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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.

THE UNIVERSITY OF WISCONSIN
MADISON 6, WISCONSIN, U. S. A.

DEPARTMENT OF BOTANY
BIOLOGY BUILDING

October 9, 1951

Dr. L. J. Gier
Dept. of Biology and Geology
William Jewell College
Liberty, Mo.

Dear Dr. Gier:

I am delighted to hear from you and to get the lichens you sent; they are a very interesting batch of specimens. Here are my determinations:

- 5 4991 - *Cladonia caespiticia* (Pers.) Flk.
2366- probably *Lecidea* (Psora) *globifera* Ach. but sterile and therefore uncertain.
20 4928 - *Dermatocarpon miniatum* (L.) Mann. - a characteristic limestone species.
12 4929 - *Cladonia cristatella* Tuck. f. *vestita* Tuck.
34 4930 - *Peltigera polydactyla* (Neck.) Hoffm. f. *typica*
12 4931 - *Usnea jelskii* Mot. ? I am not certain of the tropical *Usneas* and do not have adequate comparison material. The Motyka monograph is very difficult to use.
4/4932 - *Teloschistes flavicans* (Swartz) Norm.
10 4933 - *Ramalina canaliculata* (E. Fr.) Herre
37 4934 - *Physcia aiopolia* (Ehrh.) Hampe var. *acrita* (Ach.) Vainio
31 4935 - *Parmelia rudecta* Ach.
4936 - *Dermatocarpon miniatum* (L.) Mann.
36 4937 - *Physcia aiopolia* (Ehrh.) Hampe var. *acrita* (Ach.) Vainio
4938 - *Physcia aiopolia* (Ehrh.) Hampe var. *acrita* (Ach.) Vainio
4 4939 - *Candelaria concolor* (Dicks.) Arn.
28 4940 - *Parmelia borrieri* Turn.

Your specimen of *Cladonia caespiticia* adds to the North American range of that lichen. It ranged from Mass. to Wis. and Ill. and south to South Carolina previously, at least in the manuals! *Strombo.*

Some of our kodachromes have been developed and they are fine. I have not yet had the opportunity of developing the black and white negatives.

Sincerely yours,

John W. Thomson

John W. Thomson

THE UNIVERSITY OF WISCONSIN
MADISON 6, WISCONSIN, U. S. A.

November 12, 1951

DEPARTMENT OF BOTANY
BIOLOGY BUILDING

Dr. L. J. Gier
Dept. of Biology and Geology
William Jewell College
Liberty, Mo.

Dear Dr. Gier:

Here are my determinations of the recent batch of lichens that you sent me. They are characteristic of the region but nevertheless I am very glad to have the specimens for our herbarium.

- 33 5062 - *Peltigera caniha* (L.) Willd. var. *rufescens* (Weis.) Mudd almost lacking the tomentum of this species.
- 25 5076 - *Lecanora versicolor* (Pers.) Ach.
- 28 5077 - *Physcia grisea* (Lam.) Lettau
- 18 5078 - *Collema furvum* Ach. in poor condition
- 1 5079 - *Caloplaca aurantiaca* (Lightf.) T. Fr.
- 22 5080 - *Lecanora contorta* (Hoffm.) Stiz.
- 2 5081 - *Caloplaca cinnabarina* (Ach.) Zahlbr.
- 26 5082 - *Lecanora contorta* (Hoffm.) Stiz.
- 6 5084 - *Cladonia capitata* (Michx.) Spreng. f. *imbricatula* (Nyl.) Evans
this latter is the old *C. mitrula* f. *imbricatula* of most publications.

Sometime it would be well to add to the range of *C. caespiticia*. I have been trying to get Dr. Evans the U. S. authority on that genus to work up a general North American monograph. He could restate the ranges so easily for he knows them all.

Sincerely yours,

John W. Thomson

John W. Thomson

THE UNIVERSITY OF WISCONSIN
MADISON 6, WISCONSIN, U. S. A.

