

Hylocomium splendens, etc. I sent to
Dr. Kunsly a specimen which seems
to be *Leucodon sciuroides*, which
I got reports from several New
England stations, but which I have
not seen reported from Massachusetts.
I also found *Onthostichum strangulatum*
with the four common species of
Ula and a lot of other
generally not uncommon sorts -
Among Hepatics the noteworthy ones
were *Fruithia Asagrayana*,
Diplophyllum, *Liochama*,
Jugermannia barbata, *Mitzyria*
conjugata, *Psidium*, *Fimbriaria*
with commoner sorts -

Bryon ✓

Western Pa. Institute
Mt. Pleasant, Pa.
Oct. 20, 1881 -

My dear Mr. Collins -

Your letter received early
the past week. In reply would
say that I have been studying the
mosses, ^{& Hepatics} at odd moments and under
various limitations and disadvantages.
I began the study of Bryophytes
about Telford Vt. something
later than a year ago and with

Many mistakes and some little discrepancies
may be pointed to a general fault soon. Little knowledge
of them. From this I got *Stictopora*
lanceolata which was an addition to Mrs. Hearn's
list. I also found that Dr. Kummel's record
with me is called *Gymnicia conferta*
which was an addition to Mr. G. North's list.
Lots of *Gomphidium Drummondii*,
and then addition, the 9 & all were & so
expected. I also found Brady's *Heimer-*
ia which I do not identify -

This first summer I undertook to study
carefully the geography of those of the *Empetrum*
region with expectation of possibly
publishing a list at some time. I found
a number of very interesting species.
Particular lists of the subalpine plants
characteristic of Green Mts. are
uncommon in Mass. and in -
Polygonatum virginicum and *Asplenium*
Neomithium aciculiferum, *Brady's Heimer-*
ia *Stictis*, *Hypnum emitt. cartusianum*,
Hypnum pulchellum, (apparently)

The whole subject is one in which I
am much interested, though as you
see somewhat of a novice, and
will be glad to ~~send~~ ^{send} you any
information in my power.

Very truly yours,

A. S. Roy Andrews.

Some cliffs at No. Pownal, Vt. which
furnish many very local flowers.
I collected upon a very little -
Hymen rugosum and *Barbula*
tothosa were interesting, as also
a *Grimmia* with long-whiskered
leaves, which without fruit I could
not ascertain by place. I found one
of the *Thelias* (I think *asprella*) at
No. Pownal, reported from Vt. only
from Front's Brattleboro locality.
a *Fruillania* upon the rocks I
took for *F. Escobii* and sent specimen
to Mr. Howe but have not heard
from him.

I found also after Mr. Gray took September
month in the vicinity Danbury -

I have not kept specimens of my birds
except in few cases. I was simply getting
acquainted with forms as far as possible.
I will try to tell you specimens of any
that you care for, when I am home next
summer. I shall probably pick up something
of a few birds particularly of the
mt. Gray Lake species. I would beg to
know you tell me what treatment you
give them for good specimens.

You afraid I shall not find Boston
or vicinity in the immediate future
but shall hope another year to be
absent in the vicinity. I should care
give you any further information upon
matters or whatever of which of them
where I have studied the material in
of Cal & also on & put upon specimens
as I have opportunity. Could other
in common species from mt. Gray Lake
I know not as it will be identified.

Western Pa. Institute,
Mt. Pleasant, Pa.
Dec. 5, 1901.

Prof. J. F. Collins,

My dear Sir, —

I enclose a small
portion of my small specimen
of *Frullania riparia*, Hampe.
(*F. acolatis*, Nies.) from No. Pond,
Vermont, which may possibly
prove of interest. It is new to
the Vermont list and in fact,
I think, common in the locality

I found it upon rocks at base of limestone
d.P. at No. 7 road, the place of a
distinctly local flora. It is ~~in~~
you are welcome to it for the Club's herbarium
or other disposition. Just now I am pulling
over a specimen from the mountains near
here that suggests *Mandelia* even to form, little
but as not fruit'd I would not express a
great deal of certainty. ~~D~~ I found
Rabdosia in ~~the~~ in the mountains
with other species new to me -
By fact to favor you with any thing
I find of particular interest.

Yours by yours,

A. S. Poy Anderson.

Western Pa. Institute

Mr. Pleasant, Pa.

May 11, 1902.

My dear Mr. Collins, —

I should like to bother you with a question or two, if it will not be too troublesome for you to answer. I am planning something of a biological campaign upon our section of Massachusetts and Vermont for next summer and shall make (or try to) an extensive collection of specimens. What is most approved fashion of mounting

15 Sacramento St.

Cambridge, Mass.

Nov. 23, 1902

My dear Mr. Collins, -

Thanks very much for the copies of your *Phodora* articles. I remember finding when I was at Thetford, Vermont a form of *Lycopodium complanatum* that struck me as extremely odd, but I didn't preserve it. Since the separation of the two forms I have wondered very much 'whos this' that wasn't, perhaps the typical *L. complanatum*, but I don't remember the fruit -

I am looking forward to an account of your Bryophyte finds in Maine. Some time ago I was in Amesbury and collected a lot of Mr. Huntington's rare finds

of that place. Several Ophiogon and other things I know
investigated apt. I was much interested to find an
another case (probably Lewis, I haven't examined it closely) in
very good fruit. It is my first experience with it.
The near 96 of my summer's excursions on Mt. Gray Peak
will appear, I think, next month.

I wonder if you have been doing anything with the
Ophiogon. I have been fussing with the a little and find
them very interesting. It is surprising how little known
they are -

Thanking you again for the papers,

Sincerely,
Rick's Ray Collins.

15 Sacramento St.
Cambridge, Mass.
Jan. 11, 1903.

My dear Mr. Collins,

Thanks very much for the information
apropos of my Bryophyte list.

As to the work upon it, I had finished
all except a little consultation of literature
etc. before I came here. Since that time,
I have hardly secured opportunity to breathe.
I am still looking forward with interest
to the publication of your summer finds.

Sincerely,

E. L. Ray Andrews

Williamstown Mass.

Aug. 22, 1903.

My dear Mr. Collins, -

I am sending you a couple specimens which will perhaps be interesting when you come to making out the New England lists. I'm examining the *Wibera prodigiosa* you may have to look sharply to find the stems with the propagules, but they are present though not in the largest quantity. I found the species in great numbers in the one particular place and it seems to me, unusually well fruited.

The *Antlystrigium* compactum I have already
spoken of in *Phodusa*. If at any time
you care to see any of the species
which I have reported from here, I should
be glad to send you or have sent to you
specimens.

I have found a number of more or less
interesting things this summer. Yesterday
(in Vermont) I found what I suppose
to be *Mesia tristicha* with *Campylotrichum*
nitens.

The coming year I am to be at the
University of West Virginia in Morgantown
and shall expect to stumble upon some
interesting mosses while there.

I have no doubt you are making
some good finds though the

Mosses from the

Sincerely,
A. S. Peck

West Virginia University
Morgantown, W. Va.
Nov. 8, 1903.

My dear Mr. Collins,

I wish to thank you for a copy of your Rhodora article sent me some time ago. I have found Anacamptodon in several places about home, showing it to be, although not common, fairly well distributed in that region.

I think there is a good field for work, in Bayou and W. Va. yet, that is so far as distribution is concerned, I have been looking for them in particular the past summer and have been rewarded by finding a number of spots not often

mentioned. Found *McBria* another a Mr. Gray Coll.

Mrs. Patton says that is much less common than *W. Prologina*.

I find this a good field for collecting. Some of the mountain brooks are rich especially in *Lepidosteus*.

Among the mosses *Rhynchostegium* and the beaked *Hypha* generally are well represented. I found both *Asplenium montanum* and a *Psilotidium* near a little town at

McTear of the Ridge.

I trust you are getting on nicely with your moss-work.

I understand you and Dr. Kennedy have been assigned the creek. Did you the mosses, I wonder if you have made any arrangements about the *Sparganium*? If you have not, I should like to attempt them. I have the alder

~~of the~~ ~~family~~ well under way and could undertake, I think, work them over.

I trust you are having interesting meetings at Boston and that you are all turned up a bit for interesting material through the summer.

Sincerely yours,

A. S. Peck

Morgantown, W. Va.

Dec. 13, 1903.

My dear Mr Collins,

Thank you very much indeed for looking up the sphagnum matter. I am very glad that you have been keeping a list of the localities reported. It would be ~~impossible~~ for me to get up such a list before I could get access to the Gray Herbarium, and I should be very glad indeed to make use of your list, if it will not be too much trouble to you.

I shall be ready to look

over your specimens at almost
any time now, as it may be
convenient for you to send
them. Send them at my expense
or if by mail, I will return the
postage. I am negotiating for
Wanstorff's latest treatment of
"The European Sphagnum in
Kryptogamen flora der Mark
Brandenburg" Bd. I. "Leber- und
Torfmoose" von C. Wanstorff
Berlin, 1903. I believe Levas
gives them a very thorough
overhauling in that.

I notice Dr. Evans has straightened
out *Odontochisma* for us.

Thanking you again for your
kindness, I am,

Sincerely yours,

A. S. Peck

Morgantown, W. Va.

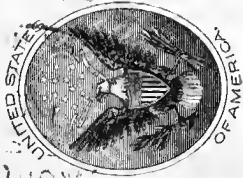
Dec. 27, 1903.

My dear Mr. Collins, -

There is no hurry about those specimens. I shall have to work them over at odd moments, and can do them about as well a second time as a first. I don't think I shall find the list necessary till I have looked over what specimens I ~~get~~ have available, and then we can ~~make~~ ^{make} ~~arrange~~ ^{arrange}, I think, some ~~method~~ ^{method} of procedure, which will be as little trouble as possible.

Trusting you are having a very pleasant Holiday season.

I received Sincerely yours,
your card. If you have
the specimens ready
I can attend to them directly. *A. L. R. Andrews*
and much obliged for them.
Found North a *crinitiformis* *Linn. Evans*
O.K.



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J. F. Collins

468 Hope St.

Providence

R. I.



My dear Mr. Collins, -

Your *Sphagnum* have just come
to hand in good shape.

Thank you very much.

I note from your figures that
you have been doing considerable
work with them. Your material
in the *cym. bifolia* is interesting,
especially in connection with *S.*
affine. Roll evots disparagement
upon Wainwright's treatment of
this group and ~~the~~ speaks
of "*form. muricatum*" rather than
species. Nobody appears to
pay much attention to him,
however.

Sincerely,

Mary Anton, W. C. Le Roy Andrews

Jan. 4, 1904,



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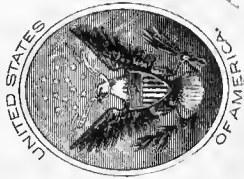
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My dear Mr. Collins, -

I am making fair progress
with the sphagnum you sent.
I have looked through the acutifolia
section and am beginning
the cuspidata. Specimens
collected from Cedar Swamp
Pond, Barriellville, R. I. ^{in May, 1903}
are beautiful examples of
S. macrophyllum. I don't
think it has turned up previously
north of New Jersey, though
you may perhaps have a record
of it - a distinctly southern
species. With best wishes,

With true & sincere
yours,

Morganston, A. L. Roy Andrews,
Feb. 9, 1904.



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THE SPACE BELOW IS FOR THE ADDRESS ONLY.



J. F. Collins

468 Hope St.

*Providence
R.I.*

West Virginia University
MORGANTOWN, W. VA.

DEPARTMENT OF GERMANIC LANGUAGES
FRED. W. TRUSCOTT, PH. D.
A. W. PORTERFIELD, A. M.
A. LEROY ANDREWS, A. M.

May 8, 1904.

My dear Mr. Collins,

Thank you for the copy of your articles in *Biologist*. I am glad you have gotten hold of the European literature on the subject.

I have finished working over your sphagna and shall send them back as soon as possible the present week. I have labelled them in the light of the *Sphagna Borilensis*, the descriptions of Warstedt the plates of Braithwaite, etc., following Warstedt so far as species are concerned, though I can't see much in many of his varietal distinctions. The color ones seem of no value and I think Röll is right in throwing them out or reducing them to a category subordinate to varietal and form. I don't make much out of *S. affinis*. It seems to be *S. imbricata* without the comb-fibrils and runs completely into the squarrose variety of *S. cymbifolia*, and has plainly been so understood by Braithwaite and others. I am very much obliged for the use of the specimens and trust they will reach you in good shape. Where I have disagreed with previous determination I have generally merely placed bit of paper beneath the label, with name & comment.

Sincerely,
A. Leroy Andrews.

Dartmouth College
Hanover, N. H.

May 7, 1905.

My dear Mr. Collins, -

About that list of Phloga,
I have looked over a pretty extensive range
of specimens, have gotten through the major
part of the Eaton Herbarium. I expect
to leave for Europe in the early summer,
for a stay of a year or two. If possible
I should like to get the check-list
ready before I go. I think I can finish
the examination of specimens. With
reference to the reported localities, I
wonder if you can furnish me your
card-lists, or if you would care to
fill in a copy of the list as I have

it at present. Do not put yourself out if it will
be a lot of trouble. I should also like to ask you
about the notes of the following members of the
Museum: credited to Phale Island by the
Barnett list, but not seen at the Museum in
Cambridge; Humulus ^{sp. n.} ~~sp. n.~~ W. T. m. m. s.
W. T. m. s. W. T. m. s. W. T. m. s. W. T. m. s.
and Panistana Panistana, M. T. P. All of
them should be expected to occur in the state.

I saw the Photographs you took upon your
last summer's 'Garp's' trip and quite missed you
tho, by opportunity collecting you must have had.
I have gotten together a very little material
in this region.

While in Germany last summer I took
occasion to call upon Count and found
him a very delightful old man. His last work
on the opportunity traces & not discovered upon
the part which I visited from which leaf
has been made.

I had been thinking toward Delaware for the
coming summer, but can hardly do so. Steps
to try it at a later time. If my thing goes well
I may pick up a few things in Norway.
Wishing you all progress with the museum.

Very sincerely,
A. S. Peck

Notes to Sphagnum-List

The above List is based essentially upon the latest treatment of Warnstorf (Kryptogamenflora des Mark Brandenburg und angrenzender Gebiete, Bd. I, Leber- und Torfmoose, von C. Warnstorf, Leipzig, 1903. Sphagna Ss. 292-467), which considers the Sphagna of Europe. Nearly all of the ~~American~~ ^{New England} species are common to Europe. This recent work differs from Warnstorf's earlier treatment of North American forms (Contributions to the Knowledge of North American Sphagna, Bot. Gaz. Vol. 15, 1890, pp. 127-40, 189-95, 217-27, 242-55), with later scattered descriptions collected in Barnes and Herald's Keys, in the fact that several forms there treated as varieties have been elevated to specific rank. In the treatment of species I have differed in the following points: *S. subulatum* Hump. (*S. intermedium* Russ., *S. centrale* C. Jens.) I have not been able to satisfactorily separate from the forms of *S. cymbifolium*. It is placed between this species and *S. papillosum*, having walls of hyaline cells of branch leaves smooth as in *S. cymbifolium*, but differing slightly in shape and position of chlorophyllous cells, a matter however of considerable variability in the group as Roll has pointed out. I have seen New England specimens referred to it. *S. parvifolium* (Dudt.) Warnst. I have retained in its former place as variety of *S. recurvum*. *S. Toneyanum* Sull. and its variety *Miquelouense* I have in the same way retained with *S. cuspidatum*. With reference to the varieties, which have been named in such numbers in this genus, I have included such as appear to show a distinct and readily recognized variational tendency, upon which various authors show general agreement. In so doing I have omitted varieties based upon the presence of greater or less amount of coloring pigment, relative slenderness or compactness of the plant, direction of the branches

and other characters possibly explainable as due to immediate environment of the plants, calling for an arbitrary determination, and of questionable systematic value. In case a species has been exhausted by varieties so that no form appears to remain under the head of the species, as in *S. imbricatum*, I have omitted the variety corresponding with the original conception of the species, in this case var. *cristatum* Warnst.

In the same way I have included var. *micronatum* Russ. with its species *S. recurvum*.

If the list emphasizes the fact that the New England species, or for that matter the American species of *Sphagna*, are in need of extensive collection and study, it will have served its purpose. A very little collecting in Vermont should serve to fill many gaps in the list, while the same is true in hardly less degree of the other states. Especially do the questionable aquatic forms need attention. The status of the species, especially in the subsecunda group, can hardly be regarded as settled, and demands the attention of the collector.

In addition to the species included in the list the following European forms may be looked for in New England with a prospect of success: *S. Angstroemii* Hartm., a very distinct species of high latitudes, may possibly be found in the mountains of the three northern states. It has recently been ^{collected} discovered in America, a specimen kindly communicated by Herr Warnstorf bearing the label, Hunter Creek, Yukon, J. Macoun, '02.

From the curpidata group the following are to be noted:

S. monocladum (v. Klinggr.) Warnst., *S. Trinitense* C. Müll. (known also from Florida), *S. fallax* v. Klinggr., *S. obtusum* Warnst., *S. Dalticum* Russ., *S. Schultzii* Warnst., *S. hypnoides* (A. Braun) Bruch; from the *acutifolia* group *S. subtilis* (Russ.) Warnst.;

from the subserunda group, *D. crassicaudum* Warnst.,
D. turgidulum Warnst. Furthermore several species of
~~the~~ southern United States range occurring as far north as
New Jersey, mostly members of the *eynlofolia* and *subserunda*
groups, may be sought in the coast-region of Connecticut
and Rhode Island. The specific value of most of the latter
segregates can ~~hardly~~ ^{be} ^{regarded as} determined without more
extensive collections.

With reference to the ~~location~~ ^{record} of localities, specimens from
which ~~specimens~~ were not seen, Mr. J. F. Collins has very kindly
examined the local lists and the ~~signs~~ ^{signs} in the ^{above} list are
to be accredited to him.

A. Le Roy Andrews

Berlin.

Preliminary Lists of New England Plants, -

Sphagnum.

A. L. Roy Andrews.

	Me.	N.H.	Vt.	Mass.	R.I.	Conn.
<i>Sphagnum acutifolium</i> Ehrh.	+	+	+	+	+	+
" <i>auriculatum</i> Schpr.	+			+		
" <i>compactum</i> DC.	+				+	
" " var. <i>squarrosum</i> Russ.	+			+		
" <i>contortum</i> Schultz		+		+	+	+
" <i>cuspidatum</i> Ehrh.	+		+	+	+	+
" " var. <i>calcatum</i> Russ.	+			+		+
" " var. <i>Miqstouense</i> R. & C.	+	+	+	+	+	+
" " var. <i>plumosum</i> Bryol. Germ.	+			+		+
" " var. <i>Taneyanum</i> (Sulliv.) Braithw.				+		
" <i>cymbifolium</i> Ehrh.	+	+	+	+	+	+
" " var. <i>squarrosum</i> Bryol. Germ.	+	+		+		+
" <i>dasyphyllum</i> Warnst.						+
" <i>Dusenii</i> C. Jensen	-	+				
" <i>fimbriatum</i> Wils.	+	+		+		+
" " var. <i>squarrosum</i> H. Müll.				+		
" <i>fuscum</i> (Schpr.) von Klingg.	+	+	+	+		+
" <i>Garberi</i> L. & J.	+					
" <i>Girgensohnii</i> Russ.	+	+	+	+		+
" " var. <i>complanatum</i> Russ.	+	+	-	+		
" " var. <i>molle</i> Russ.	+	+		+		
" <i>imbricatum</i> Hornsch.		+		+	+	+
" " var. <i>affine</i> (R. & C.) Warnst.	+	+		+	+	+
" " var. <i>sublaeve</i> Warnst.	+	+		+	+	+
" <i>inundatum</i> Russ.	+	+		+		
" <i>Lindbergii</i> Schpr.		+				
" <i>macrophyllum</i> Bernh.					+	
" <i>medium</i> Limpr.	+	+	+	+	+	+

<i>S. molle</i> . (see below)	Me.	N. H.	Vt.	Mass.	P. I.	Conn.
<i>Sphagnum molle</i> Bruch	+					
" <i>obesum</i> Wils.		1		+	+	+
" <i>papillosum</i> Lindb.	+	+			+	
" <i>platyphyllum</i> Sulliv.				+		+
" <i>plicatum</i> Warnst.				+		
" <i>pulegium</i> (Lindb.) Warnst.	+	+				
" <i>Pyraisi</i> Brid.	+	+				
" <i>quinquefarium</i> (Braithw.) Warnst.	+	+	+			
" <i>recurvum</i> Beauv.	+	+		+	+	+
" " var. <i>amblyphyllum</i> Russ.	+	+	+	+	+	+
" " var. <i>parvifolium</i> (Sudt.) Warnst.	+	+	-	+	+	
" <i>riparium</i> Angstr.		+				
" <i>rufescens</i> Bryol. Germ.	+	+		+	+	+
" <i>Russowii</i> Warnst.	+	+	+			
" <i>squarrosum</i> Pers.	+	+	+	+		
" <i>subnitens</i> Russ. & Warnst.	+	-		##		##
" " var. <i>flavicomans</i> (Card.) Warnst.	+			+		+
" <i>subsecundum</i> Nies	+	+	+	+	+	+
" <i>rubellum</i> Wils. * (insert before <i>S. rufescens</i>).	+	+	+	+		+
" <i>tenerum</i> (Aust.) Warnst.	+	+	+	+	+	+
" <i>teres</i> (Schpr.) Angstr.	+	+	+	+		
" " var. <i>squarrosum</i> (Lag.) Warnst.	+	+	+			
" <i>Warnstorffii</i> Russ.	+	+	+	1		+
" <i>Wulfianum</i> Girgenz.	+	+	+			
" <i>molle</i> Sulliv. * (insert before <i>S. molle</i>)	+					

Synonyms in above list

- *S. Austini* Silliv. = *S. bicatum*.
S. affine R. & C. = " var. *affine*.
S. glaucum var. *kinggii*.
S. gynerioides var. *americanum* (Rus.) = *S. gynerioides* var. *americanum*.
S. multicolor Schaff. = *S. multicolor* Schaff. This species has not been able
S. umbellatum Schaff. = *S. umbellatum* Schaff. This species has not been able
to be distinguished from *S. gynerioides* though it is a distinct
species.
S. rigidum Schff. = *S. pulchrum* DC.
S. angustatum Hartm. has been found in Canada and should be looked
for in New England.
S. recurvum var. *pulchrum* Little = *S. pulchrum*.
S. obtusum Warnst. not yet made out in New England - to be looked
for.
S. Torreyanum Silliv. = *S. cuspidatum* var. *Torreyanum*.
Warnst. of maintain this as a distinct species - the var. *Megopotamicum*
under it.
S. intermedium Hoffm. = *S. recurvum*.
S. recurvum var. *nucronatum* (Rus.) = *S. recurvum*.
S. parvifolium (Sedg.) Warnst. = *S. recurvum* var. *parvifolium*.
S. Mendocinum - from New England appears to be *S. Dusenii*.
S. tenuillum (Schaff.) Little = *S. mollescens*.
S. strictum Little = *S. glaucum*.
S. tenuillum (Schff.) var. *kinggii* = *S. umbellatum*.
S. Mülleri Schff. = *S. molle*.
S. laricinum Spence = *S. contortum*.
S. Gravetii Rus. = *S. anniculatum*.
The others not included in list may be disregarded.

~~*S. Atractum* var. *f*~~

S. cuspidatum var. *Torreyanum* reported by Grant from Vermont
was based upon a specimen collected in West Roxbury, Mass.

My dear Mr. Collins, —

I am sending you the check list of *Zophagus*. I think it represents a fairly complete list of the New England collections. You may however find a few records not included. I should be very grateful if you ~~can~~ can find the time to fill in and send in for publication. Be sure to credit yourself in the published list for your part in the work. The notes in pencil are for your own use, not for publication. I hope if I ever get more leisure to work up a few notes on the New England species. I am leaving directly for Europe, perhaps for two years. If you wish to communicate with me for any purpose you can reach me through a letter sent to Williamstown, Mass. Wishing you a profitable and enjoyable summer.

Very sincerely,

Williamstown Mass. C. L. Ray Andrews.

July 18, 1905.

Munkedamsveien 72^I.

Christiania, Norway,

Oct. 5, 1905.

My dear Mr. Collins, -

You may put an extra + in that
Sphagnum-list for *S. recurvum* var.
parvifolium for Vermont, as I have seen
a specimen from the locality cited in
Grout's list. Otherwise I haven't anything
to add to it. Warnstorff's latest treatment
of the European Sphagna is in the "Krypto-
gamienflora des Mark Brandenburg"
of which "Leber- und Torfmoose" by C. Warnstorff
constitutes one volume, or a part of one, published
at any rate as a unit, the "Lanemoose"
being not yet complete.

I trust you had a summer of very productive
collecting. I have been here now a little
over two months, and have made two or
three Bryophyte excursions with Herr Karsten.
I suspect you should get some of these
Scandinavian species in your Durbin
collections. My address after the next
week will be Stygitzstr. 20^{III}, Berlin, W.
Germany. With best wishes

Sincerely yours,

A. LeRoy Andrews.

Providence

Nov. 4, 1905

Dear Mr. Andrews.

I sent you, Mrs. in + Rhodora
some time ago. I did not ^{add any numbers} ~~make any changes~~
to your list as I was unfamiliar with the
system you ~~was~~ used. I found in my records
a number of varieties which you did not
mention. Not knowing how you regarded these
~~varieties~~ — whether ^{to be merged or} ~~to be merged or~~ ^{as unimportant to mention} ~~to be merged~~ — I did not dare to make any
changes other than add a few dashes after
names already in your list

Very truly

J. E. S.

Williamstown, Mass.

Nov. 7. 1910:

My dear Mr. Collins:

Your letter
received today, as my son
Albert Le Roy Andrews is abroad.
I took the liberty of opening it.
I will send it on to him
tomorrow, and will give you
his address. He is studying
in Berlin, Germany.

His address -

Steglitzerstrasse 20^{III}

Berlin. W.

Germany -

Very truly yours.

Ablett L. Andrews -

(Mrs A. B. Andrews).

Steglitzstr. 20^{III}.

Berlin, W.

Feb. 25, 1906.

My dear Mr. Collins,

I am sorry indeed that I could not attend the anniversary Celebration of the Botanical Club. I have the new book with a copy of Mr. Williams' interesting Club history.

