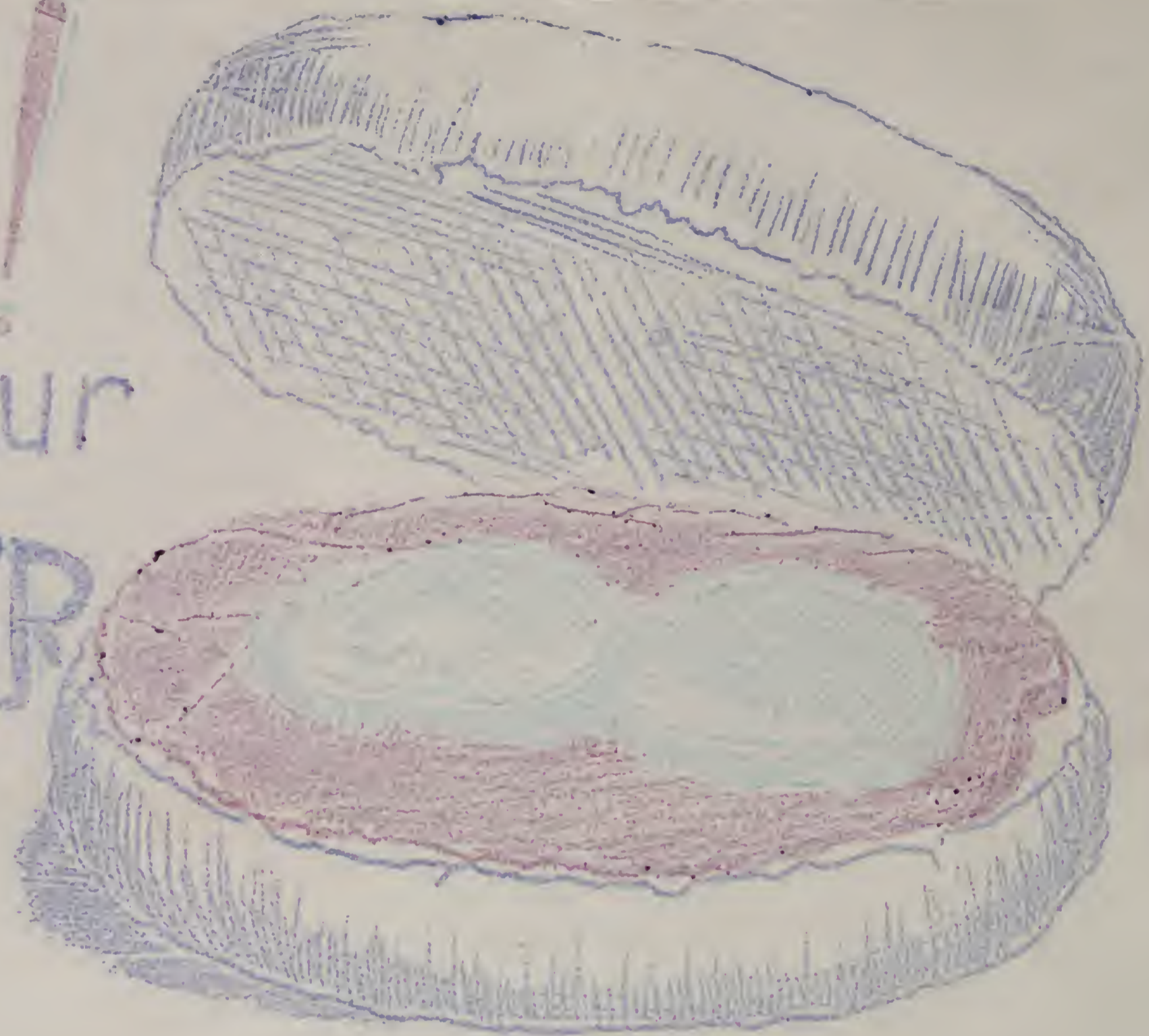
*This sounds sort of
change the way it's
expressed but I'm sure
you know what I mean.
We had a "super" time. ~~ok~~*

Just Arrived!

HAMBERGER

our

SPECIAL



Here's a burger that sings or cries;
Is just the right length
And the perfect size.

Ask for "John Dennistow Berger, J.S."

Time Dec 5 1950
Measures $18\frac{3}{4}$ in. by 2 lbs $7\frac{1}{2}$ oz.

The Berger Joint
Denny and Andy, Managers

June 15, 1951

Dr. A. J. Berger,
c/o Department of Anatomy,
East Medical Building,
Ann Arbor, Michigan.

Dear Dr. Berger:

I reached Washington again last evening after an hour and forty minute flight from Detroit. My week with Dr. Van Tyne and you was most satisfactory and I still marvel at the Kirtland's Warbler and its friendly cooperation to naturalists.

