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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.

Butler University

INDIANAPOLIS 7, INDIANA

MAURICE O. ROSS, PRESIDENT

DEPARTMENT OF BOTANY

RAY C. FRIESNER, PROFESSOR
JOHN E. POTZGER, ASSOCIATE PROFESSOR
C. MERVIN PALMER, ASSOCIATE PROFESSOR
MABEL M. ESTEN, INSTRUCTOR
CHARLES F. HILL, INSTRUCTOR
CHARLES W. REIMER, LECTURER

THE HERBARIUM

RAY C. FRIESNER, CURATOR
C. M. PALMER, PHYCOLOGY
J. E. POTZGER, AGROSTOLOGY
W. A. DAILY, PHYCOLOGY
FAY K. DAILY, CHAROPHYTA
WILLIAM HOMEIER, ASSISTANT

January 24, 1948

Dr. S. J. Sier
Department of Biology
William Jewell College
Liberty, Missouri

Dear Dr. Sier: -

You will probably be disappointed, but the two specimens you sent to me were not Charophytes, but are members of the Hornwort family, *Ceratophyllum demersum* L. I wonder if you are still interested in preserving them and if so, would you like for me to return this material as I am not keeping a collection of the higher aquatic plants.

It would please me very much to have copies of the pictures you took of Dr. Kerner and me at the Chicago Museum when we were there in December. If it would not be too much trouble for you to obtain copies, would you send me some? Please send the cash, too, so that I could pay you.

Hoping that all is well -

It was nice renewing our acquaintance!

Sincerely,
Fay Kinoy Daily

Butler University
INDIANAPOLIS 7, INDIANA
MAURICE O. ROSS, PRESIDENT

DEPARTMENT OF BOTANY
RAY C. FRIESNER, PROFESSOR
JOHN E. POTZGER, ASSOCIATE PROFESSOR
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W. A. DAILY, PHYCOLOGY
FAY K. DAILY, CHAROPHYTA
WILLIAM HOMEIER, ASSISTANT

June 25, 1949

Dear Dr. Sier:-

The collections you sent are sincerely appreciated.
The identifications are:-

103. *Chara sejuncta* A. Br.

104. *Tolypella intricata* Leonh.

The *Tolypellas* are always especially welcome
as they do not seem as plentiful as some of the
other members of the *Characeae*.

It will be nice to meet Alvin Bridges.

Hoping to continue on your duplicate specimen
list —

Sincerely,
Fay Kenoyer Daily

Butler University

INDIANAPOLIS 7, INDIANA

MAURICE O. ROSS, PRESIDENT

DEPARTMENT OF BOTANY

John E. Potzger, Professor
Ray C. Friesner, Professor
C. Mervin Palmer, Associate Professor
Mabel M. Esten, Instructor

Dec. 29, 1949

THE HERBARIUM

Ray C. Friesner, Curator
C. M. Palmer, Phycology
J. E. Potzger, Agrostology
W. A. Dally, Phycology
Fay K. Dally, Charophyta
William Homeler, Assistant

Dr. L. J. Siev
William Jewell College
Liberty, Mo.

Dear Dr. Siev:-

It was nice hearing from you, and nice to receive the specimens of Charophyta. Thank you very much. The identifications are:-

108. *Chara foetida* A. Br. [If one wishes to be more explicit - *Chara foetida* ~~was~~ sp. *gymnophylla* A. Br. or *Chara vulgaris* L. sp. *squamosa* (Desfontaines) Zanev.] I tend toward lumping varieties and subspecies, however.

123. *Chara gymnopus* A. Br.

122. *Chara gymnopus* A. Br.

My husband and I wish to extend the Season's Greetings —

Sincerely,
Fay Kenoyer Dally

Butler University

INDIANAPOLIS 7, INDIANA

MAURICE O. ROSS, PRESIDENT
Dec. 8, 1952

DEPARTMENT OF BOTANY

Ray C. Friesner, Professor
John E. Potzger, Professor
Rex N. Webster, Associate Professor
Mabel M. Esten, Instructor

THE HERBARIUM

Ray C. Friesner, Curator
C. M. Palmer, Phycology
J. E. Potzger, Agrostology
Rex N. Webster, Mycology
W. A. Dally, Phycology
Fay K. Dally, Charophyta
William Homeler, Assistant

Dr. L.J. Gier
Liberty, Missouri

Dear Dr. Gier:

It was a pleasure hearing from you again. From your letter, it certainly sounds as if you are kept quite busy.

Last August the paper bringing to date my work on the Characeae of Indiana was finished as a thesis for a M.S. degree. I hope to condense the material for publishing soon.

No we are not attending the A.A.A.S. meeting at St. Louis this month. I am sorry we miss some of you botanists this way, but the phycologists met with the A.I.B.S. meetings at Cornell in September, so we attended those meetings.

The identification of the specimen of Chara is: Steyermark 72737) Gier 5841---- Chara hydropitys Reich. in Mössler

I wonder if you had met Dr. Friesner, head of our Botany Department. We are greatly saddened by his recent death by coronary thrombosis.

Please write when you can. Thank you very much for the self-addressed envelope. Was I to keep the specimen? I presume so, if not, please advise me. I may, of course, receive one from the Chicago Museum, if it is not already in some material still to be done here.

With best regards from Mr. Dally and me and wishing you a merry Christmas and happy New Year

Sincerely,
Fay Keszler Dally

Butler University

INDIANAPOLIS 7, INDIANA

MAURICE O. ROSS, PRESIDENT

April 25, 1953

DEPARTMENT OF BOTANY

Ray C. Friesner, Professor
John E. Potzger, Professor
Rex N. Webster, Associate Professor
Mabel M. Esten, Instructor

THE HERBARIUM

Ray C. Friesner, Curator
C. M. Palmer, Phycology
J. E. Potzger, Agrostology
Rex N. Webster, Mycology
W. A. Dally, Phycology
Fay K. Dally, Charophyta
William Homeier, Assistant

Dr. L. J. Dier
William Jewell College
Liberty, Missouri

Dear Dr. Dier:

It is always a pleasure to hear from you!

It would have been nice having you here. We did not know that you were one of the applicants. We have not met the new man yet - guess he comes from Otterbein in Ohio. I guess Dr. Potzger will be the new head of the department officially in the fall. He has only about 4 years until retirement.

This time I will be of little use to you, I am afraid. The three specimens were of higher aquatic plants. I think one is *Myriophyllum*, but I ever dislike regarding a guess about the others. There are no fruiting bodies and the entire plant is not present in every case. Perhaps an expert in this group could help you, so I am returning the specimens.

Perhaps next time I can do better.

Sincerely,
Fay Kenner Dally

Aug. 3, 1953

Dear Dr. Gier:

#422

The Chara you sent is Chara globularis Shull. (= C. fragilis Desv.). Thank you very much for the specimen.