With reference to the Sphagnum I have written Mrs. Britton. I think I can attempt them if she cares to trust me with them. I can do a good deal of the Bibliographical work, etc. at odd moments over here and get things in shape for the examination of American specimens when I come back. I may be over here for another year or even two of them, and have

a lot of work on Program. I'll be fortunate to hope to
get a couple weeks in the summer for trapping and collecting
in the Norwegian mountains

Berlin is now in partial way in preparation for
the royal wedding. Activities are suspended for a couple
days. The number of royal holidays inflicted upon us
is something appalling.

Wishing you all success in your work. Walden and that is
you again for trouble with my program. Walden says.

Very sincerely yours,

A. S. Roy Anderson.

508 University Ave.

Ithaca, N. Y.

Dec. 5, 1909.

My dear Professor Collins: -

I have neglected writing to you about the Sphaera you spoke of, because so much material has been sent me for determination that my little spare time has been constantly taken up for some time in advance. I have now about everything cleared up and would be glad to look over your collections so far as they have

not yet been worked out and would
be very grateful for a specimen of the
fruiting *S. macrophyllum* you alluded
to. You are entirely right in
concluding that Warnstorf's measurements
of pores were wrong, the size and
number of these are however not of
specific value. In looking over a
considerable number of specimens in
New York I found all possible
transitions between typical form and
S. floridanum so that the latter
will certainly have to be reduced.

I notice you have been doing some
U.S. government work. I trust you

will not desert the more allogamous. And is

The N.S. Chalk. but coming on? Of course you
Sphaerium worked through, I shall perhaps try to
work through some other small groups. Of them
to such a one in which I can be of any use to
Mr. Clark. but, I shall be glad to do what I can.
I expect to get my treatment of Sphaerium in shape
by the end of 1910.

Keeping all a going well with you, with
kindest regards.

Very sincerely yours,
O. A. Roy Anderson.

19 Jan. 1910.

Mr. A. LeRoy Andrews,
508 University Ave.
Ithaca, N. Y.

My dear Mr. Andrews:-

For various reasons I have delayed answering your letter of a month ago, not the least of which has the fact that I have been very busy, and also the "gripic".

First I wish to thank you for the reprint of the Bryologist article which I have just received.

In your letter you speak of some fruiting *Sphagnum macrophyllum* that you are supposed to have collected. I don't know what you mean, as I have never, so far as I can recall, collected that species in fruit.

During your absence in Europe I sent quite a number of my sphagna to Tarnstedt, at his special request, but from several appearances he has mixed labels so that I am still uncertain about some of those sent to him. I still have a good many that are unnamed, and I shall be only too glad to have you look them over, and even those that W. has named, if you wish. I may send them in small packets, as I happen across them, unless you prefer to have the whole at once.

Perhaps when you get time you may feel like publishing an Addendum to your former *Sphagnum* list in Rhodora, following the custom of others who have already published lists. That would be very nice, I think, if you have enough for such an article.

I certainly hope you will feel like tackling some other moss group for the check-list when *Sphagnum* is completed.

Cordially,

508 University Ave.

Ithaca, N. Y.

Jan. 23, 1910.

Dear Prof. Collins: -

Thanks very much for set of
reprints received from you some time
since.

With reference to the *Sphagnum macro-*
phyllum, I had understood you, when
speaking of last summer of having
collected it, to say that you had found
it in fruit, but evidently misunderstood
you.

Send on the specimens as suits your
own convenience and as many as you

would like to have examined, and I
will look them over as I get opportunity
and be glad to see them.

I am hoping to get the supplement
to Rhodora list ready sometime in the
not too distant future and to attack
some other group sometime for the New
England check-list. I find my biological
time diminished more and more by these
other duties, but intend to keep it as intact
as I can.

I was interested to learn that you are
working up the Polytrichaceae for the "No.
American Flora":

With best wishes

Very sincerely yours,
A. L. Ray Anderson.

324 College Ave.

Ithaca, N. Y.

Dec. 1, 1912.

Dear Professor Collins:

I am informed you have a specimen
of *Sphagnum macrophyllum* from Maine.

I wonder if I might ask for the loan of a
bit of the specimen, ^{so} that I may let records
it from there in the forthcoming part of
North American Flora. It is certainly a
find of remarkable interest!

You haven't any other equally startling
Sphagnum finds, *S. portoricense* for example,
Love you? I should think *S. Pyrenaeum*

might turn up somewhere in Rhode Island.
It was collected once at New Bedford.

With best wishes

Very sincerely yours,

A. LeRoy Andrews.

468 Hope Street,
Providence, R.I.

10 Dec., 1912

Dr. A. LeRoy Andrews,
324 College Ave.,
Ithaca, N. Y.

Dear Dr. Andrews:

I inclose the only stem of the Sphagnum macro-
phyllum from Maine that I possess. It was growing amongst
a lot of other Sphagna, and it was not noticed until I began
to overhaul the material to dry it. It was collected, as I
recall it now, while on a sort of picnic trip where most of the
collecting had to be done by grabbing a quantity of stuff and
rushing on so as not to delay the party. I have never been
back to the place since.

When you return it please send it by first class mail
as that is about the only kind that seems to come through on
time during the Christmas rush.

Very truly yours,

The Elsa Gray Bulletin,

Kensington Md

Washington, D. C.

Feb, 28 1898

Mr. J. Franklin Collins,
126 East Ave,
Providence, R. I.

Dear Sir:-

Referring to your postal of Feb 20 asking in delay if
a spare copy of No. 1 of the Bulletin could be procured, I am
sorry to say no extras can be found. The copy was on the
way to the binder so I have copied the Whites' list of

Not Desert names for you - mistakes and all,
if there is call enough in way reprint No. 1 at
some future date.

Very truly yours,

Robert T. Hicks

Index of mosses
Cott. Col. Nov. 4, 1891.

From Asa Gray Bulletin #1. [1893]
copied by Gilbert H. Hicks. Feb 28. 1898.

MOSSES OF MT. DESERT MAINE, COLLECTED BY
THEODORE WHITE, AUG. 1892.

---:o:---

Dicranum scoparium, Hedw.
var. pallidum, Muell.
~~—~~ squarrosus, L. & J.
~~—~~ rupestre, L. & J.
~~—~~ paludosum, Brust & Schrimp.
~~—~~ falcatum.

Dicranum Spurium, Hedw. (fruited)).
Drummondii, Muell.
undulatum, Turner. (The typical
form and also a curious form
with five pedicels).
flagellare, Hedw.
palustre, Brid.
fuscescens, Turn.
Schisti, Lindh.
longifolium, Hedw.
viride, Schimp. (A single spe-
cimen).

Dicranella heteromalla, Schimp.
Hypnum uncinatum, Hedw.
Schreberi, Willd.
triquetrum, L.

~~Hypnum uncinatum, Hedw.~~
splendens, Hedw.
delicatulum, L.
fluitans? L.
Jamesii, Aust.
aduncum, Mitt?
chrysophyllum, Brid.

Hypnum cupressiforme, L.
var. filiforme, Brid.
~~—~~ fastigiatum.
~~—~~ Resupinatum.
Crista-castrensis, L.
recurvans, Schwaeger, (a sin-
gle specimen).
denticulatum, L.
Novae-angliae, Sullv & Lesq.
curvifolium, Hedw.
cordifolium, Hedw.
turfaceum, Lundt?
velutinum, L.
fertile, Sendt?

Hypnum ochraceum, Turn.

eugyrium

eugyrium, Schimp. (a single specimen)

micans , Schwartz

Haldanum^{ion}, Hedw.

imponens, Hedw.

plumosum, Swz.

recognitum, Hedw.

rutabulum, L.

Mnium Hornum, L.

cuspidatum, Hedw.

punctatum, Hedw.

rostratum, Schwaeger

Polytrichum commune, L.

juniperinum, Willd.

var. *alpinum*, Schimp.

strictum, Banks.

piliferum, Schreb.

Philonotis fontana, Brid. (two forms)

Aulacomnium palustre, Schw. (three forms)

Pogonatum alpinum, (L) Roehl.

Tetraphis pellucida, Hedw.

Tetraplodon mnioides, Bruch. and Shimp. (bearing beautiful fruit)

Ceratodon purpureus, Brid.

Bartramia pomiformis, Hedw.

Funaria hygrometrica (L) Sibth.

Ulota Hutchinsiae, Schpr.

phyllantha, Brid.

Ludwigii, Brid.

Bryum caespiticium, L. (a single specimen)

Webera nutans, Hedw.

Grimmia apocarpa, Hedw.

var. *gracilis*, N. and H.

conferta, Funck.

fasciculare, Brid.

macrocarpum, Brid.

Trematodon ambiguus, Hornsch.

Atrichum undulatum, (L) Beauv.

Hedwigia ciliata, Ehrh.

Fontinalis Novae Angliae, Sulliv.

Neckera pennata, Hedw.

Leucobryum albidum, Brid.

glaucum, (L) Schimp.

Andræa^e petrophylla, Ehrh.

CAMBRIDGE, MASS., *October 12, 1885.*

J. Franklin Collins
.....

DEAR SIR:

The coming 18th day of November marks **Dr. Asa Gray's seventy-fifth birthday**. It seems a fitting time for the botanists of North America to join in some token of their esteem and good wishes for one who has done so much towards the study and classification of the flowering plants and the general advancement of the botany of this country. Many memorials have been presented to Dr. Gray but most of them have come from near and personal friends. The idea of this one originates with those further away.

It is not decided what form this memorial will take, and we should be glad to receive any suggestions. The intrinsic value of it will, of course, be of least account in the eyes of the recipient; its value will depend chiefly upon the number who unite in the offering.

Will you join with other botanists in sending such a token to Dr. Gray? If so, send **at once** whatever you wish to contribute — 25c., 50c., \$1, \$5, any sum you please — to **Charles R. Barnes, 14 Buckingham St., Cambridge, Mass.**, who will return receipt if desired. Please also **enclose your card** with some sentiment suitable to the day inscribed thereon. This will accompany the gift.

In order that this matter may not reach the public prints be kind enough to say nothing about it.

The time is very short; will you give this your **immediate attention and make a reply of some kind?**

Sincerely yours,

J. C. ARTHUR,
C. R. BARNES,
J. M. COULTER.

Cambridge, Mass.

Oct. 19-

Dear Sir:-

Your note with enclosure rec'd. Thanks -

Yours &c

C. R. Barnes

PROV
R.I.
OCT 20 85
2 PM

J. Franklin Collins
10 Carroll St.
Providence, R.I.



PROV
OCT 20 85



NOTHING BUT THE ADDRESS CAN BE PLACED ON THIS SIDE.

CAMBRIDGE, MASS.,

NOVEMBER 20, 1885.

The self-appointed committee who undertook the collection of funds for a birthday token to DR. ASA GRAY, desire to report their action.

Circulars were sent to all botanists whose addresses we could obtain in the very limited time at our command. Doubtless many were omitted who would have been glad to contribute. All such omissions must be ascribed to the absolute necessity for haste.

By the 31st of October the number of replies received, and the amount contributed, seemed to indicate that about \$300.00 would be in hand before the 18th of November. Accordingly Messrs. Bigelow, Kennard & Co. of Boston, were asked to prepare a design for a vase of solid silver, with appropriate floral decoration, whose cost should not exceed \$300. The design was submitted on Nov. 3, and after consultation with as many as possible at Cambridge, was accepted with slight modifications. The vase with its pedestal was completed Tuesday night and presented without formality on Wednesday morning, the 18th inst. The cards which accompanied the subscriptions were placed on a silver tray and presented as the greetings of those who embodied their good will in the vase.

A full description of the vase, with illustrations of both sides, will be published in the December number of the *BOTANICAL GAZETTE*, a copy of which will be sent to you. The January number will contain a portrait and biographical sketch of DR. GRAY, together with some of the poems, congratulatory addresses, etc., which were sent on his birthday. Orders for this number (20c. per copy) should be sent early to John M. Coulter, Crawfordsville, Indiana.

Receipts and expenditures have been as follows:

By 180 cash subscriptions	\$338.
To printing, postage and envelopes	\$ 6.95
To discount on Canadian money04
To car fare, six special trips60
To vase and card plate	325.00
To printing, postage and envelopes	5.41
	<hr/>
	\$338.

J. C. ARTHUR,
C. R. BARNES,
J. M. COULTER.

The Botanical Gazette.

EDITORS:

JOHN M. COULTER,
WARASH COLLEGE, CRAWFORDSVILLE, IND.

CHARLES R. BARNES,
PURDUE UNIVERSITY, LAFAYETTE, IND.

J. C. ARTHUR,
AGRIC. EXPER. STATION, GENEVA, N. Y.

Cambridge, Mass.
June 7. 1886.

My dear Sir :- I shall be glad to name your mosses for you if you will send me numbered duplicates, taking care that the specimens you send really correspond to the ones you retain: otherwise you will be confused by the naming -

Very truly yours,

C. R. Barnes

I shall also be glad to give you any assistance I can in studying the mosses -

B

help you in their determination. Do not send
The Botanical Gazette. any more specimens here

EDITORS:

JOHN M. COULTER,
WABASH COLLEGE, CRAWFORDSVILLE, IND.

CHARLES R. BARNES,
PURDUE UNIVERSITY, LAFAYETTE, IND.

J. C. ARTHUR,
AGRIC. EXPER. STATION, GENEVA, N. Y.

as I leave on the 29th for
Lafayette - I shall be on the
wing until Aug 25. - Shall I
not meet you at the A.A.A.S.

at Buffalo, Aug. 17? Cambridge, Mass.
Truly yours C. R. Barnes June 17, 1886.

Dear Sir:- Your letter and package
of mosses came duly to hand. I
looked them over yesterday afternoon
The list is as follows:-

1. Hypnum sp?
2. Bryum (Webera) nutans.
3. Ulota crispa.
4. Polytrichum commune.
5. Tetraxis pellucida - (in fine condition)
6. Hypnum sp? (Too young)
7. Diphyseium foliosum.
8. Ulota Hutchinsiae.
9. Mnium affine.
10. Mnium cuspidatum.
11. Dicranum Scoparium.

Your determinations were right ex-
cept in the case of No 3.

Nos 1 and 6 I shall not attempt to name
now. I hope some day to give this genus
a thorough overhauling and should be glad
of all the species you can get hold of -

N^o 5 is specially fine because of the presence of calyptrae, which are usually gone from herb. specimens.

When you send other specimens number them consecutively with these please: then I can refer to any of your specimens by number at any time.

Respecting your inquiries:

Your method of collecting is as good as any when you have plenty of time, but if hurried in field-work there is probability of slighting the preparation of specimens. Whatever you do, don't do that! I think no better advice can be given than Simprich's in "Die Laubmoose" — "Sammle reichlich! Präparire sauber!" That followed insures good, clean, characteristic specimens, and plenty of them. When your time in the field is limited you will find it advantageous to drop your specimens into cornucopias of stiffish paper and do the washing, and arranging at home. Thus wrapped they can be carried in a basket or knapsack or bucket or vasculum or — anything!

My only criticism as to your specimens is that while good some were rather scanty. When you have plenty send liberal specimens to exchangers — I shall expect much from your Maine trip + would be glad to

Cambridge, June 24.

D. Sir:— I should advise you to put
your money first into Müller's Synopsis
Muscorum (1857, Latin) wh. contains de-
scriptions of ^{very} many of our mosses— ad-
mirable descr^s, too.— This wd supplement
the L. + J. better than Sullivant. Keep a
lookout for the latter & you'll pick it up
for less than 4⁵⁰ somewhere. You can get
Müller from Friedländer & Sohn, Berlin.
Index is about ready to send out.

Yrs &c. C. R. Barnes

Providence, R.I.

J. Franklin Collins
10, Carroll St

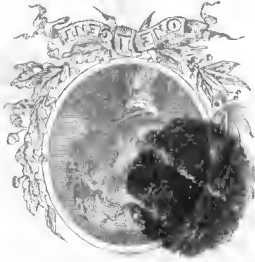
PROVIDENCE
R.I.
JUN 24 88
9 PM

Nothing but the address to be on this side.

BRIDGE ST
PROVIDENCE
MASS

POSTAL CARD

UNIONED STATES



PURDUE UNIVERSITY,

LAFAYETTE, IND.

Sept. 20. 1886.

My dear Mr. Collins:-

Your letter and
pkg are both received

I will get at the mosses
as soon as possible, i.e.,
as soon as the pressure of
the beginning of a new year
of college work has eased
up -

Many thanks for the specimens.

Most sincerely yrs,

C. R. Barnes

LAFAYETTE, IND.

Sept. 30.

Dear Sir :- Haut Dissection, can
be had of Henry Holt & Co., # 29
W. 23rd st., New York City, @
\$1.50 per copy -

Truly yrs,

Chas. R. Barnes.



Providence, R. I.

J. Franklin Collins
#10 Carnall St.

Nothing but the address to be on this side.



UNIVERSITY OF WISCONSIN,

Botanical Laboratory.

CHARLES R. BARNES, Professor of Botany.

MADISON, WIS., U. S. A. Jan. 29. 1889.

J. Franklin Collins,
10 Carroll st., Providence, R.I.

My dear sir:--

I fear that you have ere this given up all hope of hearing from me regarding the mosses you sent me long ago for naming. I looked over about half of them last summer, and was then compelled to defer the study of the rest by the receipt of more urgent collections. A few days ago I finished all but some of the Hypna. Now I ^{must} ~~am to~~ devote all my spare time to elaborating a collection by Dr. Röhl along the line of the Northern Pacific for the herbarium of the National (German) School of Forestry at Zöschen. As this work will take several months I will not delay sending the names of those I have determined, and returning specimens of those which I have not yet examined.

- | | |
|------------------------------------|--|
| ✓12. Bartramia Oederi, Swartz. | ✓22. Hypnum recognitum, Hedw. |
| ✓13. Bartramia pomiformis, Hedw. | ✓23. Ceratodon purpureus, Brid. |
| ✓14. Desmatodon obtusifolius, Sch. | ✓24. ----- |
| ✓15. Dicranum flagellare, Hedw. | ✓25. Bryum argenteum, L. |
| ✓16. Hypnum Schreberi, Willd. | ✓26. Ulota Ludwigii, Brid. |
| ✓17. ----- | ✓27. Leptotrichum tortile, Müll. |
| ✓18. ----- | ✓28. Dicranella heteromalla, Sch. |
| ✓19. Ceratodon purpureus, Brid. | ✓29. ----- |
| ✓20. Bryum caespiticium, L. | ✓30. ----- |
| ✓21. Dicranella cerviculata, Sch. | ✓31. Dicranum fuscescens, Turn.
var. longirostre, Schimp. |

The best find is the Dicranella cerviculata. Most of the rest are common. Unstudied specimens are enclosed. Regretting the delay, and the necessity of leaving the work unfinished, I remain,

Very truly yours,

C. R. Barnes

Prov. Mar 21/92

C. R. Barnes

Dear Sir

In sending my
subscription recently for Bot
Gaz. I should have said
commence with Jan numbers.

I have just received the
Mar. no. and consequently judge
you understood that I wished
to commence with that ~~Mar.~~ no.

Yours very truly

D. F. C.

106 East Ave

Paris, Apr 28/92

Mrs C. R. Barnes,

Macleod's ^{Mag.} ~~Mag.~~

Dear Sir: - current Vol. of

In subscribing for the ^{1st} Part. Mag. in Feb. I expected the ~~Mag.~~ ~~to~~ to commence with the Jan. number instead of March. I wrote you about the matter immediately after receiving the ~~first~~ ^{the} March issue a month ago. but fear ~~the~~ ^{the} communication failed to reach you. as I have heard nothing ~~about it.~~ ^{about it.} in any way. Will you ~~be good~~ ^{kindly} ~~send~~ ^{forward} the Jan & Feb issues forwarded?

Yours sincerely

D. C. S.

Dear Sir:

MADISON, WIS.

May 2. '92

We beg to acknowledge with thanks the receipt of your late favor with ~~enclosure of \$..... covering~~ notice of non-receipt of Jan. & Feb. nos. which have now been ordered sent you. This is the first notice received. We hope you will receive no. promptly. They should reach you within a week after this.

Yours truly,

The Botanical Gazette,

per
CHAS. R. BARNES.



NOTHING BUT THE ADDRESS TO BE ON THIS SIDE.

J. Franklin Collins,
106 East ave.,
Providence, R.I.

Mon Aug 3, 1892

Wm. B. Barner

Madison Wis.

Dear Sir,

Enclosed ~~find~~ find
P.O. note for ~~five~~ cents for which
please send me your "Key to the Genera and
Species of Luce". ~~Also~~ Also the
amendations and additions to same.

Sincerely yours

J. F. Collins

106 East Ave.

MADISON, WIS.

1892

Dear Sir:

I beg to acknowledge with thanks the receipt of your late favor with enclosure of \$50 covering order for Keys to Mosses which is sent today. Delay owing to my absence from home.

Yours truly,

~~The Botanical Gazette,~~

C. R. Barnes
Per



NOTHING BUT THE ADDRESS TO BE ON THIS SIDE.

J. Franklin Collins
Providence,
106 East Ave. R.I.

Pam Feb 29, 1895

Prof C. R. Bammer,
Madison Wis.

Dear Sir -

Can you inform me of the
approximate price of Huston's
Neurologia Gallica? I would
also like to ~~have your opinion as~~
know, if I am not intruding on
your time & patience too much, what
you consider the best ^{current} magazine
published on the nerves, also the
best in the English language (if
any good one) outside U.S., together
with the address & price per year
if same.

Thanking you in advance
for your kindness I am

Very truly

J. D. C.

126 S. 3rd St.

The Botanical Gazette: A Monthly Journal of Botany: Edited and published by John Merle Coulter, Lake Forest University, Lake Forest, Illinois; Charles Reid Barnes, University of Wisconsin, Madison, Wisconsin; and Joseph Charles Arthur, Purdue University, Lafayette, Indiana. † † Established 1875. † † Subscription \$3.00 a year.

OFFICE OF PUBLICATION, 616 LAKE ST., MADISON, WIS.

March 2. 1895.

Mr. J. F. Collins, Providence, R. I.

My dear sir:-- I find your letter awaiting me after a brief absence. In reply I have to say that the price of Husnot's *Muscologia Gallica* is 5 fr. per livraison. As there are 14 of these parts the total cost is 70 fr. (See Bot. Gaz. 20:85. 1895.) Whether there is any reduction when all are bought at once I am not able to say.

The only journal devoted exclusively to the mosses is Husnot's *Revue Bryologique*, most of the articles in which are printed in French though occasionally one in English appears. I am not aware that ~~there is~~ any English journal exists in which more than an occasional article on mosses appears (as in the Bot. Gaz.). *Hedwigia* is devoted to the cryptogams in general and has most of the moss literature appearing in German journals, though occasional papers appear in the other general periodicals. *Revue Bryologique* is published by Th. Husnot, Cahen, par Athis, Orne, France at 5 fr. (I think) per year. *Hedwigia* is pub. at 12 marks, but the publisher's address is not at hand, though I can get it for you readily enough if you want it. Each is bi-monthly, the *Revue* containing about 100 pages annually, *Hedwigia* about 500.

Yours very truly,

C. R. Barnes

Perkins Hall 60
Cambridge Mass.

Dear Prof. Collins;

I am
sending for determination
a full set of the
Bryophytes of the Wellman
Arctic Expedition! Do
not jump out of your
shoes, however, for
there are only four
specimens. Now if
you do not recognize
the things at once, just

pretty scrubby lot.

Yours very truly,

Harley Harris Bartlett

20 Oct. 1907.

Let me know the genera, for the satisfaction of the collector. I would not think of bothering you with such poor specimens except for the rather unusual locality from which they come.

Later on I am going to send you my *La.* mosses, - also a

Nov 19
1907

Perkins 60

Cambridge Mass

Dear Mr. Collins;

Mrs. Button
has just sent me a list
of New Hampshire Sphagna
which she sent to Wamtoy
for determination. It will
enable you to label up
some specimens in your
collection. The numbers are
your own, followed by mine
in parentheses fuscum (Dinggr.)
15753 (598) S. ~~viride~~
var. ~~viride~~ Wamtoy.
viride

I send my *Sa. Sphagnum* to Wamstoy
myself & will send you some when
he reports them.

Yours very sincerely
H. H. Burdet

- 15154 (597) *S. angustifolium* Juss.
var. *Wamstorffii* Juss.
15155 (625) *S. acutifolium* (Ehrh.)
var. *versicolor* Wamst.
15156 (610) *S. Girgensohnii*
var. *coryphaeum* Russ.
15157 (609) *S. squarrosum* Pers
var. *spectabile* Russ.
15158 (608) *S. imbricatum* (Hornsch.)
var. *affine* (Rn. & Cord.)
15159 (607) *S. Russowii* Wamst.
var. *viscens* Russ.
15160 (606) = 15157 (609)
15161 (605) = 15156 (610)
15162 (604) $\frac{1}{2}$ *medium* Lemp.
var. *viscens* Wamst.

468 Hope Street,

Providence, R. I.

20th Nov. 1907

Dear Mr. Bartlett;

I am ever so much obliged for your thoughtfulness in sending me the names of the Sphagna. How does it happen that Mrs. Britton sent the Sphagna to Europe to be determined? I thought she was set "agin sich things". I am very glad to get the names as I think it would have been a long time before I should have had the courage to tackle them, if ever.

I have not done anything with the mosses this fall; I have been so busy with college work that I have had no time for anything else so far. I hope to have more time after Christmas. Your "Air ship expedition" mosses have been lying on my desk all this time. Some day I shall get at them so as to be able to clear off my desk. The latter has nearly reached that stage where I have to clear it off in order to find room to work. Then you will hear from me in regard to them.

I shall be very glad to have the Georgia mosses sometime. They will be all the more valuable if named by Warnstorff.

Cordially yours,

for the *Cylindropuntia*
under way.

With best regards,
J. H. Bartlett

Perkins Hall 60
Cambridge Mass.

Dear Mr. Collins;

Last night
my dormitory was in
such an uproar over the
prospect of a defeat at the
hands (or feet) of Yale,
that it was impossible
to study. So I wrote
labels for the few
mosses which I collected
this summer and sent
you the package this
morning. Of course I held
out the Sphagna, waiting

in a package for Mrs. Britton
sometime. I was astonished
myself that she sent last
year Sphagna to Europe, and
it seems that Warnstorf is
not under the ban of her
displeasure, as are some
European bryologists. Warnstorf,
by the way, seems to be
not only willing, but anxious,
to receive American Sphagna.
I think he has the treatment

for a report from Dr.
Warnstorf.

Now please do not
consider that I am in
a hurry to get the
determinations from you.
It isn't absolutely necessary
that you should ever
name them at all, unless
you feel like it. In
case there is more
material than you care
for of any of the La.
mosses, I should like
to have you put them

466 Hope Street, Providence,

Nov. 28, 1907.

