

Glasgow. June 13th 1823.



My dear Sir

I have just heard of another opportunity of sending to New York by a vessel going directly from the Clyde, & I lose no time in making up another packet of plants for you, principally of Exotic Cryptogamic subjects, many of them of the greatest rarity, & such as I trust will give you pleasure. I enclose likewise the memoranda I made while examining you in: testing cryptogamic plants & I shall here add some that I drew up while looking over your Ferns.

Aspidium unifidulum is unquestionably the same as *Woodia illoensis*. (as is likewise *Dicksonia pilosiuscula* ~~*pubescens*~~ Ph. & *Aspidium punctilobum*.)

You send a curious Fern as probably a new *Woodia*. Although it comes very near *Woodia* I think its essential characters different. It has an involucre⁺ or Indusium *primæ sphericum*, *demum* in *laciniis* 5-6, *irregularis*, *patenti*, *dentata*: *fas deliiscens*, & *capula sessilis*. Now the character of *Woodia* is to have "Involucrum membranaceum".



caerum, apertum, lacero-multifidum, laciniis
crinitis capsulas inde includit pedicellatas. "Br.

Your plant indeed I consider as precisely of
the same genus (if not species) with what you
have likewise been so good as to send me under
the name of *Altophila peruviana*. Both are
new to me; but surely this latter is not a true
Altophila, which must have the capsules in-
serted upon "receptaculis communibus elevatis," &
whose caudex is arborescens" (Br.). I should ra-
ther look upon them as forming a new genus,
very nearly allied to *Woodia*.

Aspidium angustum of Willd is the same as
Aspid. asplenoides.

Aspidium cristatum, from your country, is
exactly the same as ours.

Aspidium obtusum, as well as *Aspidium*
tenue of Ch., come very near *Asp. fragile*.

Our *Lycopodium clavatum* has the leaves
always ciliated or toothed, Goldie's *integri-*
folium has them quite entire: but your *Lyc.*
clavatum has some of both kinds of leaves.

Your *Polypodium calcareum* (*Dryopteris* of
Mich.) is the same as our *Dryopteris* & the
same as *Dryopteris* Shreve from Boston, Ver:
this ~~is~~ plant, nor our *Dryopteris*, is in

LIBRARY COLLEGE
HERE
COLUMBIA

my opinion to be distinguished from *Col. calcareum*.

Your *Pteris peruviana* of Spreng. is surely no *Pteris* at all; but barren fronds of a *Sanea*, either *nodosa* or *alata*: & your other "*Pteris* allied to *peruviana*"; is I think another *Sanea*.

Your *Asarum Canadense* is quite distinct from our *As. europaeum*.

I wish I could send you a copy of my *Museo:logia Britannica*: but it has been long out of print & no copies are to be had. I am now engaged in preparing a second edition. You have probably not seen a Memoir I have published on *Orx baumia* & *Siphyscium*. It forms a part of the continuation of the *Jl. Londinensis* & I take the liberty of sending you a copy.

I shall hope soon to have the pleasure of again receiving some communications from you. You will not infrequently find opportunities by vessels coming direct to Glasgow or some part of the Clyde, & then if plants are sent to me addressed to the Royal Botanic Garden of Glasgow, I have an order from our Government

that they should come free of duty.

Believe me to be, dear Sir,

with much esteem,

your very faithful

servant & friend in service

To Mr. Torrey & Co.

W. J. Hooker.

P.S. May I trouble you to forward the enclosed parcels, according to the directions.



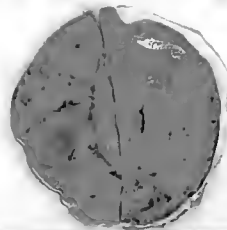
July 13th 1843
New York

W. J. Hooker

To Mr. Torrey & Co.

30. Warren street
New York.

with a Parcel



Glasgow University
Dec. 15th 1841.



Dear Sir

I received in the summer your letter of April 10th, announcing another letter & a box was to sail immediately from New York for this country. Up to this time however I have ^{heard} nothing of either one or the other & as you have not said by what vessel they were to come nor to what port, I am unable to make the necessary enquiries, though, conceiving it likely that Liverpool would be their place of destination I have made every possible enquiry at the custom house there, but without success.

