

Dr. K. K. Dixon,  
23 East Park Parade  
Northampton,  
England.



Vermont Poall H.  
adrianae (sic).

no. I collected by Dr.  
Kennedy also in Vermont  
I cannot name. It does  
not appear to be H. taxifolia  
nor H. adrianae,  
and I can hardly make  
it fit H.

Cambridge  
April 25<sup>th</sup>  
1900.

My dear Sir,

I am much  
obliged for your  
notes on my Bermuda  
mosses. The specimen  
of Pattia barbula  
(of many synonyms)  
certainly agrees with  
a Cuban specimen  
named by C. Mueller.  
I ought to have  
recognized it before  
since it is enumerated  
by Mitten in Helmsley's  
monograph of the

Plants of Bermuda collected  
on the Challenger Expedition.

The doubtful sterile  
*Trichostema* sort  
of thing did not seem  
to correspond to any  
species given by Mitten  
as far as I was able  
to tell but I may be  
mistaken.

Since you did not  
refer to the *Taxifolium*  
*taxifolium* sent from  
Bermuda I infer that  
you agreed with me.  
I am, however, always  
in doubt about the

species of that genus  
and have collected  
but few of them and  
generally sterile. I enclose  
five specimens about  
which I should be  
glad to have your  
opinion.

no V, which is not  
uncommon about  
Boston in clay soils  
on the borders of lawns  
I have always called  
*T. taxifolium* although  
I have never seen it  
in fruit.  
no. IV from the moun-  
tainous regions of

Dixon

1. *Leucoclon sciurus* L.
2. *Amblycladus subtile*
3. " " " Hebern  
1889
4. *Cylindrotheca*  
*brevis*
5. *H. chrysophylla*  
5\* *H. chrysophylla* near *sciurus*
6. *Hymen* with 5  
*dolycyamus*
7. *Fissidens* ~~*subtile*~~  
*asymmetrical*
8. " *decipiens* (on the  
ground)
9. " *asymmetrical*  
Thore of *Cheronea*
10. *Racomitrium* (*sudeticum*)  
in sheets on *Cheronea*
- 10\* small form Summit *Cheronea*
11. *Racomitrium* fruit. *Kizelau*
12. " *sudeticum* *Fau*  
*ux. Nosen*

13. *Racomitrium heterostictum*  
var. *R. Mt. Washington*

14. *Hypnum mucronatum*  
Summit, Chocoma

15. ~~*Grimmia apocarpa*~~  
~~*rupestris*~~  
*Hypnum ochraceum*

Mosses from Chocoma sent  
to Dixon Nov. 1904.

1. *Leucodon scirvichii*
2. *amblystegium subtile*, Chocoma
3. " " *Sheilberrae*
4. " *confertoides*.
5. *Campylopus chrysophyllum*
- 6\* " "
7. " *polygamum*
8. *Fissidens osmundoides* Rivin
9. " " *shore of Lake*
10. " *deceperis*
10. *Psocidium subtile*? in  
brown sheets, Summit, Chocoma
- 10\* " " *but green*
11. " *in fruit (small)* *Bizeloni* & *Tan*
12. *P. subtile*, Mt. Washington
13. *P. heterostichum* var. *r.* " "
14. *H. uncinatum*, Summit, Chocoma
15. *Limnobia ochracea*? Chocoma
16. *Grimmia opocarpa var. uncinata* " Mill.
17. ? with *ambly. Leocarpus*

Harvard University

HERBARIUM AND LABORATORIES  
OF  
CRYPTOGAMIC BOTANY

W. G. Farlow, 24 Quincy Street  
R. Thaxter, 7 Scott Street



*Cambridge, Mass., U.S.A.*

190 .



Mosses sent to

Dixon April 28, 1902,

1. *Barbula unguiculata* }  
West Cambridge  
March, 1902

2. *Ditrichum (Frickia -  
toman) tartar*  
ditto.

3. *Hypnum*  
Naldamann

Sent to H. N. Dixon

Jan. 25, 1902.

*Grimmia* on *G. tenella*  
Lead Mine Bridge.