May 26, 1952

DEPARTMENT OF BOTANY
BIOLOGY BUILDING

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

Dear Dr. Gier:

Here are my determinations of your Missouri specimens:

- 22 5149 - *Parmelia trichotera* Hue em. DR. var. *typica* DR, medulla K+ yellow then red.
5150 - *Physcia grisea* (Lam.) Zahlbr.
24 5151 - ~~*Parmelia*~~ *Parmelia caperata* (L.) Ach.
5152 - *Parmelia caperata* (L.) Ach.
5153 - *Parmelia rufecta* Ach.
5154 - *Parmelia rufecta* Ach.
5155 - *Parmelia trichotera* Hue em. DR. var. *typica* DR.
5156 - *Peltigera canina* (L.) Willd. var. *rufescens* (Weis.) Mudd
5157 - *Cladonia chlorophaea* (Flk.) Spreng. f. *simplex* (Hoffm.) Arn.
27 5158 - *Parmelia arnoldii* DR.
30 5159 - *Parmelia conspersa* (Ehrh.) Ach.
24 5160 - *Lecanora subfuscata* Magn.
35 5161 - *Pertusaria multipuncta* (Turn.) Nyl.
23 5162 - *Lecanora muralis* (Schreb.) Rabh.
5163 - *Lecania erysibe* (Ach.) Mudd
5164 - *Racopilium muscorum* (Swartz) Mudd
5165 - *Physcia orbicularis* (Neck.) DR.
5166 - *Placynthium stenophylla* (Tuck.) Fink
5167 - *Dermatocarpon miniatum* (L.) Mann
5168 - *Physcia alipolia* (Ehrh.) Hampe
5169 - a fungus
5170 - *Caloplaca aurantiaca* (Lightf.) T. Fr. plus a black alga?
5171 - *Caloplaca aurantiaca* (Lightf.) T. Fr.
5172 - *Cladonia cristatella* Tuck.
5173 - *Cladonia capitata* (Michx.) Spreng. f. *imbricatula* (Nyl.) Evans - the old name for this species was *C. mitis*.
5174 - *Cladonia furcata* (Huds.) Schrad. var. *racemosa* (Hoffm.) Flk. f. *furcata-subulata* (Hoffm.) Vainio
5175 - *Cladonia mateocyatha* Robbins ? not much material.
5176 - *Cladonia chlorophaea* (Flk.) Spreng. plus squamules of another *Cladonia*.
5177 - *Cladonia chlorophaea* (Flk.) Spreng.

Three are excellent extensions of range - Nos. 5163, 5164 and 5166. I am delighted to receive them. The others are species that I would normally expect to occur in your region.

We shall be home for most of the summer. I have much material that I still have to work out for a couple of papers and am working on a monograph of the *Physciaceae*. I expect to give a paper on the lichens of last years foray at Ithaca meetings. We got a very interesting series on the North Shore foray.

Sincerely yours,

John W. Thomson

John W. Thomson

THE UNIVERSITY OF WISCONSIN
MADISON 6, WISCONSIN, U. S. A.

July 11, 1952

DEPARTMENT OF BOTANY
BIOLOGY BUILDING

Dr. L. J. Gier
Iowa Lakeside Laboratory
Milford, Iowa

Dear Dr. Gier:

Here are my determinations of the set of Missouri specimens that I received this morning:

- nelson*
- 5469 Fl + *Cladonia coniocraea* (Flk.) Spreng f. *ceratodes* (Flk.) Dalla Torre & Sarn.
 - 5485 2nd - 1 + *Peltigera canina* (L.) Willd. var. *rufescens* (Weis.) Mudd
 - 5460 L2 + *Dermatocarpon minutum* (L.) Mann.
 - 5471 L17 + *Cladonia capitata* (Michx.) Spreng f. *imbricatula* (Nyl.) Evans
 - 5476 L18 + *Peltigera canina* (L.) Willd. var. *rufescens* (Weis.) Mudd f.
/ *innovans* (Körb.) Thoms.
 - 5463 LB5 + *Cladonia caroliniana* (Schwein.) Tuck. f. *dilatata* Evans
 - 5470 A + *Cladonia coniocraea* (Flk.) Spreng. f. *ceratodes* (Flk.) Dalla Torre & Sarn.
 - 5472 B + *Cladonia chlorophaea* (Flk.) Spreng. f. *pterygota* (Flk.) Vainio
 - 5482 C + *Crocynia lanuginosa* (Ach.) Hue
 - 5480 D + *Caloplaca oxfordensis* (Fink) Hedrick
 - 5481 E + *Ramalina calicaris* (L.) Fr. as named
 - 5473 691 + *Parmelia borrieri* Turn as named
 - 5465 634a + *Cladonia capitata* (Michx.) Spreng. f. *imbricatula* (Nyl.) Evans
 - 5466 650 + *Cladonia chlorophaea* (Flk.) Spreng. f. *simplex* (Hoffm.) Arn.
 - 5464 676 + *Usnea tristis* Mot. - this is a segregate from U. Florida.
 - 5467 718 + *Usnea tristis* Mot.
 - 5474 811 + *Lecidea decipiens* (Ehrh.) Zahlbr. - the hypothecium is brown, not hyaline.
 - 5468 990 + *Cladonia subtenuis* (DesAbb.) Evans
 - 5459 1073 + *Cladonia caroliniana* (Schwein.) Tuck. f. *dilatata* Evans
 - 5473 1163 + *Cladonia chlorophaea* (Flk.) Spreng. forms *prolifera* (Wallr.) Arn.
/ and *carpophora* (Flk.) Anders
 - 5458 1266 + *Cladonia uncialis* (L.) Web. f. *obtusata* (Ach.) Nyl.
 - 5374 2030 + *Cladonia furcata* (Huds.) Schrad. var. *pinnata* (Flk.) Vainio f.
foliolosa (Del.) Vainio
 - 5484 2127 + *Peltigera canina* (L.) Willd. var. *rufescens* (Weis.) Mudd

It sounds like you are having a fine summer at the Lakeside Lab. Give our regards to the Conards and to Winona Welch whom we know. Dr. Whitehouse's name I recognize from a lichen paper he wrote. I do not know the others.

I am mulling over our *Physcias* and have found that some of our common species have not even been recognized - strange isn't it. Dr. Degelius from Sweden was in the Smokies a few years ago and described a new lichen which turns out to be a very abundant mid-western lichen. Another has been described as one species from Brazil and under another name from Europe and although common here has never been listed from North America.

Sincerely yours,

John W. Thomson

THE UNIVERSITY OF WISCONSIN

MADISON 6, WISCONSIN, U. S. A.

DEPARTMENT OF BOTANY
BIRGE HALL

August 21, 1953

Dr. L. J. Gier
502 So. Leonard
Liberty, Mo.

Dear Dr. Gier:

Digging down through the stack of mail on my desk I have come to your package of lichens sent the first of the month. Here are my determinations of your specimens:

- 6064 - not much to go on but apparently *Cladonia chlorophaea* (Flk.) Spreng.
- 6065 - *Cladonia cristatella* Tuck. f. *ramosa* Tuck.
- 6067 - *Usnea tristis* Mot.
- 6068 - *Usnea comosa* (Ach.) R hl.
- 6102 - *Cladonia subtenuis* (DesAbb.) Evans

If you do get to the Dells of the Wisconsin be sure to take the Upper Dells boat trip with the stops. At Coldwater Canyon they stop you at the top of the staird just after disembarking, then you are walked through a comparatively open area and stop again just at the mouth of the canyon narrow portion to give you another spiel. If you look at about waist height at the underhang portion of the cliff to the ~~left~~ ^{right} you can see a small colony of *Bryoxiphium*. At Witches Gulch there is a tiny colony just above the Witches Bathtub.

See you at the Foray.

Sincerely yours,

John W. Thomson

John W. Thomson

DEPARTMENT OF BOTANY
BIOLOGY BUILDING

THE UNIVERSITY OF WISCONSIN
MADISON 6, WISCONSIN, U. S. A.

