



Hunt Institute for Botanical Documentation
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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.

Copy

Agricultural College July 28th /91
J. S. Daggan, Mr. S. graduated with
honor in the class of 1887, having
brightest grade.

He is a student & has considerable
culture, having been well grounded ~~before~~
in his early education before going to
College. At College he gave special
attention to theoretical & practical
Agriculture, in all its branches. Is both
a good farmer & practical dairyman.
Since leaving College he has kept up
his studies & practical work in Texas,
Ala. N. C. & S. C. He is also a good
writer & fluent speaker & lecturer in
Agriculture. I know of no gentleman
of his age better fitted to fill a
chair of Agriculture or take charge
of an Agricultural Experiment
station. He is industrious & pains
-taking & with all a most high
toned gentleman whose example

& bearing would influence for good
all young men coming in contact
with him

Signed J. D. Lee President

ALABAMA POLYTECHNIC INSTITUTE,

Auburn, Ala. July 30 1892

Confidential.

Dear Mr. Duggar,

I do not know that there is any possibility of a recommendation being acted upon which I have just made to Dr. Brown, but I would like to know if you could be relieved from Ulmington if he should want you to teach the Senior Class here in my work & continue through the year same experiment I have already started, under my direction, & if you would yourself like to make the change. My recommendation

is this, that I suggest you are free to do this. That for the season you go to Harvard, & the 2nd year come back here & take full charge to start at \$1500.00, the 3rd year. My idea is that you can work into the place as well as any

July 30, 1892

other young man, showing getting well
started would be less likely to be
drawn elsewhere than a northern
man because of local attractions
north & the State & South.

How does it strike you?

Sincerely,
Geo. F. Atkinson

Ithaca, N. Y., Dec 29 1892

Dear Mr. Duggar.

Your letter was duly received and I am pleased to learn of your determination to go north next year. If you saw fit I should of course be very glad to have you here. But you must go where it is to your interest and where you can find the special facilities for study you desire. Perhaps this, coming year you can secure something at Harvard.

You probably do not need to be told that I am very busy. I am taking no housework during the Holy days, even washing, I am sorry to say most the time on Sundays, for my organisms need feeding as well as cattle, pigs, etc! But there is an unusual rush of work. I had my final report to present to Dr. Mann for a bulletin on Cotton diseases & yesterday I sent him by express

103 pages of manuscript and have
25 pairs of illustrations in the
Lithotype Engr. Co's hands for the same
work. I am also carrying along my studies
of catarrhal rot, trucking, damping off,
wilt organisms etc from the Society.
They have been visited in the Facing
houses of the Hort. Dept. here with an
unusually great number of diseases & have
consequently called on me a great deal.

A new disease of tomatoes struck them
this autumn which was very mysterious.
I know it quite well in French now. It
looks like a fungus growth to the eye on
the plant, but is only a hypertrophy, or
abnormal turgescence of the cells in
certain parts of the plant producing
superficial cushions of very soft tissue
which eventually callous and the plant
then dries up or sprays & again.
I can produce the trouble artificially
by taking cuttings of tomatoes & con-
necting them by means of rubber

GEO. F. ATKINSON,
ASST. PROFESSOR CRYPTOGRAMIC BOTANY.

CRYPTOGAMIC BOTANIST TO EXPERIMENT STATION.

Ithaca, N. Y., 189

taking with the hydant + turning
on 30 lbs water pressure. It's
really a "dropsy" of the plant, induced
by excessive root absorption in com-
parison with transpiration, along with
high artificial suction of the tomato
plant which has led to the production
of thin walled tissue. As control ex-
periment I have separated ^{about a}
dozen organs from the ^{plant in} later stages
of the disease + incubated with them
with no result.

~~Another tomato disease~~
seems to be due to bacteria, a Micrococcus,
+ my incubations from pure culture of that
seems to be taking effect. At least
Prof Bailey says I have produced the
disease. Then I am sick in
Constatia disease, a new Anthracis
of *Ligustrum*, and with my

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My time pretty well taken
up. - I walk 4 miles a day up and
down Buffalo Hill. Day before yesterday
Mercury 15° below zero. I wish if you had
you here to help me. I hope you
will write me of your work and of
all your plans. Have you gotten
your study of the development of *Ranunculus*
acris in such shape that it
could be published? If so I think you
ought to publish it.

Yours truly
Geo. F. Atkinson

Ithaca, N. Y., Mar 8 1893

Dear Mr. Deaggar!

Yarrilleth is just returned and I
have written additional testimony to Mr Cobb
concerning your later work in studies of
the development of R. coss.

I hope you may get an opportunity
this time and since Dr. Farlow will be there
I look more closely after your interests. I
feel quite sure you will succeed.

If it should transpire that you
should not, I hope you will make a strong
effort to come here. I am quite sure
I could guarantee you at least \$100.00
during the year for writing, cataloguing,
and making drawings from microscopic objects,
at 15 cts (at least) per hour, if you cared to
do any of that work for remuneration.