I looked through my file on the Cuculidae and found that, to my regret, I have only one copy of the Shufeldt paper. I was in hopes that I had picked up a duplicate, as has often happened with some of these older contributions.

I did, however, find a copy of von Ihering's paper that I mentioned to you which is a duplicate, and which I enclose herewith. The account was published in Portuguese with the present translation in German immediately following. I hope that this may be of some use to you. It goes to you with my compliments.

I greatly enjoyed being with you and Mrs. Berger to say nothing of his nibs, the youngster.

I enclose also another bibliographical item on cuckoos that may be of interest in your files.

With the hope that you will have had continued success in your studies, I am

Sincerely yours,

A. Wetmore,
Secretary.

hs
Enclosure

I

1-3 near Roscommon 6/9

Wm. Duff, Van Tye

4-9 " driving Burro, Andrew J. Bergus, 6/10

8-9 Kulland Warbler camp 7 mi. N. Roscommon "

10-11 Red Bridge on Assable below Reddick where Wood landed on first Kulland Warbler 4/11 6/11

II

1. Art Allen's Ranch sign near Roscommon 6/11

2. The skimming tank 7 mi. n. Clear Lake, Presque Isle Co. 6/12

3. site of Kulland Warbler nest 2 mi. n. Clear Lake Montgomery Co. "

4-5. noon 7 mi. n. Roscommon 6/13

6-7 Warbler Territory n. of Mio 6/14

8. Lumber and Memorial above Assable River

Presbury, Sundry Sp. 6/12
Red Oak 2 1/2 mi. E. Osceola Co.

Horned Lark . 5 mi. E. 7 mi. S.

~~of tenasteria~~ 5 mi. N. Red Oak
Osceola Co.

2 Thrasher pine warbler. 2 mi. N.

Clear Lake Montmorency Co.

Chipping sp. 7 mi. N. Clear Lake,
S.W. corner Presque Isle Co.

Van Tye

wants to know whether the
young of Dulus has down.
Examine our alcoholics.

Also wants to see specimens
of Panyptila sacra-meronyxi

Dr. A. J. Berger

Dept of Anatomy

East Medical Bldg

Osceola

Send him Shufeldt's paper
on Coccyzus if I have any.

Young Starlings below
Saguenay.

Van Tyne wants Postraguin's
Ave de Paraguay.

D. hollandi is like some small
bird on an oceanic island
unaccustomed to human
intrusion and therefore only
moderately afraid of men.
This "island" however is
not oceanic but geologic
an isolation coming from
the Pleistocene. How
many other species living
in the Pleistocene but
now extinct were like it?
And is this perhaps the
reason for their extinction?

[Faint, illegible handwriting on lined paper]

Dendroica pitillaris

Skins

16

ale.

289720

ale. Tracks

289721

..

289722

June 5, 1951

Mr. D. W. Douglass,
Executive, Technical Staff,
Department of Conservation,
Lansing 13, Michigan.

Dear Mr. Douglass:

I appreciate yours of May 29 returning the dollar fee that I had forwarded in connection with my collector's permit.

To my regret, I will not be able to visit Lansing on this present journey which, of necessity, must be a hasty one. I shall hope that I may have that pleasure in the future.

With my kindest regards, I am

Sincerely yours,

A. Wetmore,
Secretary.

hs

Reservations for Dr. A. Wetmore.

New York Central R. R.
Union Station.

June 8 Lv. Detroit 10:45 p.m. EST for
Roscommon, Mich.

Lower 4 Train 337 Car 3371

June 9 Arr. Roscommon 4:49 a.m.

UNIVERSITY OF MICHIGAN

ANN ARBOR, MICHIGAN, U. S. A.

June 2, 1951

MUSEUM OF ZOOLOGY

Dear Wetmore:

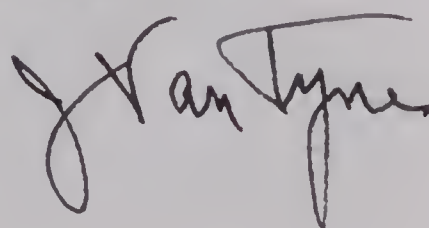
The A.O.U. Supplement MS and proof came yesterday afternoon and I am forwarding it to Fisher today.

The only major discovery I need to mention is the lack of an A.O.U. number for Pinicola enucleator eschatosus. I added the number: [515g]. Will you send word to Fisher if that is not correct?

I trust nothing will come up to delay your trip to Michigan. If necessary, I could be reached here at 405 Awixa until about 9 AM on the 7th. Then, at Mio (care of Hinchman) that evening. I'll spend the night of the 8th at Roscommon (Care of Wilbur Bull, Dept. of Conserv.)

I'll look forward then to seeing you Saturday morning early.