September 16, 1953

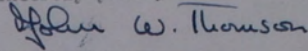
Dr. L. J. Gier
Dept. Biology
William Jewell College
Liberty, Mo.

Dear Dr. Gier:

On one of my field packets collected at Sawles Mill I have the
note "Let Dr. Gier know" - The specimen is Bilimbia obscurata var.
microcarpa (T.Br.) Lettau # 6153-

It was so good to visit with the bryologists again on the
foray. We have looked forward each year to the forays.

Sincerely yours,


John W. Thomson

DEPARTMENT OF BOTANY
BIOLOGY BUILDING

THE UNIVERSITY OF WISCONSIN
MADISON 6, WISCONSIN, U. S. A.

September 29, 1953

Dr. L. J. Gier
Dept. Botany
William Jewell College
Liberty, Mo/

Dear Dr. Gier:

Your Cladonia No. 6181 is Cladonia clavulifera Vainio, partly f. epiphylla Robbins. It does not have the cupd that C. chlorophaea should have. The K reaction is negative as for clavulifera.

Thanks for the comments on the Barbula specimen. I am glad that the determination is correct.

We are now returning to routine work for the semester. I have 20 in my elementary taxonomy class. Dr. Eilif Dahl stayed with us a few days following the meetings and we went out in the field collecting.

Sincerely yours,

John W. Thomson

John W. Thomson

November 3, 1953

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

Dear Dr. Gier:

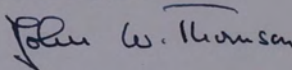
Here are my determinations of your Cladonias:

- 6251 - *Cladonia cristatella* Tuck f. *vestita* Tuck.
6252 - *Cladonia subtemuis* DesAbb., note the K-, P+ reaction and the prevalence of dichotomous branching.
6253 - *Cladonia cristatella* Tuck. f. *beauvoisii* (Del.) Vainio
6254 - *Cladonia grayi* Merrill-Like *C. chlorophaea* but P- instead of P+ and perhaps just a chemical variant.

I am glad to hear that your student is collecting lichens along the Ozark border. Mason Hale is now at Wichita, Kansas and is finding very few lichens near Wichita. He is working on the distribution of lichens around the town.

Culberson and I went up to northern Wisconsin to get photos for his thesis, those that we have developed have come out well so far. Not much to report in the way of collecting. Dr. Dahl stayed over after the meetings and we went out a couple of days collecting and got a few interesting lichens.

Sincerely yours,



John W. Thomson

THE UNIVERSITY OF WISCONSIN
MADISON 6, WISCONSIN, U. S. A.

DEPARTMENT OF BOTANY
BIRGE HALL

January 14, 1954

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

Dear Dr. Gier:

Many thanks for the Hawaiian lichens which you sent me. They are most welcome additions to my herbarium as I did not have them available before for comparison.

I am working on North American lichens but of course other material is very valuable for comparison purposes. I still plod along on my monograph of the genus *Physcia*.

Many thanks to you and Mrs. Gier for your Christmas card. We did not send out any this year because we were too busy with preparations for our Christmas trip to California to make any. We had a splendid trip with wonderful weather and managed to have a whole week in California including a day's collecting with the lichenologist Herre.

A very Happy New Year to you and Mrs. Gier.

Sincerely yours,

John W. Thomson

John W. Thomson
Assoc. Prof. of Botany

JT/sn

THE UNIVERSITY OF WISCONSIN

MADISON 6, WISCONSIN, U. S. A.

March 6, 1954

DEPARTMENT OF BOTANY
BIRGE HALL

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

Dear Dr. Gier:

Your no. 6437 is Xanthoria fallax (Hepp) Arn. Note that it has a K+ reaction and that the soredia are in labriform apices. Candelaria concolor, which you suggest, has a K- reaction and the apices are more or less coralloid and the upper surface sorediate. It is yellow, rather than orange in color.

