

Chund, Dec. 28th

Columbus Decr 15th 1841

Dear Gray - your of 20th ult. came to hand & 5 or 6 days since in the last boat for this season came the interesting Carolina plants - I did not intend writing to you until I had more carefully looked over them - But having just learned an opportunity of getting out a package from N. York I hasten to inform you of it - If possible I must have this winter Hedwig & Schwaegrichen, which you inform me has been forwarded to you by Schlechtendal who for doing this handsome thing I consider "a scholar & a gentleman"! - Alfred Kelley Esq of this place one of the Fund Commissioners of Ohio who is now in your city trying to raise the wind to pay interest on our state loans, will leave about the 1st of Jan^y next or perhaps a little later - I have by this mail written requesting him to bring out a box that you would give him - Call on him (see his direction below) & learn when he leaves, and whether he can take charge of it (of which I have no doubt) - Put in it any thing you have for me - if you have time have the books bound - don't miss this opportunity, I probably will not have another before the boats run in the spring - mark on the box plainly in one or more places his name & residence for fear of accidents, which however are not to be apprehended - The receipts from you since my last letter are Necker's Methodus Musco, for which, my thanks, - a useful work as shewing the progress of the science - a number of Hooker's Flor. Brit. - 40 copies of my article & a copy of your admirable

Corolla paper or rather thick - it could not be better -
- The botany of that region is handsomely done up -
- But one thing was wanting to make the trip complete
that was - the re-discovery of the *Shorea galicifolia*
- I must look that up - provided it is there - Is there
not a little risk in establishing a genus upon "the only
specimen extant"? mercurially, hybridity or deception
in some way or other might be suspected. -

- *Carex Shorei* & *C. monolepis* are not such
as concomitant in their habitats (p. 14, your list)
- your *Vaccinium Carstallaei* I found (July 1840 in fruit
only) on the Akron Summit near the Lake about
as high ground as we have - It then grows 5 to 6 feet
high - I then took it to be the *V. corymbosum* = *V.*
dismorphum, Mx. which yours much resembles. -

The *Arilla decandra* was one of the rare plants
I was glad to see - In an examination of a few of
the flowers of the "fistula form" I was unable to satisfy myself
that the stamens were in "an abortive or rudimentary
state" - (I saw no traces of petals) - the stamens although
smaller & in a way than in the other form had the
appearance to me of having been perfect. -

Your *Sabbatia paniculata* is certainly different
from specimens I have received as *S. paniculata* (from
which myself what I have as *S. corymbosa* differs
in little except the inflorescence) - Your *S. paniculata*
is distinguished from that in my herbarium by
its square, winged (not to be) stem - linear oblong (not
ovate) leaves - corymbosa (not paniculata) inflorescence -
- calyx segments linear, bluntly acuminate (not lobulate)

- sp. lobate (not lanceolate) petals - & Corolla tube
impenduliform (not urceolate) &c. &c. - The lower
extremities of the lobes of the anthers (which are caducous)
are more produced than in any species examined by me
- perhaps it is the var. *angustifolia* under *S. corymbosa*
in Ellard - but if my specimens are to be relied on I should
doubt whether it belonged to either of the above species -
unless they vary greatly, of which I am not aware - how is it?

- The following is the list I can do for your *muspi* H. when
you get them named elsewhere, let me know how they
correspond. - 1. *Hypnum minutatum* - 2. *Weisia contorta* -
- 3. *Platygonium julaceum* - 4. *Diphygium filiforme* I found this
last summer 40 miles south of Ellard in gorges of *Rhodo. maximum*.
- 5. *Dicranum fulvum*? - (6. *misping*) - 7. perhaps one of the
numerous vars of *H. Capripiforme*, The specimen contains an
abundance of the *Jungmannia juniperina* - 8. *Jungmannia*
Jamarici - 9. *Dicranum scoparium* - 10. *Hyp. Siliaceum*?
- 11. *Hyp. Capripiforme* var. ?? - 12. *Hyp. brevistylis* - 13. *Hyp.*
adnatum - 14. *Arrhenopterum heterostichum* - 15. *Asplenium*
pellucidum - 16. *Trichostomum pallidum* - 17. *Gymnostomum*
curvisetum - 18. *Bryum cradum* - 19. *Jung.* (off. *memorosa*?
19. *Pl. julaceum* (same as no. 3) - 20. *Anomodon reticulatus* -
21. a lichen - ? - ? - 22. *Jung. platyphylla* - 23. *Orthotrichum*
Hutchinsiae - 24. *Orth. crispum* - (25. *misping*) - 26. same as 24. -
- a neat collection several of them are not in Michaux -
But more might have been found - you are on splendid
ground for *muspi*. - I want Hooker's monograph of
British *Jungmanniae* - if you can procure it send
it out in the box. - Among the specimens of

(3) Alfred Kelley can be found by enquiring of J. N. Perkins care of the
 office life & fruit Co.
 camp Fraseriana one of the hotels is marked for Dr Short
 did you intend that I should send it to him? if so I can
 do it soon. — The purchases you are making for me
 must encroach on the \$200 — now my dear sir don't do this
 unless you decidedly prefer it — send on at any time my
 ass't. & I will keep up the funds in your hands without
 regard to that. — I regret that your injunctions last winter

New York
 30. McDougall St.
 (Care of Dr Jorrey)
 Dr Asa Gray
 PAID
 COTTONS
 1000
 0.

A + B = 22. — 0
 2 A = 22 — 0
 A = 22 — 0
 20 = R — 0

about the Silphiums escaped my memory, otherwise
 I should have gone among them (20 miles west) — I am
 however of the same opinion still, that it would be safer to
 keep them (*S. teretifolia* & *S. pinnatifida*) separate, but perhaps
 with a "non-committee proviso" — Tell me how the
 flora proceeds — what botanical news abroad or at
 home — Will Dr. prodromus be continued by the son? remember
 me to Dr Jorrey — Truly your friend — W. S. Sullivan



Sullivant, William S. 1841. "Sullivant, William Dec 15, 1841." *William Starling Sullivant letters* –.

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