Dear Bartlett:

The masses came lately today. Thank you very much for them, but, really, I almost think I am more thankful that you said you were not too busy for the names; I am so crowded with other work just at present. I am interested in what you say about Larnstorff. About a year ago I wrote him asking if he would care to examine my Gungó _hagna. I never got a reply and consequently assume that he did not care to see them. Perhaps I did not have the correct address. If you will give it to me I will write again. I have recently thought of writing to another European _hagnologist, but I have not done so yet.

I will try and remember what you say about sending the extra Georgia _hagna to Mrs. Britton. I have today had a letter from her in which she says they are all broken-hearted over Underwood's death. I am not surprised that they are.

By the way, at the next club meeting you may expect me to ask if you have found out about the meaning of the "3n/32 solutions" mentioned on page 261 (et seq.) of the October Gazette, provided I don't forget about it.

Cordially,

letter he said he was
"working constantly on my
Sphagnologia universalis".

When I get out of the
Infirmary I'll send you
specimens of the Ga. Sphagna.

With best regards,

H. H. Bartlett

10 Dec. 1907.

Dear Prof. Collins;

Since I was
not at the Club meeting
(on account of grip) I have
written a little synopsis
which I hope will help you
with the paper in the Oct.
Gazette.

I have received from Namstorf
a report on my Ga. Sphagna.
There were two new species
among them, one, which he
has named S. Bartlettii, nearest
related to a Brazilian species
of the "Cymbifolia", the other,

address. I told him about your
collections from Eschsché, & surely
must have said enough to get
him excited. I said among other
things that your specimens were
in the highest degree "schön
und reichlich gesammelt", a point
upon which he seems to lay
great stress. I made a mistake
perhaps in saying that he was
at work on Sphagnaceae for
the Glangweid, for in his

which he has called
S. validum, nearest to his
S. mobilense from Alabama,
a member of the "subsecundum
group".

He wrote a very pleasant
letter indeed, and I am
sure he could not have
received your letter of a
year ago. The address
given in the Naturalist's
Directory is Neuruppin, but
he now lives at Friedenau
bei Berlin. You must have
written to the wrong

Perkins 60,
Cambridge, Mass.

13 Dec. 1907.

Dear Mr. Collins;

I send
you cotypes of two new
Sphagna yesterday. Most
of the material had gone
to Warnstorff, so that you
and Mrs. Britton got the
only duplicates I can spare.

Yours very truly,
J. H. Bartlett

468 Hope Street,

Providence, R. I.

Dec. 13, 1907.

Dear Bartlett;

The Sphaema came today. I am greatly obliged for them. Am sorry that you were not able to attend the last Club meeting. You missed Leavitt's talk.

Thank you also for the solution of the solution question. I had about concluded that the "m" probably had something to do with "molecule", but felt decidedly uncertain in regard to it. I assume that a 3m/32 solution of NaCl would be (approximately) 5.5 gm. NaCl per liter. Am I correct?

Are you planning to be on Cambridge during the Christmas vacation? If so perhaps I may see you if I can find time to take a day's vacation between now and January. I have a few plants which I want to compare with authentic specimens at the Gray Herbarium the first chance I can get.

Cordially,

Perkins Hall 60

Cambridge Mass.

Dear Prof. Collins,

I have just had a letter from Warnstorf in which he says that he is willing to determine your Sphagna, and hopes that you will send "well prepared, ample" specimens (I told him yours would always answer that description) to

C. Warnstorf,

Friedenau, Berlin,

Ringstrasse 55.

He is at work on his monograph and will report on your specimens at once.

Yours,

1414B

(Over)

P.S.

W. expects quite a "pile" so you
might as well make a clean sweep
of all your undetermined Sphagnum (from
N.E. as well as Gaspé.)

J.H.B.

14 Jan. 1908.

Dear Prof. Collins;

I am sending
the specimen of Scapania
gracilis which I promised
you at the last Club meeting.

Prof. Evans tells me that
the species is known in America
only from Greenland, Prince
Edward I. & McD. Desert I.,
so that the new station
is somewhat "exciting".

Yours,
H.H.B.

4 No 10 at, residence,

January 16, 1956

Dear Arthur:

After you have had a chance to examine the Greenland material, I would like to see some time ago. I have not had time to examine your Georgia specimens, and I am sorry for no report on what I am going to report on this lot now.

J. N. S. H. S.
number number

- 15453 300 *Unia arvensis* (L.) Foyss.
- 15454 760 *Polytrichum* [ceratoc group]
- 15455 861 *Uclia hirtella* (Edw.) Mulliv.
- 15456 757 *Bartonia virginica* (L.) Kuhn.
- 15457 [case 10837] *Polytrichum strictum* (L.) Hedw.
- 15458 [case 10477] *Sponoxia repens* (L.) Phil. var. *arctica* (Sw.) Brid.
- 15459 973 *Polytrichum Ohibense* Men. (Card.)
- 15460 774 *Thuidium paludosum* (Mulliv.) Kuhn & Hervey.
- 15461 803

The Spitzbergen things are tough. They are all sterile and I don't know as I can do much with them that will be very satisfactory. Perhaps I had better make a temporary (or preliminary) report now and later, if I get a chance to really study them, report again.

- J.N.S. 15446 [Number 1] *Licaria* [near *reflexa* or *greenlandicum*?]
- 15449 2 *Hypnum* [harpidioid, near *aduncum*?
- 15450 3 *Brachythecium* [near *glaberrimum*?
- 15451 9 *Cocciatium alpinum*, var. *arcticum* (Sw.) Brid.

Very truly yours,

Things have turned up,
including a new Liatris
which I very much fear
Mr. Steele will describe
under the name Laciniaria.

Did you get my note
about Warnstorf?

Yours sincerely,
H.H.B.

Ans. 270.

17 Jan. 1908.

Dear Mr. Collins;

Many
Thanks for the names of
the N. England mosses. I had
a tramp out in the Blue
Hill region on New Years
day and picked up a few
mosses, including Buxbaumia
which I had never found
before. I never saw so
many mosses before in
just the right condition
for collecting, but unfortunately

or any other points of interest
in regard to them I should like
to know, for I am keeping
a card catalogue of all my
Ga. plants and will publish
a list of the plants of the
region after I have worked
there long enough. I haven't
worked over all my plants yet,
on account of pressure of other
work, but a number of interesting

The other members of our
party weren't botanists &
wouldn't wait for me to
get them.

Don't worry with those
Spitzbergen things any
more on my account. I
don't think the collector
will be reduced to desperation
even if he never knows
exactly what they are.

When you report on
the Ga. things if there
are any extensions of range

An $\frac{m}{3}$ solution is one which contains one-third of the molecular weight in grams of a substance. For example, an $\frac{m}{3}$ solution of sodium chloride would contain $\frac{\overset{\text{Na}}{23} + \overset{\text{Cl}}{35.5}}{3}$ g. per liter.

Similarly, an $\frac{m}{6}$ solution of calcium chloride (CaCl_2) would contain $\frac{\overset{\text{Ca}}{40} + (2 \times \overset{\text{Cl}}{35.5})}{6} = 18.5$ g. per l.

Of course the molecular weight of a substance is the sum of the atomic weights of the

In making up solutions do not forget to take account of water of crystallization if there is any. For example the mol. wt. of sodium sulphate ($\text{Na}_2\text{SO}_4 \cdot 10\text{H}_2\text{O}$) is

$$(2 \times 23) + 32 + (4 \times 16) + 10 \times (2 + 16) = 322$$

Dissolve the weighed out salts and then make up its volume to 1 liter.

elements which make it up.

Atomic wts. of common elements

Potassium (K.)	39.1
Sodium (Na)	23.
Calcium (Ca)	40.
Oxygen (O)	16.
Hydrogen (H)	1.
Phosphorus (P)	31.
Magnesium (Mg)	24.4
Sulphur (S)	32.
Iron (Fe)	56.
Chlorine (Cl)	35.5
Carbon (C)	12.

468 Hope Street, Providence,
Jan. 18, 1908

Dear Bartlett:

I knew there was something else that I wanted to add to my letter. It was about Warnstorf. Your note came all right and I also got one from W. himself; as a result of both I sent, within a week, a package of Sphagna (3 pounds).

Georgia mosses collected by H.H. Bartlett, 1907.

J.V.C. number	H.H.B.	
15474	906	Catharinacea a puzzling form. needs more study
15475	907	Plagiothecium micans (Sw.) ar. (?) mainly in the southern states
15476	915	Barbula unguiculata (Huds.) Hedw. common
15477	934	Funaria hygrometrica (L.) Sibth. common
15478	935	Plagiothecium denticulatum (L.) Br. Eur. form the species is mainly northern, extending south to southwestern Virginia
15479	936	Leucodon julaceus (L.) Sulliv. eastern, central, and southern states
15480	937	Entodon seductrix (Hedw.) C. K. northern, central, eastern, and southern states
15481	938	Catharinacea same as 15474
15482	914	Catharinacea same as 15474
15483	1047	Plagiothecium same as 15478
15484	1053	Dicranum sabuletorum Ren. & Card. central and southern states
15485	1063	Ditrichum pallidum (Schreb.) Hampe. common
15486	1064	Weisia viridula (L.) Hedw. temperate regions generally

Providence
Feb. 4, 1908

May 12, 1908,

Dear Bartlett:

I have just received a small package from Dr. C. Arnstorff which contains two specimens of the new *Sphacnum Taxoni* which was described in a recent number of *Rhodora*. One packet is marked "Verb. Bartlett" and is, I suppose, for you.

Are you expecting a specimen? I wrote to Arnstorff some weeks ago asking him if he could tell me where I could get hold of a specimen, hoping that he would do just what he has.

I know that Dr. Farlow is extremely anxious to get a specimen and I shall divide mine with him, unless he has since then lately succeeded in getting a specimen himself. Your specimen is in two pieces and perhaps you will feel like dividing with Dr.

Farlow too. That would give him a somewhat better showing on the species. The package came to the college today and I am now at the house. I will try to bring it up here tomorrow

so as to have it ready to send when I hear from you. In the meantime I will write to Dr. Farlow saying that I have got a specimen that I can divide with him, but shall not feel at liberty to mention you in connection with the matter until I hear from you.

Cordially yours,

13 May, 1908.

Dear Prof. Collins,

By all means use part of my material of Sph. Faxonii in order to make up a good specimen for Dr. Farrow. I am surprised that he has not found some of the original material in his own herbarium, for I understand from Mr. Chas. Faxon that nearly everything was collected in duplicate and that Dr.

decide with you when I get it.

Yours sincerely,
L.H.B.

Perkins &
Samb.

Farlow has a very complete set.

I made the translation of the description in *Hedwigia* for Warnstorf & have since offered to find out the type locality if possible by finding other specimens collected on the same date.

By the way, Bush promises me material of *Sph. missouriensis* from the type locality. If you have no material of the original collection I'll

Aug 15, 1908.

ca. Bartlett:

I have taken about one third of the material that
as in your envelope and put it with what I have laid aside ~~for~~
for Dr. Farlow. I have not yet heard from him and shall not
send the *Ophegnum* until I do. If he reports that he has a
specimen from elsewhere I will, of course, return the "segregation"
to you later. Perhaps a generous amount of the material may be
found later in the Cryptogamic Herbarium.

I shall be much interested in your effort to find the type
locality, and wish you success in the search.

I have no material of *Ophegnum missouricum* so of course I
should be delighted to get some if it will not rob you too much.
Yes, I got word from Arnstorff two or three weeks ago as to the
determinations he had made of my *Ophegna*. Nothing new, but
some interesting ones along old lines.

Cordially,

Perkins 60,
Cambridge, Mass.

5 Dec. 1908.

Dear Prof. Collins;

There will be quite a lot of duplicates among the mosses I gave you. If you care to use my labels let me know & I'll send you a package of the different kinds. I was reminded of this by Dr. Farlow, who asked for blank labels to use in sending out some duplicate fungi which I collected and turned over to him.

Except for one specimen of each number which I kept for myself you have all my ^{true} moss material. I'll send you a set of the 1908 Sphagna (nearly 100 numbers) when I hear from Warrington.

By the way, I have analyzed the Sphagnum ash from soil 24 (Alpine meadow, S. side E. fork R. S. A.) and

should like to know what
species it was.

Yours very sincerely,

Harley Harris Bartlett

Dec. 19, 1908.

Mr. H.F. Bartlett,
Perkins 60,
Cambridge, Mass.

Dear Bartlett:-

I have just had an opportunity to look up the matter of the Table-top Sphagnum which you wrote about on the 5th inst. As you do not mention there being any number on the packet I assume that there was none. If this assumption is correct then the plant is, with very slight margin for doubt, Sphagnum Girgensohni Luss. If there was a number on the packet it may still be this species, though more likely one of two other species collected at the same time. The above mentioned is the only one that I collected in quantity on soil 24, as I now recall it. The other two species being collected "for locality only". If you are sure that there was no number on the sample you are sure in calling it as stated above. If "No. 2" appears on the original packet then it is S. Russowi var. rhodocroon Luss. If this number appears on the original packet please let me know, otherwise I will understand that it is S. Girgensohni. My only reason for saying above "very slight margin for doubt" is that there may possibly have been a "No. 2" on the packet and it was overlooked or lost before it reached you.

I think very likely it would be a good plan to have some of your blank labels later. When I have a chance to overhaul your mosses I will let you know how many of each you had better send me.

Cordially yours,

J. FRANKLIN COLLINS
468 HOPE ST., PROVIDENCE, R. I.

Bartlett's Georgia Mosses. 1908

J.F.C.	H.H.B.	
15603	1554	<i>Leucobryum albidum</i> (Brid.) Lindb.
15604	1557	<i>Dicranum sabuletorum</i> Ren. et Card.
15605	1569	Catharinaea
15606	750	<i>Leucoodon fulaceus</i> (L.) Sulliv.
15607	1572	<i>Anomodon attenuatus</i> (Schreb.) Hueb.
15608a	1582	<i>Thelia hirtella</i> Sulliv.
15608b	1582	<i>Anomodon attenuatus</i> (Schreb.) Hueb.
15609	1565	Catharinaea
15610	1412	<i>Plagiothecium micans</i> (Sw.) Par. (?)
15611	1467	Catharinaea
15612	1450	Catharinaea
15613	1427	<i>Tetraplodon australis</i> Lesq. et James.
15614	1433	<i>Hypnum imponens</i> Hedw.
15615	1435	<i>Dicranum scoparium</i> (L.) Hedw.

Bethesda, Md.

8 Jan. 1910.

Dear Prof. Collins;

I shall send you from the Office tomorrow a rather uninspiring little packet of mosses. They have a "common look" about them, but come from a rather out-of-the-way corner of Va. & may be acceptable on that account. I have kept duplicates & should like the names if you ever look them over.

Many thanks for the separates from Rhodora, which came to hand a day or so ago.

Yours
H. H. B.

Perkins 60,
Cambridge,
Mass.

Dear Prof Collins;

Wainstoy has determined
some of my Sphagna and I am
sending you duplicates of most of
them. I still have a great lot
of undetermined Subsecunda which
I will send out when I get the
names.

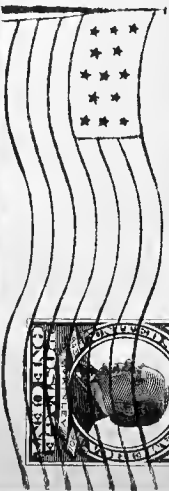
Yours,
H.H.B.

3 March 1909.

Dear Prof. C., Cambridge
29 Apr. '09.
I must thank
you for the little
book on Trees, which
I got some time ago &
neglected to acknowledge.
It is very useful and
convenient.

I wonder if you can
send me the name of
my no. 1354 from
Camstable Co. Mass.,
without too great
trouble. I need the
determination for an
article I'm at work
on. If inaccessible
I can send another
specimen.

Yours, H.H.B.



POSTAL CARD

THE SPACE BELOW IS FOR THE ADDRESS ONLY.

Prof. J. S. Collins
Providence

Hope St,
R. 9.

THE SPACE BELOW MAY BE USED FOR CORRESPONDENCE.

Bethesda Md.

16 Apr. 1910.

Dear Prof Collins;

If you are not interested in the inclosed circular, will you please refer it to Mr. Preston?

I send a specimen of a new Mass. Sphagnum. It is called in my "Woods Hole" paper (p. 230) "Sphagnum (near Sph. dasyphyllum Warnst.)" It occurs at Woods Hole in a brackish situation. You may run across it in R. I.

Have saved up a little pile of mosses to send you, including some Catharinaea.

With best regards,
H. B.

✓

Bethesda, Md.

16 Dec. 1910.

Dear Prof. Collins; I have a few odds & ends of mosses which I shall send you soon if you want them (including perhaps a few Polytricha & Catharinaeae) In the case of my own numbers there will be no necessity for determinations until you get around to it, but there are a few sent me from Ohio State Univ. (under the mistaken impression that I could determine them) which I wish you could look over. If you really haven't the time,

do you think Nichols
would like them?

Would you care to
contribute any sets of 50
specimens of Sphagnum in
return for a set of
Eysiccatae? Have you
ever distributed duplicates
of any of the Sphagna
which Warnstorf determined
for you?

With best regards,
I am,
Yours sincerely,
J.H.B.

Dear Prof. Collins,

Miss Detmer's
is in a hurry for the moss
determinations, and I am
therefore sending her collection
now. I'll get my collections
together in the course of
two or three weeks, and
forward them to you then.

I'll put True to work on
the Dicrana before long.

The scheme in regard to
Sphagna is as follows: We
are getting together Sphagna
det. by W. in sets of 50,
for distribution as Sphagna
Americana. Most of what
we have so far are
from the S. E. portion of

the country. If you have any Gaspe Sphagna in quantity, upon what terms would you exchange them?

Thanks for the separates, which have come to hand.

Mr. C. C. Deam, of Indianapolis Ind. has used the corrugated paper method of drying for a long time. Where he got it I do not know.

Will you send me a set of R. I. oaks in exchange for Md. & Ga. oaks? I have a set of about 25 duplicates.

Yours

H.A.B.

21

I have no duplicate
 & don't write names
 Most of them were
 from Ill. & Ind., a
 region in which few
 fishes occur, so I
 thought you might
 like them.

Yours,
 H. H. S.

Mosses collected by Freda Detmers in Licking Co., Ohio, 1910.
Determined By J. F. Collins, Jan. 1911.

- AMBLYSTEGIUM varium (L., Hedw.) Lindb. No. 6.
" Kochii BS., varying towards A. varium. No. 7
" riparium (Hedw.) BS. Nos. 29, 38.
Thuidium virginianum (Brid.) Lindb. No. 11.
" paludosum (Sulliv.) Rau & Hervey, Nos. 18, 37.
" delicatulum (L.) Mitt., Nos. 14, 21.
" either delicatulum or recognitum (not separable
without perichaetial leaves) Nos. 13, 25,
31, 33, 40.
Brachythecium, near B. plumosum (no fruit) No. 26.
Tylaisia intricata (Hedw.) Cardot, No. 12.
Aulacomnium palustre (L.) Schwaegr. Nos. 9, 10, 16, 17,
27, 30, 39.

Hepatics will be reported later, they are Nos. 8, 19, 20.

Jan. 26, 1911

Dear Bartlett:-

I have been waiting several days to hear from Dr. Evans in regard to three hepatics which I sent him for determinations. As he has not replied I am sending the names of the mosses on separate sheet, in duplicate, and will let you know about the hepatics as soon as I hear from Dr. E. The duplicate sheet you can forward to Miss Dotmers if you wish.

Cordially,

U. S. DEPARTMENT OF AGRICULTURE,
BUREAU OF PLANT INDUSTRY,
DRUG PLANT, POISONOUS PLANT, PHYSIOLOGICAL,
AND FERMENTATION INVESTIGATIONS.

23 March 1912

Dear Prof. Collins,

I wonder if you will be so kind as to look at the inclosed moss & send the determination in the addressed envelope? The lady seems to be in a hurry. I hope this won't bother you too much, but I think you ought to get after your mosses

now & then, anyway,
to relieve the dull
grind. Best regards!

Yours sincerely,

H.H.B.

P.S.

Ernest Reynolds is
engaged to a Providence
girl. Perhaps you
knew it.

O.B.

University
education

Dear Prof. Collins;
Samuel N.
Rhoads, Franklin
Bookshop, 920 Walnut
St., Philadelphia, Pa.

has a beautiful
copy of Hedwig, Fund.
Hist. Nat. Mus. Froid.
1782 for sale at
\$5.00. I thought
you might be
interested, as it
seemed to me to be a
bargain.

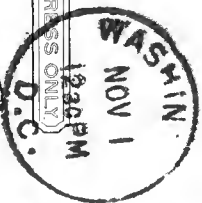
Yours sincerely,
H. H. Bartlett

Washington

1 Nov. 1912.

V 8¹/₄ 1904
M. 1904

THIS SIDE OF CARD IS FOR ADDRESS ONLY



1912



Prof. J. J. Collins
468 Hope St.
Providence
R. I.

335 Packard St.,
Ann Arbor, Michigan,
25 May 1916.

Dear Collins;

I'm just running over some mail that should have been answered long ago, and find your card asking about my habitat and geographic distribution. The data are as follows: Acting Assistant Professor of Botany, University of Michigan. I have retained a connection with Washington, having been simply "demoted without prejudice" to \$1 per month. I am acting during the absence of Prof. Hus. If he comes back when his leave is up (three years) I'll go back to Washington or hunt elsewhere for an opening.

Still want *Polytrichum* and *Catharina*? If you do, let me know, as I'm in a new locality and will be glad to gather some .

Cordially yours,

H. H. Bartlett

7 Kirkland st., Cambridge, Mass.,
May 23, 1910.

Postmaster,
Winchester, N. H.;

Dear Sir:--

Would you be so kind as to place this letter in the hands of some one who may be willing to answer my inquiries ?

There has been a great deal of interest lately in some parts of New England as to the greatest size attained by certain kinds of trees, and in Rhode Island, especially, statements have been published, based on careful measurements of particular trees that were claimed to be the biggest known of their kind. In reply to such a claim concerning the white pine, I mentioned the magnificent row of white pines bordering the Ashuelot River in your town, and expressed some doubt whether Rhode Island could surpass them. Reliable figures were called for; so, for the credit of Winchester, I am writing to ask if some one will not take and send me careful measurements of the girth of several of the largest of this row of pines. The girth of the trunk should be measured in feet and inches breast high from the ground. If a tape measure is not to be had, any stout cord that will not stretch will do and the measurement taken from the cord carefully with a two-foot rule. Of course care should be taken to keep the tape or cord level all the way round the trunk, so that the measurement will be true.

Tendering my thanks in advance for the trouble involved, I am

Very truly,

Charles F. Batchelder

Winchester NH

Aug 13th 1910

Chas. F. Batchelder

My dear Mr Batchelder,

Your above note of inquiry has just come into my hands, and in reply will say that a recent measurement of the trees made as you suggest, shows several to girth 13 feet one however, measuring 14 ft and 2 inches.

Respectfully yours,
George W. Saxe

brief correspondence. It is evident that, if this State wants to compete with Rhode Island, it must be more diligent in the field.

Nevertheless, the little town of Winchester possesses an impressively long row of beautiful pines, whose merit is by no means done justice to in the card which my correspondent has enclosed.

The card and the letters

POWERS-BRIDGE FARMHOUSE,
PETERBORO, N.H.

My dear Mr. Collins

You may remember that at a meeting of the Botanical Club last spring I was rash enough to express the belief that there were still some good-sized white pines remaining in New Hampshire. At your suggestion, I wrote in search of definite facts, and I enclose the

may find a resting-place
in your files or in your
waste-baskets, at your
discretion: I do not care
to keep them.

If you have any other
"favorite species," I should
be glad to measure promis-
ing specimens I may see.

With kind regards,

Very sincerely

Charles F. Batchelder

August 31, 1910.

BROWN UNIVERSITY HERBARIUM,
PROVIDENCE, R. I.

Oct 6 -

1890

My dear Mr. Allen:

only just returned from the

west - I find your card and give you
credit for the plants -

Yours with thanks but very sincerely

James L. Bennett
Curator

Pro., Nov. 20, 1892

by your Mr. Bennett

Will you kindly inform
me ^{by return card} if you have specimens of
Plantago media in Brown Herb,
collected by me in 1890, Br Low lands?
I have a few specimens collected
this year that I wish to send
away but prefer to have B. W.
superficial first. Also have you
any ^{other} specimens ^(of P. Media) in the herb, ~~collected~~
from here or elsewhere in the U.S.

~~Yours~~
Cordially

J. E.

My dear Mr Collins.

We have no other specimen of
Plantago media, L. than the one you gave us
from Constantinople - that is from U. S. we have
foreigners - should not disdain any other you
may spare to fill a sheet. Prof B. said you
would give me a list of new finds on Block
Island. Can you do so.

Yours truly
J L Bennett

REPLY POSTAL CARD

United States of America

THIS SIDE IS FOR ADDRESS ONLY

RECEIVED
NOV 21
11 PM
92



J. F. Collins

706 East Ave.

City.

Prus. 11-23-92

My Dear Mr. Bennett -

It is my intention
to incorporate the R. L. Liberton in my
general list^{of dupes}, including localities to
all. I may have some for B. H. ~~but~~
not on that list, which ~~is~~
~~by the way~~ will not be ready for 2 or 3 weeks
yet as I wish to finish determining a
package of Colo. plants on which I am
now at work (I shall probably have to refer
some of these to you too, for comparison)
I will send the list to you at the first
~~opportunity~~ as soon as possible.

J. Z. P.

Brown University,

PROVIDENCE, R. I.

After 5 Days return to



Forwarded by James Collins, not received.
4.10.

At the address
of Collins

Mr. J. F. Collins

Providence

R. I.

of Colman Maup? & Co
Elmwood

189

Miss Irene Collins.

As brother Oberholser's request
I would advise you that the orders are
to report at Farmington R. R. Depot at
8¹⁵ A.M. Tuesday May 30th - armed and
Equipped as necessity requires -
(Dried Eggs and Kerosene Candles will be
supplied) -

The intent is to take teams
at Greenwich and go to Pine Hill Exeter
returning by way of Black Plain and
Newsewick - utterly desolate of mark
of civilization - a very wild country -

By order.

Yours attentively

J. L. Bennett

1893

Will you go?

As the weather be pleasant,
brother Osterhout will go with me on
the 8.56 A.M. train which leaves the
Springfield Depot, foot of Sabin Street

Wednesday, Oct 25th next!