We have done little collecting this summer, too. I spent the early part of the summer revising my Characeae of Indiana for publication. After it was all ready for the publisher and on a desk out at Battell it disappeared; 2-0-0 I have just gotten off another copy to the publisher last week. There was so much else to do this summer that I have given up completing much of it.

Hope this finds all well there and keep me in mind when you find any charophytes —

Sincerely,
Fay Kenoyer Daily

Butler University

INDIANAPOLIS 7, INDIANA

MAURICE O. ROSS, PRESIDENT

February 8, 1954

DEPARTMENT OF BOTANY

Ray C. Friesner, Professor
John E. Potzger, Professor
Rex N. Webster, Associate Professor
Mabel M. Esten, Instructor

THE HERBARIUM

Ray C. Friesner, Curator
C. M. Palmer, Phycology
J. E. Potzger, Agrostology
Rex N. Webster, Mycology
W. A. Dally, Phycology
Fay K. Dally, Charophyta
William Homeier, Assistant

Dr. L.J. Gier
Department of Biology and Geology
William Jewell College
Liberty, Missouri

Dear Dr. Gier:

The two specimens of Chara sent recently from the Ernest J. Palmer collection are sincerely appreciated. They are:

4/2 56099. Chara globularis Thuill. (= Chara fragilis Desv.) *Lawrence Co.*
4/3 56100. " " " (" " " ") *Lawrence Co.*

There are no works coming under the category of "simple manuals" as far as I know for the Charophytes. However, the "Characeae of North America" by Charles Budd Robinson, Bul. N.Y. Bot. Gard. covers the genus, Chara. "A review of the Genus Nitella (Characeae) of N.A. by R.D. Wood, Farlowia, Vol. 3, No. 3, July, 1948, brings together the literature on the subject with key and descriptions. "Notes on the American species of Tolypella" by T.F. Allen, Bul. Torrey Bot. Club X (10&11) Oct. & Nov., 1883. is good for Tolypella. These should all still be available.

Under separate cover I am sending my latest paper, The Characeae of Indiana. Do you have my "Characeae of Nebraska" and "Species of Tolypella from Nebraska? If not I will send them if you wish. Your species are apt to be found in these. I have copious descriptions and illustrations which might help.

I am always glad to hear from you and appreciate the duplicate specimens.

P.S. "The Characeae of Nebraska" is necessary to have a complete set of descriptions + illustrs. for the Characeae of Ind. as it is cited when species are similar.

Sincerely,

Fay K. Dally

262 Durand St., East Lansing, Mich.
November 25, 1952.

Dear Professor Sier:

I was interested in your article appearing a few weeks ago in Turtox on the preparation of moss specimens. I cut out this article and thought I had safely laid it away for future reference, intending to try it out when I could get around to it. I have been unable to find the article, and am wondering whether you have a reprint I could have.

I have collected a number of mosses in this part of Michigan. I have no Missouri mosses, so perhaps we could make some trades. I still have a good deal of material to identify, so that I hope to increase my duplicate material.

Yours truly
H. T. Darlington

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

DIVISION OF
FOREST PATHOLOGY

January 25, 1941.

Dr. L. J. Gier,
Head of Botany Department,
William Jewel College,
Liberty, Missouri.

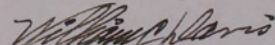
Dear Dr. Gier:

I wish to thank you for your reprints, "Flora of Crawford
County State Park" and more particularly for the one, "Root
Systems of Bright Belt Tobacco".

I was interested in your finding no evidence of correlation
between root distribution, pH, and moisture equivalent.

I regret that you were unable to stop with us during the Christmas
holidays. I wish you every success in your new job.

Sincerely yours,


WILLIAM C. DAVIS,
Assistant Forest Pathologist,
Civilian Conservation Corps.

WCD:mjm

Falkau bei Titisee,
Baden, Germany, French Zone.
Feb. 12, 1953.

Dear Prof. Gier:

Many thanks for your order and the enclosed cheque. Copies of my *Flora Haw.* are in New York City and I have instructed a friend of mine to mail you a copy. I am presently in Germany, but shall be back home in Hawaii most likely by early summer.

I do not know whether the Bishop Museum, Honolulu, Hawaii, still has copies available, but they printed Edw. Bartram's very fine monograph of the Mosses of Hawaii. Mr. Bartram, as I remember, lives in Fish Kill, Pike County, Pa.

Besides my *Flora Haw.*, I published my "Plants of Hawaii National Parks Illustrative of Plants & Customs of the South Seas." It sells for \$2.50. I also printed recently my "Naturalists South Pacific Expedition: Fiji." This sells for \$5.00. In it I describe the finding of a new plant family - in the Ranales - that now bears my

name. Should you want to purchase
copies for your Dept., please let me
know.

Do you want Mosses from
Hawaii when I later happen
to collect there again? Do
you wish Ferns & Flowering
plants from there? Some are
cotypes. I shall be back
in Berlin about April, where
I have a number of duplicates
how many I do not know.
I sell them @ \$10.00 per Century.

Have you seen Dr. Carl
E. Shreve's monographs about
Haw. plants. Many of my
friends are these descriptions.
He is at the Nat. Hist. Museum,
Chicago.

Thanks again for
your order. Aloha,
Otto Seeger

MAR 5 1908

Kansas State Teachers College

W. A. BRANDENBURG, A. M., LL.D., *President*
PITTSBURG, KANSAS

O. P. DELLINGER, PH. D.
*Dean of the College
and Graduate Division*

March 4, 1940

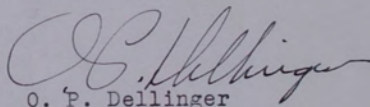
Mr. Leland Gier
Campbell College
Buies Creek, North Carolina

My dear Leland:

We here all rejoice with you on your successful completion of the work for your Doctor's degree. We are proud that you had the staying qualities to finish up. We are giving a little article to the Collegio and will mail you a copy when it comes out.

Best wishes to yourself and to your good wife.

Sincerely yours,


O. P. Dellinger

OPD:FH



THIS SIDE OF ENVELOPE IS FOR ADDRESS



Dr. L. J. Lier
Liberty Mo. ~~Biology Dept., Campbell College~~
~~Swain Creek~~
North Carolina

112 Bloomington,
Greencastle, Ind.,
April 8, 1941.

Dear Dr. Hier:

Will you please send
me a reprint of your paper, "Flora
of Crawford Co. (Kansas) State Park: Mosses"?
I would greatly appreciate a copy if
you have an extra, as I am building
a bryophyte library along with my re-
search on bryophytes. Thank you kindly.
Alvin H. Welch, Prof. of Bot., DePaul U.

MISSOURI BOTANICAL GARDEN

2315 TOWER GROVE AVENUE

ST. LOUIS 10, MISSOURI

PROSPECT 5567

October 14, 1949

Dr. L. J. Gier
Biology Department
William Jewell College
Liberty, Missouri

Dear Dr. Gier:

I wish to thank you for your papers, which
arrived during the summer. I look forward to
reading them with pleasure.