174
25
26
Most assuredly from your part of America I should be very glad to receive dried specimens of plants, both phanerogamous

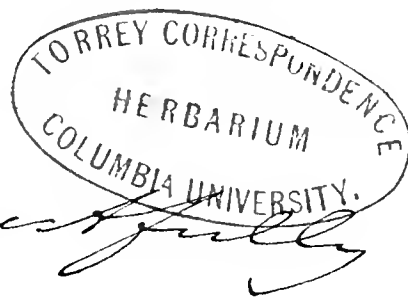
& cryptogamic. I will give you names
& my opinion upon what I may receive
from you as far as I shall be able &
in return I will send you specimens
from this & other countries.

I hope to hear from you soon
& shall be glad to learn that the
parcel & letter you have mentioned are
in safety. My kind respects to
Dr. Bigelow when you write to him.

Yours, dear Sir,

Yours very respectfully

J. J. Hooker. L.S.



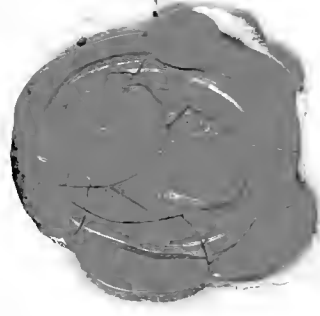


Mrs J. Hooker

Dec. 15th 1821.

Dec. 25th 1821

1822.



New York
America.

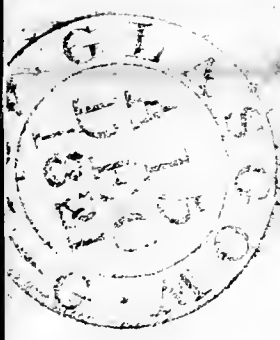
172. Fulton street

at the

Dr. John Lowry

PAID
GLASGOW

2/16



- N^o. 1. "Hypnum" *fluitans*. no fr.
- 2. "Fontinalis capillarea".
- 9. "Grimmia microdonta". Augustus: nablya Weisia & scarcely diff. from Weis. mica controversa.
- 3. "Spheria limniformis".
- 4. "Pterigynandrum hirtellum".
- 5. "Tetraphis pallucida".
- 6. "Weisia" - quite new. *W. aloides* of Hook. Musc. - allied to *W. controversa*.
- 7. "Barbannia aphylla".
- 8. "Grimmia pennsylvanica" Schwaegr. scarcely diff. from *G. ovata*.
- 10. "Aristanguium filiforme" Mx. *Arise*: *Jung. imberbe* Hook. Musc. Brit.
- 11. "Gymnostomum prorepens". This is undoubtedly a *Sclotheimia* or an *Orthotrichum*. I wish much to see perfect capsules.
- 12. "Archegonitum heterostichum".
- 13. "Barbula apiculata". Hedw.
- 14. "Barbula capitata".
- 15. "Polytrichum perizoniale" Mx. is certainly *Pol. commune*.
- 16. "Barbannia" - *fontana*.
- 17. "Polytrichum pennsylvanicum".
- 18. "Sphagn. cymbifolium". is *S. latif.*
- 19. "Barbannia crispata" *B. pomiformis*, *B. crispata* Hook. Musc. Brit.
- 20. "Funaria hygrometrica". Same as the European plant.
- 21. "Diplocomium longisetum".
- 22. "Limnia cucullata" Mx. - same as *L. megapolitana*.
- 23. "Neskea cladorhizans".
- 24. "Hypnum plumosum" ex. Br. - I think *H. salebrosum* Hedw.
- 25. "Hypn. curvifolium" Br. - undoubtedly by *H. Crista Castreutis*.
- 26. "Hypnum impronens".
- 27. "Hypn. Torreyanum" Apr. I fear not