Not much to gather but much very
much to see, at Hallow's Water Douglas
Mass. If time and tide are right
might return via Duck Hill
Yours truly J. L. Bennett

Aug. 15, 9

Dear Sir,

Will you kindly inform
me as to what I shall do with
the books which you have left
here for so long a time?
We are in need of the room
which they occupy.

Very truly
yours,
J. H. Bennett

To Jas. H. Bennett

455 Public St.

City.

Peacham Vt. Dec. 8. 1884.

Dear Sir, yours of
yesterday rec'd.

All right, send me a
list of your duplicates,
and if you have anything
that I want, I shall be
happy to exchange with
you. You can use
numbers in Mann's
catalogue if you like.
I want only A. I.
specimens.

yours truly,

F. Blanchard M.D.

Peacham,
Vt.

WEST
POSTAL CARD.



NOTHING BUT THE ADDRESS CAN BE PLACED ON THIS SIDE.

J. Franklin Collins,
9 Jefferson St.,
Providence
R. I.

Please return this list.
Need not return it.

1883

Duplicates, F. Blanchard,
Reacham, Vt.
Nos. as in Mann's Catalogue.

3295	3356	3477	3592	3741	3793	10	100	210	310	480	612	767	826	903
97	57	79	97	45	96	18	102	13	22	95	43	70	278	11
3300	60	84	3604	46	<u>3808</u>	20	105	14	27	96	62	71	30	52
8	61	3501	12	⁴⁶ var. 1,	3131	21	116	18	31	97	705	77	49	90
12	82	7	14	51	3140	22	117	21	34	98	11	78	52	95
18	86	11	15	54	3436	24	119	22	54	99	29	79	64	1067
19	88	15	34	55	3290	27	120	24	55	520	34	81	65	8
24	94	29	43	56	3343	34	121	36	57	21	735	82	66	15
26	96	32	47	58	3344 3232	42	123	52	60	23	36	83	67	16
29	97	35	57	65	3257	44	139	57	401	36	37	86	68	32
31	3403	36	58	72	3345 1793	47	140	64	23	37	41	94	71	37
36	4	40	62	73	3811 3108	49	149	67	26	41	42	96	72	42
37	15	41	92	74	3266	50	161	81	27	84	85	99	79	43
39	16	86 3706	77*	2661		55	162	87	28	47	87 8158	90	47	
42	58	48	30	80	1187	57	166	96	30	44	51	16	92	48
45	60	54	31	85	1617	68	174	92	31	75	55	18	93	49
49	65	56	32	89	3601	69	183	99	42	76	58	⁸¹⁸ var. 12.3.	97	51
51	70	84	34	90	3215	91	189	300	61	94	60	22	901	52
55	71	86	38	91	3293	93	191	3	67	611	88	23	2	54

1055 ⁶	1118	1307	1550	1673	1741	1990	2000	2451	2619	2713	2799	2918	3071	3210
56	39	8	53	78	52	92	2172	73	24	19	2803	20	85	23
60	89	16	54	80	57	2007	96	2586	26	30	10	21	87	24
65	1202	21	56	85	80	15	2253	38	28	33	13	22	94	30
67	5	22	67	86	85	19	63	49	30	38	14	23	88	31
72	16	29	80	88	96	36	64	52	32	43	17	24	97	35
75	21	43	82	89	98	37	74	54	33	55	21	25	3104	36
76	35	48	94	93	1802	46	76	55	35	59	22	31	20	38
78	52	60	99 ⁶	95	6	47	84	57	1139	61	23	33	21	40
82 ⁶	54	89	1606	97	47	52	2316	64	41	62	24	39	22	41
83	64	1404	12	80	55	80	25	70	44	68	25	48	23	53
84	70	23	25	1711	61	64	41	95 ⁶	45	69	55	55	24	55
86 ⁶	80	30	30	12	81	65	49	2600	49	71	60	57	25	59
91	83	96	35	20	92	69	53	2	59	75	82	62	26	61
93	84	1527	41	24	95	76	91	3	63	77	83	65	39	73
94	87	30	45	25	97	80	99	4	66	83	86	70	78	75
99	89	32	50	29	1935	97	2408	5	67	87	87	77	91	85
1101	90	36	56	30	56	2103 ⁶	15	8	70	89	2909	85	95	86
2	99	43	57	33	74	12	25	11	73	91	12	3029	98	88
4	1301	45	60	35	83	22	26	13	81	93	16	58	3202	91
5	3	48	65	36	88	39	32	18 ⁶	85	94	17	66	7	94

Peacham Vt. Dec. 11. '84.

Dear Sir.

Your favor of 10th rec'd,
I want 22 of your plants.
Those marked "fr." - if you haven't
the fruit, don't send, as I have
the flowers. I like fruit in all
cases where it is possible.

My this year's list of duplicates is
in the hands of another Botanist;
but I enclose my list of 1883.
A few of them may be exhausted;
so please select - say 25 or 30 numbers,
i. e., if you find that number that
you want. If you don't find a
sufficient number of desiderata in
this list, I will send my new
list when it returns from Penn.
You can forward your plants at once,
or wait till the return is agreed upon.
Yours busily, F. Blanchard M.D.
Peacham Vt.

Plants desired of J. F. Collins
by F. Blanchard.

118 2974-

198 3670

T. Europaea.

539

600

692 fr.

629

795

980 fr.

1249 var. 1.

1247 written wrong.

1286

1443

1526

1576

1684 -

2285 -

2315 fr. X

2550 -

2579 var. 1. -

(over)

Peacham Ct., Dec. 16. 1884.

Mr. F. Collins

Dear Sir,

Your letter, with labels, recd last night, and the specimens to-night, all in good condition.

The specimens are finely pressed and very satisfactory.

Some of them lack fruit or root; but, of course, that is unavoidable.

In regard to your selections from my list, I am somewhat puzzled; but I think you have failed to understand the figures, because you have selected several numbers that I am quite sure I never put on my list of duplicates.

The numbers of any duplicates are given in the order in which they occur in Mann's Catalogue, except a few added on the last page. After reaching numbers of more than two places, I simply omit the thousands and hundreds figures except at the top of a new column, or where the hundreds change. For example.

1000	} should be read {	1000
1		1001
2		1002
3		1003
4		1004 etc.

If you still have my list, please make a new selection. If you have lost or destroyed it, let me know and I will send another. Prof. Bailey will understand the figures, if my letter does not make them clear to you. yours truly. H. Blanchard and
Reichen bks

Dear Sir,

I forgot to say that none of
duplicates are poisoned.

I poison all herbarium specimens
after they are mounted and most
of my duplicates are kept in the same
genus covers with my mounted specimens.

I have very little trouble from bugs.
Have just been mounting your Blanc hard
plants. They are very good.
I have some doubt about your trifolium reflexum.



NOTHING BUT THE ADDRESS CAN BE PLACED ON THIS SIDE.

Mr. J. F. Collins,
9 Jefferson Street,
Providence,
R. I.

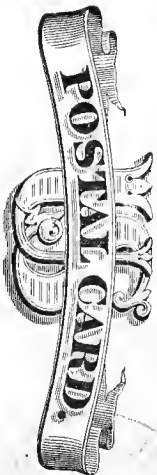
Peacham Vt. Dec. 19, 1884,
Dear Sir,

Your card rec'd to-night.
I send package of plants
by same mail with
this card.

Drop me a card if they
arrive in good condition
and prove satisfactory.

Yours truly,

F. Blanchard M.D.
Peacham Vt.



NOTHING BUT THE ADDRESS CAN BE PLACED ON THIS SIDE.



Mr. J. F. Collins,
9 Jefferson Street,
Providence, R. I.

Peacham, Vt. Jan. 25. 1885.

Dear Sir. In reply to
yours of 23^d ult., I am
inclined to consider your
Trifolium marked 7.
reflexum as T. hybridum
= Alsike.

It certainly don't agree
with the description of T.
reflexum in Gray's manual.
The leaflets are ovate instead
of obovate and the
heads are certainly not
"larger than in No. 2."

Probably the species of
this genus hybridize more
extensively than is generally
supposed. Please refer
the plant to Prof. Gray.
yours truly,

F. Blanchard M.D.
Peacham, Vt.



NOTHING BUT THE ADDRESS CAN BE PLACED ON THIS SIDE.

J. F. Collins,
9 Jefferson St.
Providence, R. I.

Peacham, Vt. Oct. 15.

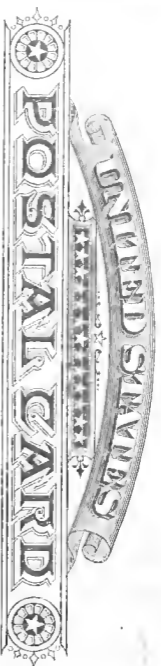
Dear Sir,

Your of yesterday
recd. Shall be glad
to examine your
list with a view to an
exchange, though I
fear there may be few
that I want, because
I have exchanged with
other Botanists from your
section.

My new list of dup.
will not be ready before
December. Possibly
you could find enough
in an 1885 list.

Yours truly,

F. Blanchard M.D.
Peacham, Vt.



Nothing but the address to be on this side.



J. Franklin Collins,
10 Barnoll St.
Providence,
R. I.

Plants desired by F. Blanchard,
Selected from list of
J. F. Collins.

-16. 519. 692 with fr. 746. 1526. 1608.

1794. ~~2198~~. ~~2218~~. ~~2292~~ fr. 3778.

3779. Var. 2. 3779. Var. 3.

~~Geranium Truncatum.~~

~~Diervilla japonica.~~

✓ ~~Pedicularis Paryi.~~

~~Phacelia integrifolia.~~

~~Carex ampullacea, L.~~

~~Bromus tectorum.~~

~~Danthonia Canadensis.~~

I have all the rest on your list.
I enclose my old list. If you
don't find enough desiderata
in this list, wait till I make
a new one. I want only
first class specimens.

Yours truly,

F. Blanchard, M.D.

Peacham,

Vt.

(over)

Select 25 or more desiderata,
as a few of mine may be
exhausted.

2775
2776
2791
2822
3081
3231
3311
3318
3342
3366
3428
3468
3467
3543
3545
3555
3566
3612
3668
2923
3255
3303
3432
3601

My desiderata of Dr. Blanchard, Oct. 86,
P. 20.

Peacham, Vt. Oct. 27. 1886

Mr. J. F. Collins.

Dear Sir,

Yours of 24th, together with
package of plants, rec'd. last
night. From a hasty examination
I judge that the plants are very
fine. I certainly have no
fault to find, and hope the
bundle that I send ~~it~~ in return
will be as satisfactory to you.

I send package by same mail
with this. It was made up
after 10 at night. If I have
overlooked anything, notify
me and I will make any
deficiency good.

Yours truly,

F. Blanchard.

Drop me a card when the pkg.
reaches you. Yours were in fine condition.

Peacham, Vt. Feb. 14. '87.

Mr. J. F. Collins,

My Dear Sir,

If the specimens from California are first class, and if you can find anything in the enclosed list of dup's. that you want, you may send me those species that I have underlined.

I have not a new list of dup's. at hand, one being in Penn., and the other in Iowa.

Am very busy. Excuse brevity.

Yours cordially,

F. Blanchard M.D.

Peacham, Vt.

Peasham, Vt. Feb. 27, 1887.

My Dear Sir,

I must apologize for delay in acknowledging receipt of your package of plants.

I have been extremely busy, and did not open the packet of labels till last evening, when I found your letter.

Your plants arrived all right and from a very hasty examination I think they are very fine.

The corners of the package were somewhat broken, but no serious damage resulted to the plants. It is well to use a little heavier parti-board in sending plants by mail. I sometimes use bass or spruce boards planed very thin - say $\frac{1}{8}$ inch.

Enclose my list of dupes.

in Musci & Hepaticae.

The specimens are mostly very fine ones, and their diagnosis has been by E. A. Rau, or D. C. Eaton.

I shall be happy to hear from you, and will try to be more prompt in replying.

For the past month I have been doing an immense amount of work - professional, botanical and in other capacities.

Snow here is 5 feet deep.

yours cordially,

F. Blanchard, M.D.
Peacham, Vt.

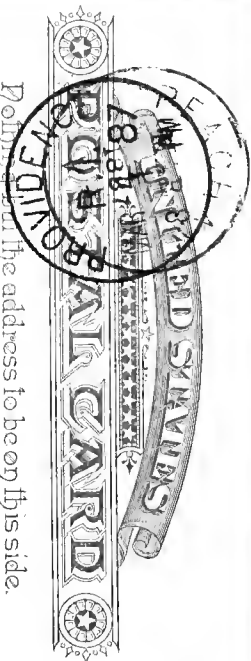
Peacham, Wt. Mar. 3. '87.

Dear Sir,

I send by next mail
a package of mosses
and Hepaticae, &c.
which, I hope, will
prove satisfactory.
If you have an abundance
of specimens of
Buxbaumia aphylla,
please send me two
or three, and I will pay
you in any way you
like.

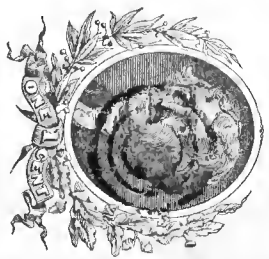
Yours truly,

F. Blanchard, M. D.



Placing on the address to be on this side.

Mr. J. F. Collins,
10, Canal St.
Providence, R. I.



Peacham, Wt. Meh. 13. '87.

My Dear Sir,

Yours of 5th recd. Many thanks for the Buxbaumia. It is very curious. In reply to your question:— I have found it difficult to obtain good correspondents in mosses. You might try

Dr. Fred. Brendel,
Peoria, Ill.

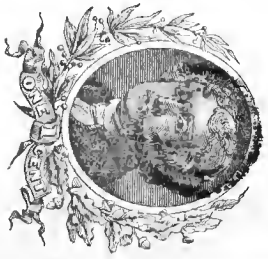
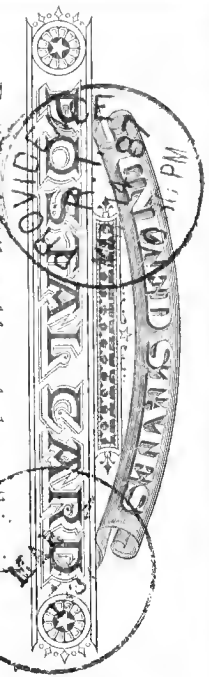
He sends good specimens. Write to him what you have to offer, and I think he will answer you.

You might try also
Prof. H. A. Green,
Chester, S. C.

But his specimens are not quite as good.

yours cordially
F. Blanchard.

Nothing but the address to be on this side.



Mr. J. F. Collins,
10, Canal Street,
Providence, R. I.

Peacham, Vt. Apr. 5, 1887.

Mr. J. F. Collins.

Dear Sir,

yours of 3^d rec'd.

I return your list of Cal. plants with desiderata marked with a (X) under the species desired.

Send only as many as you want of my dup's. in return. Many thanks for the Burkhamia.

I have so many Pacific coast plants yet unexamined that no doubt I order many duplicates; but will risk these few more. I find great difficulty in getting good specimens in fruit.

yours in a hurry.

F. Blanchard M. D.
Peacham, Vt.

Peacham, Vt. Apr. 13. '87.

Dear Sir,

Yours, with plants, rec'd.
all very satisfactory.

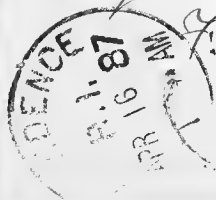
I send return package
by next mail. If you
find yourself defrauded
by the exchange, let me
know, and I will "even up."

3 or 4 of your desiderata
were exhausted.

Let me know if the pkg.
reaches you in good
condition & is satisfactory.

Yours at midnight

J. Blanchard.

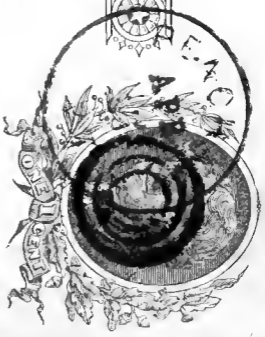


GENERAL SERVICES

POSTAL CARD

Nothing but the address to be on this side.

Mr. J. F. Collins,
10, Barnard Street,
Providence, R. I.



Westminster, Vt., Jan. 29, 1908
Prof. Jas. F. Collins, Providence, R.I.

Dear Sir:—

I am distributing specimens of
Coun. Rubi mostly newly described species
See Rhodora, pages 4-10, 1907. I am also
distributing such from Southeastern
Mass. and R. I. One described in Touya
Jan. 1907. I have found only in R. I. and
S. E. Mass. This is R. multispinis Blanchard

I should like place a complete set of
Coun. R. I. & S. E. Mass. Rubi in the
Brown Univ. Herbarium, a set that
has sufficient specimens of each species
to make it of value. But I ought to
have some reasonable compensation
for it. Can I expect to obtain such for
such a set? I am also distributing specimens
of two new White Birches and of all over

Shadwoods. You can well imagine
what the expense has been to me and
I wish to get something out of them to
enable me to continue the work into the
West. I have been to Lake St. John and
Ottawa, Can., and as far west as Rochester, N. Y.

Yours truly,

W. H. Blanchard.

Brown University, Providence, R. I.,
Jan. 31, 1908.

Mr. W. H. Blanchard,
Westminster, Vt.

Dear Mr. Blanchard:

Yours of the 29th is at hand. I hope you will reserve, temporarily, a good set of your distribution of the species of Rubus, Betula and Amelanchier, for our herbarium. I dare say your prices will be reasonable, but, in order to more fully comply with the business regulations at the office of the University you had better send me a memorandum of the price and the probable number of specimens in the first lot before I send you the official order for the same.

Very truly yours,

Westminster, Vt., Feb. 4, 1906

Prof. J. F. Collins, Providence, R.I.

Dear Prof. Collins, —

Yours is at hand.

I assume that 10 cts. per sheet is a common price. I shall move ready till late in March.

I prefer to send them ~~on~~ with a list.

After examination you can send pay according to the red tape required.

If you do not object I shall send good sets of each species showing the plant fully and from more than one station — giving some idea where it grows and how it looks. Better have 10 specimens of me that you are sure of than from 5 persons four of whom probably guess.

Yours truly,

W. H. Blanchard.

February 8, 1906.

Mr. W. H. Blanchard,
Westminster, Vt.

Dear Mr. Blanchard:

Your letter of the 4th is at hand, and the suggestions therein are satisfactory to me. We should be glad to get a good set of all the New England species that you can send us.

Very truly yours,

Brown University.

(Apr. 1908)

N. H. Britton

88	<i>Rubus</i>	<i>floricornus</i>	4
89	<i>Rubus</i>	<i>Rossbergianus</i>	1 2
90	"	<i>ascendens</i>	9
91	"	<i>semisetosus</i>	9
92	"	<i>hispidus</i>	2
95-	"	<i>setosus</i>	6
96	"	<i>multispinus</i>	6-
97	"	<i>alleganiensis</i>	11
98	"	<i>frondosus</i>	11
99	"	<i>andrewsianus</i>	11-
100	"	<i>philadelphicus</i>	4
101	"	<i>procumbens</i>	6
102	"	<i>recurvans</i>	4
103	"	<i>neglectus</i>	6-
104	"	<i>occidentalis</i>	3
105-	"	<i>stigosus</i>	2
			<hr/> 104
1	<i>amelanchier</i>	<i>Canadensis</i>	4
2	"	<i>intermedia</i>	8
3	"	<i>saxatilis</i>	97
4	"	<i>erecta</i>	11
5-	"	<i>oligocarpa</i>	3
			<hr/> 29

(Continued over)

See Torrey 7:99

(Brown U. continued)

6	<i>Betula caerulea</i>	6
7	" <i>caerulea-grandis</i>	6
8	" <i>populifolia</i>	3
9	" <i>papyrifera</i>	3
10	" <i>lenta</i>	2
11	" <i>lutea</i>	2
		<hr/>
		22

Rubi -- 109

Shads -- 30

Birches 22

156 Total sheets sent Apr. 1908
W. H. Blanchard

Westminster, Vt., Apr. 14, 1908.

Prof. J. F. Collins,

Providence, R. I.

Dear Sir:—

I am sending you a box containing 156 sheets of botanical specimens as shown in detail on the sheet of paper enclosed. All are carefully labeled.

Key & The Rebus is mostly from Conn. and with some from R. I. and S. E. Mass. illustrates what is in R. I. Nos 88, 89, 90, 91, 96, 99 and 100 are new species and this my first distribution of them. A goodly number of each is sent to show both the type and range.

97 has been misunderstood as has 99 and I hope to make each plain. 98 is as new as I resurrected it. 101 has been misunderstood and efforts have been made to separate ~~many~~ many varying forms.

103 I am trying to show up as it is.

Of the Shads I send enough material gathered at different ~~season~~ stages of growth to show what Canadensis is and how the "oblongifolia" forms vary from it - and how they do not.

Of the Piches I send my new ones and a few of the other to show the difference.

I have a lot more rubi which I shall try and distribute x this fall and ~~so~~ next winter.

Hoping these specimens may be satisfactory and looking for the financial returns to aid me in exploring x in the west this season, I am

Yours truly
W. H. B. Blanchard.

P. S. The box is directed to the H. & K. 21000.

April 16, 1908.

Mr. W. H. Blanchard,
Westminster, Vt.

My dear Mr. Blanchard:

Your letter reached me yesterday and the box of specimens arrived in good condition today. I am very much pleased with the plants, both on account of quality and quantity. I hope you will let me know of any future distributions of this sort and give me a chance to get them for our herbarium.

If you will send a bill for these plants I will "OK" it and send it forward it for payment. As it usually takes some time to get a bill through the different committees and into the Registrars hands for payment I would suggest the advisability of forwarding it very soon if, as I suspect, you would like the money within a few weeks.

Very truly yours,

5-Guernsey Ave.,
Montpelier, Vt.,

Oct. 11, 1916.

Prof. Collins,
Providence,
R.I.

Dear Sir: -

You may think I am
"chucky" to make the request I am
making, but you can thus help a fellow
botanist. I am making a record of Rideouts
my mother being one.

So I ask you if you know any person
by that name? And especially I ask
you to copy from the Providence Duedoy
the names and addresses of Rideout, or
Ridouts there and also in the Brown
Univ. Catalogue. I hope some day to
meet with the N. E. Bot. Club again.
I intend to distribute this winter
my Rehder made years ago in the
South and West. Will the Univ. buy
any specimens at 10c. each?

Yours truly,

W. H. Blanchard

Brown University, Providence, R. I.,
October 16, 1915.

////////////////

Mr. W. H. Blanchard,
5 Guernsey Avenue,
Montpelier, Vt.

My dear Mr. Blanchard:

Your letter of October 11 reached me a few days ago, but I did not have an opportunity to get the records looked up until today. I find there is no one mentioned in the Brown catalogue since the establishment of the College by the name of Rideout or idout. There is, however, in the city directory two names, as follows: Ridout, Hubert (Stamper), 48 Hudson Street and the other, Ridout, James H. (Coachman), 167 Ontario Street. I hope this information will be of some use to you.

I will refer your memorandum regarding the distribution of Rubus to Professor York who now has charge of the botanical work here at the University. I presume if he desires the set he will communicate with you before long.

With best wishes,

Very truly yours,

JFC-G

has a limb spread of $9\frac{1}{2}$ ft.
one way and 84 ft. the other.
He did not say what kind
of an oak it is but I sup-
pose it is a white oak as
that kind has the great-
est horizontal limb spread.
A white oak on my grand-
father's wood lot, west of Yim
town, had a circumference of
17 ft. 4 in. but was cut down
a few years ago. It was found
to have over four cords of
wood in its branches not
reckoning the lumber in the
trunk. Yours sincerely,
Ruth Boss.

North Scituate, R. I.

June 2, 1910.

Prof. J. Franklin Collins.

Dear Sir;—

Your article in the
Arbor Day pamphlet, "Who
Knows Where the Large Trees
Grow in Rhode Island?" was
very interesting to me
but I noticed that there
is no elm included in
the list so I thought I
would tell you about
the most beautiful, if

not the largest, elm in the state. Greatest high it measures 14 ft. 6 inches and it is noted all over the town for its perfect symmetry and beautiful shape. It is a perfect type of bouquet elm and forms a towering dome of green evenly rounded from base to summit but unfortunately the elm beetles have been a work on it for two or three seasons and we fear its days are numbered.

Its lowest branches begin at about the height of the eaves of a two story house and arch above the chimneys. It is known as the "Johnston elm" and grows by the roadside in front of the first house on the right hand side of the road going west from the village of North Scituate. The man who owns the place is also authority for the statement that an oak tree on the farm, 15 ft. in circumference,

June 6, 1910.

Miss Ruth Boss,
North Scituate, R.I.

My dear Miss Boss:-

I want to thank you for the information about the elm and oaks contained in your letter of June 2. I am very glad to get it, and shall be glad at anytime to get any further information of a similar nature which you may have at any time. You may be interested in learning that the records of the elm were accidentally omitted from the pamphlet. There is one standing on Cemetery St. in this city that measures 15 feet 1 inch at its smallest place, about 18 inches from the ground. It branches very low down. It is not a well formed tree however. An elm in the village of Limerock measures 14 feet 4 inches breast high, and the one at Prospect Terrace in this city measures 14 feet 2 1/2 inches.

I shall hope to see the elm you mention the next time I go out to North Scituate, and perhaps the oak also.

Very truly yours,

Aurora, Ill. 2-23-1888

Dear Sir:

The plants came last week - have looked them over to day. They came through with not very many broken ones. They are quite satisfactory.

One was named *Erigeron hypsofolius* for 1246 which I ordered. Was that so named by mistake or has the name been changed? It answers the description of 1246.

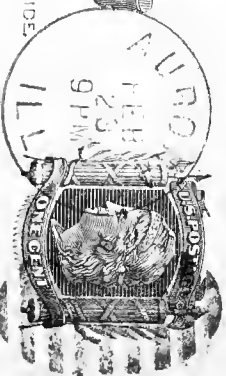
Please let me know about this plant.

Very truly yours

T. C. Boyce.

POSTAL CARD.

NOTHING BUT THE ADDRESS CAN BE PLACED ON THIS SIDE.



J. Franklin Collins,
9 Jefferson St.,
Providence, R.I.

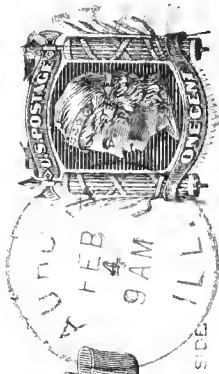
Aurora, Ill.

Feb. 3, 1885.