*Thelia Texensis* "Osterville

*Hypnum stramineum*

Shelburne

*Hypnum fruitans*. Shelburne

*Hypnum cordifolium* "

*Hypnum aduncum*

Prospect Hill

List of mosses sent  
to Dixon. Oct. 1902,

1. *Fissidens osmundoides*  
pool near Chapel Pond  
Adirondacks.
2. *Fissidens adiantoides*  
Adirondacks
3. *Hypnum stellatum*  
vel off. pool near  
Chapel Pond. Adirondacks
4. *Brachythecium ~~virgatum~~ <sup>repens</sup>*  
Rainbow Falls, Adirondacks
5. *Hypnum egypticum*  
Brooks, foot of Non  
mount Mt. Adirondacks
6. *Hypnum resiniforme*  
with 5
7. *Heterocladium*  
squarrosa *Coscin Adirond*
8. *Fissidens incurvus*  
Wisconsin

9. *Leskea nervosa*?  
on beech Keene Valley
10. *Leskea polycarpa*
11. *Pacomitrium*  
*quadratum*
12. *Rhynchostichum deplanatum*  
Bedford
13. *Weyrauchia strobilifera*
14. *Thuidium sectum*  
~~abundant~~
15. *Grimmia* near  
Pennsylvania  
Woonsocket

Lent to Dixon, Aug  
18, 1902

1. *Hypnum chrysos-*  
*phyllum* or *stellatum*  
Carr. P. 1902
  2. *H. Schreberi*, depressed  
form. Carr. P. 1902
  3. *Thuidium scitum*  
W. E. Karst, Aug 18 02
  4. *Hypnum cordifolium*  
Carr. P. 1902
  5. *H. stramineum*, ditto  
or *Prothecium Myos-*  
*oides*. Gravel Menan.
  7. ditto. W. E. Karst
  8. *H. fluitans* or  
*aduncum*. Carr. P. 1902.
- also *Sploclerum ampul-*  
*laceum*, *Trematodon*  
*amblycum*, *Dicranum*  
*spurium*, *Ulotia Phylantho*  
& *Thuidium alietinum*.

Dixon, March

24, 1899

A. *Luzula robusta* ochracea  
Ravine of Cascades

Sept 6, 97

B. *Luzula*, ochracea

Tuckermans Ravine July 86

C. *H. fluitans* Mt. Monadnock

D. *H. fluitans*, submerita  
Shelburne June 94

E. *Hypnum* *keeleri*

at alpinum alpinum Garden

*H. stramineum*

at *H. sarmentosum*

*Desmatoclastrum latifolium*

answered letter Dec. 26. 1899  
Mosses sent to Dix Nov. 1899.

- 1 *Limonium ochraceum*?  
Bed of dry brook, Carey's  
Melburne, Oct. 1899
- 2 *Limonium palustre*?  
Prostrate on log near brook  
Melburne, Oct. 1899
- 3 *Hypnum* on base of sandy  
trunk, Lily Pond, Melburne  
Oct. 99. Near *H. demissum*?  
or near *H. Haldanianum*?
- 4 *Pterogynodon fibrosum*?  
on rocks. Melburne Basins  
Oct. 99.
5. *Amblystegium viridulum*  
Brook. Cahoon, Melburne  
Oct. 1899.
6. *Limonium detritum*  
Melburne
7. *Plagiathecium denticulatum*  
" " Melburne
8. *Plagiathecium* on Rhyn-  
stegium near serratum
- 9 & 10 *Eurhynchium*  
*stygium* var. off. →

also with ant number  
amblystegium <sup>var. summi</sup> on bark  
Minard swamp, Helburn  
Lunobolus dilatata

Hypnum macrotum, Helburn  
Bosius

Hypnum Haldanianum Cos.

Leucoclelea brachyura <sup>Bowls & Pitches</sup>

! Leucoclelea erythrogastra <sup>Bowls</sup>  
& Pitches

! Lim. ochraceum <sup>Bowls & Pitches</sup>

Rhizoglossum susceiforme  
<sup>Broom Cabots</sup>

Brocletocium plumosum  
<sup>Broom Cabots</sup>

Hyp. chrysophyllum on rocks  
<sup>near Bowls & Pitches</sup>

Plagioteleium striatellum <sup>& Bosius,</sup>  
<sup>rocks near Bowls & Pitches</sup>

Amblystegium texense

Rhizoglossum zawersii



than those previously  
sent. If you have  
the time to glance at  
the numbered speci-  
mens, I should be  
glad to know your  
opinion in regard  
to them.

1. Leucodon scirvodes.

I presume that this  
must be that species  
which is less com-  
mon with us than  
L. julaceus and L.  
brachyhus. It certainly  
is not L. julaceus and  
does not seem to me  
to be L. brachyhus but  
rather L. scirvodes.

