

Rec Oct 30
An Oct 2

Cambridge, Oct 25
1858

Dear Sir;

I take the liberty
of asking you a few
questions with regard to
some plants of this region.

I send a small package
by mail containing plants
numbered to correspond to the
numbers of my own collection.

No. 1. Was collected in a
shallow pool at Newport, R. I.,
where it was abundant. I

presume that it is *Isaetes*
Engelmannii without doubt.

No. 2. Is from Hammond's
Pond, Newton, near Boston. I
suppose it to be *I. echinospora*. Dear



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3. Was also found at Hammond
pond but out of water.

4. & 5. also from same locality.

no. 5 has only microspores
but probably the outer leaves
have fallen away, being late
in the season, and the
plant thus appears to be
approaching a monocious
condition, as far as I
can make out, the above
are all J. echinospora.

The Juncus is an
abundant form at Newport
Rhode Island near Mr. Grassie's
house. I suppose it must
be J. tenuis but it is not
the form common near
Boston.

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Yours, respectfully

W. G. Harlow.

30 Holyoke Street, Cambridge.



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Rec^d April 22^d - 1876

Boston, Apr. 19th.

Dear Sir;

I am much obliged for your very kind letter of Apr. 10th. Last summer Prof. Gray gave me some specimens of *Phoma uvicola* which you had sent him, and I have found that our own grapes are also attacked by it but not badly. You are, of course, familiar with De Bary's article ~~on~~ Ueber den sogenannten Brenner (Pech) der Reben in which he refers to your notice in the Proc. St. Louis Academy.

I should like to study the disease myself but it is not



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common enough near Boston to
make it at all probable that I
should be able to make anything
out of it. Do you not have an
abundance of *Peronospora*
viticola near St. Louis?

I hope you will not consider
it rude if I ask for information
on certain points of interest about
the fungi of your region. I should
like very much to find out
exactly whether *Sphaeria morboea*
is found on *Prunus Chickasa* and,
if so, to get a specimen, also a
specimen on *P. americana*. Do you
have what is called the pear
blight or the onion mildew near
St. Louis? If so, I should like
to get some specimens.

Yours, respectfully,

W. G. Farlow,

6 St. James Ave. Boston

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Rec April 14th 1877

Apr. 9th. Boston.

Dear Sir;

Your letter of April 1st was received a few days ago. With regard to *Aidium Tuckeri* there is a great deal of "glib talk" as you suggest but what is meant is very doubtful. There is one specimen in the Curtis Collection from Texas marked *Aidium Tuckeri*. From Washington one also hears a good deal about *Aidium Tuckeri* but that source cannot be considered reliable.

As a matter of fact, the *Aidium Tuckeri* of Europe is evidently only a conical



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form of some of the Erysiphe
and Tuckel thought it might
belong to *E. communis*. This is of
course a supposition on his part
but possibly it is a fact.

In this country it is quite
superfluous to speak of *Pidium*
Tuckeri. There is a conical
form produced on our grapes
which looks exactly like what
is called *Pidium Tuckeri* in Europe.
Our form, however, clearly belongs
to *Uncinula spiralis*, B. & C. (one
of the Erysiphe) a species
which is common from
Boston to Santa Cruz Cal. It is
not a sign of knowledge to speak
of *Pidium Tuckeri* in this country
but rather of ignorance for
what is included under that
name is the conical form
of *Uncinula spiralis*, B. & C. and



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in all probability nothing more.

Next year, beginning in July '77, I am to have a laboratory in Cambridge and shall only occasionally go to the Bazaar. If you have occasion to send anything to me after that date please send to Cambridge.

Yours, respectfully,
W. G. Fardow

6 Park Square, Boston.

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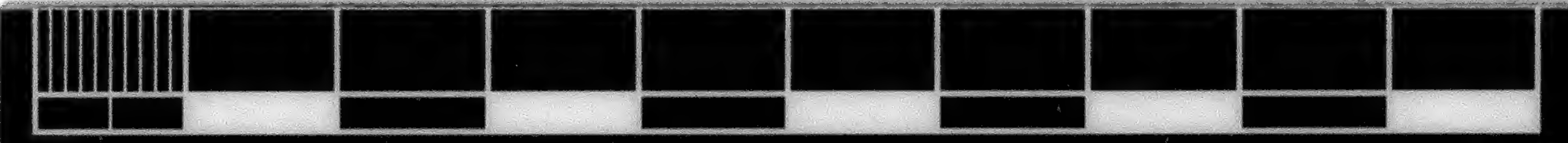
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Recd Feb 6 1880
Ans same by

Cambridge, Jan. 31.