Sincerely,



May 31, 1951

Dr. J. Van Tyne,
Museum of Zoology
University of Michigan,
Ann Arbor, Michigan.

Dear Van Tyne:

Relative to yours of May 28, I would suggest that you pick me up at the station at Roscommon at six o'clock or thereabouts so that we can have breakfast together. Ornithologists, I know, are early risers, but I see no reason to get you out at four just because I have to rise myself at that unearthly hour. Do not hesitate to sleep a while longer if you so desire, since I will ~~not~~ be able to occupy myself until you arrive.

Looking forward to seeing you, I am

Sincerely yours,

A. Wetmore,
Secretary.

hs

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STATE OF MICHIGAN



A. WETMORE

JUN -4 1951

DEPARTMENT OF CONSERVATION

LANSING 13

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GEOLOGICAL SURVEY
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LANDS
ARTHUR C. ELMER
PARKS AND RECREATION
S. G. FONTANNA
DEPUTY DIRECTOR

May 29, 1951

Dr. Alexander Wetmore
Smithsonian Institution
Washington, D. C.

Dear Dr. Wetmore:

Thank you for sending us the application for your collector's permit. The dollar fee had already been processed before it came to our attention, hence the delay in refunding the money.

We would very much like to see you in Lansing if your itinerary brings you anywhere near us.

Very truly yours,

H. D. Ruhl
Chief, Game Division

by

D. W. Douglass
Executive, Technical Staff

DWD:bl
Enclosure

UNIVERSITY OF MICHIGAN
ANN ARBOR, MICHIGAN, U. S. A.

MUSEUM OF ZOOLOGY

May 28, 1951

A. WETMORE
MAY 31 1951

Dr. Alexander Wetmore
U. S. National Museum
Washington 25, D. C.

Dear Wetmore:

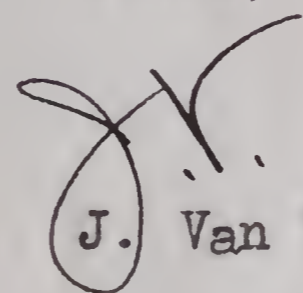
Your letter of May 23 has just come. It is fine to know that your plans are working out all right.

It will be easy to drive you down to Bay City for the train you mention on June 14. Consider that settled.

I certainly hope you can quarantine Eisenmann's rash of new vernacular names.

I am looking forward with great pleasure to our trip. I'll see you then at 4:49 a.m. on June 9 at the Roscommon railroad station.

Yours,


J. Van Tyne

JV/mk

May 23, 1951

Dr. J. Van Tyne
Museum of Zoology
University of Michigan
Ann Arbor, Michigan

Dear Van Tyne:

In accordance with yours of May 16, I am making arrangements to leave Washington on June 8 via Capital Airlines on the plane due at the Detroit Airport at 6:35 p. m. I am also getting a reservation for the New York Central train leaving Detroit that night at 10:45 p. m., due in Roscommon the following morning at 4:49. The schedule indicated should give abundant time to get across to the depot in Detroit.

I am planning on getting back to Washington on the evening of June 14. I should be able to make some arrangements to get from wherever we will be on the morning of the 14th to Bay City where I can get a train for Detroit at 1:50 p. m. I will arrange to hire a car or a taxi or whatever is necessary for that travel.

The Michigan permit came duly to hand and I returned the application form immediately.

I am getting the things that I will need for my work with you lined up and will have everything in order in a short time. I have to be in New York Friday for some business meetings and am going up tonight so as to have a day in the American Museum in checking over some forms that I am sure are new. I want, if possible, also to see Eisenmann. I have his list of birds of Barro Colorado Island which, in general, is very good. He has, however, gotten up an almost complete set of English names on his own since he said we should avoid the use of patronymics. I hope to publish the list here for we need it on Barro Colorado Island but will have to argue with him a bit on some of his terms. Personally, I do not like to lose such old friends as Agami Heron, Rieffer's Hummingbird, Wagler's Woodpecker, nor do I quite see calling the common toucan the Banana Bill. Enthusiasm is a fine thing, properly directed.

Sincerely yours,

A. Wetmore,
Secretary.

hs

May 17, 1951

Chief, Game Division
Department of Conservation,
Lansing 13, Michigan.

Att: Mr. D. W. Douglass,
Executive, Technical Staff

Dear Mr. Douglass:

I beg to acknowledge with much appreciation yours of May 11 forwarding permit #80 giving the authorization for the collection of birds in the State of Michigan. I return herewith the application form together with my check to cover the fee. In this connection, I have my federal permit which has been extended by the Fish and Wildlife Service, under date of May 7, 1951, to cover the taking of migratory birds in Michigan.

