

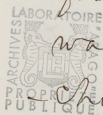
36.5-16.

United States Commission, Fish and Fisheries,

NOANK,
(New London Co.,) Conn

Washington, September 9, 1874.

Dear Sir. I have been very much interested in reading your account of the experimental station at Roscoff, & of the apparatus used. Further information as to your mode of working is desirable, ^{to me} as I have been engaged for some years past in somewhat similar labors while discharging my duties as U.S. Commissioner of Fish & Fisheries. For the purpose of making a complete survey of the marine fauna & flora of our coast, I have called to my aid Prof. A. E. Verrill of Yale College, New Haven, whom you doubtless know as an accomplished zoologist, & with the assistance of many professional gentlemen & students, we have been engaged for four successive seasons in our work. The first was, ^{passed} at Woods Hole on the south coast of Massachusetts, the second, in the Bay of Fundy, the third near Portland, Maine, & the present at the village of Noank, from which I now write.



We have had the assistance of a Steamer from the U. S. Navy, with suitable hoisting apparatus for the dredge & trawl, ^{and} with a large force of assistants. The result has been the bringing together of large collections, among them many new or rare forms, while the studies in the Laboratory have furnished details in reference ~~to~~ ^{the} embryological development & general natural history of many animal forms.

The results of our first year's work, have been published by me as a Report of the U. S. Commissioner of Fish & Fisheries, for 1871, in a volume of nearly 500 pages, with many figures. Of this I beg you will accept a copy, ^{to be procured} by making application for the same to Mr Gustave Boscange, Bookseller, Paris, & an agent of the Smithsonian Institution, if he has any on hand, or to Mr William Wesley, 28, Essex Street, Strand, London, in accordance with the request of the accompanying letter.

be the Assistant-Secretary of the Smithsonian Institution
I have charge of the National Museum.

Our collections, as you will readily understand from
the Report, when you receive it are very extensive, & em-
brace all classes of the animal Kingdom. Of therefore there
are any specimens from our shores which you desire to obtain
it will give the Smithsonian Institution great pleasure to
furnish them; indeed, I shall be happy to send to you a
general series of the collections made by my parties, if I can
obtain in return a corresponding series of objects collected
by yourself in the coast of France. This material would be
of much service to Prof. Verill in our identifications & com-
parisons, & what we can supply on our part, may per-
haps be of equal value to yourself.

Rendering my services in any way that they
can be available to yourself, I remain,

Very respectfully, Yours.

Spencer F. Baird

Comptroller.

Prof. Henri de Lacaze Duthiers,

Paris.

Address any communications
to Prof. S. F. Baird
Smithsonian Institution
Washington, U.S.A.

I write now more particularly in reference to what you say of sets of apparatus for research, as embraced in a single box, placed in each of the rooms of the Laboratory at Roscoff; & beg that you will kindly cause one of these to be fitted up & sent to me as a model, for which, ^{and its contents} I shall be most happy to pay, & to make suitable acknowledgment. It is my desire to have the most approved material at the Command of my parties; & your own experience, so much greater than my own, will be extremely valuable. I do not desire a Microscope or its lenses, as I am supplied with these, but the other articles to which you refer, such as the dissecting apparatus, needles, boxes of colors, knives etc, should be included. The box may be delivered

to M. Gustave Boppan, who will forward it to me at the Smithsonian Institution, Washington. The amount due will be sent at once, on notification
In addition to my functions as U. S. Commissioner of Fish & Fisheries, I have ^{also} the honor to

36.525.

United States Commission, Fish and Fisheries,

NOANK,

(New London Co.) Conn Washington, September 9. 1874.

Either Mr G. Boscange, Paris, or Mr Wm Wesley, 28 Essex Street, Strand, London, will please deliver to Mr H. de Lacaze-Duthiers a copy of my Report on the Fisheries of the United States, from any stock belonging to him in their possession.



Spencer T. Baird
Commissioner.

United States Commission,
FISH AND FISHERIES.

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Prof. Henri de Lacaze-Duthiers

Academy of Sciences

Archives de l'Académie des Sciences
L'Académie des Sciences
Paris

3 Sept

Paris
France.

LABORATOIRE
ARCHIVES DE L'ACADEMIE
DES SCIENCES
PROPRIETE
PUBLIQUE

1847
rue Vieille Chapelle 7
Paris a Las-fantelles Cadix
Dordogne



Washington, October, 20. 1874.

2069
Dear Sir: Your letter of the 28th of September was duly received, being forwarded to me from Hook to the Smithsonian Institution in Washington, to which I have returned for the season. I thank you very much for your extremely prompt response to my letter, & for the readiness you exhibit to grant to your fellow-workers in this country the benefit of your own experience. I shall be greatly indebted to you for as complete a set of the portable apparatus for research as you can furnish, & will be glad to wait your convenience for it, as I am in no special hurry. I shall also be pleased to have you add the microscope, with its accessories up to a lens of perhaps not higher than one-fourth. Please furnish me with the address of the maker, so that I may order additional powers if desired.

May I not beg from you the favor of a list of the apparatus that you use for making the collections themselves, so that I may ascertain whether any would be additional to our own standards?