Sincerely yours,

Carroll W Dodge

Carroll W. Dodge
Mycologist

CWD/s

MISSOURI BOTANICAL GARDEN

2315 TOWER GROVE AVENUE

ST. LOUIS 10, MISSOURI

PROSPECT 5567

April 17, 1950

Mr. L.J. Gier
Liberty, Missouri

Dear Mr. Gier:

In reply to your letter of April 5, I have identified your number 110 as Physcia teretiuscula (Ach.) Lynge, although it is sterile.

Number 129 is immature but is a species of Dermatocarpon hepaticum (Ach.) Th. Fr. as that is the only species on soil which is known to ~~many~~ from your area.

Sincerely yours,

~~Carroll W. Dodge~~
Carroll W. Dodge
Mycologist

MISSOURI BOTANICAL GARDEN

2315 TOWER GROVE AVENUE

ST. LOUIS 10, MISSOURI

PROSPECT 5567

May 8, 1950

Mr. L.J. Gier
William Jewell College
Department of Biology
Liberty, Missouri

Dear Mr. Gier:

In reply to your letter of April 29, the specimen you enclosed is Dermatocarpon miniatum (L.) Mann v. fulvofuscum (Tuck.) Zahlbr.

The best book for identifying lichens from Missouri is Fink ~~and~~ Lichen, Flora of the United States published by the University of Michigan at Ann Arbor, Michigan.

The only list of Missouri lichens that I know of is by a former student, Edward C. Berry, A Preliminary List of the Lichens of Central Missouri, with Ecological Notes, Annals, Missouri Botanical Garden, Volume 24, 1937.

Sincerely yours,

Carroll W Dodge

Carroll W. Dodge
Mycologist

MISSOURI BOTANICAL GARDEN

2315 TOWER GROVE AVENUE

ST. LOUIS 10, MISSOURI

PERSPECT 5567

Dec. 19, 1953

Dr. L. J. Gier
Liberty, Mo.

Dear Doctor Gier:

I have identified your Hawaiian lichens as follows:

6263 *Cladonia Skottsbergii* Magn.

6264 *Pseudocyphellaria hawaiiensis* Magn. with yellow
pseudocyphellae and soredia on margins
Sticta (*Stictina*) *ambavillaria* (Bory) Ach. with
cyphellae (cup-shaped depressions) underneath

Sincerely yours,

Carroll W. Dodge

Carroll W. Dodge
Mycologist

MISSOURI BOTANICAL GARDEN

2315 TOWER GROVE AVENUE

ST. LOUIS 10, MISSOURI

PROSPECT 5567

June 3, 1954

Dr. L. J. Gier
Dept. Biology
William Jewell College
Liberty, Missouri

Dear Doctor Gier:

In reply to your letter of May 31st, I have identified the enclosed specimen as Pannaria mariana (Fr.) Müll.Arg. It is a very young thallus. I have seen material from the Marianne Islands up to 10 cm. in diameter with much larger apothecia.

I am not planning a paper on the Hawaiian lichens, although I have studied a lot of material as Magnusson & Zahlbruckner have published a flora. I have accumulated several new species which I may publish sometime.

Sincerely yours,

Carroll W. Dodge

Carroll W. Dodge
Mycologist

MICHIGAN STATE COLLEGE
EAST LANSING

DEPARTMENT OF BOTANY AND
PLANT PATHOLOGY

December 30, 1947

Mr. L. J. Gier
Department of Biology & Geology
William Jewell College
Liberty, Missouri

Dear Mr. Gier:

Your letter of 11-17-47 arrived about the time I was laid low with virus pneumonia and, with much other correspondence, was piled up awaiting my return to work. As a matter of fact, I am only just getting to the stage of feeling like work; but I hope to be strong enough to carry on this next quarter without undue strain. Unfortunately, I had to miss the Chicago meetings, an annual event which I try to attend.

In regard to the Bryophytes of Missouri, I am happy to learn that you are interested in studying them. I am sure that it is a rich and rewarding field of study which you will not regret embarking upon. Missouri is one state where many an interesting plant ought to turn up, especially in the Ozarks. What with Sharp's finds in Guatemala and elsewhere in Central America and Mexico, the relationships between such areas and the Appalachians should eventually prove to be reinforced by finds in Missouri.

I have a fairly large series of collections from the Ozarks, mostly identified and packaged, and upon which I had planned to report, but never did. Would you be interested in borrowing this material for working up a paper on the bryophytes of the Ozark region? If so, I should be very glad to ship the material to you, although you may also find duplicates at Missouri U. On second thought, there are probably some numbers at M.U. of which I do not have the duplicates, but I can check my records on this.

The paper to which I referred is one by Rickett et alia and was published in a number of the University of Missouri Studies about 1932. Since I am typing this letter at home, I do not have the exact reference; but I can check that for you later too. The M.U. herbarium has this material too.

Please write me again soon. I assure you that, barring the unexpected, I shall be able to reply much, much earlier!

Sincerely yours,

William B. Drew
William B. Drew

MICHIGAN STATE UNIVERSITY

OF AGRICULTURE AND APPLIED SCIENCE • EAST LANSING

DEPARTMENT OF BOTANY AND PLANT PATHOLOGY

October 25, 1955

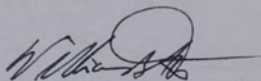
Dr. L. J. Gier
Department of Biology
William Jewell College
Liberty, Missouri

Dear Dr. Gier:

Just a note to say that with reference to your recent publication on Bryophytes of Missouri, that the collection number 18038 identified by Dr. Grout as Fissidens sublimbatus is in the herbarium of the University of Tennessee.

I think it would be worth your while to write to Professor A. J. Sharp at the University of Tennessee, to borrow the specimen identified by Dr. Grout as indicated above. My notes at the time indicate that the material was pretty scanty and scrappy, but there should be enough individual plants to make identity clearly established, even though there is not fruiting material present. What has happened to the other number, I do not know, other than it may have been a victim of the moving process during the late years of World War II. In any event, it seems to me that for the sake of the record, this particular item ought to be cleared up and promptly so.

Sincerely yours,



William B. Drew
Department Head

WBD:jls

and. XI/13/55



"IT IS FOR US THE LIVING . . . TO BE DEDICATED HERE TO THE UNFINISHED WORK . . ."

LINCOLN



COE COLLEGE

CEDAR RAPIDS · IOWA

Sept. 6, 1949

Dear Dr. Gier:

I Have looked over the Sphagnum that you sent some time ago and I think that it is *S. subsecundum* Nees. You said in your note that it did not seem to fit this species and I am curious as to your reasons. You see I do not know too much about these and when a careful person looks something over and does not come out at the same place that I do I begin to wonder about the care I have taken. If you have time and do not object I would like to know your reasons.

