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About the Institute

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

TORREY BOTANICAL CLUB

NEW YORK, 30 Jan 1899

My dear Duggar

I have heard nothing from you
since I sent back the drawings. I must
make my plans for illustration ahead
and would like to know when
I can expect them. I do not need
to send the lot to Boston before
~~March~~ February 15th but need
to know at once if it can be
ready then.

Yours truly

L. M. Underwood.

Ithaca, N. Y., June 12 1894

Dear Mr. Engelm.

The Nixon fund is
all right, and Professor Bailey
says he thinks the prospect for the
future is as good as it ever was.
I am glad you have had this
proposition offer from Washington,
because it speaks strongly in
your favor & shows that you
are being recognized outside
of Cornell, which will, I hope, lead
to advance your interests here.
Everybody is looking for your
return here, & I think would
be for you much
as Professor Bailey told you
before coming -

JUNE 17 '99

Ithaca, N. Y.,

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The mycological Club has been
going on as it started. The weather
is not out yet, so there is
no "rush" from the outside.

I am working early late to try
to get the collection arranged
so we will know what we
have & where to lay our hands
on it. It is very dry, for
which I am thankful, for if it were
wet there would be too many
mushrooms in the woods!
A few fine things are however,
coming in. Dr. Post I believe
high, is sending me some
nice things & I expect more.

Yours
Geo. E. Atkinson



Abacall,
Aug 1 94

Dear Mr. Deegs.

I have received
your letter and the card from
Dr. Wagner. I am pleased to
learn that you had, through
the kindness of Dr. Wagner
such a good time in Berlin.
He is a whole-souled fellow
& I hope some time to see him
there. Summer school is thriving
but it keeps me too busy. I
should have more articles

Cautioning students in different
courses, I have 45. They
are nearly all good students,
one or two aggravating cranks.
A Molyner, grad. of Syracuse,
decided to register for graduate
work, & will meet in two summers
& then an autumn, for the
M.A. Term. He takes Morphol-
ogy, Micro. physiology as minor
subjects. Select some subject
upon which he can begin work
next summer & suggest
some reading for the autumn.
Can you also suggest some
work for Miss Fitzgerald for
this year in your absence.
With her advanced position
she ought to catch up.

for Botany in two years.

Now living at Syracuse College
for the period of the summer school,
& shall probably go to the University
for a winter at least.

With best wishes for your
continued success thank you
and my sincere
Sincerely,
Fred H. Atkinson

Prof. Dr. H. S. Guggen
Munich, W.
Bayerischer St.

Deutsche Reichspost



Postkarte

An

Herrn
Dr. B. M. Duggar
am Thurn, d. 4.
L. L.



in

Leipzig
Brüderstr. 1 III. Fl.

Wohnung
(Straße und Hausnummer)

Herrn Professor Herr Doctor! Berlin 8/6/89
Besten Dank für Ihre interessanten
Anmerkungen. Ich sehe mit Freude an
Ihre Bemerkung, daß Sie in Deutschland
in Leipzig werden und hoffe, daß
Sie bald mal nach Berlin kommen
im Nov. vor Anfang August, wo
wir Ferien haben. Vielleicht
kann man Sie zu Freitag d. 30. Jan.
den ich Sitzung in Deutsche
Boden. Gesellschaft hat. Mit besten
Grüßen Ihr ergebener C. Meissner

Forest Home,
Sept. 29, '99.

B. M. Suggar, Ph.D.,
Leipzig.

Dear Dr. Suggar,

Your welcome letter of Aug. 4, I have duly received. I had intended to write sooner but have been very busy and neglected to do so until it has become necessary. I say necessary because I must again take up the acclimatization work in earnest, and you remarked in your last that you were now convinced that we had not gone about it in the best way. Have you any suggestions to make re methods for my work in this line in the future? I am sorry to say that the summer's work has been lost on account of Corn's conscientious housecleaning of the culture room. I had prepared a large number of flasks all ready for inoculation when I left last spring and had arranged with Mr. Hasell to continue the work during the summer. The flasks were arranged in four sets, ^{and} all the necessary arrangements made, but towards the last of June Corn

Sept 29/99

had shuffled them all around several times and Mr. H. was unable to do anything. Had I known of the accident (incident) I could have given him the numbers of the flasks, but it was only this week I heard of it.

I have duplicates of the forms I used ^{last year.} I had a similar surprise with ~~several~~ ^{several} forms on beet plugs which I innoculated before leaving last spring. The conditions seemed identical with former innoculations but they made very little growth and ^{failed} to fruit. I am sure my cultures are pure. I don't understand it at all. They grow normally on sugar, beans, etc.