Dear Sir:

I send you to-day a copy of Mann's cat. in which you will find my duplicates marked at the left of the numbers mostly with blue but some with lead pencil. Please select by number. Send me your list in any way you like but put them in regular order.

Respectfully yours,
F. E. Boyce.



NOTHING BUT THE ADDRESS CAN BE PLACED ON THIS SIDE.

J. Franklin Collins,
9 Jefferson St.,
Providence,
R. I.

Desiderata of
F. E. Boyer.

36 not var.

544-

629-

692-

1246-

1276-

1328-

1337-

1526-

Senecio viucosa

1576-

1613-

1737-

1790-

2112-

2619-

2943-

3004-

19

The following
ones will be ac-
ceptable though
I have them.

287-

306-

331-

651-

665-

708-

712-

936-

1213-

1218-

1360-

1486-

1706-

1717-

1786-

1920-

2231-

2241-

2254-

2290-

2292-

2372-

2668-

2809-

2974-

Aurora, Ill.

Feb. 9, 1885.

Below I give a list of
rata such as I can

I also enclose a
my own wants. I shall

put up the plants this afternoon
and shall probably mail them
tonight but no one can tell
when you will receive them
as every thing is blockaded.

We are having the very worst
storm of the season. Hoping
that the plants will reach
you in good condition I
remain,

Yours sincerely, F. E. Boyer

Aurora, Ill.

Feb. 9, 1885.

Dear Sir:

Below I give a list of your desiderata such as I can furnish. I also enclose a list of my own wants. I shall put up the plants this afternoon and shall probably mail them tonight but no one can tell when you will receive them as every thing is blockaded. We are having the very worst storm of the season. Hoping that the plants will reach you in good condition I remain,

Yours sincerely, F. C. Boyer

Desiderata of J. F. Collins.

54	Aurora, Ill.	5 - 1884
200	Ferrisburgh, Vt.	8 - 1883
284	Aurora, Ill.	6 - "
425	" "	" "
435	" "	" "
560	Joliet (mound), Ill.	" 1881
565	Aurora, "	8 - 1883
572	" "	6 - 1884
594	Ferrisburgh, Vt.	8 - 1883
698	Aurora, Ill.	6 "
783	Mackinac, Mich.	7 - 1881
863	Aurora, Ill.	6 - "
952	" "	8 - 1883
996	" "	" "
1145	" "	6 - 1884
1151	New Haven, Vt.	8 - 1881
1172	Aurora, Ill.	9 - 1884
1180	" "	" "
1187	" "	8 - 1883
1209	" "	9 - 1882
1383	" "	8 - 1883
1394	" "	" "
435	out of stock.	
1471	var. mutica Aurora, Ill.	9 - "
1510	" "	" - 1882
1679	Middlebury, Vt.	5 - "
1794	Oswego, Ill.	4 - 1884
1838	Mackinac, Mich.	7 - 1881
1943	Larkville, Ill.	9 - 1884
1955	Joliet, "	6 - 1881
2353	Mackinac, Mich.	7 - "
2464	Middlebury, Vt.	8 - "
2471	Joliet (mound), Ill.	6 - "
2701	Middlebury, Vt.	7 - 1883
2938	Aurora, Ill.	5 - 1881
3058	Ferrisburgh, Vt.	7 - 1880
31389	Middlebury, "	6 - 1882
3202	Mackinac, Mich.	7 - 1881
3400	Aurora, Ill.	9 - 1882
3405	The following ones marked out	
3406	are not duplicates.	
3411		
3420	Aurora, Ill.	6 - 1884
3428		
3440	Aurora, Ill.	8 - 1883
3449		
3496	Aurora, Ill.	9 - 1882
3554		
3650	New Haven, Vt.	6 - 1882
3760		

P.S.

You mistook certain marks made by a correspondent and are not duplicate marks and thus ordered 10 not among my duplicates. When I put up 3058 and 3139 I attributed the mistake to your copying but when I referred to the catalogue that you had I knew that the difficulty was what I have named above.

Some of the plants are not so good as I could desire and I expect ^{in return} only an equivalent. Give me the first 19 in my list and enough of the others to make up my due. Hoping the plants will reach you in good condition and prove satisfactory I remain,

Yours very truly,

Thos. E. Boyce.

Middlebury, Vt.

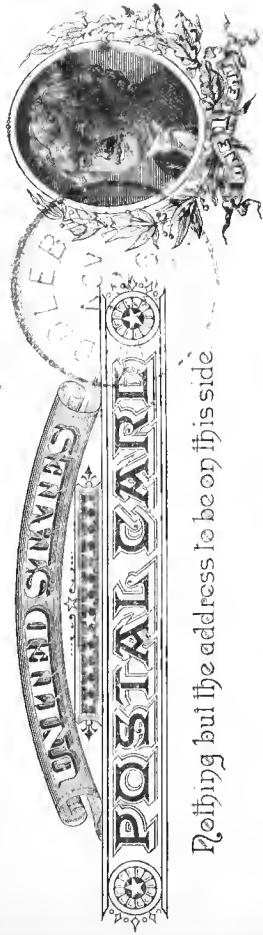
Dear Sir;

Nov. 1, 1886

Yours of the

24th of Oct. has been
forwarded from
Aurora, Ill. I send
along your list. I
use Merris's catalogue.
It may be some
little time before
I can attend to
it.

Respectfully,
J. E. Boyce.



Nothing but the address to be on this side.

J. F. Collins,
10 Carroll St.,
Providence,
R. I.

Middlebury, Vt. 12-13-'86

My Dear Sir:

Yours of the 10th at hand. Your list was duly received and is preserved. I moved last summer from Aurora, Ill. to this town and in the confusion of packing my check list was lost. I thought I should be obliged to defer our exchange but yesterday as I was looking for a book I found it and will look ~~it~~ ^{over your list} ~~over your list~~ and return it this week with a list of my duplicates. I have a few more duplicates to check off on my list and then it will be ready to mail.

Respectfully,
T. E. Boyce.

STANDARD SAVING BANK

POSTAL CARD



MIDDLEBURY
VT.
DECEMBER 1885

Nothing but the address to be on this side.

J. Franklin Collins,
Providence,
R.I.
10 Carroll St.

Middlebury, Vt. Dec. 13, '86

My Dear Sir:

I explained in my postal this morning why I kept your list so long. I have finished looking over your list and give you below a list of my desiderata. In addition to the numbers you may send any of those the names of which are written at the end of your list. You had better select more than my desiderata as I may not be able to send quite all you choose. In my plant cat. which I mail you my duplicates are checked blue. Please take down the nos.

of your desiderata and not
mark them on the list.

Respectfully yours,
Thos. E. Boyce.

Desiderata of T. E. Boyce.

222 var 2 ✓

298 ✓

579 ✓

818 var 2 ✓

1155 ✓

1236 ✓

1342 ✓

1526 ✓

1808 ✓

2348 ✓

2797 ✓

2910 ✓

3268 ✓

3779 ✓

Middlebury, Vt.

Dec. 27, 1886.

My Dear Sir; I received your
package of plants several days since
but have not yet had time to
open it. In a few days I expect to
put up your desiderata and mail
them.

Respectfully yours,

Thos. E. Boyce.



Nothing but the address to be on this side.



J. P. Collins,
Providence,
R.I.

10 Green St.

Middlebury, Vt.
Feb. 5, 1887.

Dear Sir:

I have at last put up your desiderata all but 3415 which is out of stock. I have put up another form of *Botrychium* that is I think the two are slightly different. 3779a was name for me by Ezra Brainard according to Eaton's work I think. 3779b was sent me by Frank E. Wood. I put in 3534 which you did not order thinking that if you did not have it you would be glad to get it. It was not on my list of duplicates.

If the exchange is not satisfactory I will make amendments in the future. I have not very good specimens of 3736; it is very rare; I found it growing in but one place on the Keweenaw Pen.

Hoping that the plants will reach you in good condition and prove satisfactory I remain
Yours very truly,

Thos. E. Boyce.

[Copy]

Providence, June 27, 1893

Mrs. E. G. Britton
Columbia College, N.Y.C.

I have several hundred envelopes of unpressed mosses collected mostly in Rhode Island in 1886, 1892 & 1893, also some collected in southern Somerset Co., Me., in 1886. The greater portion of all are unnamed. There are quite a number of duplicates (from different stations). I see very little prospect of my having time to make more than a few of the determinations for some time to come, and have decided to turn a large portion of them over to some one else if it can be satisfactorily arranged.

Would you care to have them or part of them and on what conditions (i.e.- if different from the usual ones in regard to Phanerogams)?

Very truly
JFC

Columbia College in the City of New York

DEPARTMENT OF BOTANY

June 29th, 1893. 189

J. Franklin Collins,

Dear sir,

I am very much in need of a slave, one who will do for me the work that I did for years for others, the naming of specimens for instance. Since I began to write or try to write a Handbook of the mosses of the Eastern U.S. to try to help others to help themselves, I realize the need of it, more and more; for I get no time now to name material for others as it only adds an extension to the range, now and then, and I cannot take the time. Perhaps this will explain why I think it best not to offer to name your mosses, though I do not like to say no, and I have no doubt I could name most of them at sight.

Thanking you for offering to send them to me believe me very sincerely,

Eliphalet C. Britton.

[Cppy]

Providence July 22, 1894
Mrs. E.G.Britton

I have been much interested in your article in the Agassiz Observer (on mosses) to which my attention was recently called by Prof. Bailey. I have always admired the mosses but have never ~~studied~~ studied them very much; still, enough to see the disadvantages of the glass slides over those recommended. I am particularly pleased with the possibility of keeping the slides in the packets with the specimens.

Would it be asking too much for the privilege of seeing some of these slides---if possible both the slides & permanent mount? I will of course gladly refund all postage,

JFC

New Dorp, Staten Isalnd,

July 24th, 1894.

J.F.Collins,

Dear Sir,

It gives me great pleasure, to learn that you ahave found anything in my simple little moss leassons that will help you in your work. I fear that from your not.knowing anything about the mica slides , they are not as much used for Algae, as I at first supposed. I had a box of them given me labelled " mica slides for Algae" in Dr. Morongs hand-writing, and as I knw that he was to have collected characeae for Dr. Allen in Paraguay, I suppos d they came already cut. Im learned afterwards that he had them cut for his own use. I enlocse a moss slde which you may keep, and the ordinary slide I use for first examination is the glass one standard size, one inc h wide by 3inches long, with round cover gla I find this will do for boiling over a lamp. At night I hold it over tye chimney of my Student lamp, and in the dayntime I use a candle or an alcohol lamp.As you say the great beauty is to be able to keep them with the specimens, and I also find that focusing with a high power , I occasionally break a cover glass, an utter ijpossibility with these slides.D9 you know Mr. Bridgham ? His home for the summer is at East Providence Centre, and he is doing some drawings for me. I think he would be g@d to show you some of his slides.

Very sincerely,

E.G.Britton.

Y. order. R. 1)

July, 21, 1894

Dear Bro. Britton

Your favor of the

24th with enclosed etc. to
came to hand ^{Thursday} Morning, thank
for the article. I am
pleased with the idea
and its possibilities
~~Please accept~~ Enclosed
please find envelope ~~for~~
to cover your P. O. expense.

Very truly

Y. O. L.

Prov. Apr. 5, 1896,
Mrs E. G. Britton, N. Y. City,
Dear Madam.

I have read the
Cryptogamic Botany "Salutatory"
in the April "Observer" and think
a Mrs. Chapter would be very
desirable, and ~~think~~ ^{such a} would
be willing to join, ^{ones,} provided
I do not greatly misunderstand their
methods of work. I insert the foregoing
permission simply because I am not
sure that I know anything for certain
of their methods - as I am not at
present a member of the A. A. - but
think I have a general idea.

I enclose a stamp for the specimens
mentioned on p. 163. I have

local specimens of both *Bezzium*
argenteum and *Caith. argenteum*
so if your supply of these is likely
to run short I would suggest that
they be kept for those who are not
acquainted with these two spp.

I trust that the rare specimens
from Pa. & Mt. Washington will be
new to me however.

Respy.
J. F. C.

Cryptogamic Botany

A DEPARTMENT OF THE OBSERVER,
PORTLAND, CONN.

ELIZABETH G. BRITTON, Editor,
Columbia College, New York City.

April 9th, 1896

Dear Mr. Collins,

I have been intending to write to you and congratulate you on that nice set of Algae just issued, in which you and others have done your share so nobly and so well. It is a credit to American students to have such work to show. And furthermore it throws all recent attempts to distribute exsiccatae by foreign collectors in the shade, and shows them what we call good work. I shall be only too glad to send you duplicates of mosses and will get ready a set for you at once! Besides, I think I can promise Prof. Bailey for the Department, a set of the Jaeger duplicates of European Mosses, I have 16 sets of them, and have taken care to keep as many duplicates as possible, in order to help American students to become independent of so much European help.

in reply. please let me know what books you have in the Library too, as occasionally I have a duplicate to spare. Is there a set of my reprints? on the Mosses?

I do not know that it is necessary for us to make our section a chapter of the A.A. I rather think we shall work better independently, simply using the Observer as our journal, for the present. The Linnean Fern Chapter wanted us, but their little pamphlet can not afford illustrations, and they are very important. I shall be very glad to receive any suggestions, and am waiting to hear from those who would like to help. My principal idea is to facilitate exchanges, stop this sending abroad for naming and distributing, our American Mosses, and teach others how to help themselves. Dr. Evans will give us soon 10-12 papers on the Hepaticae, which we

Cryptogamic Botany

A DEPARTMENT OF THE OBSERVER
PORTLAND, CONN.

ELIZABETH G. BRITTON, Editor,
Columbia College, New York City

shall illustrate and distribute specimens of, and Miss Cummings and Dr. Schaefer, have promised to do the same for the Lichens. I also hope later to do the same for the F.W. Algae, and the Marine. There are so many interesting things to be told about them all, that even such men as Faxon, and Rau and men who know the mosses, and have known them for years, write to me, and say, "I am so glad you told me that about the naming of Buxbaumia, I shall not forget it, it is very quaint" and there are lots of things coming up all the time that we want to have looked into right away. I mean to go back to my school-teaching days, and hold the readers responsible too for a certain amount of work, and not let my suggestions as to what remains to be done go in one ear and out of the other. I shall send you the White Mt. Moss, Metraplodon mnioides, from timbers of the stable on the summit, saturated with urine, collected by Faxon, and others. and will refer you to D.A. Burnett, Bradford, Penn. for specimens from his region. He has duplicates of good ones, well named. + send you his list with this.

Sincerely yours,

E. G. Britton.

Prov. Apr. 16, 1896

Dear Mr. Britton

Your kind letter of 27th
duly rec'd.

In regard to algae
you have probably consulted me
with Mr. S. Collins of Malden, Mass.
Am very sorry that I do not ~~possess~~^{possess}
the knowledge that he does of the algae
It is a class of plants of which I
know very little - almost nothing.
My interest is ~~almost~~^{almost} wholly in the
bryophytes, and higher plants -
principally the mosses, but my time
is so much taken up otherwise that
I have (~~scarcely~~) very little time ^{left} for too
(little) to devote to them. I have ^{quite} ~~many~~
of packets and probably ^{have} many ~~lots~~^{lots} of
mosses, but as I have them ^{only}
partially named I have as yet ^{no list}
of them - Am working at the remanence
over constantly, at every opportunity,
and hope eventually to complete the
work.

In regard to the "moss chapter" I think
it would be as well ^(probably better - as you say) to separate from the
A.A. and I am heartily in accord
with your ideas about ~~mutual exchange~~
~~and~~ ^{appears} sending ^{up} ~~around~~ ^{up} for names,
as well as thanking others to help themselves

and facilitating exchange
I think you will promise to do so
and hope I may ~~soon~~ be able
to repay you in the same coin perhaps.
Mrs. B. writes me to thank you cordially
for your kind offer almost ^{long} ^{ago} ^{of} ^{the} ^{same} ^{kind} ^{and} ^{she} ^{hopes} ^{(as} ^{well} ^{as} ^I ⁾ ^{that} ^{this} ^{list} ^{will} ^{be} ^{able} ^{to} ^{number} ^{one} ^{of} ^{the} ^{valuable} ^{sets} ^{among} ^{its} ^{possessors} ^{as} ^a ^{portion} ^{of} ^{its} ^{herbarium} ⁱⁿ ^{the} ^{near} ^{future}

Mr. Burnell's list of Pa. moths came
safely to hand. It contains many
that I should like to obtain w^o guess

enclose a ^{complete} list of old books on
the moths as you requested. ^{I have been somewhat delayed in this for you would} ^{see} ^{above}
We have but 4 of your Torr. Bull.
reprints (Nos. 8, 9, 10 & 11)

from me in 3 days after date

I shall have to write to him.
Do you wish his list again? or
shall I return it to Bradford
with the best of wishes for the success
of the new chapter I am
Respy.

He also wishes me to
say that you will hear
from him anon, and wants to know if
there is anything we can do for you.

April 17th 1896.

Dear Mr. Collins: -

We do not expect any return in kind.
The only way is to lend it in to somebody else - and
that is what I believe we should all do - botanically.

Well - I am just as well pleased to learn that you were run
for the names have you do for the algae - I shall be run
Cinquial - and the list of books you send - means that
you have the opportunity to do good work - I too have
been my luck - and can not yet get your set of names
picked out for you - Sent Mr. Burnett's list back to him.
Please - with the names you want marked. - He is a good
worker - & helps at it. - He is making up his own things
with what help he gets from us. - and has done it well.

It also pleases me to learn that in agm about sending things
about. The list is a long one including all our best workers - Winter.
Wood, Barnes, Best. Leiberg - Pringle - Williams - True, Clacey - Evans -
Frazer, Kenedy - Ann Macmillan says he will stop sending to
Kindberg if he can get them done here - but he has us to
help him & cannot do them alone! - He wants me to do them - but
I sent you for the exchange my prints no - 3 - 7 - nos. 1 & 2 are
not of print & are really lists of Leiberg's names - with a few descriptions.

new species - -

You ask how you can repay for the Jaeger names - by helping
American collectors. Pretty soon R. S. Williams will

have a fine set of Montana names ready for sale - he is doing
them with my help - John Howell has now a set of black
(blackheads) names which I have just received (27 and 10 or 15 var names) -
Oregon and Pringle has a set of Arizona flora - as well as his
American names. all want to sell sets. -

Sincerely
E. G. Britton -

Brookline, Apr. 21, 1896.

Dear Sir,

Yours of the 17th - at
hand, also the reprints ~~III -~~
VIII on which please accept our
thanks. I shall write to
^{William} Howell & Pringle immediately
as you advise.

Hortly but sincerely,
~~Yours~~

J. D. C.

Cryptogamic Botany

A DEPARTMENT OF THE OBSERVER,
PORTLAND, CONN.

ELIZABETH G. BRITTON, EDITOR.
Columbia College, New York City.

May 28th, 1897.

T. Franklin Collins,

Dear Sir,

Your letter of the 21st, is received. I shall be very glad to give what assistance, I can, and willingly look over your drawings and ~~your~~ specimens. I shall be away from home over Decoration Day, but after that expect to be regularly at my work, and shall hope to be able to give them prompt attention. It seems unlikely that Scouleria should be found in Maine. It may be one of those dark Grimmias that grow in water, however such as G. acicularis (L.) Müller (Bacomium acicularis) which grows in mountain streams. I have never known of Scouleria having been found anywhere else than on the West Coast and the Rocky Mountains.

Yours sincerely,

Elizabeth G. Britton

Cryptogamic Botany

A DEPARTMENT OF THE OBSERVER,
PORTLAND, CONN.

ELIZABETH G. BRITTON, EDITOR,
Columbia College, New York City.

June 3d, 1897.

Dear Mr. Collins,

Your letter and the packets of *G. rivularis* and *Anacamptodon* have been received. You know perhaps that according to the latest treatment of the genus, *apocarpa* and *rivularis* are separated, and I think correctly. It is very kind of you to send me the *Anacamptodon*. I do not think we had it from Maine, and we are always glad to have a new state represented in the herbarium, and Maine has not been at all thoroughly worked. I think Prof F. L. Harvey of Orono, Maine would be glad of a set of duplicates of any *Me.* mosses that you can spare for him, he has been sending me some for naming.

You ask me about your drawings. I think they are very good, and I certainly should keep them with the specimens as you study them. At Kew they file a separate set of illustrations. At Columbia, we paste on to the sheets in the *Herbarium*, any illustrations that we get of the different species, then we have them there ready for reference.

I shall be pleased to help you at any time that you are puzzled. I wish you could see my Adirondack collections. I studied them all critically this winter, mounted them up in fine shape, named all the odds and ends, looked up all the doubtful ones, and find that I have 27 rare species, including three that have only been found in the U.S. but once, *Bryum concinatum*, *Hypnum peckii* and *H. Jamesii*, also *Zygodon viridissimus*, *Buxbaumia indusiata*, *Schistostega osmundacea*, of which I enclose a specimen, *Tetraplodon unioides*, *Anacamptodon splachnoides*, *Nomalia Jamesii*, etc. sincerely yours,

E. G. Britton

123 West 44th St. N.Y.

March 11th, 1898.

J. Franklin Collins,

Dear Sir,

Your letter of the 7th is received with the specimen of the [✓]only Uloa, which is probably the most curly form of it, var crispula. U. curvifolia, as its name implies, would only have the leaves curved, not curled. You will find that ~~Dr~~ ^{Dr} Gruithwaite recognizes but one species with two varieties, ~~but~~ ^{but} Limprecht and others recognize them as distinct species. I am inclined to think that it is difficult to find the characters assigned to each always present in different individuals, but am still anxious to see more of them growing, especially of the var intermedia, with which I do not feel at all familiar. I confess I do not yet understand if this moss is only a variety of U. crispula, why Limprecht should key them in two different sections and put intermedia with U. curvifolia in the section where the leaves are only slightly curled or curved. It looks to me as if there were a mistake somewhere.

With kindest regards,

yours truly, 

P.S. I have asked Mr. Bridgman to consult your copy of the Bryolog Europeum and Sullivants Icones for some drawings that he is making for me. I hope this privilege will be granted him. and oblige,

E. G. B.

New York, March 21st, 1898.

Dear Mr. Collins,

I have waited a few days in order to give your Uniums more careful attention. They are very interesting to me as you know I have a revision of the genus in ms. and have been particularly bothered by the Un. orthorhynchum group. These two of yours seem to be the very small variety of that species which has been called Un. inclinatum, Lindb. (See Limpricht Laubmoose and Philibert Roy. Bryol. Can. 1895.) The capsules are much smaller, and the plant more delicate in every way than the normal form of Un. orthorhynchum or lycopodioides, I think they are deserving of further study, and if you have the operculum preserved in any of them, it is said to be blunt in this species as distinguishing it from the others of this group. I think you are safe in recognizing it as a variety, which has been credited to America by Macoun, you know. I have not seen his specimens. ^{Full name correctly revised however.} The other species is all right for subglobosum, which we must call pseudopunctatum, the first name. I must congratulate you on the neatness of your slides. They are fine, and I wish you would give me a short notice of how you make them for the Fern Bulletin. I have Amann's account of his method and was proposing to make a note for them soon on this subject. You use Glycerine jelly, of course. Thanking you for these specimens which I shall be very glad to keep, believe me most cordially

yours,

Elizabeth G. Britton.

BROWN UNIVERSITY
DEPARTMENT OF BOTANY.

W. WHITMAN BAILEY, A. M.,
Professor.
J. FRANKLIN COLLINS, B. P.,
Curator of the Herbarium
HAVEN METCALF, A. B.,
Instructor.

PROVIDENCE, R. I.,

1,
189

My method of making microscopic slides is as follows:

My dissections are made in water on the stage of a simple microscope. This stage is removable so that it can be placed under a compound microscope and the smaller parts examined without disturbing their position. Such parts as I wish to retain are transferred to a few drops of dilute glycerine (10-25 per cent.) on a glass slide, on the end of which a number is marked with pen and ink for means of identification.

This is set aside ^{with no cover glass} until the water has entirely evaporated, leaving clear glycerine only. It usually requires at least an hour and often more unless the slide is placed where it will be warm (not hot) I usually leave out over

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2.
—

PROVIDENCE, R. I.,

189

might when convenient.

After this it only remains to again transfer to hard glycerine jelly by any of the methods in general use. For the "permanent" slide, ^{or cover} I greatly prefer - and invariably use now - mica, as this can ^{be} placed in a small envelope ~~which~~ ~~is~~ is glued to the herbarium sheet on which the plant ^{itself} is ~~at~~ fastened. The necessary legend for identification can be readily scratched in the mica with a metal point.

63 East 49th St. N.Y.

Oct 25d, 1898.

Dear Mr. Collins,

I have sent the ms. description of your method of making microscopic mounts to Dr. Grout for The Bryologist the little supplement to the Fern Bulletin, which I think all who are studying the mosses will enjoy reading. I hope this meets with your approval, I have added a few notes of my own, and enclose a Rhode Id moss for the collections which may be of interest as it was collected by Stephen Olney.

yours truly,

E. G. Britton.

202 West 103d, St. N.Y. City.

Dec. 18th, 1898.

Dear Mr. Collins,

Your letter of the 4th of Nov. has remained long unanswered. I have been busy with a class this fall, and we did not move up to winter quarters near the ~~H~~erbarium until last week, too late, because we were caught in those two dreadful storms. It seems to me that if I ever get settled again near the collections, I never want to move again. ^Yhis I hope will be so n. I am up at the ~~H~~erbarium now often and will send you with this a bit of *Unium rostratum* and *M. rugicum*. It seems to me that you have both on your slides, because one leaf has big cells along the vein and other has not. *M. rostratum* has them twice as large along the vein: on the other hand, *M. rostratum* has not the cells in diverging rows and *M. rugicum* has, (See one of your slides,) *M. rostratum* has the cells collenchymatic, i. e. thickened at the angles, *M. rugicum* has not. I will enclose European specimens of both, and an American too.

Dr. Broun has been asking me to write to you and ask you to take the presidency of the Sullivant Botanical Chapter, but I declined as I knew you had very little time to devote to the mosses and we want all you have for critical and advanced work. So dont take it amiss, my refusal.

Yours truly,

Elizabeth G. Britton

New York Botanical Gardens, Bronx Park

Feb. 16th, 1899 .