S. subsecundum seems to be quite variable as a look at the list of synonyms in Andrews will show. The things that I look for are the following: 1. Stem cortex of one layer, 2. chlorophyllose cells of branch leaves truncated ellipses or something close to that, 3. pores in the hyaline cells of the branch leaves of large number and small on the outer surface. This plant fits these nicely but the hyaline cells of branch leaves are pretty convex and of course the stem leaves are hemi-isophyllous.

You mention *S. missouricum* which is I assume that of Warnstorf and Cardot. That had me for a minute until I discovered that Andrews decided in his 1913 work that it is a syn. of *S. subsecundum*. How does it differ? Do you suppose that I could bed a piece of it from you?

If you have any more Sphagna I would certainly like to see them. I promise to be more prompt in the future.

Sincerely,

R.V.Drexler

I was sorry that I did not get to Lakeside this summer. I understand that you were there with Dr. Conard. You are lucky for he is the best. R.V.D.

may I have the Duplicate? If so thanks

SEP 8 AM '49



COE COLLEGE

CEDAR RAPIDS - IOWA

Sept. 10, 1949

Dear Dr. Gier:

I took a quick look at the Sphagnum that came today and it was good fun because I do not see this one very often. I think that you are very correct in saying that it does not fit what Blomquist has named *S. compactum*. It is not in the ~~*Acisphagnum*~~ Malacosphagnum at all but is rather in the *Acisphagnum* group. I looked rather carefully at the branch cortex cells which are supposed to have a pore in each cell in the Malacosphagnum as opposed to the retort type thing which is common in the *Acisphagnum*. This material sent fits the latter group so far as the branch cortex is concerned. The Stem cortex is hardly differentiated or at least it is thick walled. So I say that it is *S. recurvum* Beauv. as the only thing that fits very well.

I have some *S. recurvum* in my herbarium that to the naked eye does not look the least bit like this but some that does. I will have to take time to look it all over some of these days. When I do and if I find that I am wrong on our material I will let you know. I am really sure tho that I am correct in saying that this is *S. recurvum*.

I am inclosing the newest Sphagnum species turned up in Iowa. I thought you might like it. I will be glad to send other things that I have. I have collected in Ontario, Illinois, Missouri (some) Oregon, Wyoming, Tenn. and around

I like the stamps you always put on your letters. I am keeping stamps that strike my fancy, rather than admitting that I collect them.

Sincerely,

R.V. Drexler

R.V. Drexler

Iowa Lakeside Laboratory

August 6, 1958

Dear Dr. Sier,

It was fine to hear from you again and I was much pleased to have the *Sphagna* to look at. They were and interesting lot and were, as you indicated, mostly *S. subsecundum* Nees. I was particularly happy to have the fragments of *Sphagnum missouricum* Warnst. & Card. and *S. contortum* Schultz and the notes written by Andrews. As you know these were reduced to synonyms of *S. subsecundum* by Andrews. The pleasure of seeing evidence of a systematist at work in straightening things out had never before been mine.

Of the things you sent the following are *S. subsecundum*:
Ms. Bot. Gard. 1134, 297; 5305; 1136, 212, and 196 of Card. & Warnst.
I find that Ms. Bot. Garden no 1,021, 922 is best called *S. tenerum* Sull. & Leeg. I must admit that I have trouble distinguishing this from *S. capillaceum* var. *tenuis* but the sections of the ^{fragments} leaves look more like *tenerum* to me. They are very close if you will read the descriptions of the two in Andrews.

Your work tally sounds impressive and from your comment that you indexed the Bryol. 1-X reminds me to ask if the long ago prepared index is out of print.

I had a chance to come up here after summer school and I jumped at it. It is very fine to be here with the fine people and who are also fine bryologists. As you may know Conrad, Welch, Lawton and Whitehouse are here for the summer. There is a hum of activity and it is fun. I am sorry that I couldn't come last year when you were here.

May I ask if you remember where Blomquist published his N. Carolina paper? I would like to get a copy. I recently turned up a copy of "An Illustrated Handbook of the British Sphagnum" by William Robert Sherin. Published in 1927 in London by Taylor & Francis, Red Lion Court, Fleet Street. Price is 6/3 post free which is a little more than a dollar as I paid it. I must say that it looks complicated and is "split" while Andrews is perhaps lumped.

I am inclosing a S. teres from Iowa which I have along and which seems to be about all that I have which you do not, at least here. I can turn up some spores of Wulfenianum and Warnstorfii at home. (Don't have any different spores here) Send later.

I hope that the month delay was not too tiresome but I thought that I would save ~~this~~ for these sphagnum for Sale-side.

You are head now? Or were you before?

Congratulations

Yours truly.

R.V. Dreher



COE COLLEGE

CEDAR RAPIDS · IOWA

December 24, 1950

Dear Gier:

I looked at the *Sphagnum tenerum* from Europe again today and have decided that it really should be called *S. capillaceum*. As I said before the chlorophyllose cells are too big for those that I have come to expect in the *S. tenerum* of Sull. & Lesq. I should hasten to say that I do not have any material in my herbarium that is undoubtedly *S. tenerum* and Andrews understands it and I have a hard time thinking that there really is such. But until I know better I demand small chlorophyllose cells and inflated hyaline cells and elongate pores on the outer surface of the hyaline cells. This does not fit that bill.

I checked with Sherrin on the material and I am ashamed to admit that I did not notice that the *S. tenerum* in that work is of Warnstorf. There is an interesting tale about this in the Ann. Bryol. vol VI by Andrews. It seems that Warnstorf got some material from Austin that Austin had called *S. acutifolium* (capillaceum) and said that it was near *tenerum*. This note by Austin referred to *S. tenerum* of S. & L. Warnst. got hold of this and made it a full species *S. tenerum* (Aust.) Warnst. not knowing or caring that S. & L. had long since described a *S. tenerum*. The material of Austin was the prior *tenerum*. Apparently Warnst. later forgot about the characters and changed his idea of what *tenerum* should be. He based it upon the stem leaves having fibrils in the hyaline cells to the base. As it now stands *S. tenerum* of Warnst. is *S. capillaceum* or *acutifolium*.

While the European student ^{did not} say that he identified the material as *S. tenerum* Warnst. I suspect that he did since Europeans generally do follow Warnst.

Taking all this into account and my original doubt I would say call it *S. capillaceum* altho it is a sort of peculiar one at that.

I am going to try to get hold of some undoubtedly *S. tenerum* S. & L. and then perhaps I can get this straightened out. I know that others more able than I have trouble here.

I have been having trouble with Iowa material that seems to be *tenerum* and some that I would like to call *S. capillaceum tenellum* and then some just plain *S. capillaceum*. I really need to saturate myself in these and then perhaps I can get it straightened out. This *Acutifolia* group is a difficult mess, as are all the sphagna.