I don't imagine that I shall have time to do much research work this winter, but must, if possible, work out that problem with copper. My organic chemistry work promises to take up much time. Mr. Hasselbring says that it will take more than half my time. I hope he is mistaken. I assist in the laboratory sections during the fall term and have, or am likely to have Miss Luqueon, Mr. Benton and Prof. Godley (Oregon) in special physiological work. The two latter want culture work chiefly, I believe, and have

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at Xmas. I do not know, exactly what Miss F. wants but I presume the regular No. 15 Course. I trouble at attempting to teach Miss L., especially with the limitations of space and equipment at my disposal.

Richard publishes another article in the Bull. S.B. Club for Sept. His results are quite interesting. He is quite off, however, on the "normal sol" question or else I am. He makes out that 2% FeCl₃ = $.0006$ normal sol. I find that the best I can do is to get $.00082$ normal sol. This is the greatest divergence from my arithmetic, but in every case he is more or less out. He does not mention sterilization. Can it be possible that he did not sterilize his media?

I am well, and am very comfortably located at Fort Hare. I have made considerable progress in German during the holidays. The season has been intensely dry and have been unable to do anything on Politis, which ^{former} Prof. A. has desired me to make a special study for a minor. Prof. Hellmuth's son has registered in Course B. He graduates next year.

Very truly yours, J. F. Clark.

Ithaca, N. Y.

Sept. Oct. 4, '99

Cornell University.

Dear Dr. Suggs,

I write again soon because I am
puzzled. Both Miss Ferguson and Mr. Havelkin
want to take Physiology! Of course I would
not say please to discourage them, and I did not
try to do so, I simply felt my own limitations
and the limitations in regard to facilities and did
not encourage them. They, however, have decided
to take up the work, and the question is what
shall I do for them? Mr. Benton and
Mr. Erdley are taking the work but will be
leaving at Xmas, and wish culture methods
chiefly. I shall be pleased to give them
all I can in this line.

In regard to the other I am much in doubt.
A course in Exp. Phy. (qualitative) such as we can
offer at present with our limited facilities would be,
I feel sure, a very slim bill of fare for students
of the caliber of Miss F. or Mr. H. Besides, they
have both had some work along qualitative lines
and Mr. H. told me recently that he did not

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think he would care to do over again for the
1898th time a demonstration of a fact already so well
demonstrated that every one accepted it. I think,
Cornell University
however, that there is another side to this question
and were the facilities at hand for careful and fairly
sapid work it would well repay any student. It is
however a matter of doubt whether under present
circumstances I could make such a course pay
persons who have so little time to devote to it as
Mr H. and Miss S. have this winter. Miss S. has told
me that she would have but little time this year but
hoped to have more time next year. Prof. Atkinson
has asked me to suggest some suitable problems for
research. I suggested among ^{for mine} others, the Relation of
Psychotropic Movements to Gravity. There was quite
an extended paper published by Fischer in Bot. Zeit.
1890 (speaking from memory) on this subject and there
seems to be room for more careful work.
Unfortunately, I have not ^{on the part} ordered problems suitable
for research as I have not them, and most of
those I had on mind and suggested had a
distinctly chemical bearing and Prof. Atkinson
did not think Miss S. would care for much
chemical work, and indeed she would be in a
position to do much work involving estimation
of substances by chemical means this winter.
Now it seems to me that chemistry is at the

OCT 4, 99

bottom of Physiology every time. The Absorption
and use of various classes of organic compounds
by phanerogams was one suggested. I had
the Aldehydes especially in mind. The influence
of temperature and light on the composition of
the potato tuber, especially in regard to sugar
content and capability of germination, was another.
Physiology of the Latic in plant life was also
suggested, but all (except perhaps the last) and
several others, ^{suggested} imply more or less chemistry and
hence unmeasurable. Could you suggest a subject
for Mrs. Drasselberg? You are much more familiar
with the problems than I. Then, too, it is
quite possible that Mrs. Ferguson will wish for
further suggestions.

I fear that this letter, written in haste and
at three different times, is a very presentation
of the case - of my difficulties, I should say,
but I trust you will gather from it some
features of the situation.

Yours very sincerely

J. F. Clarke

B. M. Ferguson, Ph.D.,
Leipzig

Ithaca, N. Y., Oct 13 99

Dear Mr. Deegans.

Your letter of Sept 11. reached me soon after my return from the mountains of N.C. where we went immediately after the summer school.

