

Am. Dec 24,

Columbus Nov. 20<sup>th</sup> 1844

Dear Gray — It has been some 3 or 4 weeks since I received yours my acceptance of Oct 18<sup>th</sup>. — Two out of these weeks were consumed by a trip to Cincinnati —

This must account for the delay in complying with your requests relative to the sketches. —

As to the *Fedias* that was all plain sailing — the thing was definite — but as to the *Hepatic* & the *Moss* group — there was my perplexity — so much to select from — difficulty in deciding what was & what was not the most expressive — especially as I did not know the style scope &c of your illustrations — — Notwithstanding I have made an effort to comply in part with your wishes & have got off today in some mail with this a small parcel containing — 1<sup>st</sup> a paper with sketch of *Fedia Jagopyrum* with a tolerably full analysis, not so much so as it would have been could I have had fresh specimens or good dried specimens in flower — the fruit was good which is the main point. — 2<sup>nd</sup> paper with sketches of fruit of *F. umbilicata*, *F. radiata* var. *leucopa* & *F. patelliformis* (sp. nov.) — The last is the new species if you don't like the name, give it a better one — 3<sup>rd</sup> paper with sketches of *Marchantia polymorpha*, *Riccia notata* & *Madotheca navicularis* (= *Juniper. platyphylla* var.) — this is the last group I can devise for *Hepaticae*, with the same

amount of drawing ~~It~~ also with it a view of under side of  
stems of *Mad. paniculata*. — 4<sup>th</sup> the same statote of fruit of  
*Asclepias tuberosa* (Wilson in Drum. Southern Maps gives this with  
an interjection) you saw when here though made sometimes  
ago it is exact as far as it goes — here just re-examine it.  
I intend this last summer to have made full drawings of  
this beautiful plant & visit its old locality several times  
but it had disappeared — the shape of dried specimens of it  
cannot be restored by water.

All of the above papers keep — the following return  
after a while.

I have put nothing together for a map grab —  
There was so much to select from I did not know when to  
begin or when to leave off — If you wanted one for the first  
book you could hardly better the grab of the old block —  
I think it much a head of *Eudiclis* or *Lindley* — if it was for  
your lectures plenty of materials are at hand I dare say among your  
books — I have however sent you sketches of *Polytrichum* with  
reference to an extent I have never before seen, which may give you  
some pleasure.

My old friend J. G. Lea Esq. in his last sickness repeatedly  
expressed the wish that I would attend to the publishing of a  
catalogue which he left nearly completed of plants in the vicinity of  
Cincinnati, the following are extracts from memoranda on the catalogue  
June 10/44. I still wish to have my catalogue of Cincinnati plants in care  
of my next publisher..... I wish all our indigenous plants except *Fraxi*  
to be included in the catalogue, the maps have been determined by Morrison  
& Sir. W. J. Hooker for that they must have due credit — our Indians

have been sent to Sir. W. J. Hooker, if he returns names they are to be put in  
the catalogue..... It will require a talented being some knowledge of our  
plants to arrange this catalogue correctly, it will also give some trouble, if either  
of my friends W. J. Hallam or G. C. C. or J. H. Cory or Puffer Esq. would engage  
to do it they would probably perform it..... Another extract — July 2/44 a list of  
the *Fraxi* I have collected at Cincinnati will be found in the Lib. of Mr. Boshley,  
letter of June 4/44 — It will be useful to receive to publish them along with my other  
plants — there is no higher authority than Mr. Boshley in this department he it is  
credit of determining their names. — at the request of Mr. Lea's relatives I have agreed  
to carry out his wishes — with the understanding that owing to other engagements it  
may take two years — key probably of this time will close upon I can  
get from Mr. Boshley the names of a large collection of *Fraxi* which Mr  
Lea was engaged in making at Waynesville 40 miles north of Cincinnati at the  
time of his death — These *Fraxi* I shall dispatch through you to Mr. Boshley  
in a sack or two — shall request of him also a full & complete paper  
list of all *Fraxi* he has sent — must request of Hooker to give the names of  
the Indians also — The catalogue contains about 750 plants —  
80 or 90 maps — ~~with the~~ all annum except the new *Fraxi*  
10 or 15 *Repuber*, common except the very curious *Leptote* genus allied to *Monoclea*  
Wilson in lib. — This as I told you when here is the *Tropaeum orbiculare* Solanum  
Spec. Michx. — so it is — but from a reference under 462 *Orchidaceae* you plant I find  
it fig<sup>d</sup> described at large as a new genus *Cypripedium* by Schumacher in Nov. 1822.  
Philad. 2. p. 367. 22 which happened to be in our state library — This was 22 years ago  
corroborated <sup>has</sup> crossed quite unknown to Oakes & all other writers on *Leptote*. — The  
genus is very remarkable & will form a new tribe in *Leptoteae* or cause a modification  
of existing ones. — Schumacher's genus is improperly *Leptoteae* even according to  
his own specimens in Acad. Philad. — I have not found his (only) species *orbiculare*  
but have found two other ones quite distinct from his & from each other — these  
with the gen. *Leptoteae* will be in the Mus. Acad. — to return to Mr. Lea  
of his *Leptoteae* I cannot speak, but the *Fraxi* will I have no doubt  
be the last part of the catalogue — the collection alluded to  
in Mr. Boshley's letter of June 4/44 is said by him to be Cincinnati

interesting & to be the best ever received by Sir W. J. Hooker (by whom they were handed over to Mr B.) - some 20 or upwards new species - the collection I shall send in a few days will no doubt be equally interesting. - upon the whole the materials left by Mr Lea ~~proceeding~~ of his industry & zeal for the science & will be creditable to his memory if properly put together - which shall be done to the best of my abilities.

PAID (20)

Prof. A. A. Gray

Cambridge Ms.

I shall send the package by a private carrier in four days



I am pushing on the Mus. all the vigorously - if no impression hinderance occurs will be through in Feb. next - I am afraid Mr Baker will disappoint me I was led to expect some 5 or 6 things from him - have not heard a word of him since last summer - Excuse me to Mr Jacksonman - his letter yet unanswered - shall attend to it when I get through the M. A. very truly & cordially yours W. J. Sullivant



Sullivant, William S. 1844. "Sullivant, William Nov 20, 1844." *William Starling Sullivant letters* –.

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