- differs from *H. curvifolium* Hedw. & Br.
- N^o. 28. "Hypn. cupressetorum" Br. - Here are imperfect specimens of 3 *Hypna* - *H. proliferum* - *H. serrulatum* & *H. andrum?*
- 29. "Hypnum levipes" scarcely diff. from *H. striatum*.
- 30. "Hypn. falciforme" Br. - *Hypn. radi-* *cale*. Schwaegr. fig?
- 31. "Hypn. serrulatum" Br. n. sp. - no fr. certainly not *H. serrulatum* Hedw. for the leaves are falcato-secund.
- 32. "Hypnum lanarissimum". i.e. *Hypn. proliferum*: exactly the same as the European.
- 33. "Hypnum curvirostrum" Br. - same as *H. Cooleyannum* N^o. 36.
- 34. "Hypn. cupressiforme β . tenerius".
- 35. "Hypn. minutulum".
- 36. "Hypn. Cooleyannum" Apr. - new.
- 37. "Hypn. populeum" Apr. I think *H. salebrosum*.
- 38. "Hypn. curvifolium var" Br. seems to be *Hyp. reptile* Mx & Schwaegr.
- 39. "Hypn. Siphis" Br. - same as 41.
- 40. "Hypn. chrysostrum" Mx. is *H. au-* *labulum*, certé.
- 41. "Hypn. concavum" Br. is *H. Siphis* N^o. 39.
- 42. "Jung? Sphagni affini" is *S. crenulata* Hook. Jung.
- 43. "Crissia lutescens" Schwaegr. n. sp. Here this has been found in fr. - I should like to publish a good figure of this. What is Schwaegr. *El. Am. Lich. Crypt.*? I have never seen it.
- 44. "Jung? lidentata" right. The stipules are bifid.
- 45. "Jung? tomentella". I can send you this in fr.
- 46. "Jung? tridentata" later Mx. is Jung. *trilobata*.

47. Jung? trilobata. B. minor. Br. Jung.
 47/bis. Jung? pamariscifolia - is J. dilatata. Hook.
 48. "Jung? platyphylla"
 49. "Marchantia polymorpha" m. fr.
 50. "Jung? sphaerica"
 51. "Jung?" no fr. but I think Jung. bidentata, foliorum dentibus obtusissimis.
 52. "Jung? setularioides" is J. ciliaris.
 53. "Jung? complanata" is J. dilatata, small & in fr.
 54. "Jung? bicuspidata"? - this is J. bidentata var. minuta. It is a very variable species.
 55. "Jung? laciniosa" Mx. is Jung. ciliaris.
 56. "Jung? bidentata"
 57. "Jung? polyantlia"
 58. Brickia notensis, in fructific.: notion! which I never saw before & w^h I believe was never found before. Pray send me some more. I shall figure this immediately. It is a true Brickia, which has always been a doubtful point.
 59. Brickia glauca.
 60. "Marchantia comosa"
 61. Brickia fluitans. Can you not find fruit to this, as well as notensis? It is equally important.
 62. Rhizomorpha crocea Schwei: nit? - new. near to Rhizomorpha villosiformis of Ach.
 63. "Hypnum"? - Can you not discover the fruit? I think it is rather a Jung? than a moss, but is

- still something quite new to me.
 64. Jung? curvifolia.
 65. "Geoglossum hirsutum"
 66. "Jung?" on quartz. I think it is rather a dendritic mineral substance.
 67. "Hypnum" stellatum var. minus.
 69. "Dier. longifolium"
 70. "Trichost" or rather Sidymodon pallidum. Barb. Fr. cylind. dracum.
 71. "Diplaz. foliosum"
 72. "Neckera pennata" same as the European one.
 73. "Neckera" reticulosa. minor P. de Beauvois. Anomodon Hook.
 74. "Hypnum": one of the numerous var. of H. cyprifolium.
 75. "Hypnum" I think salebrosum.
 76. "Hypnum": - H. subserrulatum I think.
 77. "Leskea squarrosa". Scarcely diff. from H. flexuata Hedw.
 78. "Leskea" rostrata.
 79. "Leskea": attenuata.
 80. "Pterogonium intricatum". It is not a Leucodon, but the teeth adhere by a marginal membrane which on separating often makes the teeth appear to be split. At the same time it is very much allied to Leucodon, & although I have myself adopted the genus, I very much doubt if it is found dead in nature.
 81. "Hypnum imponens."
 82. "Lasia trichomitris". Very nearly allied to Leucodon scissoides &

The two must come into one of the same
genus.