Dear Sir,

Can you tell
me whether there is a
disease of the grape-vine
known as the rot in your
region? a question has
arisen as to what the
rot is. We have the grape
mildew and ~~some~~ other
diseases with us but I
do not know to what
pathological condition
to refer the rot.

I enclose a specimen from
the stomach of a patient
who has ulcer of the stomach.
The fluid contained rot



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only Sarcina ventriculi but
also Saccaromyces apiculatus.
I have sent specimens of the
latter to Berlin and the botanists
agree with my determination,
I have heard from Nordstedt
about some of the Charae
which I sent him. The form
looking like N. opaca which
I gave you, (from Cambridge)
he thinks may be N. acuminata
or N. proclaya but he is
not certain. I expect
Halsted in Cambridge again
before long and hope he will
review the Gymnospores
which are not satisfactorily
done.

Yours, respectfully,
W. G. Farlow.

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100 Apr 15 - 1880
Apr - 18 -

Cambridge, Apr. 12.

Dear Sir,

I am much obliged for a copy of the Remission of the genus Pinus which was given to me this morning by Prof. Gray.

I should like to ask a few questions about Nitellae. There are only two specimens of the species which Halsted called N. gelatinosa in the Gray Herbarium. Both were collected in the Santee Canal by Ravenel. This is what I understand you think is R. proclonga of Braun



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Hardenstam thinks that the
Nitella found by me in Cambridge
which looks like N. opaca but
which is monocious, may be
N. proclonga but he must be
mistaken. He only knows
N. proclonga by name and
has never seen a specimen.
Do you know whether N. proclonga
was ever described?

In the Gray Herbarium
are two large Nitellae collected
by Lindheimer in Texas and
one collected by Wright in
Western Texas. They are both
sterile and were referred to
Hardenstam as N. translucens. I
think that they are probably
the N. Lindheimeri of Brown.
Although they may possibly
have been his N. proclonga. I
cannot find any description.

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of N. Lindheimeri. Have you
any authentic specimens
of N. Lindheimeri? It is
very singular that Braun did
not mention the gelatinous
fruit of N. proclonga which
is certainly very remarkable
and resembles the fruit of
N. gelatinosa as figured
by Kützinger from Braun's
Specimens in the Tabulae
Phycologicae.

Another species troubles
me, N. clavata (a. Br.) Kütz.
I think I have it from
Mexico and possibly from
California. Have you
specimens of that species?

I hope that some time
or other a Characeae will
be straightened out but
just now it looks as though



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N. proclonga, N. Lindheimeri
and some others, from want
of a description by Boraun,
were in an equivocal position.
I am in correspondence with
Nordstedt who is well informed
on European species but I
hardly think he is much
acquainted with some of the
species from America to which
Boraun has given names.

Yours respectfully

W. G. Tarrill

No. 1000 - 1000 - 1000
with several

Sp. 1000



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Thurs April 25th

Cambridge, Apr. 21.

Dear Sir,
I should like
to ask if you recognize the
enclosed grass from Bermuda.
When I gathered it I supposed
that it was Polygou
littoralis but examination
shows that it is not a
Polygou.