It is my expectation to fit up a first-class working station at
the village of Woods Hole in Massachusetts, which constituted
the scene of the explorations on my part & that of Prof. Verrill
in 1871, to which reference is made in my Report, of which I
trust you have received a copy from Mr. Bophaux. If
unprocureable I will forward one from here immediately, or
on being so informed.

If it is your desire to obtain
marine invertebrates of the American coast it will give us
great pleasure to furnish them; & if there are any par-
ticular species needed immediately for comparison or examina-
-tion I beg you will mention them.

On my part, in behalf of the Fish Commission
of the National Museum in the Smithsonian Institution, I shall
be pleased to receive as full a series of the marine invertebrates
of the coast of France as you can send me, to be, of course properly
identified as types, for comparison.

If you can give me any idea of the cost of
the equipment referred to I will send the money at once, or Mr.
G. Bophaux will liquidate the account, in my behalf on receiving the
articles.

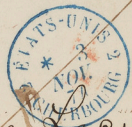
Are there any publications of the Smithsonian In-
stitution or of any bodies in the United States that you desire to ob-
tain? Please ask freely, as it will give me great pleasure to
aid you in procuring them.

Yours very truly,

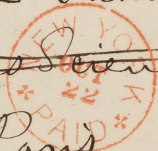
Spencer Baird

Prof. H. de Lacaze Duthiers
Académie des Sciences
Paris, France.

United States Commission,
FISH AND FISHERIES.



Prof. H. de Lacaze Duthiers,
~~Académie des Sciences~~
Paris
France





Mlle de Meille - Strasbourg 7

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SPENCER F. BAIRD,
Commissioner.

U.S. Commission of Fish and Fisheries.

Washington, D.C. Nov. 18, 1885.

Dear Sir:

I was much interested in reading the notice of the enlargement in size and widening of scope of your great seacoast station at Roscoff. Familiar as I am with its plan of inception, I am greatly interested in seeing the account just published in a recent number of *La Nature*.

The station of
the U.S. Fish Commission

at Woods Hole, Mass., in regard to which I believe I have had some correspondence with you, is also greatly expanded in its dimensions and efficiency, and I will endeavor to send you some photographs which will give you some idea of its present character. In addition to subjects of general biological research, it has recently been fitted out for practical work in the artificial propagation of the Gadus morhua and other sea fishes.

I now write to ask whether you can favor me with any detailed plans and descriptions of the Ross off station, so that I may appreciate it better than I now do after reading the more meagre article in La Nature. I would like to have this as full as possible.

I do not know whether you receive all the biological and other publications of the U.S. Fish Commission. If not, and you will advise me

and includes many memoirs on
by Merrill, Seale, Smith, and others
Machine constructed

what you have already,
I will endeavor to com-
plete your list. We are
now publishing, under
the Fish Commission
and the National Museum,
several thousand pages
annually of biological
matter somewhat pro-
fusely illustrated. In a
few weeks I expect to
distribute the memoirs
of the Fish Commission
steamer Albatross, with
a full description of all
its complicated apparatus
for deep-sea research.
This, also, is at your



service, if you wish it,
Can I not
make some arrangement,
in return for these
publications, to receive
the Archives published
by you, of which I
understand 14 volumes
have appeared? I can
furnish, I think, a full
equivalent, in bulk if
not in value, for the
same.

Packages in-
tended for the U.S. Fish
Commission should be
sent to the care of the
Smithsonian Institution,

through the Department
of International Exchanges
of the Ministry of Public
Instruction.

Yours truly,
Spencer Baird
Commr.

Prof. H. de Lacaze Duthiers,
Member of Institute of France,
Paris.



D

Smithsonian Institution

SPENCER F. BAIRD,
SECRETARY.

Washington D.C. Aug. 26, 1886.

Dear Sir:

Alexander Agassiz
has written us in
your behalf for some
specimens of *Lepadogaster*;
and, finding that we
have duplicates, we
take pleasure in for-
warding them to you
through our system of
international exchanges.

You may remember
my obtaining from you,
many years ago, a set
of apparatus used at

your laboratory at
Rockoff, so as to furnish
the necessary aid to the
investigator. Will you
kindly advise me
whether you have made
any changes in this
apparatus, of what it
consists, and what will
be the cost of a set; as
I am desirous of ordering
another, so as to get the
benefit of your great
experience in connection
with field research.

I am happy to
say that the Laboratory of
the U.S. Fish Commission

at Woods Hole, Mass., is now in full operation. It embraces a number of buildings fitted up for their purposes; and we are able to offer extra facilities for research. We have an ample supply of the best water to be found in America, and entirely free from sediment of any kind. It is at this station that Mr. Ryder prosecutes his work, and where his experiments in the practical hatching of the eggs of the codfish and the lobster

Smithsonian Institution

SPENCER F. BAIRD,
SECRETARY.

4) Washington D.C.

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Prof. H. de Lacaze Duthiers }
Sorbonne, Paris. }
Spencer F. Baird }

have been conducted.

I presume that you are in receipt of the annual volumes of the Fish Commission reports, which now embrace a great amount of biological matter. The last report has many descriptions and figures of new species by Prof. Verrill and others.

I have not had the pleasure of seeing the later reports of your station, and will be pleased to have them.