

New Haven Nov. 2. 1855.

Prof. Asa Gray,

Dear Sir,

Your kind note of Oct 17, with its contents were duly received; please accept my sincere thanks for them. I have delayed my reply in order to dry a fern I found since I wrote, and also to receive the 5th 6th 7th nos. of a new folio published by Bradbury & Evans. London, entitled; "The Ferns of Great Britain & Ireland, by Thomas Moore, edited by Prof. Lindley, and Nature-printed by Henry Bradbury" The plates are printed in colors life size. I send herewith several ferns, which if you will name for me I shall be exceedingly obliged.

Nos 1. 2. & 3. I suppose are varieties of *Polypodium vulgare* - 1 & 2 from rocks - Venicia - Cal.

3. from Maple trees - Fort Orford. S.W. Oregon.

4. I have another which I do not send - it is

very thick & coriaceous. pinnae obtuse, veins many of them anastomose, grows in Oregon on Fir-trees, 100-250 feet from the ground. I send a little penciled outline of one of my specimens.

I suppose it is the P. Californicum of Kaulfuss, and the P. intermedium of Hooker & Arnott. What do you consider it to be? I have but three specimens, but if you would like one I will send it to you.

5. is my n. sp.? of Pteris Allosorus. Has it been found already?

6. is from the Dalles of Columbia river. I can make nothing out of it.

7. from Brattleboro Vt. C.C. Frost legit. 1855

I can not make this agree with anything. It is too coarse for D. intermedium, & is in outline like D. spinulosa as figured in my new book cited above, but the indusium is that of D. intermedium.

8. From New Haven. Oct. 1855. I suppose I must call this D. Cristata, but it is very different from all my other specimens. It is more like D. Filix mas.

9. Aspidium argutum of Kaulfuss. What is it called at present?

10. From Oregon. I suppose it is a Lycopodium but do not know the species.

Last spring I had the good fortune to see Dr. Torrey; he spoke of some new work in splendid style on the American ferns, but after diligent enquiry I can find out nothing about it. Can you tell me what it is, & how it may be obtained?

I see in the last edition of Flora Borealis (1853). page 401 a notice of a Lycopodium like the one I sent you a year ago.

Very truly yours,

Daniel C. Eaton.

I omitted to speak of the Quader, but that will speak for itself. I gathered it in last August at Brattleboro Vt.

My New Haven specimen is smaller & has obovate frond. on the obtusilobate & somewhat revolute leaf. Please retain the present specimen.



Eaton, Daniel Cady. 1855. "Eaton, Daniel C. Nov. 2, 1855." *Daniel Cady Eaton letters to Asa Gray*

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