I note what you say relative to the permissions to carry a gun in Michigan and through Dr. Van Tyne will contact the local conservation officer in advance relative to this. I have been looking forward for several years to some ornithological studies in your State and am especially pleased to carry this forward in the company of my old friend Dr. Van Tyne.

I am

Very sincerely yours,

A. Wetmore,
Secretary.

hs
Enclosure

Alexander Wetmore

birds unlimited

For scientific study and
permanent preservation in the U. S. National Museum, Washington, D. C.

By shooting

In the United States National Museum

#7861

general

Secretary, Smithsonian Institution

Gray

Hazel

64

6

3

188 lbs

Secretary, Smithsonian
Institution

Smithsonian Institution

Washington 25, D. C.

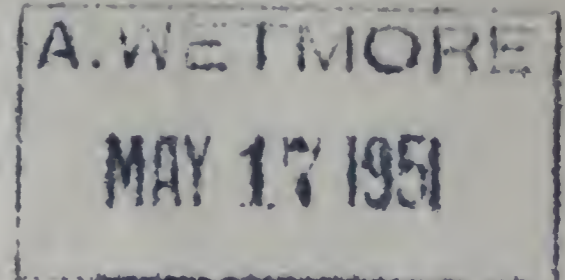
May 17,

51

UNIVERSITY OF MICHIGAN
ANN ARBOR, MICHIGAN, U. S. A.

MUSEUM OF ZOOLOGY

May 16, 1951



Dr. Alexander Wetmore
U. S. National Museum
Washington 25,
D. C.

Dear Wetmore:

Your letter of May 14 has just come.

I shall go north the morning of June 7, so your June 9 date would be excellent. (The June 21 date would be all right also, but, as I indicated, early June is a bit pleasanter.) I would suggest that the June 9 date is the one to pick, trying to keep the possibility of falling back on June 22 as a reserve date in case you should be forced to cancel the earlier one.

I note that a Michigan permit has been sent you. You can disregard that hunting license matter; I have a ruling in my file that no hunting license is required except for shooting ducks during the duck season. If you have not already filled out the blank they sent you, I would suggest that you just fill in "birds" in the space under "the following numbers and kinds" of birds. Also, you need not pay even the \$ 1.00 fee. That is not charged in the case of staff members of public institutions.

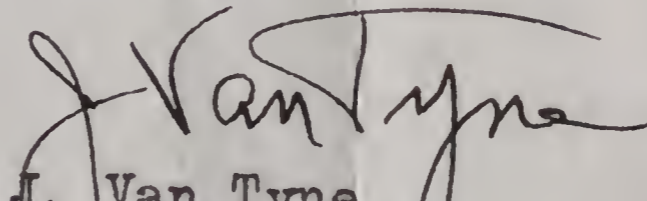
I understand fully that your plans have to be subject to sudden change, but I'll hope for the best and keep you posted on my telegraph address after I leave Ann Arbor.

The picture of Batchelder's home delights me. I have many very happy memories connected with it. You photographed it at just the right season. Earlier it would have looked a little bare; later it would have been partly obscured by leaves.

I just saw a remarkable stray bird. Rapp sent me a Clapper Rail taken in a muskrat trap at Stapleton, ~~Ne~~ Nebraska, in February. It proves to be crepitans! How do you explain that one?

Thank you very much for sending us the Shenandoah Valley list.

Sincerely,


J. Van Tyne

JV/mk

May 14, 1951

Dr. J. Van Tyne,
Museum of Zoology,
University of Michigan,
Ann Arbor, Michigan.

Dear Van Tyne:

Yours of May 10 gives me exactly the information relative to the Kirtland Warbler trip that I needed. I note especially what you say relative to time required between the airport and the railroad terminal in Detroit.

In the meanwhile, my New York date has now been definitely set for Monday, June 18 which cuts out that weekend. I can arrange to leave Washington on June 21, which would put me at Roscommon the morning of June 22. As an alternate to that, I could leave here on Friday June 8 to reach Roscommon the following morning, June 9, if that would not be too early for you.

I would appreciate your letting me know fairly soon so that I may have my schedule straight. I wish that I had time to drive up myself but that is out of the question.

Your advice relative to a warm coat and gloves is duly noted. I have now in hand the extension of my federal permit to include Michigan. If there are any formalities or charges relative to the Michigan permit let me know.

Yesterday was a beautiful day in the Shenandoah National Park where, in addition to a search for migrants which were very scarce, I participated mentally in the centenary of the discovery of the Kirtland Warbler by plans in anticipation of seeing and taking one myself. The weekend and a day or two previous were quite cool so that few birds were moving. I put in Saturday collecting some Purple Grackles in the Shenandoah Valley.

Dr. J. Van Tyne

-2-

May 14, 1951

When in Cambridge I came across from Harvard Square to the MCZ about 7:30 on the morning of May 1 and stopped on the way to take the enclosed picture of the Batchelder home at #7 Kirkland Street and send you a print herewith.