Cambridge

Oct. 21.

1904.

My dear Sir,

I have not yet  
written to thank you  
for the specimens  
which you were so  
good as to send  
me at the beginning  
of the summer as  
I was on the point  
of leaving for the  
mountains and  
I hoped to have  
something to send  
you on my return.  
I spent the summer

at Lake Chocoma  
in the White Mts. of  
New Hampshire. The  
lake is on the southern  
boundary of the moun-  
tains and the peaks  
which surround it  
are low, about  
4000 ft. high. I  
went one day to the  
summit of Mt.  
Washington, 6200 ft.  
in company with  
Prof. Bowler who  
visited us in early  
September but was  
not there long enough  
to accomplish any-  
thing. The season

was very dry and,  
although I found  
a good many other  
cryptogams, the  
masses were not  
of much interest.  
However, I should  
say that I had not  
much time to devote  
to masses. I send  
with this a package  
of some species collected.  
A few I believe I  
have not sent  
before but, of those  
sent before, some  
are sent because  
they are better specimens

forming large cushions  
of tawny yellow on  
bare rocks, 3000 ft alt,  
and above. I have  
called it R. sueticum  
but it may be R.  
petrastrichum. The  
terminal hairs are  
not well developed  
but they are present,  
10\* with the last,

11. This is not from  
Mt. Choconua but  
from Mt. Washington.  
It is not the R. micro-  
carpum of American  
botanists but whether  
one of the species of  
your manual does

2 & 3. Amblystegium  
subtile.

4. Amblystegium. Should  
you call this a.  
confervoides? It is  
not in good condition  
but, although a.  
subtile is common,  
I have seldom found  
characteristic a. con-  
feroides.

5. Again the puzzling  
Campylidium. Nos. 5 & 6  
grew together lying  
flat on the gravelly  
beach of a small  
Lake in which the  
water was low. No. 5  
has a good midrib

and, if this is not  
the genuine Hichryso-  
phyllum, I do not  
believe that I shall  
ever find it. —

6. Without being certain,  
I should think that  
this was H. polygamum,  
at least as understood  
by some writers. Its  
habit is that of Hart-  
mann. 448.

7. Fraxidens adiantoides,  
osmundoides,

8. Apparently the same.

9. The common species  
in woods which seems  
to me to be H. decipiens.  
The common species

5\* H. chrysophyllum,  
also from Chocoma  
but not in the same  
place as 5.

here in lawns and  
cultivated places  
H. taxifolius,

I send a set of all  
the Racomitria collected  
this summer. Some,  
as R. lanuginosum,  
R. fasciculare, R.  
canescens, do not  
seem to be doubtful  
but the same cannot  
be said of those in  
the group of R. sudet-  
icum.

10. Was very common

be finer than any you  
have. It perfectly  
carpeted the River in  
places and was much  
finer than I had ever  
found it before.

not seem to me certain,  
I have never collected  
this small fruiting  
form before.

12. Can this be R.  
sueleticum.

13. Possibly R. hetero-  
stichum var. R.

14. This Hymenium from  
the summit of Mt.  
Chocoma must, I  
suppose, be a form  
of H. mucronatum but,  
if so, far from the type,  
at any rate, I know  
no other species to  
which I can refer it.  
I enclose also three  
of the more common

and characteristic  
forms of H. mucronatum  
from Chocoma although  
I believe that I have  
previously sent  
you the same forms  
from other part of  
the mountains.

15. This Limonium  
which, <sup>found</sup> very beautiful  
tufts covering a log  
fallen over the river,  
but not submerged,  
seems to me to be  
L. ochroceum although  
I must admit that  
it does not agree  
in all respects with  
descriptions of that  
species.

16. Must be a form  
of Gnaphalium apocynifolium  
I suppose but there  
are no hairs whatever  
and the apex of leaves  
is far from the type.  
But the species is  
so variable that I  
presume that this  
form can be included  
in it.

17. I am quite unable  
to name this. It grew  
on stones in a brook  
of which the margins  
were more or less  
dry in company with  
Amblyop. Lescurii. I  
send a specimen of  
this beautiful species  
which must certainly

Mosses sent to Dixon  
Jan. 1903. Nr 13 These  
numbers are given as  
Dec. 1902. in Herbarium.