Dear Mr. Collins,

I enclose a bit of a moss that Dr. Evans found on Mt. Washington 9 years ago which puzzled me at the time and which I have since studied carefully and seems to me to come nearest to *G. caespiticia* as indicated. I have sent a bit to Breidler in Vienna for comparison with this species of alpine Europe, which I find no specimens of in our herbarium. If you have a copy of Rabenhorst's Kryptflora, you will find on page 776 of Limpricht's ^Aaubmoose that he figures a cross-section of the leaf with two layers of cells more or less irregular. I made several sections of this plant, and in the young leaves I find them usually double, but as the leaf gets older and larger they are more often single with occasional ones interspersed in a queer irregular manner. These are the antheridial plants and they are large and terminal. Dr. Kennedy and I do not agree. He says these leaves are papillose. I say they are not, but the ^{of} cells are large and inflated. What do you say? I shall be glad to have your opinion on this matter. Keep the bit I send you, and when I hear from Breidler I will let you know.

Cordially yours,

Elizabeth S. Britton

202 West 103d St. N.Y.

Feb. 23d, 1899.

Dear Mr. Collins,

I have made a tracing of your drawings and sent them to Dr. Keenly, with the request that they be returned to you. Your observations agree with mine, only I got several sections lower down on the stems and leaves which showed fewer bistromatic cells and more of the occasional twins in a single layer of the leaf. It is a very interesting species, and I think proves conclusively that it is a *Grimmia*. But I feel sure now that it cannot be *G. caespiticia*. (*G. sulcata*) I found specimens of the latter name in our herbarium and enclose a few bits. The leaves are longer and narrower, more sulcate as the tracings from Limpricht & A. submoose show and have a longer white awn to the leaf. I will await Breidlers answer from Vienna with much interest, and if it should be a new species it ought to be named for Dr. Evans, *G. Evansi* its discoverer. I am much obliged to you for the interest you have taken in this matter and hope that between us we may be able to settle what it is. Many thanks for the copy of Rhodora. I had seen your article, and agree with you that Maine needs exploring bryologically. How I wish you were at Harvard. I wrote to Dr. Farlow about it again not long ago. They need you badly.

Cordially yours,

Elizabeth G. Britton

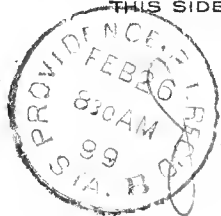
Keep the specimens I returned
these for you. Dr. Kennedy will return
your drawings to you. I kept tracing
I am glad to find you agree with me!

Yours truly
J. S. Hutton

POSTAL CARD - ONE CENT.

UNITED STATES OF AMERICA.

THIS SIDE IS FOR THE ADDRESS ONLY.



Franklin Collier
126 East An
Providence R.I.

New York Botanical Gardens, Bronx Park.

April 18th, 1899.

Dear Mr. Collins,

I have compared the *Grimmia* from Tucker-
mans ravine collected by Dr. Evans with *G. ceaspitica* from Europe
and find they are not the same, so I have named them ~~for~~ Dr. Evans
and written out a description and sent to him for publication in
Rhodora, and now I write to ask you for the loan of your drawings
of the cross-sections of the leaves, which will you please send to
Dr. A.W. Evans at 72 High St., New Haven Conn.? I have asked him to
make the sketches of the outlines of the leaves and of the cells
flat, but if you should have the time or have made any already I
know I would be glad to have you send them also. I am settling
preliminaries before moving into our new home at Bedford Park, with-
in sight of our new Botanical Museum, which I hope you will come
to see as soon as it is finished. Mr. Britton is offering some very
enticing courses^{for} next winter, I wish you could come and work with me.

Cordially yours,

Elizabeth G. Pennell

Can't you think of it?

New York Botanical Garden,
Bronx Park,
New York City.

EXPRESS ADDRESS,
BEDFORD PARK.
FREIGHT ADDRESS,
WILLIAMSBIDGE.

June 23d, 1899. 189

Dear Mr. Collins,

I am glad to know that you are to be regularly appointed at Brown Univ. and that you will at last be a member of the faculty. I have neglected answering your letter on account of moving into our new home here at the gardens and getting settled and over the spring entertaining of the directors and members. At last I am free to settle down to get ready for the Columbus meeting of the A.A.A.S. and I want to ask you to do some work for us for that meeting. I send you a copy of Science with the notice, and have made out a complete list of all the species of mosses that were named for Sullivan and all that were named by him. Mrs. H.M. Smith has written this out for me and I have a duplicate copy. Now I want to pick out at Columbia a set of specimens of all the Sullivantii species and have microscope slides made of them. I want you to help me as you make so much better slides than I do. I will get the specimens out and let you have them if you are willing to do this. I suppose you are not planning to go away just yet. We shall be here off and on all summer, not going away for more than two or three days at a time until September, except for the A.A.A.S. meeting. I hope you will excuse my long delay in answering your letter as I have really been very busy.

Yours truly,

Elizabeth G. Britton.

W. J. S. J. J.

Will you also ask F. M. Bailey for
information about Stephen Quam & say
that Bruce S. Stewart also has

directed my attention to the names -

Also ask about his father.

I enclose a short memorandum for

you.

Yours truly

E. G. Patton

2965 Decatur Ave. Bedford Park. N.Y.City.

Jan. 27th, 1900.

Dear Mr. Collins,

I have with me for a few weeks, working on the mosses Miss Abbie M. Small, of Northboro, Mass., one of our Chapter members, and she is listing the mosses from Massachusetts in our collections, and local floras, with a view to finding out what has been collected in the state, and where further collecting is necessary or desirable. The finds that only 13 Sphagnum have been reported thus far from a few stations in the state, immediately in the vicinity of Boston.

I write to ask you if you will be so kind as to run over the list enclosed and make any additions from your collections that you can.

You know I am a believer in local work, and this kind appeals to me very strongly.

With best wishes for the New Year from

yours sincerely,

A handwritten signature in cursive script, reading "E. S. Britton". The signature is written in dark ink and is positioned to the right of the typed name "yours sincerely,".

Names collected by Yes. B. Nims. Waltham - Mass.

A. *Hyppium japonicus* + *Succobryum glaucum*.

B. *Bryum meum* - (*Rhodobryum*)

C. *Mnium cuspidatum*.

D. *Bryum* (*Wichera*) *nutans*. } compare.

E. " " " " } compare.

F. *Ditidium pallidum* (*Leptotidium*)

G. *Bryum* (*Wichera*) *nutans*. - See D & E.

H. *Thelia arnolia*

I. *Catharina angustata*.

J. *Rhynchostegium simulatum* (*Hyppium*)

K. *Hyppium reptans* -

L. 2 species mixed. } *Barkula* (*Fontula*) *caespitosa*

} *Boadythecium acuminatum*? -

M. *Licoracella heteromalla*

N. *Gemma* (*Tetraplus*) *pellucida*.

O. *Hyppium nealdavianum*

P. *Dicranum scoparium*

Q. "

R. "

Send list July 27.
Answer for loc. & dates.

34 Appleton St.

Waltham, Mass.

Jan. 1, 1902.

Mrs. E. S. Britton:

Dear Madam.— Yesterday
I sent by Am. Ex. a box of
mosses, as per your note of Dec. 3.
I delayed sending till after Xmas
as you could not attend to it
and I got vaccinated and
consequently used up and was
unable to look over specimens.

You will find a letter with
each package which of course
you will use with name in
reply ~~at~~ your convenience.

Yours truly,

Geo. E. Morris.

34 Appleton St.

Waltham, Mass.

Nov. 30, 01. ✓ 2001

Mrs. E. N. Britton;

Dear Madam. — Mr. Chas.

H. Peck suggests that I send mosses
to you for identification. May I do so,
and how should package be directed?
Can include fresh *Pallavicinia* if wished.

Yours truly,

Geo. E. Morris

34 Appleton St.

Waltham, Mass.

Jan. 12, 1902.

Mrs. Elizabeth G. Britton:

Dear Madam. — Your kind note of Jan. 8, enclosing names of specimens was duly received.

I can give data for some, as follows:

- Geo. E. Morris, Coll.
- | | |
|-----------------------|--|
| B | — On old stump, Wayland, Oct. 18, 1901.
woody hill side, Mass. |
| A
L
P
K
O | On old roots
or stumps,
swampy ground,
Wayland, Nov. 18, 1901.
Mass. |
| N
R | On ground,
woods,
Wayland, Nov. 18, 1901.
Mass. |
| F
I | On ground,
in path,
Lynn Woods, Nov. 28, '01.
Lynn, Mass. |

I trust these may be of service to you, and in future I may be able to send specimens with fuller data. With thanks, Yours truly,
Geo. E. Morris.

91 Mt. Vernon St, March 18th,
1902.

Dear Mrs. Britton,

Does one often find *Sphagnum* fruiting in March, in this climate? I was almost as astonished as if I had found ripe strawberries, but perhaps that only shows my ignorance. It was at Magnolia, in woods near the station--we found a few fruiting bits--some fallen capsules, and some still attached, and containing spores. Last July and August I found plants, two species at least, in the Magnolia swamp, abundantly fruiting; I looked in my Braithwaite's *Sphagnaceae*, but suppose the dates were given for English specimens--then in Lesqueureux and James, and found no dates--then in the mounts that dear Mr. James gave me, and found the dates ranged from June to Sept. inclusive, and were mostly New Jersey specimens. I should be ever so glad to know what you can tell me, for two of the Botany Group were with me, when we found them--on March 13th. We rambled around close to the Magnolia station but brought back only about thirty species, and many of them sterile. I had promised Mrs. Tower and Mrs. Read that I would show them *Buxbaumia* growing, and so I did, but the plants were not quite ripe--they were sitting in little coveys on the bank by the station road.

We got a sterile *Pleurocarp* that I said was the same that Dr. Grout had named *Eurhynchium Boscii*, but there was a great outcry--they knew *Boscii*--I had found it in Brookline where a lawn sloped down to a retaining wall, and also had some exactly similar from the French Broad River--banks of--both golden-band bronze in color, and growing in rather

a close, patch with the stems and branches lying evenly side by side--
now these new plants were a gray-green in color, and had woody stems, and
arching loosely pinnate branches-- appearing so entirely different that
the Botany Group seemed to think that "some-one had blundered"--

I am having a delightful time with my preparing my large sheets, *yes, by the way, I have to stop and soak out a box-full of rough-dry plants, which takes all day, and my bedroom smells so of wet moss that I cannot sleep in it.*

Today is Mrs. Livermore's birthday, and I wanted the Group to arrange some sort of celebration, but all they could think of was to let Mrs. Hunt send her a note of good wishes, which appeared to me so stupid that I added a long letter of my own.

They have got some new members in o the Club, who are not at all botanical, much less bryologic, and these ladies took from us the book-case-secretary we have used so many years, and gave one not half so convenient-- they sometimes order us to be all cleared up and awzy by t' two-- request us to keep our shelves neat, hope that no ends of grass will be left sticking out, and this after depriving us of the deep drawers and silk-lined doors, *which conceal the boxes and covers*

Good night

In haste

Cecilia W. C.

You need not return the specimens.

PROVIDENCE, R. I., June 22, 1902

My dear Mrs. Britton:

Many thanks for the *Mimus
cinclivides* from New Bedford.

I should be very glad to get a set of the
Jaeger duplicates although I must admit
I have nothing of value which would be
available now for exchanging, as nearly
all my ^{spare} available time for the past
year has been devoted to work on the
~~Schubert and Jones~~ ^{mosses} ~~Herbaria~~ at Harvard,
as you probably know through Dr. Farlow.

In a week I expect to start for Maine,
and as I have been unusually busy the past
winter and feel the need of ^{rest or} a change to
outdoor life I am anticipating ~~the change~~
~~with much pleasure from the trip.~~

If you are working on any special group, or
groups, of mosses I ^{shall} ~~will~~ be glad to be in the
lookout for specimens ^{for you} wherever I may be.
during the summer if you will let me
know about ~~the~~ ~~matter~~ groups.

I hope next year to have more time for any

our work although the perfect from
this distance ^{appears} ~~is~~ somewhat dubious

New York Botanical Garden,
Bronx Park,
New York City.

June 23. 1912

My dear Mr. Collins: -

I am writing you to say a package
containing 57 specimens of the paper duplicates of Simpson
herbarium for your collection at Fairbairn's community-
which I think best. I am glad to learn that you have been
putting the duplicate names in order - No! I did not know it!
It shall be left to you any mass from Maine as that State
is least represented in my collection of any in N. England.
I am particularly interested in the small Hypnum of the
Dryopteris or Stenodon group (H. nobile - guttale - pubescens)
including H. jaureouii which is not a Raphidostomum
also the latter group (H. recurvum, H. laevigatum, H.
clavatum &c.) But any will be welcome - all but numerous
Bryum. -
Yours truly
E. S. Britton

2965 Decatur Avenue
Bedford Park, N. Y. City.

June 26th, 1902.

My dear Mr. Collins,

Do not be discouraged, go on collecting, and seeing and thinking, and recognizing. I have been through the same woods, and come out of it, more or less cheerful and happy. I still have a lot of my own collections unnamed, put away and some of other peoples too. But as we get more space, more money and more help, I shall get them all straight in time, and so will you. I should be glad to help you by running them over hastily with you, if I could. But I suppose most of your puzzles, require critical examination. Still we all could help if you chose to get out a set of unnamed specimens, and send them to Mr. West, Dr. Grout, and myself, we could probably help you out between us.

We all rest in the way you mean, and it does us more good than absolute idleness. It is the outdoor exercise and the pleasure of seeing new places and things. I wish you might get down to see us before you settle down to work again, I think it would do you good.

Cordially yours,



New York Botanical Garden,

Bronx Park,

New York City.

Feb. 1st, 1903.

Dear Mr. Collins,

Dont worry about the exchange. I have enough mounting and work to do, to keep my girl busy for a year ahead, so there is plenty of time, and we are not anxious to build up a large New England collection, but if you have any very interesting things from Maine, we shall be glad to see them. I am sorry to hear that your teaching takes so much of your time. We manage to keep busy all the time, but it has taken a long time to get caught up with back work, and this is the first year since I began the study of the mosses that I have had all the help, mounting paper, envelopes and case room that I needed, and now we are getting in a lot of new furniture, so that I shall have all the room as well. I am to have a little room all for my mosses alone, and nothing else in it, and I shall be very glad.

Mr. Williams has returned from Bolivia and brought a very fine collection of mosses and ferns, the finest that have ever been brought to our collections, so Prof. Underwood says. Prof. Underwood is now in Jamaica, and will go to Cuba later, the Eastern end, to collect fungi with Prof. Farlow. Our managers seem willing to pay the expenses for exploration of the West Indies, of any botanist that we choose to send there. What is the matter with your New England moneyed men? Why dont you start in to wake them up? Mr. Schermerhorn has just died, who gave Schermerhorn Hall to Columbia. His Daughter is Mrs. Bridgman of Providence. Can you not interest Mr. B. in travelling and collecting, I know that he has much natural talent in that direction, and has done some drawings of fungi for Dr. Farlow, and some mosses for me. His tastes ran toward Entomology also.

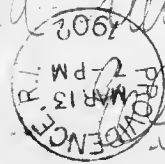
Yours cordially,

E. S. Britton

The amount of the bill should be credited
to Massachusetts - a paid - tonight Pottier

~~which was presented before the Falls.~~

~~sent to the~~



Pottier

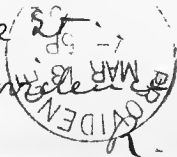
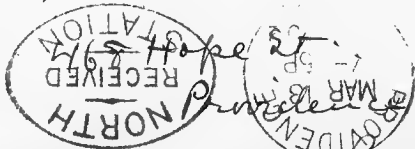
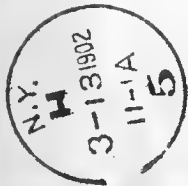
POSTAL CARD - ONE CENT.

UNITED STATES OF AMERICA

THIS SIDE IS FOR THE ADDRESS ONLY.



J. Franklin Collins.



New York Botanical Garden,
Bronx Park,
New York City.

April 15th 1913.

Dear Mr. Collins:

I have examined Miss Lister's letters
& send the specimens of you. The Sphagnum capsules
seem old and are "hold-overs". Are any of them
that you are a very. Do not forget to write
me distinctly W. a. piperitica from New York!
You need not return the letters or specimens.

Yours truly
E. S. Britton

New York Botanical Garden,
Bronx Park,
New York City.

May 12th 1913.

Dear Mr. Collins:— Thank you for the specimens
recently received. I am fast & all time and add
them to my collection. — The Urtica phyllanthoides is
particularly nice! We have just received a box of
mosses from the Pearcy Expedition — great chunks of
things from Fort Crozier — like most of those Arctic
things — they are sterile. I suppose Dr. Kummerow
got away as he expected. I hope he will meet
Diem and Braithwaite. Cordially yours

Elizabeth G. Parthen

New York Botanical Garden,
Bronx Park,
New York City.

Nov. 27 1913.

Dear Mr. Belliss:- I have not returned your letter
before as I have been very busy - I have had
a lot of most tedious work to study the notes
that I do not like to misstate anything else.
I suppose that if you now trust enough to me in
with your "round-leafed species" I could give
you suggestions as most of them that would
help you to get them named. But as for
accounting them all metrosopically that is
"not of the question"
Yours truly
E. G. Britton

39 Columbia Street,
Brookline.

My dear Mrs Britton

I will send tomorrow

a few mosses, will you be kind
enough to name them correctly?

I brought home over a hundred from
my summer vacation, I did not
get anything rare but a few were
new to me. I also send a photograph
of Black brook where I got a few
of them. I did hope to find some-

thing very rare, but I think I do
better in Maine than in N. H. I hope
you had a very pleasant summer.

Yours truly

M. L. Stevens

Nov. 1 1903

Letter enclosed Nov. 9th

Corrections made & specimens

sent to Mr. Collins. —

New York Botanical Garden,
Bronx Park,
New York City.

Oct. 20 1904

Dear Mr. Collins: -

Many thanks for the two specimens
of Fritillaria capitata. I see that your space

measurements tally compared with those given by
Lindl. I have sent off to the two largest
Botanical Club a set of Fernald's plates but do not
know if they will be my carefully named
as the term will seem to be followed up my
suggestions by any subsequent study.

Yours truly
L. E. Britton

List of Mosses: *Anomodon attenuatus*, *Aulacomnium heterostichum*, *A. palustre*, *Bartramia pomiformis*, *Brachythecium plumosum*, *Bryum argenteum*, *B. nutans*, *Buxbaumia aphylla*, *Catherinca angustata*, *Ceratodon purpureus*, *Climacium Kindbergii*, *Dicranum flagellare*, *D. fulvum*, *D. scoparium*, *Dicranella heteromalla* var. *orthocarpa*, *Ditrichum pallidum*, *D. tortile*, *D. vaginans*, *Entodon seductrix*, *Funaria hygrometrica*, *Georgia pellucida*, *Grimmia apocarpa*, *G. conferta*, *Hedwigia albicans*, *Hylocomium proliferum*, *Hypnum crista-castrensis*, *H. Haldanianum*, *H. hispidulum*, *H. imponens*, *H. reptile*, *H. Schreberi*, *Pogonatum tenue*, *Leucobryum glaucum*, *Thelia hirtella*, *Mnium sylvaticum*, *Orthotrichum sordidum*, *Plagiothecium striatellum*, *P. sylvaticum*, *Polytrichum commune*, *P. juniperinum*, *P. Ohioense*, *P. piliferum*, *Pylaisiella intricata*, *Sphagnum acutifolium*, *S. cymbifolium*, *Thidium delicatulum*, *T. scitum*, *Webera sessilis*, *Weissia Americana*, *W. ulophylla*.
Waltham, Mass.

NOTE.—The excursion on April 23d was so successful that a second was arranged for May 14th, and four members have been added to the Chapter as among the results.
A. M. S.

The Bryologist: Vol. 7, No. 4: p. 67.

OFFERINGS.

[To Chapter Members only—for postage.]

- Mr. J. Warren Huntington, Amesbury, Mass. (Four cents postage.)
Sphagnum acutifolium Ehrh.; *S. cuspidatum* Ehrh.; *S. recurvans*
(P. Beauv.) R. & W. var. *mucronatum* Russ.; *S. squarrosum* Pers.;
S. cymbifolium (Ehrh.) Hedw.; *S. rubellum* Wils. Collected in Ames-
bury.
- Mr. B. D. Gilbert, Clayville, Oneida Co., N. Y. *Funaria flavicans* Michx.
- Mr. N. L. T. Nelson, 3968 Laclede Ave., St. Louis, Mo. *Gymnostomum*
rupestre Sch. c.fr. Collected in Minnesota. *Weisia viridula* Brid.
c.fr. Collected in Missouri.
- Miss Mary R. Haughwout, Wilson College, Chambersburg, Pa. *Climacium*
Kindbergii (R. & C.) Grout, c.fr.
- Mr. G. K. Merrill, 564 Main street, Rockland, Me. *Evernia furfuracea* (L.)
Ach. var. *Cladonia* Tuckerm. Collected in Camden.
- Mrs. Carolyn W. Harris, 125 St. Mark's Avenue, Brooklyn, N. Y. *Sphaero-*
phorus globiferus (L.) DC. Collected by Mr. A. J. Hill, British Col.

New York Botanical Garden,
Bronx Park,
New York City.

.....July 26, 1904.....

Prof. J. F. Collins,
Brown University,
Providence,
R. I.

Dear Prof. Collins:-

I send you to-day by mail four mosses collected at West Newbury, Mass., by Miss. Caroline C. Haynes; also a list of mosses collected at Waltham, Mass.

Hoping they will be of use to you.

Very truly yours,

E. M. W.

(For Mrs. E. G. Britton.)

New York Botanical Garden,
Bronx Park,
New York City.

.....Oct. 19, 1904.....

Prof. J. F. Collins,
Brown University,
Providence, R. I.

Dear Prof. Collins:-

According to my Accession Book, I sent you in April 1903,
duplicates of mosses collected ^{at Prospect Harbor} in Maine by Mrs. A. R. Northrop. I have
recently learned that she wanted the duplicates returned to her. If you
have not mounted them and can put your hand on them easily, will you be
so kind as to send them to Mrs. Northrop, 500 Warburton Avenue, Yonkers,
New York, and oblige,

Very truly,

Elizabeth G. Britton

G. M. W.

New York Botanical Garden,
Bronx Park,
New York City.

.....Oct. 21, 1904.....

Prof. J. F. Collins,
Brown University,
Providence, R. I.

Dear Prof. Collins:-

I have just received your letter of the 20th inst. and would say in reply that you should keep whatever you have mounted in your herbarium and send what you have left to Mrs. Northrop.



Elizabeth G. Britton

Very truly,

G. M. W.

New York Botanical Garden,

Bronx Park,

New York City.

July 21. 1895 ⁵

My dear Mr. Collins: -

I thank you for calling my attention to all the notes in the paper in Heckera! I am sorry to see that Wanderer has no title-page and is not published - but consists of parts from the St. Gall no subsequent republication took place but Lawbeck

completed the enumeration after Reyer's death. What is the pagination of your copy? Inserted or not? - I have referred to the our reference in the Index! & then was a subsequent reprint with title-page & page - I should like to know of it. - Yours sincerely

I wish you a happy New Year! - E. Lindström, Berlin -

New York Botanical Garden,

Bronx Park,

New York City.

Sept 7th 1895

Dear Mr. J. M. Jellison: -

In looking I refer to Botanical literature! -
There are two things! The one that you + me have is the
'Vegetation of the West' - 1869-1879 - H. Hall - The structure was
published in 1870-75 - Berlin & Co. - The other is 'Vegetation
of the East' - we have not a copy of this work!
but shall send it to Mr. Jellison for it - I thank you for all the paper
etc. that you sent me - which you sent me copy - except that it is
bound all in one volume! - and I have repaired mine - as you have
yours but all continuously - I thank you for calling my attention
to these discrepancies - which I did not realize as I supposed there
was only one work! -
Yours sincerely
E. S. Pott

New York Botanical Garden,
Bronx Park,
New York City.

March 9, 1905.

Prof. J. F. Collins,
Brown University,
Providence, R. I.

Dear Professor Collins:-

I enclose a postal card which will be of interest to you I think, and answering the question which I could not answer before I left for Nassau. Please return the card to me as I believe Miss. Vail wants to file it in the library correspondence, and oblige,

Yours truly,

E. G. Mott L. Britton

Copy of card enclosed

Leipzig Feb. 13, 1905

To N. Y. Bot. Garden
Miss Anna Murray Vail Librarian

Bronx Park
New York City

Dear Madam.

In reply to your favor of 2nd inst I beg to inform you, that the book enumerated in my catalogue, 1842: 2083 Jäger at Sims Coll. Genera et species Muscorum etc. 2 vols. Cur 2 suppl. et indices is a copy of the original publication taken from the "Berichte über die Thätigkeit des St. Gallischen naturwiss Vereins"

There is no other work besides the Genera and Species Muscorum. The book mentioned by Mr. B. D. Jackson in his "Guide to the Literature of Botany" on page 153 (Jäger, Rekenntnis, Berlin 1870-75) is the first volume of the above, which Mr. Jackson has quoted - I believe - from an obsolete catalogue (1877) of a Berlin second-hand bookseller, where the work of Jäger, continued and finished by M. Sumbach under a title a little altered, has not been completed.

I remain

Yours very faithfully

p. Oswald Weigel

New York Botanical Garden,
Bronx Park,
New York City.

..... March 16, 1905.

Mr. J. F. Collins,
468 Hope Street,
Providence, R. I.

My dear Mr. Collins:-

How very kind of you to send me such lovely specimens with such neat labels all mounted and ready to put on the sheets, they are simply charming, so please accept my thanks and let me wish you all success in further study and exploration.

I am hard at work on our West Indian and allied Florida collections, and just now am in a pucker over Fissidens and Macromitrium. Either *M. mucronifolium* of the manual is not that species or else I have still another species from Florida. I suppose you have not by any chance a specimen of Fitzgerald's collecting in Florida, if you should have I should be greatly pleased to see it.

With many thanks, believe me

Yours sincerely,

Elizabeth G. Britton

New York Botanical Garden,
Bronx Park,
New York City.

.....January 10th, 1906.....

Prof. J. F. Collins,
Brown University,
Providence, R. I.

My dear Prof. Collins:-

The second part of the Flora of North America has just been issued and Professor Underwood, Doctor Evans and I have had a meeting and talked over matters as a preliminary for volumes 14 & 15 which are to include the mosses and hepatics. I am writing now to my bryological correspondents to know how much help we may count on and in what families of mosses, principally in the acrocarpus to start with.

We have had a card catalogue made from Engler & Prantl Pflanzenfamilien including all the mosses of Greenland, North America, Central America and the West Indies and it looms up as quite a task.