I must warn you in advance that my plans are always subject to change due to sudden calls before appropriations and other committees whenever Congress is in session. It will be well for you to give me an address at which I may wire you or telephone you after you leave Ann Arbor.

Sincerely yours,

A. Wetmore,
Secretary.

hs

P. S. The copy of the Shenandoah bird list will go to you under separate cover.

Enclosure

COMMISSION:

JOSEPH P. RAHILLY
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SECRETARY

STATE OF MICHIGAN



DEPARTMENT OF CONSERVATION

LANSING 13

P. J. HOFFMASTER, DIRECTOR

STAFF:

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LANDS
ARTHUR C. ELMER
PARKS AND RECREATION
S. G. FONTANNA
DEPUTY DIRECTOR

May 11, 1951

Dr. Alexander Wetmore, Secretary
Smithsonian Institution
Washington, D. C.

Dear Dr. Wetmore:

Dr. Van Tyne has requested us to issue you a Michigan bird collecting permit. We are doing this and enclosing the permit. We are also enclosing an application which we are requesting you to file to complete our records.

There is one complication in regard to out of state permits. It is generally assumed that in order to carry a gun in Michigan one is required to have a small game hunting license. The fee for a non-resident is fifteen dollars. Since this is excessive we have occasionally suggested that persons intending to collect in any particular part of Michigan contact the local conservation officer in advance so that there is no question of misunderstanding on this point.

Very truly yours,

H. D. Ruhl
Chief, Game Division

by

D. W. Douglass
Executive, Technical Staff

DWD:bl
Enclosure
cc: J. Van Tyne

STATE OF MICHIGAN
DEPARTMENT OF CONSERVATION

Permit No. 80

SCIENTIFIC COLLECTOR'S PERMIT

=====

Lansing, Michigan

May 11, 1951

Under the provisions of Section 38 (b), Chapter IV, Act 286, P. A. 1929, and the rules and regulations established thereunder, permission is hereby granted to

Alexander Wetmore

(NAME)

Smithsonian Institution, Washington, D. C.

(ADDRESS)

to take, possess, or dispose of, to authorized institutions or persons, for scientific purposes, the following:

Birds (including the usually exempted species)

Not later than ten days after the expiration of this permit, the holder is required to file with the Department of Conservation, Lansing, Michigan, a detailed report of all specimens collected or disposed of during the year.

The holder of this permit is required to carry his identification card with him at all times when collecting specimens as provided for on this permit.

The following species may not be taken under this permit:

~~Sandhill crane, whooping swan, loon, bald eagle, osprey, raven, pileated woodpecker, and kinglet warbler.~~

Unless revoked sooner this permit expires on December 31, 1951

P. J. HOFFMASTER
Director

BY H. D. Kull
26

DWD:bl
1-3-51
cc: Field Administration Division

Michigan

UNIVERSITY OF MICHIGAN
ANN ARBOR, MICHIGAN, U. S. A.

MUSEUM OF ZOOLOGY

May 10, 1951

Jun 9-17
Jun 21-26

A. WETMORE

MAY 11 1951

Dr. Alexander Wetmore
U. S. National Museum
Washington 25, D. C.

Dear Wetmore:

I am delighted to learn that you will be able to come out to Michigan in June. It will give me the greatest pleasure and I am sure I can show you some interesting country and good birds. Your proposed schedule seems a sound one, but do not cut your time in Detroit too close. The Willow Run Airport is more than 20 miles out from the Detroit railroad terminal (N. Y. Central) and that takes time, even though a considerable part of the run is on a super-highway.

You will need only your personal field clothing and equipment and collecting "tools". I will have a car and the roads are good and the distances not great. So we shall have comfortable sleeping quarters in tourist cabins or State Conservation Department regional headquarters. While I think of it, do bring a warm coat and gloves. We could have a really cold day or two. And I mean cold! I've seen heavy frost and even snow flakes in June up there. We also could have roasting hot weather!

I have written about a completely unrestricted permit for you and I anticipate no difficulty. I'll write you if we need to have you fill in any little blank -- or "blanket", as the Swedes called it.

I am going north about June 7 and any time after that will be fine. Other things being equal, I would advise some date before the last week in June. By that time the country is sometimes rather dry and definitely less attractive than in the earlier part of the month.

We shall count on your participating in the First National Kirtland Warbler Census! Mayfield is organizing a cooperative census of all singing males. You and I can handle some small section of it, but in the main I want to concentrate on some of the life history facts I still lack.