I just put quite a bit of KOH in distilled water, it should be near saturation but not quite according to some people, and 10% according to others, so there is plenty of leeway. The P stands for paraphenylenediamine which you can get from Eastman Kodak. An ounce lasts many years. It must be made up fresh every day that you use it. A couple of crystals in a little 95% alcohol is all that I ever use at a time. In using this chemical one has a lot of trouble with the blackening of the packet label etc unless you take a bit of the specimen out, treat it apart from the packet and discard the treated portion. The C reaction is obtained with a saturated solution of calcium hypochlorite in water made up freshly for the occasion. A household bleach as Chlorox will sometimes work but must be tested on a known specimen for reactivity before using.

Sincerely yours,

John W. Thomson

DEPARTMENT OF BOTANY
BIRGE HALL

THE UNIVERSITY OF WISCONSIN
MADISON 6, WISCONSIN, U. S. A.

February 2, 1955

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

Dear Dr. Gier:

Many thanks for the reprints of your papers on Missouri Algae and Missouri Lichens. They are very welcome for my reprint collection and reference.

Somehow I seem to have missed the Engelm. list in my bibliography of N. Amer. lichens that I try to keep up to date. I am glad to know about the existence of this paper and will try to locate a copy to cross index.

You may not have had called to your attention two other papers which have some references to Missouri lichens. Here they are

Fink, Bruce Additions to lichen distribution in the Mississippi valley. Report. Iowa Acad. Sci. 7: 173-177. 1899.

Fink, Bruce- Notes on lichen distribution in the upper Mississippi valley. Mem. Torrey Club 6: 285-307. 1899

Digitized by Hunt Institute for Botanical Documentation

Sincerely yours,

John W. Thomson

John W. Thomson

used
4.6.55

W

UNIVERSITY OF NORTH CAROLINA
CHAPEL HILL, N. C.
DEPARTMENT OF BOTANY
January 23, 1941

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

Dear Prof. Gier:

Please accept my thanks for the set of
reprints recently sent me.

I congratulate you on your new position
but we regret seeing you leave North Carolina.
With best wishes to you in your new work.

Sincerely,

H. R. Totten

MISSOURI BOTANICAL GARDEN

2315 TOWER GROVE AVENUE

ST. LOUIS 10, MISSOURI

PROSPECT 5567

Aug. 12, 1949

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

Dear Professor Gier:

Dr. Anderson turned over to me your recent letter concerning our specimens of Missouri mosses. A moss flora of the state would be well received I am sure and we will be glad to help you.

However, two difficulties arise concerning a loan of our Missouri specimens. First, with our limited staff we are hardly prepared to send such a large loan. Second, a considerable portion of the Bryophytes have not been organized and a search would have to be made through this material for Missouri collections.

Would it be at all possible for you to come here for a few days to study our material? We can furnish a desk, binocular and such other facilities as you might need.

Very Sincerely Yours,

R. M. Tryon Jr.

R.M.Tryon, Jr.
Assistant Curator

MISSOURI BOTANICAL GARDEN

2315 TOWER GROVE AVENUE

ST. LOUIS 10, MISSOURI

PROSPECT 5567

Sept. 5, 1949

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

Dear Dr. Gier:

We have five and a half cases of mosses that are mounted and several boxes of unmounted packets. The collection needs to be ordered up: quite a bit of the mounted material has not been inserted and I imagine that some of the generic names used in the organized part are now out-of-date. The material is generally in packets and these have been mounted on standard sized sheets. We have a box or two of John Davis and Bush material that is unmounted. I suppose we have at least 30,000 specimens and some 3,000 from Missouri.

You may be interested in knowing we have a manuscript, undated, by Bush on "Missouri Mosses". Of course, it will never be published now and you might like to consult it, at least from the historical point of view.

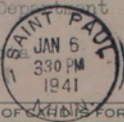
Sincerely Yours,

Rolla M. Tryon Jr.

Rolla M. Tryon, Jr.