The specimen from
salt water was Gymnococ
Manatorum. I looked over
all the genera near Gastere



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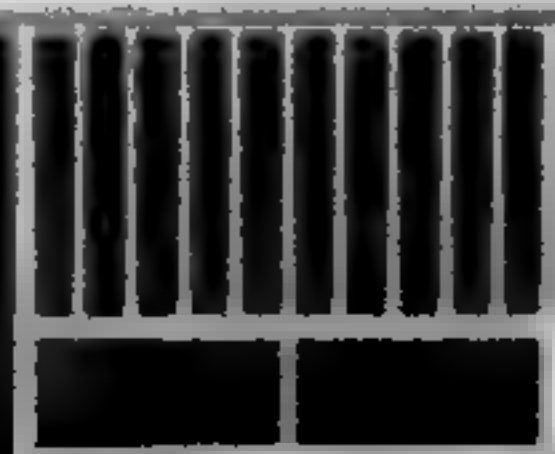


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except Cymodocea omitting
the latter because C. Antarctica
which I already knew had
such a different aspect. Mr.
Watson thought that it was
probably a Juncus and so I
sent it to you.

I enclose three Poetes
just received from Fr. H. Hasford
Charlotte N. I have not
examined the specimens. Probably
you have already received the
same things from Mr. Pringle.
Yours, respectfully
W. G. Farlow.

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there is a mistake, Nordstedt will
soon correct it. I presume that
there is no longer any doubt as
to what Brown meant to call
the Yantee Canal Nitella.

Yours, respectfully, W. G. Harlow.

rec May 5 1880
No - 21

Cambridge, May 2.

Dear Sir,

I am much
obliged for your two letters
which contained valuable
information for me. I was
already familiar with the
Char. Apr. and Char. aus Columbia
and it was in consequence
of the reference in the former
that I wrote about N. clovato.
I have a specimen from
Schaffner of San Luis Potosi
which may be that species.
I sent a piece to Nordstedt but
have not yet heard from
him. I presume the specimen



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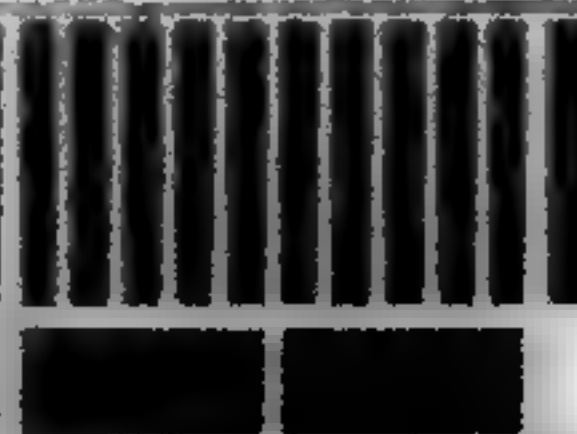
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from Bolander which seems
to me to be N. clavata is the
same as that in your herbarium.
In Herb. Gray are two specimens
glued down so that I cannot
~~conveniently~~ send them. They
are marked "San Francisco
Water Works". One is a foot
and a half long and somewhat
incrusted. The other is about
six inches long and not coated
with lime and is a bright
green colour. Very likely you
will recognize the specimens
in this note. The N. clavata is
principally of immediate
interest because Mr. Watson
has written the Characeae of
California for the Flora and
I have looked over the few specimens
which we have from California
and told him what I thought
they were. I think we cannot do
better now than to say N. clavata
with a description of our own and if

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Rec May 25, 1890
May June 2'

Cambridge, May 25.

Dear Sir,

Your package has just arrived and I have sent the Euphorbia to Prof. Gray. Yesterday, I heard from Nordstedt. He has received Braun's notes and drawings but did not say anything about Braun's specimens themselves. Nordstedt says that the specimens from San Francisco Water-works are certainly N. clavata and the form which I have received from San Luis Potosi (Schaffner) is N. clavata var. inflata. The doubtful form of Nitella from Cambridge



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collected by me in October 1879
is not yet settled.

Many thanks for the Charae.
I will return the drawings
in a few days. If I am not
mistaken, I understand that
you intend to have me keep
the specimens. If such is the
case, I am very much
obliged.

Do you want any
specimens of N. flexilis from
this region? I have an
abundance collected this spring.
I am now correcting proof of
a long paper and make no
excursions not wishing
to have any greater confusion
in my laboratory.

Yours, respectfully,
W. C. Harlow.

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Nov. 14 1880

Cambridge, Mass.

Dear Sir,

I am glad to hear that you are going to California. There is nothing which I should like more than to go to Puget Sound where the algae are superb.