As to opportunities for work here, I
think you would have a great opportunity

And we give good work here
and then you -

Mar 3 1893

Ithaca, N. Y., 189

with what you would have at Harvard, with
 their greater advantages in herbaria and
 library. In some other respects the ad-
 vantages here would, I think, be superior.
 We probably have here the best methods
 in the country for histological study, & this
 winter I have succeeded in adopting them to the
 study of the development of the archegonia of
 ferns, their fertilization, & development of the
 young fern plant. With the botanical
 conservatories and those of the Horticultural
 Department, which is the best of its kind
 in America, there is opportunity for
 considerable work during the winter of
 a nature which the rigors of winter
 prevent being accomplished out doors.

Then I have now all the better bodier
 logical apparatus which I had at Auburn,
 having partitioned off a ^{glad} cutting room, where I
 have a Rohrer's large thermometer, etc.
 I do not think spring can

MAR 3, 1893

Ithaca, N. Y., 189

possibly bring me any more work than
the past winter has - I am just finishing
writing up my Memoir on a teratological
growth of *Lycopodium* - There
are 7 or 8 plates, and will be
50 or 70 pages of manuscript.

My final bulletin on Catarrh diseases, I have
just finished making the proof of, and there
are 64 printed pages of it - in a
few days I hope to send you a paper
on Carnation diseases. In May there
will probably be begun in the Botanical
Gazette my Contributions to the Biology of
fish organisms of *Leguminosae* tubercles.

Baird's all this. My current volume contains
some beautiful things in the way of de-
veloping fungi, which I will get
out some day -

Let me hear from you so soon
you leave your fate at Harvard, or
at any other time you may find time or
inclination to write - Yr. Geo. F. Atkinson

Ithaca, N. Y., May 14 1894

To the Chancellor of the
University of Miss.

Dear Sir,

I have just learned that
Mr B. M. Duggan, now of Harvard University, is
an applicant for the newly created Chair
of Natural Science at your University.

I regard Mr Duggan as eminently
fitted for the duties of that position, and
would urge you to give his application
a careful and favorable consideration.

I first knew Mr Duggan when
he was a pupil and tutor in my
Department, at the State Polytechnic
Institute (A & M College) of Alabama,
where I was located for three years.
He came there as a graduate of the
A & M College of Miss. He is
a very brilliant young man & possesses
remarkable taste & ability for scientific

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study & research. During the year he was with me he carried on a piece of original research, the results of which were published in the Bot. Gazette, the leading Botanical Journal of America.

For the year he had charge of the student in their laboratory work which he conducted successfully & was respected by the students.

He then spent one year as Asst. Director of the Uniontown Station in Ala. which gave him excellent experience in administrative affairs. This position he resigned to accept a scholarship at Harvard Univ. where he is now.

As you know, Mr. Suggs is a southern man, of excellent family, his father I believe being a

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ministry. His acquaintance then with
Southern people + customs with some
experience in teaching Southern young
men, + his wide experience in
study of methods of teaching + investiga-
tion, eminently qualify him for
the position. He is gentlemanly,
moral, exceedingly well bred, + of
pleasant manners. All this, in
my opinion, make him a far safer
man to employ than one of equal
ability + finish who has not enjoyed
the experience wh. Mr. Duggan has in
the South.

Very respectfully yours.
Geo F. Atkinson.

POSTAL CARD - ONE CENT.

United States of America

THIS SIDE IS FOR THE ADDRESS ONLY.

Mr. B. M. Duggar.

Cambridge,

Mass.



Ann Arbor, Mich. 1-27-95.

Dear Sir:

Please accept my thanks for your
interesting paper on *Urebe Polypodium* recently
received.

Yours truly

L. N. Johnson.



Worcester Mass Feb 6 - 94 -

Dear Mr. DeCasper -

Thank you for the article
on *Uredo Polypodii*. I am glad to
see you continuing your good botanical
work.

I hope you received the
Melampsora scolopendri (?) which I
sent with material to Dr. Farlow.

Is my determination right? This is a curious
thing. On first sight one would take it
for some *Gloeosporium*, & it has been
so described. I hoped you might
induce it to germinate, but probably it
has been very too large. I wish I
had known what it was when
I first laid hands on it -

What are your prospects
for another year?

Very sincerely yours.

Geo. H. Atkinson

HARVARD UNIVERSITY,
CAMBRIDGE, MASS., *May 22, 1895.*

DEAR SIR: —

I am happy to inform you that the Faculty of Arts and Sciences has nominated you for the appointment to

a Thayer Scholarship \$300.,

for the next academic year.

If your nomination is confirmed by the Corporation, as it presumably will be, you will be expected to file registration papers at 5 University Hall, on Thursday, 26 September 1895, and to present then or soon after, for the approval of the Administrative Board of the Graduate School, a written statement of your plan of study for the year. Please acknowledge the receipt of this notice at once. It is of importance to the Faculty that you should accept or decline your nomination without delay.

Very truly yours,

Richard Cobb

Assistant Secretary.

Mr. B. M. Duggar.



THE FACULTY OF ARTS AND SCIENCES

— OF —

HARVARD UNIVERSITY.

CAMBRIDGE, *May 29, 1895.*

Dear Sir:

*I have the pleasure of informing you that you have
been appointed to a*

Thayer Scholarship

for the year 1895-96.

Yours sincerely,

H. S. Hozan

Acting Secretary of the Faculty.

Mr. Benjamin Minge Duggar, S. M.