I heard from Mr. Howard. Gen Sec of the A.O.S. that the Council of the Society endorsed your application for a table at Nobles, but they have no table. Mr. Howard suggested that you apply for the Smithsonian table. I wrote him only what would be necessary, & also asking him if he could not transfer your application from the A.O.S. to the Smithsonian. He wrote me that he had done so & had written also of the endorsement of the Council of the A.O.S. asking the gentleman to write me. I have him

OCT 13, 1899

Ithaca, N. Y.,

Waiting for several days hoping to hear
from him but have not. I gave
Mr Howard your address, thinking
he would ask Sachs. I sincerely
trust you might obtain it.

We open with large number of
students than ever before in the Univ.
My classes in 1. + in fungi +
Embryology are somewhat larger
than last year. You are having
I should judge a very pleasant +
profitable time. I am glad you are
visiting so many places. It will help
you + will also be a great pleasure
to look back upon.

My attention + the children
have not yet returned from N.C.
With kindest regards. You &
Sincerely yours Geo. S. Atkinson

Ithaca, N. Y., Dec 6 1899

Dear Mr Duggar.

I am very glad you have
joined it ~~profitably~~ at Dr Klebs laboratory.
I have wanted very much that you should
get the method of separation & culture
of the algae on artificial media. While
we could have developed it here, it is
still better to get a good start under
a man who has had the success that
Dr Klebs has. I am glad to know that
you have some cultures.

The organic chemistry also will
stand you in good stead.

I just heard from Mr Mor-
rall ^(in Dr. Henshaw's absence) that the appointment to the
Hofmeister has not yet been
made. I shall write tonight
to Dr Richard Rathbun & the

DEC 6, 1899

Ithaca, N. Y.,

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Smithsonian Institution who has it in charge.
I am wondering if they expect you to make a
personal application. If you know not you
had better do it, and refer to the action
of the A. A. A. S. in endorsing your appli-
cation, though they have no vote at this
disposal. I enclose Dr. Howard's letter.

I should like to know if you can tell me
when you expect to return, whether the last of
March, or in June or July. The Department
Station (Ninth) has changed the date of the
beginning of its fiscal year from March
to the First of July, the same date as
the Fed. Exploration Fund, since it will
simplify many matters. In Mr. Merrill's
affairment, he was appointed until July 1
1900, or until such time as you should
return, that is if you should return
earlier, Mr. Merrill would retire.
If you find it to your advantage to
remain, either for work or recreation,
so as to begin work here July 1, 1900.

DEC 6, 1899

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Ithaca, N. Y.,

1

It will be just as well since Mr Merrill can hold
the fact until that time.

I should like to know so that I can take
the proper steps at the right time for your re-
appointment. I wish to make an effort as I
told you to have you appointed Assistant Professor
with special reference to Plant Physiology.

I trust you feel that you can plainly see the
Botanical Dept. was in our present crowded quarters,
Professor Roberts asked me once, if he should suggest
urgently a new building, if it would not be well for
you to go into the new building where you could have
more room & better equipment. While there might
be some advantages to you for a time at least in doing
that, I think in the end it would be better for all
to hold together, it would inconveniently separate the
botanical work for you to be in a distant building. If we
all held together we can build up the botanical
dept as a whole better, and make a showing
wh. I hope will result in bringing us in
time a new building for botany & a botanical
museum, wh. might be located in just lo-
cation to the Agr. Bldg., for the mutual
convenience of the two. It will be possible
some when to give you more room. We may
have the lecture room all to ourselves.
We are thinking of taking some of my classes
work in there & we could fit up a
corner for your physiological apparatus.
With kind regards, Yrs. W. H. R. *W. H. R.*

The University of Chicago

Department of Botany

The Botanical Gazette

Dec. 11, 1899.

My dear Mr. Duggar:-

A few days ago I sent the drawings of your two plates to E. A. Funke, 38 Seeburgstrasse, Leipzig, who is doing the lithic work ^{original} for the BOTANICAL GAZETTE. I have now directed him to send you the proofs of these two plates as soon as he can possibly get them ready. Our previous experience with Mr. Funke's work leads me to expect that no corrections will be necessary upon the plates, or only very slight ones. If this is true of your plates I will ask you to return the ~~plates~~ ^{proofs} direct to the lithographer with your approval. I will also ask you to inform him of the number of separates which you desire. I have told him the number ^{of plates} required for our regular edition and you will specify the total number of copies of the two plates required, so that he may add this to the numbers which I have given him. If you fail to do, this you will be left without separates.

I am hoping to send you proofs of the letter press of your article within a day or two. We wish to publish the article in the January number and shall hope to get the plates in time to accompany it.

Yours truly,

W. R. Barnes
for BOTANICAL GAZETTE.

Dr. E. M. Duggar,
Leipzig.

*In case extensive changes are necessary
in the plates the proofs should be sent to me.*

B