

I have an attack of Bronchitis which confines me renders me unfit to sketch it came on Saturday P.M. It is quelling yet I am still milderable in a day or two I will be at the microscope Since I began this letter yours of 1st March has been received

Although I now send the sketch of *Grimmia anceistrodes* I will still sketch the *Grimmia trichophylla* and the two *G. californica* of the S. & W. Mus. exs. and send to you when you can compare

If you will send me *Grimmia atrata* I will sketch it also those I have of American

The variety *curvicauda* is of no importance and can be left out of the monograph

Grimmia trichophylla I understand you do not consider this distinct from *G. montana* as even varieties of *G. montana* I do not know whether you expect me to resketch these In making sketches it takes me a day from 8 to 5 o'clock p.m. to make two drafts some times only one a day - I am getting more expert how ever I will not slight the draught of them if I know it

It occurs to me that you asked if *Grimmia biguttata* is found at Easton it is found there I found it myself and I have it from Raw in fruit

Prof. Wm. James of Harvard is Assistant Prof of Physiology is the son of Henry James of Derby Street Cambridge - He is not my son

From your old friend sincerely
Thos. F. James

Cambridge Mar. 7 1881

My dear Mr. Lesquereux

I have sketched your plants and others which I now send -

I hope you got my letter of Mar 2/81 with sketches *Grimmia sphaerica Hoffmanni* and remarks and have cleared up those sp or have determined the plants discussed -

— *Grimmia Brandegei* as you have settled as *G. plagioptera* so state it in the Manual

— *Grimmia anceistrodes* - I have made a full sketch - I found a young operculate cap - it made an accurate form the calyptra was a loose one yet I think true - the second peristome is an enlarged one of the first a peculiarity is the extension of the columella with apparently very slender filaments on the back are two skelotes under 2nd power

— *Grimmia* Alderney Mann (Cal Watson)¹⁸⁸⁰
This I had sketched from a sp. of Alderney before yours was rec'd - to my eye it seems remarkably like yours - it had several deoperculate capsules, all with the protuberant columella I did not observe the slender filaments around it like in yours probably of no importance - You will observe that the Watson plant is very much smaller than yours - I got but little out of clusters of musci do you think it is *G. anceistrodes*? - I have not yet compared it with *G. californica* I mean your plant I return your plant.

— *Grimmia hamulosa* I have made the best sketch

not having a good capsule - no operculum nor peristome. It is dioecious - the form is seen on the back under 2 1/2 power. I hope the sketch may prove coll. - I keep the packet -

Grimmia leucophaea var. I think it is a variety of that species hardly gradation - I keep a small example. I got a peristome from an operculate capsule - the lower peristome is an enlarged sk of the upper - The piliferous point to the lower is not as lengthy as common the lower leaves have very short piles - the areolation etc etc is G. leucophaea

2209 Grimmia M.H. Brewer leg. I did the best the plants would afford. I found a little capsule which furnished the form of the operculum and also of the peristome - I hope you can make it out. I do not pronounce upon it. I return all of it.

Barbula insulana L. Not original specimen. I draw the capsule without disturbing its position in the leaf under the camera - I cut the tips of two stems which proved male & female which I have sketched on either side of the slip - I submit it to you as you have my sketches of your plant and do not compare to do which I should have to make another sketch. I return the entire plants except the tips of 2 stems.

Grimmia Alderney Marin Co Cal. Watson. I have sketched a singular plant which Watson recently brought from California - I take it to be a Grimmia from the areolation it is of brownish color and a number of the stems have singular prolongations with slender scales and curved in form one a short stem shows the antherogonia where this prolongation originates the small leaves are from around these organs perichatral. The stem leaves have a strong yellow nerve extending thro' but by no means piliferous and have a curved apex - I had sketched it before you last came to hand.

Barbula nitida Lindb. I have not completed a sketch of this.

With regard to Barbula insulana ^{inclinata} I think it had better be omitted altogether in the Manual for these reasons - It has not been found anywhere else in this country and I have an impression that our specimen is not an American.

I keep strictly my American plants in my herbarium in boxes whence no foreign one are allowed - and I keep all foreign plants in separate and distinct boxes - every box is labelled outside with its contents.

Now I believe our specimen from which sketched that I got it out of some foreign parcel to compare with some under investigation and left it among my plants - and finding it there ^{at an office table} with name labelled but no locality - I recollect finding it in my box and inferring to be an American. I wrote on the packet White Mountain fully impressed that it was from that station as it was among my W.H. & E. plants - No harm will come by omitting it.

Last week I received a package of Mosses from Prof. Macoun containing 2 dozen - more than half are Grimmias - two Barbulas - by a casual glance into the packets they seem to be indifferent and will be troublesome work.

And on Saturday night I received a bundle from Beren Waldron 18 inches long 12 inches wide and 5 inches deep which contains his Moss Collection in this late excursion - I have not opened it - I am alarmed at it. His California Mosses doubtless has many novelties - A double hemlock which he gave me a few days since was careful pickings.



James, Thomas Potts. 1881. "James, Thomas P. Mar. 7, 1881 [to C. L. Lesquereux]." *Thomas Potts James letters to Asa Gray*

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