I hope that I did not cause too much trouble.

*I forgot to
mail this.*

Sincerely
Drexler
Drexler



COE COLLEGE

CEDAR RAPIDS · IOWA

December 19, 1950

Dear Dr. Gier:

This letter is partly a seasons greeting and partly a report on Sphagnums. I hope that you have a fine time this Holliday and that your Christmas Day at home will be as exciting as it bids to be at the Drexler house. Our four children are in a high state and I do not know that they will be able to hold out until the day. Or that we will for that matter.

I discovered a Sphagnum from Missouri that had been misplaced last summer. It was one collected by K. Mackenzie, without number, 7/17/1897 at Pleasant Grove in Ripley County, Missouri. I would call it *S. cuspidatum* Ehrh. as did Bush. I was somewhat in doubt because the chlorophyllose cells did not seem to match up exactly and were difficult to section because of the fine sand grains but it couldnt be any thing elsethat I know about.

The Sphagnum that you collected on the Foray in Ohio under your number 4182 is *S. imbricatum* Hornsch. var. *affine* (R. & G.) Warnst. It does look some what like *S. palustre* in the field, I could not tell the difference, but the chlorophyllose cells are much broader triangles than in *palustre*. The catch is here that there are no fibrillae over the chlorophyllose cells as for the species. I depend upon the broad chlorophyllose cells and the larger number of pores in the cortex cells of the stem. There are 5 or 6 in *imbricatum* and 2 or 3 at best in *palustre*. The var. *affine* has no fibrillae which when present can be seen in both the sections and in the surface views.

Of the Sphagnums from Europe that you have given duplicate numbers I have this to say: I cannot pass judgement upon the varieties and forms that are given but I would go along with the species in all cases with some notes on departures from the descriptions. no. 4288 is *S. riparium* without trouble at all as I remember. It fits as to stem leaves, as to stem cortex and as to shape of chlorophyllose cells. It is interesting to that the tips of the branch leaves are composed entirely of chlorophyllose cells. The dead reinforced cells are missing. It should be noted that the walls of these cells are thick, as can be seen clearly in cross section, and at first the tips look as if they are compose of both kinds of cells but the reinforcing bands are missing from the dead cells. A nice plant and thanks for the material.

Number 4189/ 4289 is *S. plumulosum* with some pain as I shall note. The main difficulty is that the stem leaves are fibrillose as to dead cells. This should not be except that this is a highly variable character in some other species so perhaps here too. The branch leaves have a very loose aeration that reminds me of some of the plants I have collected around here and I do not think that the branch leaf shape is particularly good for *plumulosum*, but what else can it be?



COE COLLEGE

CEDAR RAPIDS · IOWA

It has the very much convex hyaline cells of either *S. plumulosum*, *tenerum* or *tabulare* and possibly *capillaceum*. *Tabulare* is out because of the resorption of the marginal cells of the branch leaves (that is *tabulare* has the resorption). *Tenerum* is out because the chlorophyllose cells are too big and broad in this material and the pores are too large. We might make a case for *capillaceum*. Just frankly I have a time with what I consider a *S. capillaceum*, *tenerum* and now perhaps *plumulosum* complex. I must do a lot of work on that and see if I cannot find something to settle problems on. I once thought that the pores of branch leaves might do but I am not sure at all now. If I get any other hot ideas I will let you know.

No. 4290 I would let ride at *S. tenerum*. If I had gotten this here I would probably have called it *S. capillaceum* because the chlorophyllose cells are bigger than I expect and the pores in the branch leaves are not elliptic enough. The great convexity of the hyaline cells in x sec. might have decided me otherwise tho. But my word is not too good as noted above.

Your getting a green house sounds fine except for the work of taking care of it and putting it into shape. I can imagine that you do not have a lot of spare time to take on extra projects. We hope that we may some day have a little space under glass. It would be a big help but no doubt a care Dr. Conard always refused to take the responsibility of caring for one.

I should have liked to have met you on the foray. There are some other bryologists that were there that I should like to meet some day. I wrote to Blomquist for a reprint and I am anxious to have it.

Again thanks for the fun of looking over the Sphagnums and for the stamp. Have a good time this vacation.

Sincerely,

Drexler

Drexler

CHICAGO NATURAL HISTORY MUSEUM
FORMERLY FIELD MUSEUM OF NATURAL HISTORY
ROOSEVELT ROAD AND LAKE SHORE DRIVE
CHICAGO 5, ILLINOIS

15 October 1948

Dear Dr. Gier:

Thank you for the lot of algae collected by Mr. Bridges. I inclose a list of what each specimen contains. They are not all the same thing, but very few species are represented. I have taken the liberty to throw away all those marked "sterile Spirogyra" or "sterile Oedogonium". You will hear of the diatoms some day when Dr. Patrick looks them over and names them. Please excuse the poor typing, which is my own; but I trust that the meaning is clear in the list.

I am leaving next week on a collecting trip along the Gulf of Mexico and shall not return until January. I shall regret missing you during your visit here in December. The cryptogamic herbarium will be open throughout my absence, and I think that you will lack nothing to make your stay as profitable as you wish to make it; Mrs. Schugman will be on hand and will see that you have space to work, microscope, etc.

With best regards and wishes, and looking forward to seeing more of your Clay county algae in the future,

Sincerely,

Francis Drouet

Francis Drouet
Curator of Cryptogamic Botany

CHICAGO NATURAL HISTORY MUSEUM

FORMERLY FIELD MUSEUM OF NATURAL HISTORY

ROOSEVELT ROAD AND LAKE SHORE DRIVE

CHICAGO 5, ILLINOIS

30 March 1949

Dear Dr. Gies:

Thank you for your letter of the 26th. The specimen contains the gonidia of a lichen - parasitized *Protococcus viridis* Ag., *Gloeoystis Grevillei* (Bern.) Dr. & Daily, or *Stichococcus subtilis* (Kütz.) Klenck., I can't tell which, since they all seem the same when attacked by fungi. So I am returning it to you.

I am sorry not to have been here during your last visit, but I trust that you found everything that might interest you. My trip was very fine indeed. The collecting was excellent, and now comes the job of taking care of it.

Looking forward to your visit here this summer,

Sincerely,
Francis Dones



THIS SIDE OF CARD IS FOR ADDRESS

Dr. L. J. Gier
Department of Biology
William Jewell College
Liberty, Missouri



THIS SIDE OF CARD IS FOR ADDRESS

Dr. L. J. Gier
Department of Biology
William Jewell College
Liberty, Missouri

Chicago Natural History Museum, Chicago 5

31 May 1949

Dear Dr. Gier:

Thank you for your letter of the 26th and the specimens of algae in it. The algae seem to be:

- 102. Tetraspora gelatinosa (Vauch.) Desv.
- 103. Chara contraria A. Br. *N.C.*
- ~~104.~~ Tolypella nidifica (Müll.) Leonh., I suppose
- 106. Sphaerella lacustris (Girod.) Wittr.