SEP 8
ANS'D

C. T. Tsiang
Plant Pathology Department
University Farm
St. Paul, Minnesota



THIS SIDE OF ENVELOPE IS FOR ADDRESS

Dr. L. J. Gier
Campbell College
Bules Creek
North Carolina

January 5, 1941

Dear Sir:

I will be very grateful to you by sending me
one copy of your paper "Root systems of Bright Belt
Tobacco" appeared in American Journal of Botany
Volume 27, No. 9 November ,1 940 .

1/8/41

Yours very truly,

C. T. Young

C. T. Young

UNIVERSITY OF MISSOURI
COLUMBIA

COLLEGE OF ARTS AND SCIENCE
DEPARTMENT OF BOTANY

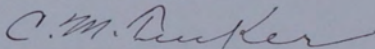
January 14, 1941

Dr. L. J. Gier
Bules Creek, North Carolina

Dear Doctor Gier:

I am glad to know that you are going to be located at William Jewell College. I hope that you will visit Columbia at the first opportunity. I shall be glad to show you our Department and to become acquainted with you.

Sincerely yours,



C. M. Tucker
Chairman
Department of Botany

CMT/fe

UNIVERSITY OF MISSOURI
COLUMBIA

COLLEGE OF ARTS AND SCIENCE
DEPARTMENT OF BOTANY

August 21, 1947

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

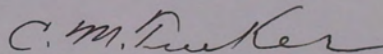
Dear Dr. Gier:

I believe the paper you have in mind is the
following:

Zirkle, R. E., Cunningham, J. W., and Rickett,
H. W. Common bryophytes in the vicinity of
Columbia, Missouri. Univ. of Mo. Stud. 5:
23-30. 1930.

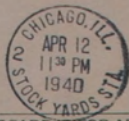
I regret that I do not have any extra copies
of this paper which I might send you.

Sincerely yours,



C. M. Tucker
Chairman

cmt/s



THIS SIDE OF CARD IS FOR ADDRESS

Dr. L. J. Gier
Campbell College
Buies Creek, North Carolina



THIS SIDE OF CARD IS FOR ADDRESS

Dr. L. J. Gier
502 S. Leonard
Liberty, Missouri

April 12, 1940

Dear Dr. Gier:

Customarily the Bryologist begins with the first number in a calendar year - this year February.

Your subscription has been dated as of January 1, 1940, so that your volume of the Bryologist for 1940 (vol. 43) will be complete. If this does not meet with your approval kindly notify us.

Sincerely,

Paul D. Voth
PAUL D. VOTH, SECY - TREAS
The Sullivant Moss Society
The University of Chicago
Chicago, Illinois

UNIVERSITY OF CALIFORNIA
COLLEGE OF AGRICULTURE

Davis, California, November 21, 1946

We would greatly appreciate your sending the following publications for use in our Division:

Shoot-root ratio and moisture relations. Kans. Acad. Sci.
Trans. 48(2):205-208, 1945.

Very truly yours,

F. J. Veckemeyer
Division of Irrigation.

500-4,'45 (4209)

from the editor

Chronica Botanica

P. O. Box 151,

WALTHAM, 54,

MASSACHUSETTS, U.S.A.

February 9, 1946

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

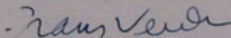
Dear Dr. Gier:

Thank you for your card of February 5, 1946. It is very good of you to prepare so many abstracts from the latest Chronica Botanica Calendar.

It seems only fair that I send you all numbers of Chronica Botanica, although it will not be necessary for you to prepare abstracts of the numbers which consist of only a single memoir.

I am not quite sure which back numbers of Chronica Botanica you have, and which you did not receive. If you will let me know about this, I will make sure to send you all missing numbers. The last number published is Chronica Botanica, volume 9, number 4.

Yours very truly,



Frans Verdoorn

FV/g
1766 ca.