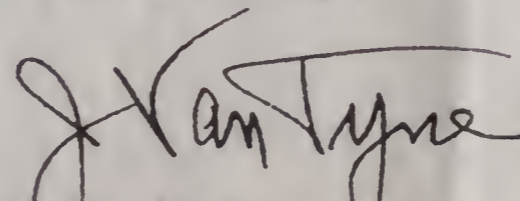
Yes, I have had a very good letter from Mr. Oehser about my request in regard to the warbler accounts I wrote for Bent. Thanks for your assistance.

That is very good news about Griscom and Bent. Isn't Bent amazing!

How can we get a copy of your Shenandoah National Park bird list for our bird library? We would like to have it.

Think of us on May 13. We shall be celebrating in some appropriate way the centenary of the discovery of the Kirtland Warbler!

Sincerely,


J. Van Tyne

JV/mk

May 7, 1951

Dr. J. Van Tyne,
Museum of Zoology,
University of Michigan,
Ann Arbor, Michigan.

Dear Van Tyne:

I am a little slow in answering your kind invitation of April 24 as I have had to hold off briefly until I could survey the horizon for other commitments. The only thing at the moment is a meeting of the Latin American Committee on Guggenheim fellowships that is to come the middle of June, for which the date is not yet fully established. I have, also, to appear some time before a Senate Committee on Appropriations but that may not be until later.

I looked into the matter of travel and find that I can leave Washington by air in the evening, cutting across by non-stop flight to Detroit in two hours. This would bring me there in ample time to get the night train for Roscommon. What I would like to do would be to leave here Thursday evening, reach Roscommon early Friday morning and remain there until Tuesday or Wednesday following. The actual weekend I would need to establish a little later on.

In the meantime, I am asking the Fish and Wildlife Service to extend my Federal permit to take migratory birds to include the State of Michigan, and will appreciate very much if you will take up the matter of the Michigan permit. My present Federal permit is #7861 issued October 12, 1950, expiring December 31, 1954. Any specimens that I take would be placed in the U. S. National Museum collection. If the request is not too embarrassing, I would like to ask permission for not to exceed three Kirtland warblers which would be prepared as skeletons and placed in the National Museum skeleton collection. It would be very useful to have representation of this species in that form. We have a fair series of skins.

Dr. J. Van Tyne

- 2 -

May 7, 1951

At your convenience, I would like to know a little more about the outfit necessary. In other words, will we live in camp so that I should bring a sleeping bag, or do you have other arrangements.

The Kirtland Warbler has long been on my list and it will be grand to look at it, especially in your company.

I was in Cambridge for two days last week and had a good visit with Pete; also saw Griscom twice and am pleased to report that he is in fair shape again. Peters and I drove down to Taunton and had lunch with A. C. Bent, who I am happy to say is full of energy and going strong. Batchelder had just gone to Peterboro for the summer so that I missed him. I wrote him a few days ago giving him one additional item for his Maynard bibliography from material in my files.

Mr. Paul Oehser, our editor, will write you soon relative to the material on the Kirtland Warbler that you have prepared for Bent's volume. This should go to press soon after July 1. Oehser will cooperate fully with you relative to material and proofs.

Sincerely yours,

A. Wetmore,
Secretary.

hs

P.S. Since dictating the above, I have telephoned the proper man in the Fish and Wildlife Service who will mail me the extension to my federal permit this afternoon. I have also looked over our series of Kirtland Warblers including those from the Fish and Wildlife Service collection to find that we have 16 skins, one complete bird, and two trunks in alcohol. Skeletons would make a very desirable addition but, as I said above, if there is embarrassment in asking permission to take these birds, please do not mention this in the application for my permit.

MUSEUM OF ZOOLOGY

A. WETMORE

APR 26 1951

UNIVERSITY OF MICHIGAN

ANN ARBOR, MICHIGAN, U. S. A.

April 24, 1951

Dear Wetmore:

I am glad to hear that you are back. I hope you had a good trip.

I am now planning several weeks of what may be my last work on the Kirtland Warbler before I turn in my big report. I wonder whether you could not manage to get west at that time and visit Michigan for at least a few days? I can get you a permit to collect and I can show you the Kirtland and its nests in considerable numbers. It would be great fun to be able to share it with you.