The Characeae are not my forte, but Mrs. Daily will look the two here over sometime in the near future, and I'll let you know if she makes corrections.

With regards,

Sincerely, *Francis Drouet*

Chicago Natural History Museum, Chicago 5

24 March 1950

Dear Dr. Gier:

Your no. 2662, the alga collected by George Moore at Haha-Tonka, Oct. 15, 1949, is *Scytonema figuratum* Born. & Flah. Thanks very much for this.

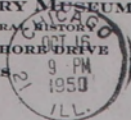
Sincerely,

Francis Drouet

Francis Drouet

CHICAGO NATURAL HISTORY MUSEUM

FORMERLY FIELD MUSEUM OF NATURAL HISTORY
ROOSEVELT ROAD AND LAKE SHORE DRIVE
CHICAGO 5, ILLINOIS



HIRE THE HANDICAPED

IT'S GOOD BUSINESS



Dr. L. J. Gier
Department of Biology
William Jewell College
Liberty, Missouri

CHICAGO NATURAL HISTORY MUSEUM

FORMERLY FIELD MUSEUM OF NATURAL HISTORY

ROOSEVELT ROAD AND LAKE SHORE DRIVE

CHICAGO 5, ILLINOIS

7 March 1950

Dear Dr. Gier:

Thank you for your letter of yesterday
and for the algae inclosed in it. Names for them:

105. Nostoc commune Born. & Flah.
121. Hydrodictyon reticulatum (L.) Lagerh., a small
deadish plant and part of a large healthy one
3070. Sphaerocarpus sp., a hepatic of course, but I
am glad to have it for the collection here.
Perhaps it is S. Donnellii.

I shall look forward to seeing your summer's algal
collections. I am leaving early next month for four
months of study in European herbaria and so will look for-
ward in August or September to seeing what you have found
there. The cryptogamic herbarium will be open as usual
while I am gone; so that if you find opportunity to visit
in Chicago again, please come and make further use of the
moss collections.

With best regards and again my thanks,

Sincerely,

Francis Drouet

CHICAGO NATURAL HISTORY MUSEUM

FORMERLY FIELD MUSEUM OF NATURAL HISTORY

ROOSEVELT ROAD AND LAKE SHORE DRIVE

CHICAGO 5, ILLINOIS

15 October 1950

Dear Dr. Gier:

Thank you for your letter and package of September 21st. I have looked over all the specimens; the inclosed list indicated how each will apparently be most useful in the herbarium. I have discarded those which seem to be useless for taxonomic purposes; the *Cosmaria* will be filed simply under the generic name until someone more familiar with the technicalities of that genus can look them over. Likewise the diatoms will have to be named by a specialist. The collection contains some nice things, however; and I trust that some of the species are new to your herbarium. By all means send more when they have accumulated.

I am glad to be back home and settled again after four months of study in Europe this past summer. Naturally a large backlog of work has piled up, but I trust that it will be disposed of in due course of time.

With best regards and wishes, and again my thanks,

Sincerely,

Francis Drouin

CHICAGO NATURAL HISTORY MUSEUM
FORMERLY FIELD MUSEUM OF NATURAL HISTORY
ROOSEVELT ROAD AND LAKE SHORE DRIVE
CHICAGO 5, ILLINOIS

21 Feb. 1954

Dear Dr. Gier:

Thank you for your letter of Jan. 26th and for the several reprints of your publications. I am sorry not to have got around to naming ~~these~~ specimens of Prof. Palmer earlier, but here are names for them at last. I trust that you can send the names to Mr. Palmer.

clayton? M42 (your 414). *Cladophora crispata*
newton (Roth) Kütz.

chromococcum M43 (your 415). *Anacystis Peniocystis*
newton (Kütz.) Dr. & Daily and *Pithophora*
oedogonia (Mont.) Wittr.

M49 (your 416). sterile indet. *Spiriozys*
Lawrence - being returned here

M50 (your 417). *Pithophora oedogonia*
Barton (Mont.) Wittr.

M51 (your 418). also *Pithophora oedogonia*
newton

M52 (your 419). Diatoms with sterile
newton *Vaucheria* and sterile *Oedogonium*

M54 (your 420). *Pithophora oedogonia*
Barton (Mont.) Wittr.

I am glad that you are getting so much accomplished. It will be very fine to see you here

ADDRESS ALL CORRESPONDENCE, PUBLICATIONS, AND PACKAGES TO

CHICAGO NATURAL HISTORY MUSEUM, CHICAGO 5, ILLINOIS, U.S.A.

if you can come this summer. I am busy
with finishing a revision of the coccid
myxophyceae and so expect to be here all
summer.

With all best regards and wishes, and
again my thanks,

Sincerely,

Francis Drouet

R. A. ROGERS, President
Department of Physics
Park College
Parkville, Missouri

A. C. MAGILL, Vice-President
Dept. of Chemistry, S. E. Mo.
State Teachers College
Cape Girardeau, Missouri

Missouri Academy of Science

INCORPORATED

Dedicated to the Advancement of Science in Missouri

R. T. DUFFORD, Secretary
212 Physics Building
University of Missouri
Columbia, Missouri

A. J. GRINER, Treasurer
Dealer in Scientific Instruments
417 East Thirteenth Street
Kansas City, Missouri

March 7, 1941

Professor L. J. Gier
William Jewell College
Liberty, Missouri

Dear Professor Gier:

I am glad to be able to notify you that the Executive Committee of the Missouri Academy of Science has elected you to membership in the Academy. It is a pleasure to be able to welcome you to membership, and I hope that you will find your associations in the Academy both pleasant and profitable.

Sincerely yours,

R. T. Dufford

R. T. Dufford, Sec'y

RTD:PH

Department of Biology
William Jewell College
LIBERTY MISSOURI

Instructor
JAMES N. SMITH
OLIVE THOMAS

June 8
airmail

Colly. Spec. Bureau
No 17, 129

Pres. John F. Hargett

March 27, 1940

Mr. L. J. Gier,
Campbell College,
Buies Creek, N.C.

Dear Mr. Gier:

As far as I know there will be no changes in our
department this year.

Yours truly,

CJE-HAE

C. J. Emerson

died May 19

UNIVERSITY OF CALIFORNIA
COLLEGE OF AGRICULTURE
AGRICULTURAL EXPERIMENT STATION

DIVISION OF BOTANY
DAVIS, CALIFORNIA

June 3, 1940.

Mr. L.J. Gier,
Campbell College,
Buies Creek, N.C.