1. *Fissidens asmundoides*, Adirondacks
2. " *adiantumoides*, "
3. *Campylum* near *H. stellatum*  
Chapel Pond, Adirondacks
4. *Brachythecium oxycladum*  
Adirondacks
5. *Nyrium ~~egyptium~~ scopulosum*
6. " *ruscifolium*, Adirondacks
7. *Tetradium squarrosum*  
Adirondacks
8. *Fissidens viridulus* near *obtusifolius*  
*W. incurvus*
9. *Leskea nervosa*? Adirondacks
10. " *polycarpa* "
11. *Phacomitrium sudeticum*  
Adirondacks
12. *Rhynchostegium ~~septentrionale~~*  
*Bedford, Mass.*
13. *Eurocladum strobilatum*,  
Adirondacks
14. *Thuidium scitum* Adirondacks
15. *Grimmia* ? *Worcester Nr.*  
*funalis?*

Mosses sent to Nixon  
Dec. 1902

- 16. *Dicranum moyses*. Grand Menan
- 17. *Plagiothecium Mellerianum*  
Campobello
- 18. *Hypnum curvum*. Mt. Desert.
- 19. *Cynodontium Nahlenbergii*.  
Campobello
- 20. *Amblystegium varium?*  
Thebes
- 21. *Gymnostomum repens*,  
Mt. Desert.
- 22. " *curvistatum*  
Mt. Desert
- 23. *Hypnum rugosum*. Acadouloch
- 24. *Plagiothecium terfaceum*
- 25. *Mnium serratum*.  
Campobello  
Wisconsin
- 26. *Novelia Jamesii* Campobello.
- 27. *Grimmia maritima*. Grand Menan
- 28. " *dominana*. Acadouloch
- 29. ~~*Grimmia proboisiana?*~~ *proboisiana?* Nova Scotia  
Brachyotum prospect Hill.
- 30. *Rhabdomecia fujesii*. Campobello
- 31. *Ulotis Schwaegleri*. Campobello.
- 32. *Ditrichum* (near *flexicaule*)  
Duluth.



Botanical specimens collected in South America  
by A. E. Douglass, Harvard College Observatory.

- no. 9. End of Kelp (?) stem, from Cove south of Stanley, East  
Falkland. May 17, 1893. Was formerly 3 or 4 inches in diameter.
- no. 12. Chiefly flowerless plants from Grappler Bay, May 10, 1893,  
Smyth's Channel, near western entrance to straits of  
Magellan.
- no. 13. Similar specimens from same place.
- no. 14. Seaweeds, &c. from Cove back (south) of Stanley, East  
Falkland. May 17, 1893.
- no. 15. Sponges from same place as no. 14, peat and plants from hill  
back of Stanley. May 17, 1893.
- no. 17. Fresh water Algae - 13900 ft. alt. near Saracocha in  
Titicaca Basin. Oct. 1892.
- no. 24. Lichens probably from meteorological station Charchani,  
16400 to 17000 ft. alt. Dec. 1891.

no. 26. Moss from steam vent near summit of Misti. 19000 ft. alt.  
collected May 1, 1891.

Lent to Darwin. May 29 1918

- 1<sup>a</sup> *Stictis* (?) on *Vaccinium* Madison, N. H. Aug. 1911
- 1<sup>b</sup> " " " " Chocoma " 1917.
2. On *Lycopodium complanatum*
3. *Pezizula* on *Betula alba*, Chocoma. 1917
4. *Dermatella* *Hanamelid*. *Throm* *Sumo* 1917
5. On *Hanamelis*, Chocoma. 1907
6. *Pezizula* on *Rhodora*, Mt Chocoma. Sept. 3 1909
7. *Pezizula* on *Vaccinium alpinum* summit
8. *Ostiope* on *Spirea salicifolia*, Chocoma. 1909
9. *Liliaria* on horse dung, Chocoma. 1917
10. *Dermatea* (?) on *Glechoma nervosa* Chocoma
11. *Mutera* on *Koeleria cristata*. Chocoma
12. " on *Euphorbia angustata*
- 12<sup>x</sup> " on *Cladium* Chocoma
13. Below inv. Washington, Coll. P. H.
14. Below dung on *Sparganium*. Magnolia
15. *Peziza* (with *hile*) in sand by brook  
near Malherbe 1917.

Harvard University

HERBARIUM AND LABORATORIES  
OF  
CRYPTOGAMIC BOTANY

W. G. Farlow, 24 Quincy Street  
R. Thaxter, 7 Scott Street



*Cambridge, Mass., U. S. A.*