About the Sphaeria Bidwellii, I would say that there are certainly asci and spores. I send a bit for you to examine. Whether the ascigerous form really belongs to the Phoma unicolor is a point about which I do not care to express an opinion. I have not been well lately



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and have not been able to
study Ellis's specimens
thoroughly. I have sent
Ellis's note to De Barry
and perhaps he will have
something to say on the subject
in the Bot. Zeitung.

Yours, respectfully,
W. G. Harlow.

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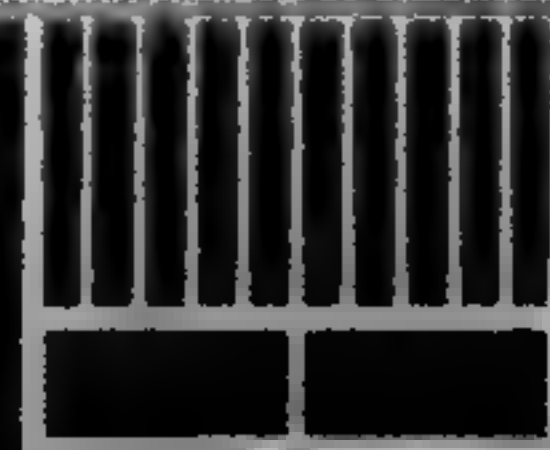
Rec. Nov 5^o

Cambridge, Nov. 5

Dear Sir, I am much
obliged for the specimens
which you sent. The
fungus on Claytonia is
Accidium Claytonetum, Schw.
The names of *Accidia* have
but little value, however, I
am afraid.

The yeast seems to
be the ordinary *Saccharomyces
cerevisiae* and is of interest
in enabling me to compare the
form found in St. Louis with
that used in this region.

Yours, respectfully,
W. G. Harlow.



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New Empire City Aug 13 1881

Ans Feb 9

Leicester Semple

Wood's Hall, Aug 6,

Dear Sir,

Your letter with specimen of fungus was received at this place where I am spending some time at the seashore away from books on fungi.

I have examined the specimen which is very interesting, It is, however, sterile and I can only say that the fungus consists of mycelium which may belong to a species of Favosia. On looking at it I expected to find the mycelium form known as Antennaria piniphila



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but I was mistaken. It is
not that species. There are
plenty of mycologists who
would give a name to the
mycelium you send and
perhaps make a new species.
I presume that you will
agree with me in not thinking
it necessary to do so.

The fungus reminds me
of some forms found on trees
which have been attacked
by insects, the fungus growing
rather on the insect remains
than the tree itself. Did you see
any insects.

You speak of the covering
of the lower branches where
the fungus alone is found
by the snow. Does not this
perhaps indicate that the
branches are killed by the

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snow, or the melting of
the snow, and that the
fungus then grows on them
as a saprophyte rather
than a true parasite.

Did you ever
receive a copy of my
paper on Gymnosporangia?
I should like very much
to get specimens of Peridermium
on Coniferae or Gymnosporan-
gia on Juniperus occidentalis,
or any notes with regard
to the distribution of Rocky Mt.
Roestelia.

Do you remember
a grass from Bermuda
which I sent you? I sent
a specimen to Prof. Gray
and in a letter just sent
from New York he says that
it is Koeleria phleoides.



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I shall not return to
Cambridge permanently
until the end of September.

Yours, respectfully,
W. G. Harlow.



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Rec Feb 17th 1882

By

Cambridge, Feb. 14.

Dear Sir,

Your letter of Feb. 9 was received yesterday. I hardly think that I shall be able to make much more of the Fumago which you sent judging from my experience of last summer.

I was very much interested in your remarks on Lactuca and Silphium and have sent a copy of them to Stahl. I did not know that you had read a paper on the subject at



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the St. Louis meeting. I looked
at the volume of the
proceedings for that year
but only found the title of
the paper without further
report. Was it ever published
as a separate paper? If so
I should like to read it. I have
looked for references the the
Torrey Bulletin and Bot. Gazette
but did not succeed in finding
any allusion to it. although
I may have overlooked
something in my notes,

Yours, Respectfully,
W. G. Farlow.

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