Dear Mr. Gier:

I doubt that my studies on tobacco roots will assist you in your work on these organs. My problem concerns differentiation of vascular tissues and I am reporting at Seattle on the structure of the apical meristem and the development of the first sieve tubes and the first xylem elements in lateral roots of *N. tabacum*. I have also considered roots affected by the curly-top disease, but am not reporting on this subject at present. I shall be glad to send you a reprint when the paper is out. It will be submitted for publication in *Hilgardia*.

Under separate cover I am sending you one of my publications on tobacco to give you an idea of the type of studies I am interested in.

Yours very truly,

Katherine Esau

Katherine Esau

KE:G

YALE UNIVERSITY
OSBORN BOTANICAL LABORATORY
NEW HAVEN, CONNECTICUT

February 17, 1955

Dr. L. J. Gier
William Jewell College
Liberty, Missouri

Dear Dr. Gier:

Many thanks for your articles on the Lichens and Algae of Missouri. It is surprising that so little has been published on the Lichens of your state, in spite of the richness of your Lichen flora. In our herbarium here we have quite a number of specimens of *Gladonia* from Missouri, collected by Miss McVeagh and others, and these might yield additional records and perhaps additional species to your list, if you ever plan to prepare a supplement to it.

Sincerely yours,

Alexander W. Evans

Alexander W. Evans

AWE:bsa



MONT-SACRÉ-CŒUR

A. C. J.
MAISON PROVINCIALE
DES
FRÈRES DU SACRÉ-CŒUR

Granby, P.Q., August 21, 1949

Dr. L. J. Gier
Biology Department
William Jewell College
Liberty, Mo.

Dear Sir:

I have received the interesting series of reprints you kindly sent me. Thank you very much. They will be very useful to me, and I am glad to have them. I am sorry that I have nothing to offer you in exchange, for none of my papers have been published yet. Nevertheless, one will be published in a month or two in a local journal, and another one will be sent soon to the editor of the Bryologist. It will be a pleasure for me then to send you a copy of my works.

Sincerely yours,

Bro. Fabius
Brother Fabius

THE UNIVERSITY OF NEBRASKA
LINCOLN, NEBRASKA, U. S. A.

DEPARTMENT OF BOTANY

July 6, 1942

Prof. L. J. Gier
William Jewell College
Liberty, Missouri

Dear Professor Gier:

Your postal of the 2nd at hand. I note what you say concerning the order of books from me that went to Barnes & Noble. When B. & N. got the order they wrote to me ordering the material. They did not state to whom they were going to send nor did they ask for terms. Now they are making a great howl, asking for a rebate or a discount. Had I known the order emanated from you I would have held it up. It is always best to order direct but some libraries prefer to order from a jobber. I never make any discounts to anybody as the prices I ask are as low as I can afford as many of the items can not be duplicated anywhere else. I sold one item to a Harvard man. He remitted at once but said the item was worth three times what I asked. Then again but rarely some one thinks the price is too high. It all depends on what the item may have cost me. Two of the items your library ordered can not now be duplicated. Others are nearly all gone. So it goes.

I am pleased to hear from you whenever you care to write.

Yours truly,

T. J. Fitzpatrick
T. J. Fitzpatrick
2002 North 68th Street
Lincoln, Nebraska

Yours truly,

T. J. Fitzpatrick

T. J. Fitzpatrick
2002 North 68th Street
Lincoln, Nebraska

UNIVERSITY OF WASHINGTON
DEPARTMENT OF BOTANY
SEATTLE 5

Prof. L. J. Grier,
William Jewell College,
Liberty, Mo.

June 8 1948

Dear Prof. Grier:

Dr. Clark examined your
No. 1073 and says it is indeed
Riccia beyrichiana, but that
the characteristic cilia are
scarce or wanting. Possibly
that is why you felt uncertainty.

Yours truly
T.C. Frye

Feb. 22, 1949

Prof. L. J. Grier
William Jewell College
Liberty, Mo.

Dear Prof. Grier:

We do not claim to have a complete list of literature in Hep. & Amer. We merely kept the list as we came across the articles, then published the list at the end in so far as we used them. We worked 12 years on the book, and we could ~~have~~ have worked for a life time, and of course produced a better book. We do not now know where to find Smythe & Smythe, 1911, which you mention. Nor have we seen Engelmann Bot. Club, 1911.

Likewise we have not seen all the specimens of liverworts collected in the U. S. & Canada. We borrowed copiously from Yale, N. Y. Bot. Garden, Sull. Moss Soc.; and less so from many others. We could not have examined them all in a much longer time. We hoped however the book might serve as a basis for further work; and it seems to be doing that with you. Drew submitted to us a number

of his *Mo. hepaticae*. He also named some himself, which we did not see. From our list of literature it seems we saw only one of Drews publications.

I do not recall examining any packets collected by Zinkle. Nor did we see his article, apparently, - Perhaps our "Zinkie" = Zinkle.

It is pleasing that you are at work on *Mo. hepaticae*. I hope you find a lot we do not include, and hope you include a good key to them. Local keys are very much needed. The greater the area and thus the number of species, the more difficult it is to make a workable key.

Riccia beyrichiana = *R. lescuriana* and its varieties and variations in spelling in honor of Lesquereux.

Among liverworts we are at present working almost wholly on those south of the U.S. border. It is remarkable how much one can forget about work done as much as 12 years ago.

Yours truly

T. C. Frye

UNIVERSITY OF WASHINGTON
DEPARTMENT OF BOTANY
SEATTLE

August 8, 1949

Dear Dr. Gier:

Your Atrichum No. 1625 from 2 miles NW of Edgerton is A. angustatum. That is the characteristic appearance of the leaves, narrow, rather triangular when short as in yours, narrow but less triangular in vigorous material with its consequent longer leaves, the lamellae as mounted flat on a slide always spreading out to cover more than the vein.

One cannot tell it from A. macmillani however without a cross section of the upper part of the leaf. A. macmillani has papillose leaves, more or less. The papillae are so small that there may be 3-4 on the cross section of a cell. Therefore it requires a high power of the microscope to see them well, at least for my eye sight.

Digitized by Hunt Institute for Botanical Documentation

I have just sent in a paper suggesting that that A. macmillani be known as A. xanthopelma, but the article will probably not appear before December.

Yours truly

T.C. Frye

T.C. Frye

3-1-57

Dear Dr. Gier:

I am wondering whether
Dr. T.T. Abramov or his wife
Dr. A.L. Abramova are sub-
scribers to Bryologist; or
whether Inst. Bot. de Acad.

not paid
Sci. Leningrad, U.S.S.R.
where they work is a
subscriber? I am
planning to exchange
bryophytes with them
and might offer in
exchange a subscription

I do not find the
name Abramov in the
list of subscribers pub-
lished a few years ago.

The Institutions and Libraries
are not listed, so it may
be available to them anyway.

(over)

88 I met Mr. Black a
few days ago. He seems
to be a very pleasing
man.

Yours truly

T. C. Frye

and
III. 4.57

Digitized by Hunt Institute for Botanical Documentation

(over)

UNIVERSITY OF CINCINNATI

DEPARTMENT OF BOTANY—BIOLOGY BUILDING

October 4, 1948.