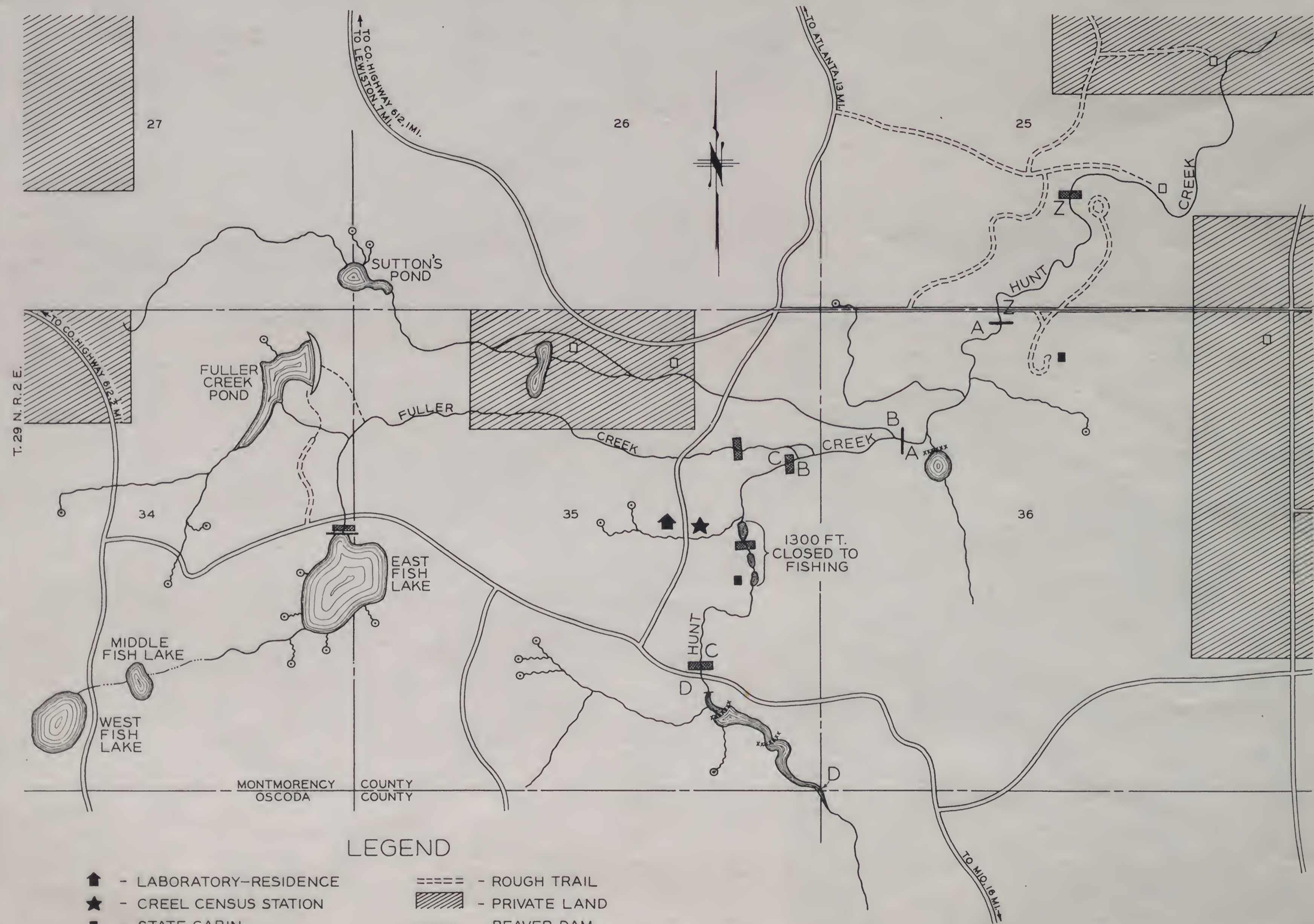
I expect to drive north from here about June 7 and be up there the rest of the month. A late night train from Detroit would land you in Roscommon early in the morning where I could meet you. Or I would gladly drive down to Detroit, Toledo, or any other place you want to mention. Do try to make it!

In the morning I leave for the Wilson Club meeting in Davenport, but I'll be back here by Sunday night, even with a day spent en route at 'Field Museum'.

Yours,

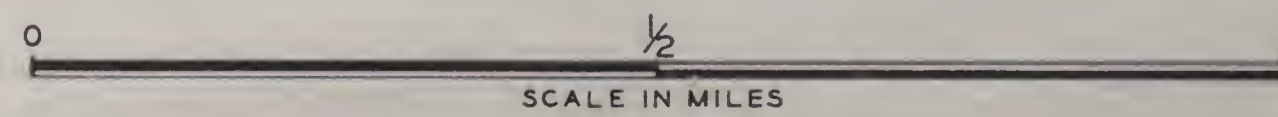
J. Van Dyke

MICHIGAN DEPARTMENT OF CONSERVATION
 FISH DIVISION
HUNT CREEK FISHERIES EXPERIMENTAL AREA
 MONTMORENCY COUNTY



LEGEND

- | | |
|--------------------------|-------------------------------------|
| ↑ - LABORATORY-RESIDENCE | ----- - ROUGH TRAIL |
| ★ - CREEL CENSUS STATION | ▨ - PRIVATE LAND |
| ■ - STATE CABIN | xxxxxxx - BEAVER DAM |
| □ - PRIVATE CABIN | A,B,ETC - STREAM SECTION BOUNDARIES |
| ⊥ - FISH TRAP-SCREEN | ○ - SPRING |



HUNT CREEK FISHERIES EXPERIMENTAL AREA

OBJECTIVE -- The Hunt Creek Fisheries Experiment Station was established in 1939 as a year-round testing ground and outdoor research laboratory where trained biologists might study brook trout and the effects of angling on a typical brook trout stream. The Hunt Creek drainage was chosen because of availability of state-owned stream frontage and also because of the variety of brook trout habitats present in the area.