The University of Chicago

CHICAGO 37, ILLINOIS

Department of Botany

June 24, 1947

*Central
States
sect
Bot. Soc*

Dr. W. F. Loehwing
Department of Botany
State University of Iowa
Iowa City, Iowa

Dear Dr. Loehwing:

Following a week of class-less days I have been able to catch my breath and to answer your card of March 21 concerning the Central States Section of the Botanical Society of America. From Dr. Stanfield I learn that you have been seriously ill. It is our hope that you are well and active by now. You certainly need the best of health to keep abreast with the many duties which have been placed in your care.

As mentioned in my letter to you when the subject of a Central States Section first came up, I am unable to answer many of the questions that are posed on the card which I received.

Frankly my hesitancy in expressing my unqualified support of the new project is a matter of time and finances with me. Owing to my broad interest in botany I have - wisely or unwisely - become a member of 16 organizations which are purely botanical or mainly so. Added to the botanical organizations are others of a cultural nature. My annual bill for memberships in such organizations exceeds \$50.00 by a considerable amount. Because of the heavy teaching schedule in the autumn quarter I must make a great sacrifice to attend the annual meetings at the turn of the year. To attend other meetings during the year is almost impossible because of limitations of time and funds. I would not be honest if I did not make such reservations now - before I express an interest in the general desirability of having a midwest section of the Botanical Society of America.

For me a partial solution of this problem would be to have joint meetings of the Central States Section with various State Academies. One year it could be Iowa, another Wisconsin, a third year Illinois or Indiana, or other interested states. If both activities could be combined or at least meet concurrently and if the additional fees would be modest my interest in the proposed section would be increased considerably.

Sincerely,

Paul D. Voth

Paul D. Voth

THE UNIVERSITY OF CHICAGO

CHICAGO 37 • ILLINOIS

DEPARTMENT OF BOTANY

15 October 1953

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

Dear Dr. Gier:

It was a very pleasant surprise to have the package containing living plants of *Marsilea quadrifolia* L. Judging from the description in Gray's Manual, this species has not been reported from Missouri. If this is true, you should certainly write a short article for the American Fern Journal reporting this interesting find.

Your shipment and your letter could not have been more timely. A graduate student of mine, who is desperate to do his major research within the next few months, has just learned that the supply of *Marsilea quadrifolia* L. from Dallas, Texas has been cut off owing to dry weather and bulldozers. The viability of the sporocarps in ~~your~~ ^{this} species is usually much lower than that of the other species which occur in roadside ditches in Kansas and Texas. Therefore, I am thinking that the collection of sporocarps of this species should be delayed until the oldest ones are deep brown or black in color. If you or your students are likely to return to Basswood Lakes in Platte County during the next few months, I would be highly appreciative if an extensive collection of sporocarps could be made. This is tedious and I would be happy to have someone pull the plants from the mud, toss them between layers of crumpled newspapers in a cardboard box and rush them to our department to my attention by Express collect. We could complete harvest here. My research fund is very limited, but I will be happy to reimburse whoever does the collecting for gasoline and incidental expenses up to a sum of \$15.00.

It is also possible that our former office secretary, whose husband is pastor of a church near Parkville, could be induced to help in the collecting, but I am not certain of distances in Platte county. Her name and address is: Mrs. Armin L. Limper, R.R. No. 5, Box 528, Parkville, Missouri.

Any help you can give us in this matter will be greatly appreciated by me and by Mr. Bloom, my student.

Sincerely yours,

Paul D. Voth
Paul D. Voth
Professor of Botany

jb

We could use 8000 or more sporocarps!

THE UNIVERSITY OF CHICAGO
CHICAGO 27, ILLINOIS

M. mucronata A. Br. Barton Co., Sept. 22, 1951. E. J. Palmer specimen No.

53101. Amer. Fern Jour. 42(2):61-66, 1952. New pteridophyte records from Missouri, Ernest J. Palmer and Julian A. Steyermark.

Dr. J. E. Smith
University of Chicago
Department of Botany and Zoology
Chicago, Illinois

Dear Mr. Smith:

It was a very pleasant surprise to have the package containing the plants of *Adiantum mucronatum* I had sent you from the University of Chicago. This species has not been recorded from Missouri. It was in fact, the only one of the plants which I had sent you from the University of Chicago.