Dr. L.J.Gier
Department of Biology
William Jewell College
Liberty, Mo.

Dear Dr. Gier:-

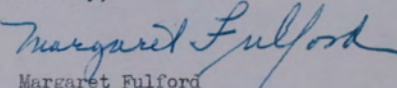
Now that things are under way again I find a little time to catch up on my own work. I gather from the data on your packets that you had quite a journey this summer. I only wish that you had made the trip to Mackinac Island a week earlier so that you could have come down to the Michigan Biological Station 12 miles south for a visit. You would enjoy that country very much. It is very rich in bryophytes.

I believe that ^especimens are the following:

- ✓ 1186. Porella platyphylla (L.) Lindb. It is sterile.
- ✓ 1205. Ptilidium ciliare (L.) Nees.
- ✓ 1256. It looks like poor Marchantia polymorpha L. to me, what do you think?

They had a very good meeting at Washington this year but it was not so well attended as last year. It is unfortunate that it had to be at that time of year when so many were already back at school. I look for a big turnout next year in N.Y.

Sincerely,


Margaret Fulford

UNIVERSITY OF CINCINNATI

DEPARTMENT OF BOTANY—BIOLOGY BUILDING

March 21, 1949.

Dr. L.J. Gier
William Jewell College
Liberty, Missouri.

Dear Dr. Gier:-

I decided to get caught up with my determination work yesterday so spent a most enjoyable day working on specimens sent in to the Sullivant Moss Society. So far as I was able to determine your material it represents the following:-

1345. Anthoceros laevis L. yellow spores.

1141. either Notothylas or Anthoceros. It is so immature that I can't make out which. Returned.
1149. might be Reboulia, - so little material that I can't be sure. This is easily confused with other things when it is immature. - *Reboulia*
1178. I still can't make this one out. Perhaps you could get ~~me~~ someone to collect at this spot for you in August or Sept. when the plants would be more fully developed. They don't show many characters at this stage. *Reboulia*.

I do hope that you will get to Michigan this summer. There are a few guest cottages at the Station so that if you knew ahead of time you might be able to make a reservation to stay there if you were in the area.

Hope to see you,

Sincerely,

Margaret Fulford
Margaret Fulford

UNIVERSITY OF CINCINNATI

DEPARTMENT OF BOTANY—BIOLOGY BUILDING

May 11, 1949.

Dr. L.J.Gier
Department of Botany
William Jewell College
Liberty, Mo.

Dear Dr. Gier:

Here are the determinations of your
two specimens of hepatics:
870. *Scapania nemerosa* (L.) Dumort. - the gemmae are character-
istic.
1421. *Frullania* - it may be *Fr. eboracensis* but I can't
be sure since the material is so poorly developed.
There were a few half-grown perianths.

Hope that you have a fine collecting trip in the
Ozarks. You should have a real treat working with Dr.
Conard this summer. I know of no one who is a better
teacher and a more careful worker. We all could learn so
much from him.

Sincerely,

Margaret Fulford
Margaret Fulford.

UNIVERSITY OF CINCINNATI

May 18, 1951

DEPARTMENT OF BOTANY—BIOLOGY BUILDING

Dr. L. J. Gier
William Jewell College
Liberty, Mo.

Dear Dr. Gier:-

On checking through my record book I find that I determined two hepatics for you several months ago but have never written to you about them. They are:

No. 4324. *Frullania brasiliensis* Raddi. This has very nice cylindrical, smooth perianths. The leaves tend to wrap around the stem when dry.

+ *Euosmolejeunea trifaria* Spruce. This is a large, light green plant with large, rounded, bifid underleaves. rather common in tropical America.

I had your list of Bryologists on your Christmas card and put it in a book to bring to my office. I have not been able to find it since. One day when I open some botany book there it will be. In the mean time, if you have it handy perhaps you can send me a duplicate. I do not have many duplicates, but I might possibly have what you need.

Hope that you and Mrs. Gier have a pleasant summer.

Sincerely,

Margaret Fulford
Margaret Fulford

UNIVERSITY OF CINCINNATI

DEPARTMENT OF BOTANY—BIOLOGY BUILDING

May 12, 1952.

Dr. L.J. Gier
William Jewell College
Liberty, Mo.

Dear Dr. Gier:-

This is a belated reply to your letter of December 13th. We have had a hectic year and after all the hard work I have very little if anything to show for it.

5092 I think that you are correct in calling your # ~~1179~~ Grimaldia fragrans. It is no doubt the same as your earlier # 1179. Have you noticed that in most of the Keys the major difference between the two genera is in the fruiting stalk? Unfortunately your material is sterile. Perhaps some day you will come upon some material from the same area which is fruiting, and then there will not be the slightest doubt as to the genus.

Hope that you are planning an interesting summer.

I am going back to Michigan.

Sincerely,

Margaret Lulford

UNIVERSITY OF CINCINNATI

DEPARTMENT OF BOTANY—BIOLOGY BUILDING

December 8, 1953.

Dr. L.J.Gier
Department of Biology
William Jewell College
Liberty, Mo.

Dear Dr. Gier:

Thanks for your card of November 8th. Glad that Proskauer could help you out with the Phaeoceros (Anthoceros to us). Have the reprints on the Atrichum paper come yet? I am still way behind on the Literature Lists ~~for~~ the Bryologist but I sent Bill two additional ones several weeks ago and have the cards for at least three additional ones before I begin my search of the literature for additional titles. I got behind last year and have been unable to catch up satisfactorily since.

About Charles Arzeni - I have known him since 1947 and he is an excellent person. He know lots of botany and has a fine mind. He is a very good teacher and gets along very well with the students. He was an excellent assistant to me at the Station for several years and I have always held him up as the example of what an "Assistant deluxe" is really like. He is the most cooperative person that I know and he can do anything in just about any line of work. He has a fine wife too. If you should want a formal recommendation from me for him just let me know for I would be very glad to give him my high recommendation.

Best Wishes and a Merry Christmas to you and Mrs. Gier.

Sincerely,

Margaret Fulford

Margaret Fulford

UNIVERSITY OF ILLINOIS
DEPARTMENT OF BOTANY
URBANA, ILLINOIS

December 9, 1952

Professor Robert L. Hilbary
Department of Botany
State University of Iowa
Iowa City, Iowa

Dear Bob:

Thank you for your note of December 5 and its enclosure. I am going to DePauw University on Friday to take over the books and papers from the retiring Treasurer, Professor Yunker. As soon as I have obtained these materials and received instructions from Yunker, I shall take care of the invoice from the National Research Council.

I hope that all is going well with you.

Pd. 1952

Yours cordially,

Harry J. Fuller
Harry J. Fuller
Professor of Botany

HJF/dp