I write to ask you whether you would be willing to take any part and whether your duties at Brown University would permit of your planning to come here for a month or so during the year and take work under one of our free scholarships. They pay \$50.00 and the completed pages of the North American Flora when printed pay \$2.00 per page. Dr. Best has indicated his preference for the families Lartramiaceae, Phniaceae and Polytrichaceae. Dr. True, I hope, will finish up his Dicranaceae and I want to do Fissidens, Orthotricheae and Grimmiaceae, but would be willing to give up any of these to any one else who chooses to take them and tackle the Tortulaceae, which everybody seems to be a little shy of. The only genera that I positively decline to do are Bryum and Sphagnum.

New York Botanical Garden,
Bronx Park,
New York City.

"2"

I am enclosing a Picranum, received from Miss Clarke,
which I did not have from Massachusetts.

Do please seriously take this matter into consideration
and let me know whether you have any partiality for revising any particular
group.

With kind regards and best wishes for the New Year.

Sincerely yours,

Elizabeth Britton

Jan. 14, 1906

My dear Mrs. Britton:

Your letter of the 10th ^{was duly rec'd} ~~is at~~
~~hand~~. I really do not know what to say ~~in regard~~
to the proposition in regard to the "N. Amer. Flora."
I should like very much to undertake some of the
work if I ~~could~~ ^{could find} reasonably spare of the time, ^{in which} to do it well
~~thoroughly~~. Just at present, ~~however~~, there seems
likely to be ^{some} change ~~which~~ ~~will~~ ~~not~~ ~~at~~ ~~the~~ ~~end~~ ~~of~~ ~~this~~
year which may result in my having still less time for
my work, or, it may result in my having all of my
time for it, or ^{for} anything else I ~~choose~~ ~~one~~ ~~to~~ ~~use~~ ~~it~~ ~~for~~
If certain possible changes do come about I shall not
remain ~~at~~ ~~home~~ ~~in~~ ~~another~~ ~~year~~, ~~in~~ ~~that~~ ~~probability~~. ~~This~~ ~~is~~ ~~"not~~ ~~for~~ ~~publication"~~
If ~~something~~ ~~should~~ ~~happen~~ ~~to~~ ~~indicate~~ ~~which~~ ~~way~~ ~~the~~
nature of the ^{possible} change ~~(if any)~~ I might be
able to ~~make~~ ~~some~~ ~~definite~~ ~~plans~~. ~~Perhaps~~ ~~something~~
~~will~~ ~~occur~~ ~~before~~ ~~long~~. ^{Please consider this} ~~as~~ ~~confidential~~.
What would happen if I should begin some work, and
be unable to complete it? Is there any contract in
regard to the work? Of course in a work of
the extent of the N. A. F. Fl., some ~~general~~ ~~rules~~
for general uniformity must be followed by everybody.
How far do these extend in regard to cryptogams

e.g. as to (1) time for completion, the work, (2) method of treatment (monographs, compilation, or both), (3) nomenclature, (4) space, etc. Is E. + P. treatment to be followed? would it be acceptable?

Answering Dr. Best has forestalled me on Polytrophicae for that would have been my first choice, ~~etc.~~ However, there are some other

families, ~~perhaps~~ which are of nearly as great interest to me, viz. Sphaerocarpaceae, Antheromycetaceae, Mesomerangiaceae, Catantopodaceae - and the smaller Catantopodaceae, Boudieriaceae & Sphaerocarpaceae, ~~and~~ I have ^{also} always had considerable of an interest in ^{either} Antheromycetaceae & Sphaerocarpaceae although never doing much with ~~them~~ and I am ^{somewhat} ~~rather~~ afraid of the latter -

At present, ^{not considering} ~~with~~ uncertain prospects ahead, my best time to get away ^{would} seem to be for about a week or 10 days between the 18th & 28th of March and again ~~to~~ ~~spend~~ during the latter half of June. Please let me know a little more about the conditions relating to the three scholarships.

New York Botanical Garden,
Bronx Park,
New York City.

.....January 15th, 1906.....

Prof. J. F. Collins,
Brown University,
Providence, R. I.

My dear Prof. Collins:-

Thank you very much for your letter of January 14th. I shall be glad to hear of any change that will enable you to have more time for the mosses. I will answer your questions in turn: 1. Nothing would happen if you were unable to complete your work on the North American Flora. There is no contract in regard to it. If you have not seen the two parts which have appeared of this work and decide to assist us, I shall be pleased to send you a sample copy. 2. There is no limitation as to time for completion and every author is at liberty to either monograph or compile or both as seems best. 3. The nomenclature is based on the oldest specific name and would probably follow the Vienna Code, although so far and until the next congress is held in Brussels five years hence, there has been no decision for Bryophytes. 4. Each group requires more or less different treatment, but the plan is to get as many species on a page as possible. In the parts which have appeared there are four or five species on a page, but this will hardly be possible in certain genera. The Engler and Prantl treatment will be followed as far as possible, although I find a good many omissions and corrections are necessary. I am basing my sequence on a card catalogue compiled from this work which includes all the North American species and Greenland, the West Indies and Central America, making the total 146 genera and 1500 species.

Dr. Best has only expressed a preference for the

New York Botanical Garden,

Bronx Park,

New York City.

"2"

Polytrichaceae, but he has not actually made a definite promise to do them. The other families which you mention would be fully as interesting. Miss. Julia T. Emerson is studying the Andreaeaceae and has made a good beginning. Dr. Evans tells me that F. LeRoy Andrews has made a good beginning on the Sphagnaceae, so that neither of those two genera need bother us, as I hope Dr. Evans may be able to persuade Mr. Andrews to ^{do} the Sphagnums.

The scholarship yields \$50.00 a month and the time may be divided to suit your convenience. I would advise however, your beginning the work at such a time that you could have a month free and I could be here. I expect we shall be away between the 18th and 28th of March and a week or ten days is very little time, especially if you have college duties on your mind between ^{ours} ~~times~~.

Thanking you for your interest and hoping that you may be able to join in the work, believe me,

Very sincerely yours,

Elizabeth G. Britton

Prin. Jan. 17. 1906

Dear Mrs. Britton:

Yours of the 15th at Rand,
Mr. A. LeRoy Andrews has been working for ~~perhaps~~ ^{perhaps}
~~two~~ ^{two} years, ^{on} the ~~list~~ ^{checklist} of N. E. Sphagnum.
and a few months ago, just before he sailed
~~abroad~~ ^{abroad} for Eur., sent the ms. to me ~~for~~ ^{for}
final ~~revision~~ ^{overhaul} ~~and make a few additions~~. ^{owing to a}
misunderstanding, it had to be held up ^{at the} ~~at the~~
last moment until we could communicate with
him in regard to certain details. I think
everything is all right now and ~~that~~ ^{that} the list
will soon appear. Mr. Andrews plans to
be abroad for two years and, when I recall your
before, I did not know but you might meet the
work, ^{on N. E. Sph.} well under way before he returned to the country.
This is one reason for my inquiring about time limit,
before I mentioned him.

For nearly two years, as ^{limited} ^{long} ~~time would~~
permitted, I have been working on Polytrichaceae
for the N. E. Check-list. About a month
ago I ~~supposed~~ ^{thought} I had it about ready for
publication, except in regard to one ~~species~~

I hope that Mr. Andrews will take up Sphagnum. Please ask him about it.

New York Botanical Garden,

Bronx Park,

New York City.

Do you want any material on
the ferns that you are studying
in species?

July 1st 06.

Dear Prof. Collins: -

What you tell me about your

studies on the Polystichaceae interest me

greatly - and I feel quite sure that Dr. Brit-

ton will look over & you all rights in the

family. They will come at the tail end

of Vol. 15. being the beginning of the Concomitans names.

Prof. Hitchcock - Dr. Engelm. & Mr. Britton & I have

arrived to place in Vol. 14 the Separate - Sphag-

num - indica - and Plumcarpus names.

There are 1500 Limnophora species & 140 genera of

names - including the N. S. & Central American

Of these the Polyplichaera includes six genera and
106 species. I have always felt sure that the
old types of musica - 1795 - which are still
preserved at G. Pennington Museum were studied
they would authenticate some of our modern
species - and I have also been sure that there was
considerable variation in the lamellae and that
there was less reliance to be placed on the shape
of the uterine cell - there has been some to it.
I shall greatly enjoy reading your results
when you are ready to publish them & to see
what you make of the varieties of P. musica.
With kind regards & many thanks for your interest
& confidence believe me very truly

Yours truly
Elizabeth C. Britton

New York Botanical Garden,
Bronx Park,
New York City.

February 7, 1906.

Mr. J. F. Collins,
Brown University,
Providence, R. I.

My dear Mr. Collins:-

I have been ^{house} cleaning this morning and find that I have a number of New England mosses unnamed. I do not care to take the time to determine these, so I am sending them to you under separate cover thinking perhaps that they may be of interest to you. If you do not want them, throw them away.

Sincerely yours,

Elizabeth C. Britton

New York Botanical Garden,
Bronx Park,
New York City.

.....October 19, 1906.....

Mr. J. F. Collins,
Brown University,
Providence, R. I.

My dear Mr. Collins:-

We are back from our trip to Jamaica where we made a great haul of mosses, hepatics, lichens and ferns. Doctor Evans and Mr. Nichols were with us as well as Professor Underwood and Mr. Britton, so we had a good time and found lots of treasures.

One day last week Miss. Lorenz spent the day with me and we went over her puzzles. Among them was a specimen from Mt. Mansfield, collected on the Fourth of July trip, which proves according to Dr. Best to be either Pseudoleskea substriata or Lescurea frigida, from Kindberg's imperfect description, apparently the latter. Miss. Lorenz is sending you a duplicate at my request. I also enclose a specimen about which there seems to be some doubt, it may be of interest to you, so keep it.

I also had a call from Mr. Chamberlain, whom I had not previously met, and he told me of your having mounted the Wilson duplicates for Professor Farlow.

You may be interested to know that Mr. Williams is in England, where he has gone to pack the Mitten herbarium which we have just purchased.

With kind regards, believe me,

Sincerely,

Elizabeth C. Britton

Belleay 1907

My dear Mrs. Britton,

I want to thank you for the bit of R.T. Cuthbertson which you so kindly sent me through Mr. Chamberlain. I have delayed acknowledging it for a few days until I could examine it. This evening, I have had a chance to do so.

The plant seems to be identical with two specimens in the B.V. Herb. collected in Smithfield N.Y. in 1846. by Allen. ^(probably the same as yours) At the time I published my N.E. list I did not consider these plants (labeled *Strichen crispus*) correctly named. I took them to be a ^{small} form or race of *C. undulata* but I did not feel sure enough ^{of the form} to incorporate them in my preliminary list. I have recently re-examined these plants and have again arrived at ~~the same~~ the same conclusion ~~as before~~.

My reasons for thinking ^{them wrong} ~~so~~ may be briefly summarized as follows.

	<i>C. undulata</i>	<i>C. crisp.</i>	<i>R. T. speciosa</i> , (Ching)
Leaves.	lingulate, undulate undulate	oval to lanceolate broadly undulate	lingulate slightly undulate to
Bark of lamina upper	trichot	smooth trich	slightly trichot
Cells.	18-22 μ .	25-45 μ	15 μ .
Funnel cells	2-4 (or 2-6) low (3-5 cells)	1-4 1-3 cells, high.	4 3-4 cells, high.

I've included some tracings of common lenticular drawings which were made from the *R. T. speciosa*, which you sent me ~~for the purpose~~. You may keep these tracings & put with the specimens in your herb if you wish as I shone the original drawings.

Very truly
J. D. C.

New York Botanical Garden,
Bronx Park,
New York City.

November 22, 1907.

Prof J. F. Collins,
Brown University,
Providence, R. I.

My dear Prof. Collins:-

I am sending you in a separate package
six mosses, collected at East Hebron, New Hampshire, last summer
by Mr. Percy Wilson, which may be of interest to your collection.

We are all heartbroken over the death of
Professor Underwood.

Yours cordially,

Elizabeth B. Britton

Providence, R. I., Nov. 25, 1907.

My dear Mrs. Britton:

Thank you ever so much for the little package of mosses which has just come to hand. I am glad to get the specimens. I feel somewhat guilty in accepting them as I have not sent anything to you for so long. However, it is not for the reason that I have nothing to send, but because I have had no time to get specimens ready to send. You will get them some day, and then with interest, I hope.

It is indeed a very sad thing in regard to Mr. Underwood.

It must have been a tremendous shock to all his colleagues and intimate friends, as it was to all who knew of him. Botany has certainly lost a valuable man. Although I never met him I have often heard him highly spoken of by numerous friends of mine who know him intimately. •

Very truly yours,

New York Botanical Garden,
Bronx Park,
New York City.

.....February 6, 1908.....

Mr. J. Franklin Collins,
468 Hope Street,
Providence, R. I.

Dear Mr. Collins:-

The package of mosses collected in Georgia by
H. H. Bartlett has been received. Many thanks. I have examined
No. 907 for Isopterygium micans (Sw.) and believe it is simply a
very slender form of this species which is quite common in our
Southern States and which I have proven to be the same as
Plagiothecium Groutii Cardot & Theriot Bot. Gaz. May 1904. I
suppose you intended these for us.

We leave for Jamaica, West Indies on the 22d
for five or six weeks.

Yours sincerely,

W. G. Britton

February 8, 1908

Mrs. J. C. Britton,
Botanical Garden,
New York City

Dear Mrs. Britton:

Yes, the Georgia mosses were for you to keep. You may consider them as a very small instalment towards cancelling the large debt which I owe for your kindness in sending me numerous New England mosses which have been so acceptable within the past two or three years. I have recently enjoyed a few evenings of moss work, and this package is one result. More will follow, in the more or less remote future, when I have other opportunities for study.

Thank you for your report on No. 907.

I hope you will have a fine trip to Jamaica. If you happen across any of the forms, varieties, sports, "primary species", etc, of Polytrichum commune, and have a chance to gather in a few, I hope you will remember that they are just what I am anxious to get hold of.

Very truly yours,

February 6, 1908.

Mrs. S. G. Britton,

Botanical Garden,

New York City,

Dear Mrs. Britton:

F

New York Botanical Garden,
Bronx Park,
New York City.

February 13, 1908.

Prof. J. F. Collins,
Brown University,
Providence, Rhode Island.

My dear Prof. Collins:-

Many thanks for the duplicates received. As far as I know there is no Polytrichum commune in Tropical America and it ^bvery ₁ unlikely that the species so-called by Mitten (Journ. Linn. Soc. 12: 621. 1869) Weir Nos. 99 & 100 are that species. I am sending duplicates. If you care to go into the question of the West Indian species I can send more! Only P. aristiflorum Mitt. and P. glaucicaule C. Mull. have ever been cited for Jamaica. Do you want to see them?

Yours truly,

E. G. Britton

unquestionably not commune!

Feb. 17, 1909

Mr. A. G. Britton,
New York City.

My dear Mrs. Britton:

Many thanks for the duplicates from the
Hitten Herbarium (Herb. 100). I agree with you that it is in all
probability not Polypodium commune, although I have had no chance
to study it. I feel very reluctant about seriously tackling the
West Indian polypods, yet I shall be glad to get specimens of
any such as you obtain in duplicate, especially such as may be
closely related (if any be found) to P. commune.

Very truly yours,

New York Botanical Garden,
Bronx Park,
New York City.

.....November 8th, 1909.....

Mr. J. F. Collins,
Providence, Rhode Island.

Dear Mr. Collins:-

Only a common species but it made me realize that I had not heard from you for a long time! What are you doing? Where have you been? Are you still studying Folytrichum? Are you going to help us on North American Flora? We had Dr. A. LeRoy Andrews here last summer ~~here~~ for two months on one of our research scholarships and am rejoiced at the same way in which he looks at Sphagnums. Mr. Williams also has reduced all of Kindberg's divagations in Dicranum, and is struggling with Lycop.

*continues, which have
been much misinterpreted.*

Cordially yours,

E. L. Britton

if so what genus?

As you may state in my

Jan 3, 1910.

Mrs. E. S. Britton,
New York Botanical Garden,
New York City,

My dear Mrs. Britton:-

Your letter came several weeks ago in the midst of a "rush" season with me, and as a result it was mislaid or overlooked until recently. It was then so near the Boston meeting of the A. A. A. S. that I concluded to see you there. At the latter place it almost seems, as I now look back upon it, as if we had mutually agreed to persistently dodge each other; at least we could not have succeeded better if we had. I was extremely sorry not to attend the Sullivant Society meeting, but I was obliged to be elsewhere that afternoon. I went around to the Nat. Hist. rooms in the a.m. hoping to see you then. I also looked for you at several other meetings in Boston.

Replying to your questions in the letter I would say that I have been working on *Polytrichum* whenever a little time ^{has been} is available. From our correspondence of some three years ago I understood that I was expected to do the Polytrichaceae for the U.A. Flora, and have slowly been working along those ϕ lines, though for the past two years I have not found very much time for this particular work. I judge from your letter that there is some misunderstanding in regard to the matter. Please let me know.

I called at the Garden last summer and also in '08 to see you, I saw Drs. Murrill, Rydberg, and Andrews last summer and Dr. Small in '08. If I had known any ahead of ~~the~~ time that I could have visited the Garden I should have written you, but as it was I had to take my chances of finding you.

Very truly yours,

New York Botanical Garden,
Bronx Park,
New York City.

January 4th, 1910.

Prof. J. Franklin Collins,
Brown University,
Providence, R. I.

Dear Mr. Collins:-

It is too bad to have missed seeing each other so completely. I am very glad to hear again from you and to be assured that you are planning to do the Polytrichaceae for North American Flora. No! there is no misunderstanding - no one else wants them - but I had not heard from you or sent you any material recently! Mr. Nichols discovery of Pogonatum brachyphyllum at New Haven is very interesting and Professor Chamberlain - who was here just before Christmas - told me that he did not believe our North American specimens of Pogonatum alpinum were the same as the European! I have not looked into this question - but it is known to be a variable species.

Let me know if I can be of any help to you.

With best wishes for the New Year,

Sincerely and cordially yours,

Elizabeth G. Britton.

Proc. Litchfield Mass. Am. A.
Society at Cambridge.

Jan. 5, 1910

Mrs. E. G. Britton,
Botanical Garden,
New York City.

My dear Mrs. Britton:-

Thank you for your offer of help on the North American Polyt-
richaceae. I shall certainly avail myself
of the opportunity later, as soon as I under-
stand my own material a little better.

Am glad to hear of Mr. Nichol's discovery
of Pogonatum brachyphyllum, and also that
Mr. Chamberlain agrees with what I published
in *Rhodora* (8:132) in July, 1906, in regard
to Pogonatum alpinum.

With the season's greetings,

Very truly yours,

February 17, 1910.

Mrs. Elizabeth G. Britton,
New York Botanical Garden,
New York City.

My Dear Mrs. Britton:

This is the first call for help. I have been trying to find out what Polytrichum commune var. canadense Kindbe. really is, or if it is anything different from something we long have known under another name. I have examined specimens labelled this in my own herbarium and also some in the University's herbarium and they all prove to be good genuine P. juniperinum. I wonder if you have anything different. I am strongly tempted to write to Sweden and see if I can get hold of a bit of authentic material, as I suspect there has been a shuffling of labels in Ottawa.

I would also like to ask if you have anything at the Garden in the line of P. Swartzii, or a form of it with strongly squarrose leaves that holds the same relation to this specie that the var. uliginosum does to P. commune. You will understand what I mean by the var. uliginosum when I say that I regard Holzinger's No. 74 as good typical uliginosum. The form of P. Swartzii that I refer to looks like a diminutive uliginosum (about half that size) and slightly branched at base.

Very truly yours,

New York Botanical Garden,
Bronx Park,
New York City.

July 16th, 1910.

Professor J. F. Collins,
Brown University,
Providence, R. I.

Dear Mr. Collins:-

I am sending the catalogue in separate cover to you, as I promised. You will see by Mr. Maxon's letter that they have selected only eight titles but he does not indicate what they are. I sent off my order and Miss Haynes some time ago but have not yet received the books.

We leave for Cuba again about the middle of August.

Sincerely yours,

Elizabeth G. Britton

Oct. 3, 1910

My dear Miss Borkland:-

Your card has just reached me. Two days ago I had my first opportunity to look over the Witten catalogue, having returned to the city less than a week prior thereto.

I find two books listed that I should like to get if not too costly, Nos. 179 and 287. The latter is, I imagine too high priced to consider. There are quite a number of the foreign publications which I do not have, but I cannot invest in these just at present. Nearly all the American ones I already have.

I do not remember that Mrs. Britton told me anything about the method of purchase, whether by bidding or by paying a fixed price which does not appear on the list. Can you inform me?

Very truly yours,

New York Botanical Garden,
Bronx Park,
New York City.

Oct. 5th, 1910.

J. Franklin Collins,
468 Hope Street,
Providence, R. I.

Dear Prof. Collins:-

Miss Mitten fixes the price according to catalogues that she has and they are not unreasonable. I will ask her to let me know the prices of 179 and 287 at once and let you know. The list goes to Dr. Grout now.

We are back from Cuba safe and sound with 1500 more plants to add to our collections which are getting to be quite large from this island.

Cordially yours,

Elizabeth Britton

New York Botanical Garden,
Bronx Park,
New York City.

Oct. 8th, 1910.

Professor J. F. Collins,
468 Hope Street,
Providence, R. I.

Dear Professor Collins:-

Don't you want me to send you a lot of
West Indian duplicates named and unnamed of Polytrichum, etc. Of
course we are all very busy at the beginning of the fall season,
but we all know that you have made a critical study of the family
and I should be pleased to share our material with you.

Sincerely yours,

Elizabeth G. Britton

468 Hope Street,
Providence, R.I.
Oct., 10, 1910

Mrs. E. G. Britton,
New York Botanical Garden,
New York City,

My dear Mrs. Britton:-

I should be very glad to get any such West Indian duplicates as you may have to spare, and thank you for thinking of me in this regard. I hope no one will expect me to make any studies on them in the immediate future, as it will be almost, if not entirely, impossible for me to find the time to do so this side of Christmas

Very truly yours,

New York Botanical Garden,
Bronx Park,
New York City.

Oct. 13th, 1910.

Prof. J. Franklin Collins,
468 Hope Street,
Providence, R. I.

Dear Prof. Collins:-

Lillian and I will get together gradually some duplicates of the Polytrichaceae and send them on to you sometime before Christmas, then you can take your time over them as we shall not reach that group for many months yet.

Sincerely yours,

Elizabeth G. Britton

179 James T. P. Music 40th Parallel 1/6
207 Wilkes 25/-

Prof J. Franklin Collins

New York Botanical Garden,
Bronx Park,
New York City.

Jan. 16, 1911.

Prof. J. F. Collins,
468 Hope Street,
Providence, R. I.

Dear Prof. Collins:-

Many thanks for the reprints from Rhodora which have reached me to-day. The successful use of corrugated boards will be helpful in certain parts of Cuba where it ^{still} ~~varies~~ all the time! I have been checking up our specimens of Philonotis from the Dismier Revision and am tempted to ask you if you can spare specimens of P. americana var. gracilescens Dism. n. var. Collins, no. 4172, Gaspe' Co. P. 2. Also is he not mistaken in crediting to R. Id. St. Frances (Collins no. 2367) is it not P. 2? (p. 25). P. caespitosa, R. Id. Collins 2410. P. fallax P. 2, Baldé (C.F. & F. 3593). If there are any of ours of which you would like duplicates please let me know as we are putting them in order now. Miss Kitten sent the enclosed memorandum recently and at last has sent me a priced catalogue.

With best wishes for the New Year,

Sincerely yours,

Elizabeth G. Britton

P. S. (On separate sheet as memorandum.) In putting away the reprints in the library I find that according to our card index reprints in the library two of your separates are lacking in our set. If you can supply them at this late date, we shall be much obliged. They are:

Collins, J. F. Notes on the Bryophytes of Maine. II. Katahdin Mosses.
Rhodora 3: 181-184. 10 Je. 1901.
Preliminary lists of New England Plants, -XIX.
Rhodora 8: 131-135. 28 J1 1906.

Another
any dup.
Kitten?

Jan. 17, 1911./

Mrs. M. I. Britton,
New York Botanical Garden,
New York City.

Dear Mrs. Britton:-

Yours of yesterday's date is at hand. I am sending under two separate covers both reprints and specimens of all the mosses you mentioned. You would have received the latter later in any event. I had no duplicate of No. 2410, so I abstracted a piece from my own herbarium for you.

In regard to No. 2367 Fiskier has made a blunder. The only two specimens which he named M. americana were collected in Maine. I send you specimens of each. Probably he took the "M. I." from after my name at the top of the label (see label of 2367.) It has never seemed necessary ^{to} insert "Maine" after the locality where that word is printed so prominently at the top of the label, but I can easily see where a foreigner might be misled by a custom which is so generally understood in the country.

In regard to the Mitten pamphlets; if I understand the figures to mean shillings and pence as follows,

179. James: Musci of the 40th parallel, one shilling, six pence.
237 (or is it 287?) Wilkes expedition, twenty-five shillings.

I should like both of them.

If it is necessary, or advisable, for me to write direct to Miss Mitten please advise me promptly of her address and I will communicate with her at once. Perhaps you are acting somewhat in the nature of her agent in this country.

I hope if you learn of other mosses or reprints that you would like that you will let me know. If I have duplicates I shall be only too glad to supply your wants.

Very truly yours,

New York Botanical Garden,
Bronx Park,
New York City.

.....Jan. 18, 1911.....

Prof. J. Franklin Collins,
468 Hope Street,
Providence, R. I.

Dear Prof. Collins:-

Many thanks for your prompt and generous reply to my request for specimens. Don't you want some of ours? Yes, I have made a lot of corrections in our copy and will send the list to you as soon as Prof. Chamberlain returns it! He is translating the keys and I have written a critical revision. I will send your order to Miss Mitten at once. Yes, I have tried to help them dispose of their father's books and pamphlets!

Cordially yours,

Wendell G. Britton

Jan. 20, 1911

Mrs. F. G. Britton,
Botanical Garden,
New York City.

Dear Mrs. Britton:-

I should be very glad to see a list of the Dismier corrections as soon as you get the list back from Chamberlain, if you can spare it temporarily.

I do not think of any special mosses that I would like just at present. Perhaps you may occasionally run across a duplicate that you would like to get out of your way. I did not, however, send you the specimens with the expectation of getting anything in return. I have not yet forgotten that you have in the past sent me numerous

N. S. duplicata

Very truly yours

New York Botanical Garden,
Bronx Park,
New York City.