Your shipment and your letter were both very timely. I am very glad to hear that you are interested in the study of *Adiantum mucronatum*. I have been out of the country for some time and have been unable to do any work on this species. I am very glad to hear that you are interested in the study of *Adiantum mucronatum*.

Digitized by Hunt Institute for Botanical Documentation

As regards the plants, they are very good. I am very glad to hear that you are interested in the study of *Adiantum mucronatum*. I have been out of the country for some time and have been unable to do any work on this species. I am very glad to hear that you are interested in the study of *Adiantum mucronatum*.

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I am very glad to hear that you are interested in the study of *Adiantum mucronatum*. I have been out of the country for some time and have been unable to do any work on this species. I am very glad to hear that you are interested in the study of *Adiantum mucronatum*.

Respectfully,
Ernest J. Palmer
Professor of Botany

We could use 3000 or more specimens!

THE UNIVERSITY OF CHICAGO

CHICAGO 37 • ILLINOIS

DEPARTMENT OF BOTANY

18 December 1953

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

Dear Gier:

My prolonged silence is not mere disinterest, only too much work. First of all, I would be very pleased to return the plants of Marsilea quadrifolia which you sent on October 11. I feel that you should have these plants to deposit in a reputable herbarium so that credit for this discovery will come to you.

The sporocarps which you collected on November 29 arrived in good condition a few days later. I admire your efforts in taking the sporocarps from the frozen lake. Their water content is much higher than that of sporocarps collected this year in Illinois and are, therefore, very interesting from the research viewpoint.

I have not yet written Mr. A. J. Stephens, whose property the Marsilea plants are located on. I hope to write him this winter so that if our family makes a trip to visit my parents at North Newton, Kansas, we may have the permission to visit this site.

Despite your statement in your letter of November 1, I feel that you certainly had some expenses in connection with this trip to the Basswood lakes. I am therefore enclosing a typewritten expense form in duplicate which I trust you will sign after you have entered the proper amount of money. I do not know whether you paid a student to help you with this work but it seems that the best way to handle such an item is not to involve student pay nor the travel part of the expedition. Such items must be handled on a special requisition form here and only complicates our whole procedure. For that reason, I am listing all the expenses as "incidental."

I do not remember that I congratulated you on the secretary-treasuryship of the American Biological Society. I do so now and wish you the very best of success in that responsible position. My family and I also extend to you and your family the season's heartiest greetings.

Sincerely,

Paul D. Voth

Paul D. Voth
Professor of Botany

jb
Enc.

THE UNIVERSITY OF CHICAGO
CHICAGO 37 • ILLINOIS
DEPARTMENT OF BOTANY

5 January 1953

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

Dear Dr. Gier:

Thanks for your letter of the New Year and the ^{expense}~~acceptance~~ statements. The latter will be processed through the University as soon as possible and you should receive a check within two or three weeks.

The information concerning the Platte City address of Mr. Stegens arrived just in time as a letter I had written to him during the holidays was returned unclaimed from Parkeville.

I am very happy to know that you have herbarium specimens of the *Marsilia* from Bass Wood Lakes. This means that I will give the two fragmentary specimens to Dr. Steyermark, who has already cast longing eyes on these plants. In this matter, the first collection on record in Missouri will be in his hands and in the herbarium of the Chicago Natural History Museum.

I was much interested in hearing about the progress you are making on the new science building.

Thanks again for everything.

Sincerely,

Paul

Paul D. Voth
Professor of Botany

The University of Chicago

CHICAGO 37, ILLINOIS

Department of Botany

Jan. 6, 1960

Dear Gier:

It was a pleasure to see you
and Mrs. Gier at the AAS
meetings.

I regretted not to be more
encouraging concerning your
former student. However, with the
close competition which ^{even} ~~able~~ students
now encounter he would find it
best to apply at the places we mentioned.

Please keep encouraging
good students to become biologists
and botanists in particular.
We appreciate your good will.

Sincerely,
Paul D. Voth