State ownership has made possible various experimental restrictions and management procedures not otherwise feasible.

The purpose of the investigations is to find out by observation or by controlled experiments what methods of stream management will increase the quality of the brook trout angling and also preserve the species for the enjoyment of future anglers.

THE ANGLERS' PART IN OUR RESEARCH -- The best measure of an experimental procedure in trout stream management is how it affects the anglers' catch. Therefore, registration of anglers and collection of creel census records constitute an important part of the work each year. Such records provide a measure of the effects of changes in size and creel limits, and, in connection with marking experiments and year-round population estimates, reveal origin and movements of trout within the system. Creel census records compared with population estimates correspond to sales records compared with production schedules in industry.

RESEARCH HERE DURING THE LAST TEN YEARS -- has indicated that:

- (1) Natural reproduction is more than adequate in Hunt Creek;
- (2) Fall plantings of hatchery-reared brook trout fingerlings contribute less than 3% to the anglers' catches in subsequent years;
- (3) Stream improvement, properly carried out, can improve the quality of angling.
- (4) Tributary streams are not an important source of adult fish for main stream angling;
- (5) In the proper type of lake good brook trout fishing can be created by the elimination of rough fish populations.

Some of the other accomplishments of the station include detailed food studies of the brook trout by Dr. J. W. Leonard, who also identified new species of trout stream insects not previously described; an exhaustive study of the use of brook trout scales in age and growth studies of Michigan brook trout by Dr. E. L. Cooper; and the development by the past and present staff of the electric shocker as a substitute for seines in trout population investigations.

CURRENT INVESTIGATIONS -- include further study of brook trout movements in the main stream through the use of the recently-installed upper and lower screens, detailed year-round population studies on the brook trout population between these traps, trout lake and beaver pond population studies by means of netting, marking and recovery, and investigations of the effect of beaver dams on the fishing in dammed portions of trout streams.

REGULATIONS -- Except for about 1,300 feet of stream in Section C of Hunt Creek, all the waters on the map on the reverse of this sheet are open to angling. The posted waters, marked by Departmental signs, are open to angling under the following restrictions set by the Conservation Commission:

- (1) Each angler must first obtain at the checking station a daily free-use permit before fishing.
- (2) Each angler must report the results of his fishing at the checking station on conclusion of his angling.
- (3) Special regulations are to be observed in certain waters and such waters will be posted with appropriate signs. Otherwise the usual regulations for other waters of the state are in effect on the Hunt Creek Area.

SUMMARY, ANGLING STATISTICS, EXPERIMENTAL SECTIONS, HUNT CREEK, 1939-1949

	YEAR										
	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
TOTAL ANGLER-DAYS.....	438	505	1,015	800	311	340	375	753	607	504	593
TOTAL HOURS FISHED.....	780	901	1,546	1,267	540	640	637	1,206	872	869	1,415
LEGAL BROOK TROUT TAKEN.	492	406	722	543	378	364	315	439	187	492	698
TOTAL POUNDS REMOVED....	67	60	116	83	59	53	52	68	26	78	115
CATCH PER HOUR.....	0.63	0.45	0.47	0.43	0.70	0.57	0.49	0.36	0.21	0.57	0.49
AVERAGE TOTAL LENGTH....	7.5	7.6	7.7	7.6	7.5	7.7	7.9	7.7	7.6	7.7	7.8

SUMMARY, ANGLING STATISTICS, EAST FISH LAKE, 1939-1949

	YEAR										
	1939	1940	1941	1942	1943	1944	1945	1946	1947	1948	1949
TOTAL ANGLER-DAYS.....	63	111	155	159	121	311	436	430	344	287	283
TOTAL HOURS FISHED.....	126	308	386	289	200	651	928	935	711	853	1,024
LEGAL BROOK TROUT TAKEN.	51	172	242	367	69	108	169	93	89	117	91
TOTAL POUNDS REMOVED....	--	28	47	97	26	79	131	69	54	55	70
CATCH PER HOUR.....	0.41	0.55	0.63	1.26	0.29	0.17	0.18	0.10	0.13	0.14	0.09
AVERAGE TOTAL LENGTH....	--	8.0	8.5	9.0	9.3	11.2	11.9	11.5	11.1	10.4	11.6