Jan. 23, 1911.

Prof. J. Franklin Collins,
468 Hope Street,
Providence, R. I.

Dear Prof. Collins:-

I have compared notes and corrections with Prof. Chamberlain who was here last Saturday and he tells me that he is going up to see you on Lincoln's or Washington's Birthday and will take his copy along. I meant any species of Philonotis! as listed by Dismier that might be lacking in your collections. I also told Mr. Chamberlain that I wished he could persuade you to come here next summer for a month or more on one of our research scholarships to study and put our collection of Pogonatum and Polytrichum in order. They are worth \$50. and Dr. Le Roy Andrews will be here in July and Dr. Arthur and Dr. Kern have been here several times. It would enable us to get a better understanding of the family than we have now. *I name up the M. J. materials.*

Sincerely yours,

Elizabeth G. Britton

29 Jan. 1911

My dear Mrs. Britton:-

Yours of the 23d duly received.

I have looked over my specimens fo *Philonotis* and find I lack the following species and varieties listed by Dismier. My list of what I lack is longer than what I have. I f you have any duplicates of any listed below I would be very glad to get a bit of any of them.

The following species and varieties not in Herb. J.F.C.

P. radicalis; have one Fla. specimen ~~mk~~ only (Holzinger's No.94)
gracillima
sphaerocarpa; no U.S. specimens.
tenella; none of the varieties.
uncinata, nor any variety.
crysoblata
Marchica; not a specimen from anywhere!!
seriata
tomentella, nor any variety
caespitosa; none of the varieties.
capillaris; no U. S. specimen.
None of the S. American species.

I expect Mr. Chamberlain here over Sunday, two weeks from today, when we shall probably go over the corrections, etc.

Very truly yours,

New York Botanical Garden,
Bronx Park,
New York City.

.....Feb. 14, 1911.....

Prof. J. Franklin Collins,
468 Hope Street,
Providence, R. I.

Dear Prof. Collins:-

Yours of January 29th has awaited a chance to pick out duplicates of Philonotis. We are sending 18 specimens of the 11 species and hope they will be welcome. I also want to offer you a set of mosses collected in Maine by Percy Wilson which I have not taken the time to study. Do you want them sent to you?

We leave for Cuba on Saturday, Feb. 18th.

Cordially yours,

Elizabeth G. Britton

Feb. 18, 1911.

My dear Mrs. Britton:-

Thank you very much for the specimens of Philonotis which came a few days ago. In regard to the Maine mosses would say that I should be glad to get any, provided it does not involve naming them. I am trying to narrow my moss work, as time for the work is so limited; to working almost entirely on the Polytrichums.

Very truly yours,

New York Botanical Garden,
Bronx Park,
New York City.

July 25, 1911.

Prof. J. Franklin Collins,
468 Hope Street,
Providence, R. I.

Dear Prof. Collins:-

We promised to send you duplicates of Polytrichum etc. from the W. I. last year and did not get around to it. Am hoping that Lillian will find time to get the duplicates for you soon. Meanwhile, I wonder if you could not plan to come here on one of our scholarships next year, and do some work for North American Flora? Dr. Andrews is here this summer working on Pottiaceae.

Sincerely yours,

Elizabeth G. Britton

468 Hope Street,
Providence, R.I.
15 Oct. 1911

My dear Mrs. Britton:-

I have been out of town most of the time since June, and for this reason, probably, your letter of the 25th of July failed to reach me until I returned to Providence a few days ago.

You probably know before this that I have resigned my position in Brown University in order to accept a position in the Bureau of Plant Industry in Washington. My permanent address will be, as heretofore, the Providence address given at the top of this sheet, although in the summertime I expect to be in the field most of the time. For this reason the chances of my being able to arrange to take one of the scholarships that you mention are not very favorable, though by no means out of the question, so far as I can see now.

I am still following up the Polytricha as my avocation, and I am hoping that I shall have more time for the work when I am in Providence than I have had for several years past; it could not very well be less.

Hoping you have had a pleasant and profitable summer,
I remain very truly,

I was in New York some little time ago. As my time was rather limited and I was told that you were in Europe, I did not attempt to get up to the garden.

New York Botanical Garden,
Bronx Park,
New York City.

Nov. 14, 1911.

Prof. J. Franklin Collins,
468 Hope Street,
Providence, R. I.

Dear Mr. Collins:-

No. 4 of the Josselyn Bot. Soc. with your Key to Polytrichum is received. Many thanks! I have still in mind to send you some duplicates of all of ours but we keep pretty busy and just now Lillian is type-writing for N. A. Flora, but I do intend to send them to you and there are several interesting problems among the West Indian ones which I am sure you will enjoy.

Sincerely yours,

E. G. Britton

New York Botanical Garden,
Bronx Park,
New York City.

Jan. 10, 1912.

Prof. J. Franklin Collins,
468 Hope Street,
Providence, R. I.

Dear Mr. Collins:-

We are getting ready to print the first part of Volume 15 of N. A. Flora and I am asking favors of those who are likely to have specimens from other places than we have. Can you give me any extensions of ranges of the same species that I asked Prof. Chamberlain about. I enclose his letter and two duplicates of New England stations for ²rare species! The Polytrichaceae do not come in till the end of Part 4 of Vol. 15 so there is no hurry, but if at any time you wish to come here on one of our "Research Scholarships" for a month, please let me know and it can be arranged.

With best wishes for the New Year,

Sincerely yours,

Elizabeth G. Britton

468 Hope Street,
Providence, R.I.

23 Jan. 1912

My dear Mrs. Britton:-

Your letter of the 10th, addressed to Providence, was forwarded to me in Washington where I have been since the middle of December, until within 48 hours. I have just had opportunity to look up the records that I have of the species mentioned in the letter to Mr. Chamberlain (which I return herewith). I fear that I can add little, if anything, of interest to what has already been indicated, but as I am uncertain in several cases I indicate below what may be of interest, although I think you must already know of all of them.

Archidium ohioense. Quebec, in Macoun Cat. 6:12.
Minn. in Bryol. 6:37
Minn. Holz. Mus. Ac. Bor. Am. No. 2.
Trematodon ambiguum. Ontario and B. C. in Macoun Cat. 6:19
Alaska. Observer 7:645
Ottawa. Ott. Nat. 20:177
Trematodon longicollis. Southern states, in Trans. Am. Phil.
Soc. 13:108
Fla. Holz. No. 79

Thank you very much for the two specimens from Mass. I am very glad to have them. >

I was in New York for about two hours on Sunday last. Was sorry that I did not have time to get up to the Garden. Perhaps I can do better next time.

Very truly yours,

Trematodon longicollis
Trematodon pulchellus

Natural History Museum.

I thank you very much
for specimen sent. Will ex-
amine it soon. Our small moss
class met to-day. We enjoy it.
I think we have surely 100 dif-
ferent mosses about our city.

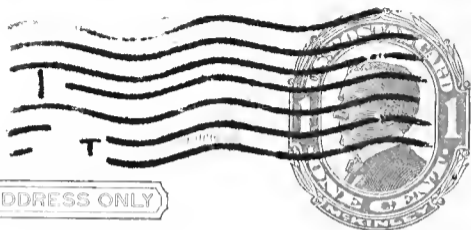
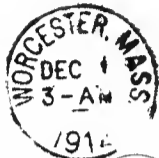
Respectfully yours

12 State St

Ella S. Horn

Worcester, Mass.

Dec. 10, 1912



THIS SIDE OF CARD IS FOR ADDRESS ONLY

Mrs. Elizabeth Britton
Botanical Gardens
Bronx Park
N. Y. City

December 14, 1912.

Miss Ella L. Horr,

12 State Street,

Worcester, Mass.

My dear Miss Horr:-

Am glad to hear of your moss-class and that you are at work on the "local flora." If you will pardon my giving you unsought advice "Do keep a record and specimens of all local mosses !" send duplicates either to the New England Botanical Club or to J. F. Collins, 468 Hope Street, Providence, Rhode Island, who has a card catalogue of all New England mosses. You may and probably will, add some extensions of ranges, variations or rare species to his list !

Sincerely yours,

From J. F. Collins DC.

I hope you approve of this! Perhaps they already have done so? At any rate - they might not do it just as soon as they convenient in London did! Believe me - Elizabeth B. Britton

J. FRANKLIN COLLINS
468 HOPE ST., PROVIDENCE, R. I.

30 Dec. '08

Mr. W.W. Calkins,
Berwyn, Ill.

Dear Sir:-

I inclose postage for the mosses which you so kindly offer in the current Bryologist. If you still have any of your offerings of September I should be glad to get those also. Thank you for whatever you are able to send me.

Very truly yours,

W. W. CALKINS

ATTORNEY AT LAW

COLLECTIONS A SPECIALTY

My dear Mr Collins

BERWYN, COOK CO., ILL. 11³ 1907

Yrs recd - I send box of your desid -
except Polytichum commune of which I
saved but few. at the proper season - June
so common I did not think - would be in
demand - but I put one more valuable -
also - the *Desmoberium*. I offered last Sept
only *Sph compactum* - "and other mosses"

Below is list of what I can spare you
in exchange - if you have any to exchange
I shall be pleased to trade. I have
also - 352 species of lichens and 500 species
of Phanerogams - coll'd hereabouts -

There is a "coll." of mine (lichens) in
Br. Mid.) on was. Many of phanerogams
I can exchange. The mosses are det'd by
Chamberlain =

Very truly yrs
W. W. Calkins

collected east Chicago, Ill., by W. C. Callaway
list received Jan. 1909.

For exchange:-

In the J.F.C. ~~from~~ with N.E.

- *Leskeella* *sp.* Md.
- *Amblycladum* *modii* N.Y.
- *Ditrichum* *sp.* Ga., Mo., D.C., West. Va., Pa.
- *Ceratodon* *sp.* Wash., Mo., S.C., Minn.
- *Leibinia* *viridula* S.C., Minn., Tex., N.Y.
- *Hypocladium* *trilobatum* Can., Fla., Ill., D.C., Pa., Minn.
- *Euraria* *pyramidalis* Pa., Minn., N.Y., D.C.
- *Toluidium* *sp.* Minn., Mont., Alaska
- *Cladonia* *compacta*
- *Leptocladum* *glaucescens* var. *albifur* S.C., Fla., N.C., Ga., —
- *Chlorocladia* *fontana* D.C., Pa., N.S., Pa., N.Y., Mont., N.C., Minn.
- *Toluidium* *sp.* N.Y., Wis., Can.
- *Mulicodermis* *sp.* A.Mts., Minn., Ga.
- *Blasium* *delicatulum* Fla., Pa., Md., Minn.

Specimens sent (5) J.F.C.
(Jan. 09. with this name
was a *delicatulum*.)

Mosses collected about Chicago, Ill., by W.W. Calkins
List received Jan. 1909.

For exchange:-

Leskea polycarpa,
Amblystegium Rochii
Ditrichum pallidum
Gerobryum purpureum
Meisia viridula
Phascocarpus turbinatum
Funaria hygrometrica
Pohlia nutans
Platydictyon compactum
Leucobryum glaucum var. *albicaudum*
Philonotis fontana
Polypodium Ohioense
Aulacomnium palustre
Thuidium delicatulum

9 Jan. '09

W. S. Colkins, Esq.
Peru, Ill.

Dear Sir:-

Thank you for the mosses which came a few days ago. I find two of them wrongly named, e.g. "*Myuro caespiticium*" should be *Scoropodium purpureum*, and the "*Leucobryum*" should be a *Ticranum*. Thank you also for the privilege of looking over your duplicate list. I find that I have all the mosses listed, so it would hardly be worth while to attempt an exchange.

Very truly yours,

W. W. CALKINS

ATTORNEY AT LAW AND JUSTICE OF THE PEACE

COLLECTIONS A SPECIALTY

BERWYN, COOK CO., ILL.,

Jan. 7th 1910

My dear Sir:

I send you the best I have at present -
was a little too late on some to get fruited
specimens - Chamberlain pressed on those sent.
I have been busy since Spring so could not
do my business much - have collected but
little last year - I have about 20-25 sp.
for exchange - list if desired -

Very truly
Yours
W. W. Calkins

Charleville (Ardennes)

4/11. 1905.

Cher Monsieur

Le me fait un plaisir de
vous offrir un exemplaire de
ma Révision des types d'Hedwig
et de Schwaesrichen, que je vous
expédie par le même courrier
que cette carte.

Votre Bien dévoué

J. Gardot.

RÉPUBLIQUE FRANÇAISE

CARTE POSTALE

Ce côté est exclusivement réservé à l'adresse.



Mr. J. Franklin Collins,

~~Street~~ Hope Street, 468,

Providence, R.I.

American Union

(Etc. U.S.)

* Expédié par
N^o
Dont à
Rite
L'inscription du nom et de l'adresse de l'expéditeur
est facultative.

Charleville, 12/2. 1907-



Cher Monsieur.

Vous pouvez m'envoyer
vos Fontinalis, que j'exami-
nerais avec plaisir et dont
je vous remercie à l'avance.

Votre très dévoué



J. Bardot

No

* Expédié par

M

Demie à

Rue

* L'inscription du nom et de l'adresse de l'expéditeur est facultative.

RÉPUBLIQUE FRANÇAISE

CARTE POSTALE

Ce côté est exclusivement réservé à l'usage



Mr. J. Franklin Collins

468, Hope St.

Providence, R.I.

Amérique du Nord.

Etats Unis

Charleville (Ardennes) 12/4 1907. - Cher Monsieur. Je viens d'exa-
miner vos Fontinalis, dont voici les déterminations:

1849, 2546, 3788, 3847. F. antipyretica var. gigantea Sulliv.

2429. F. Novae Angliae Sulliv., forme robuste.

885. F. involuta Ravenel Card. Cette rare espèce n'est connue jusqu'ici que de la
Louisiane, la Floride et le New Jersey.

833, 1840, 2368, 3163, 4310, 11152. F. dalecarlica Rb.

2545. Plante très embarrassante. Les feuilles caulinaires sont presque toutes
détruites ou lacérées. C'est peut-être une déformation du F. dalecarlica.
Les filles périclithiales sont apiculées et se lacèrent fortement en vieillissant
comme dans cette espèce. Pour arriver à une détermination certaine, il
faudrait de nouveau avoir échantillons en meilleur état.

15435. A mon avis, cette plante est une forme de l'Hypon Dieckii R. & C.
à feuilles moins vivement circonvolutes que d'habitude, mais comparant
bien avec celles du type pour la forme, les oreillettes et le tissu.

Croyez-moi, je vous prie, cher Monsieur,
votre dévoué

J. Bar dot

* Expédié par
M. J. Cardot
Demi à Charleville (Ardennes)
Square du Petit Paris N° 1
L'inscription du nom et de l'adresse de l'expéditeur
est facultative.

RÉPUBLIQUE FRANÇAISE

CARTE POSTALE

Ce côté est exclusivement réservé à l'adresse



Mr. J. Franklin Collins,

468, Hope St.

Providence, R.I.

616

Amérique du Nord

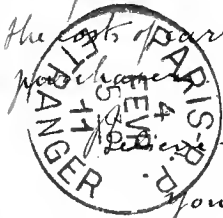
(Etats Unis)

Charleville, Feb. 3 1911.

Dear Sir.

The ~~Rougé's~~ herbarium of N. America
has just been purchased by Dr.
Faxon for the Harvard University.

But the Herbarium of European Mosses
of the late prof. L. Pizé is still to be
sold. It is a very valuable collection,
containing about 800 species and 5500
specimens, from which many nos of
Rabenhorst's *Bryotheca europaea*, Dumort's
Therigalliae, Milde's *Bryologia slesimica*,
and H. Müller's *Westfalens Laubmoose*.
The price asked for is 150 dollars,
the costs of carriage to the charge of the



me, dear Sir,

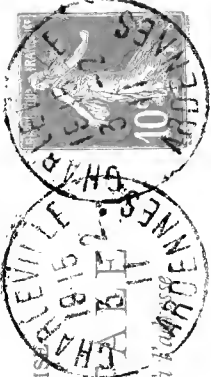
Yours very truly

J. Cardot

RÉPUBLIQUE FRANÇAISE

CARTE POSTALE

Ce côté est exclusivement réservé à l'adresse



Mr. J. Franklin Collins

408 Hope St.

Providence, R.I.

(Etats Unis)

* Expédié par
M^r. J. Carobol
Agence des S^{ts} Mess^{rs} (câblé)
N^o 1
Dont le nom et de l'adresse de l'expéditeur
est l'écriture.
0003

of it tuffet here and there
along upon stones in or near
the bed of a tiny run which
goes dry in midsummer.

Several rods away from this
it is seen in small quantities
on what looks like quartz
dirt. Then nearer home we
have a little of it - else on the
borders of various swamps.

The oddest position of any I know
is where a patch overhangs the
border of a roadside gravel pit.

Pardon me if you do not
share my interest in where
a plant grows. Yours truly C. W. Can

Dudbury Jan 6 - 1910

My dear Mr Collins

I am sorry to
say that all my specimens of
Ohio haircap are outside under
an unknown depth of snow.

There were more calls for it
than I expected then came a
request which took all I had
left for "foreign" markets.

I wonder if you were
overting it for immediate
use. Otherwise I should

hope to be able to send you
some the coming summer.

If you are interested in the
haircaps you may care to
know what my last work
on them was.

Mrs Horn of the Worcester
Natural History Museum was
preparing to give some "moss
talks" there, so applied to me
for specimens of the haircaps.

As so close upon winter as
it was then, I was able to
obtain good looking
specimens in quantity ^{of} <sub>send to her
by express</sub>

Polytrichum commune
" *juniperinum*
" *piliferum*
" *strictum*

The last exceptionally good.
As no good *P. Chinese*
grew in the same direction
as any of the others I will
not boast of the quality
though enough was obtained
to represent it.
About a mile and a half
away, where I obtained
enough (as I thought) for
"offering" there is a fine growth

Jan. 8, 1910

Miss C. M. Carr,
P. O. No. 3,
South Framingham, Mass.

My dear Miss Carr:-

Your letter of the 3rd reached me today.

I am in no special hurry for the *Polytrichum* specimens; whenever you can get at them in the spring. I am very much interested in the Hair-caps, and have been studying them for some years. I guess it will require some more years of study before I can really know much about them. I would be very glad to get hold of any and all forms of *Polytrichums*, *Loganatus*, and *Catharinaeas* in your region, as I am working on ~~ax~~ the order *Polytrichaceae* for the North American Flora which is being issued by the New York Botanical Garden. I am sending you a few pamphlets along this line which may be of interest to you.

Very truly yours,

Sudbury Jan 13 - 1910

My dear Mr Collins,

Thank you for the pamphlets which arrived yesterday. I might have known from my own observation that *P. commune* was quite variable but I was not aware that Bryologists were willing to acknowledge so many varieties. No wonder you are wanting "more years," and I might add, more places, for Hair-cap study.

I very much hope that I shall be able to collect specimens for you, yet dare make no promises.

I am an old woman with much to do at the time of year best suited for such collection, so

it is quite possible I may not be equal to giving enough time and strength for the purpose to be of any real service.

Looking over your list I was particularly interested to observe that *Catherinaea crispata* was credited to no N. E. state except our own. Then later I found that Maine and Connecticut had each at least one claim apiece to it. Several years ago an old ditch on our farm was cleared out and somewhat deepened.

The first noticeable growth of any amount to cover the bare sides was a moss which proved to be *Catherinaea crispata*.

Not in mere patches but living long spaces. Mrs. M. S. Stevens has visited this part of Sudbury ^{several} times to go with me for mosses

and lichens. It must have been the next to her last visit that she was able to obtain good fruited specimens at this ditch though even then the grass had begun to choke the moss.

Probably it was the same year or the next that the little patches still left fruited so freely that several members of the S. Moss Chapter had fine specimens.

It was desired as an "offering" but there was not enough.

Last year was too dry for a moss which fruits so late and not a good looking specimen of fruit could I find. Since it has become so hidden by the grass that it often hangs over some of the best of it like a veil I have wondered much if *Catherinaea eripa* was not

much more common than
has been supposed. Hidden as
cues is now, one would hardly
discover it with no previous
knowledge of its existence.

If you are already well posted
on "the tricks and the manners"
of this particular moss, the
gambling account given above
will be of little interest.

But the very little I know ^{about}
mosses, chiefly consists in where
and how a few of them are
found.

I know only a few mosses,
most of them "at sight."

I did not wish you to suppose
that I was a real "bryologist."
Merely an ^{occasional} assistant to any
better in that line.

Please excuse the length of this.
An answer is not necessary as
yours truly C. M. Carr.

you are very correct
I suppose

P.O. address Miss E. M. Carr
South Frammingham
R. I. D. #3 Mass

Prof J. Franklin Collins
Dear Sir;

Like all our
other plants the juniper and
awned hair-caps are developing
early. I had an opportunity
to obtain some of the most
forward Saturday (23rd) and
although I am not certain
that you care to even look
at either I am sending them.
The little bunch of juniper
was sprinkled in among
a much larger quantity
of Pennunc. With it is a
little of the latter which shows
just how much it is behind
the juniper.

These were all collected in
open spaces among shrub oaks.
Some patches of *P. communis*
of the kind which spreads
In old pastures are the most
forward I have yet seen.

I still hope to be able to
send you some haircaps if
you have not already
obtained all you want.

Do you wish for the common
haircap as it grows in
various conditions? Some
like the two mentioned above
and some from ~~several~~
and their borders etc.?

Do you also wish for the
other haircaps?

Instead of pressing them would
they be as acceptable fresh?

I could express a quantity in
early June. Yours truly C. V. Carr.

April 30, 1910

My dear Miss Carr:-

Thank you for the "haircaps" which came in due season. I would be glad to get specimens of the common species if you have a good opportunity to collect them when they are in good condition.

Fresh specimens will be satisfactory if that is the most convenient way for you to send them, but after the first of June you had better let them dry before you send them, as I expect to be away most of the time from early June to the middle of September, and things sent during that time might remain in the wrappers until I reach home again. First class mail matter will, however, be forwarded.

Very truly yours,

The basket of moss is to be
sent by prepaid express in a day
or two

Budburg May 25-1910

My dear Mr Collins

Thank you for
permitting me to send your
"haircaps" fresh. We live in
a small house and my
"messes" are apt to be in
the way. Besides I did not
know how to spare time for
both pressing and collecting.

I began to label, then was
not sure of the legibility.
The labeled "Wet meadow" comes
from our own farm; though now
somewhat shaded on the south,
it did not use to be and
probably the haircaps grew there
when it was strictly an
open meadow.

We live a mile north of the Waeside Inn. About half way there, portions of old pastures on each side of the road are being overrun with common haircap. Each patch with a bright green border showing how it is gaining ground. On the higher ground the soil is so poor that bare sand often shows.

The lowest ground if not much better is at least less dry.

On this are little mounds of haircap looking as if elevated on the dead plants of many years.

The parcels tied in brown paper came from these pastures.

The ranker growth from the little mounds, the shortest from the highest ground.

There in white grew on a poor ground among shrub oaks

and young white oaks. I had some from these fairly well fruited but must have misplaced it. I feel pretty sure that the packet wrapped in three colors is it, as it has a trace of lichens among it. A mile or so east of us is a small swamp containing a little of the same *P. stricta* near here.

I enclosed one handful. The swamp is boggy but not wholly a sphagnum swamp, as other mosses occupy the larger spaces.

I could find but little of the common horical, growing as low down as some of the *strictum* and thinking none of it was fruited gathered

some of the unfruited. Now as you will see I found some well fruited low enough to be mixed with sphagnum. These like the strata are packed in blue-green paper. On the banks of this swamp grows that - in pink paper. I supposed that sent to you by Mrs. Hur of Worcester came from this border moss. Presume it will prove to be the same as that in the swamp itself.

It is also very possible that all coming from sterile uplands will prove alike.

I should suppose you are receiving two varieties.

If later on you can give me some information please do so. Yours truly C. H. Carr.

May 27, 1910

Miss C. M. Carr.
R. D. 3,
South Framingham, Mass

My dear Miss Carr:-

Thank you very much for the mosses which came safely yesterday. I have already got them in press and I feel sure that some of them will prove interesting when I get a chance in the fall (I hope) to examine them carefully.

I greatly appreciate your kindness in sending them.

Very truly yours,

P.O. address Miss C. M. Carr
50 Hemmingham
Mass
R. F. D. No 3

Sudbury Nov 17-1911
Professor J. D. Collins
Dear Sir

Thank you
for sending me a copy of the
Bulletin of the American
Botanical Society.

Will you please tell me if all the
Polypodium commune sent from
here proved to be the variety
perigrinale.

Yours truly
C. M. Carr.

468 Hope Street,
Providence, R.I.

20 Nov. 1911

Miss C. M. Carr,
So. Framingham, Mass.

My dear Miss Carr:-

I have not yet had a chance to go over you mosses that You sent me in May 1910 critically, so I cannot say with certainty as to just what I should call the several forms that you sent me of the Polytrichum commune group ~~are~~. I am quite sure, however, that none of them is typical P. commune. I am also quite sure that nearly *all* of the commune forms that you sent are the var. perigoniale. As I recall the specimens there are two tall ones (perhaps three) that look, off hand, as if they might be something a little different. I had hoped to have time to study them before this. Will report later.

Mr Collins, Dear Sir;-

It gives me pleasure to send the Weissia, and since you do not care for the lichen, I enclose bits of the rock-growing species, which, though probably familiar to you, you may like to have from a new locality. A mistake in regard to the collecting in Laconia, as our little "City on the Lakes" does not furnish as fine collecting ground as does the neighboring town of Gilford with its hills and mountains, trusting that the spec's will please.

I am - Very Respectfully -
Laura A. Carter.



Feb 27th 1905,

Mr. J. H. Collins, Dear Sir;—

It gives me pleasure to send you my mosses, but I regret that the species are not of the very best, as I have had so many applications for my "offering," my supply of fructed species is nearly exhausted. I will enclose a few bits of M. dilatatum which grew upon the rocks also, in the same wonderful brook, but I had not enough for a general offering. I think you may be interested in the extension of range of this moss.

Very Respectfully—
Lama A. Carter,

✓
L.H.

Prof J. S. Collins, Dear Sir:-

Please accept my hearty thanks for the beautiful specimen of Paludella squarrosa which you so kindly sent me. I shall prize it highly always. I enclose a little of two Polytrichum and perhaps I may be able to collect more if the snow melts away. They are very abundant out in the country about here.

Very Respectfully-
Lance A. Carter,
37 Church St.
Laconia, N.H. Nov 19th 1906.