83. "Hypnum" serpens.
84. "Hypnum" rutabulum. Leaves
rather longer than usual.
85. "Hypnum" salebrosum?
86. "Orthotrichum" crispum.
87. "Hedymodon" purpureum.
Musc. Brit. (Sic. austr.)
88. "Bryum" spinosum. Surely
only *B. cuspidatum*.
89. "Hypn. cupressif." aff. - Perhaps
so, but the capsule is more
like that of *H. recurvum*. I
think there are many allied
species, which had better be re-
ferred to *H. cupressif.* for the
gradations may be found
almost imperceptible.
90. Bryum, in a bad state. Not
"Weberia longicollis?" - Rather
a small state of *Bryum*
ventricosum.
91. "Trematodon longicollis"
92. "Hypnum" not "sidratum". I
rather suspect *H. serpens*, var.
capsulis brevioribus.
93. "Hypnum" rugulosum. Cer:
family; barren. I never
saw fruit. It comes very
near *H. robustum* Musc. Ex.
94. "Hypnum" - seta rough. An
H. rutabulum.
95. "Dicranum strictum". Certainly
but very near *D. Scottianum*.
96. "Dicranum purpureum". Sidy:
modon Hook.
97. "Dicranum": heteromerallium,
small.

98. "Dicranum heteromerallium". No;
it is *Hedymodon protuberans* Hedw
(Trichost. of some authors).
99. Is *Dicranum glaucum*. Same
as the European.
100. "Bartramia" fontana, cert.
101. "Merulius tremelloides".
102. "Jungia" barbata? or
calmid, 5 dentata Hook.
103. "Jungia" dilatata.
104. "Jungia" scalaris? - It is Jung.
sphaerica, with gemine.
105. "Jungia" capillaris". Is *J. seta*:
Jungia trichophylla Hook.
106. "Jungia" emarginata" Sicks & Hook.
107. "Jungia" nemorosa" Sicks.
108. "Jungia" trichomanis".
109. "Jungia" complanata".
110. "Hypnum protuberans?" - ra:
the *Hypn. cupressiformis* var.
minus. (foliis falcato-secundis).
111. "Barbula cespitosa". - It is *Syd.*
sicens subbasilare Hedw.
112. "Hypn. protuberans". Again I think
H. cupressif. minus.
113. "Hypn." - incurvum.
114. "Hypn." - serrulatum.
115. "Hypn. contortum". Is it not a
var. of *Hypn. serpens*, foliis
basi latioribus.
116. "Hypn." - serpens; a barren Bryum
pyriforme.
117. "Hypn. confertum" - ?
118. "Sic. undulatum".
119. "Lobitinalis rivularis" Schwein.
120. in *Lobit. squarrosa* - the *L.*
subulata P. de Beauv.

121. "Bryum" caespititium.
122. "Hypnum" subtabulum.
123. "Bryum aureum" — or pyriform:
name of some author.
124. "Clinacium americanum"
125. "Gymnostomum Torreyanum
Schwein." — This is I fear only
Gymn. curvirostrum. Hedw.
126. "Hypnum cupressiforme"
127. "Mnium palustre"
128. "Barbula," caespitosa Schwaegeb.
129. "Bryum," — caespititium.
130. "Orthotrich." Antichinis Hook.
131. "Hypnum." Neckera cladophila:
Zaus.
132. Polytichum
133. "Dicranum" flagellare?
134. "Dicranum" scoparium.
135. Barbula convoluta. nota
"Didymodon"
136. "Hypnum" — ?
137. Grimmia (Weissia?) — is Weissia:
sia controversa
138. Gyrophora vellea"
139. Parmelia physodes."
140. "Cornicularia fibrillosa"
surely distinct from C. pu:
bescens, of which Acharius
makes it his sp.

Dr. Harkness's return list
 of Bryophytes sent to him

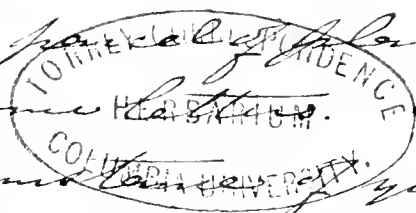
1823.

Glasgow, May 29th 1823.

My dear Sir

Being in London during the last month I had the very great pleasure of finding at the apartments of the Linnean Society your valuable packets of plants, sent through Mr. G. Don & your truly welcome letter. I was the more gratified perhaps from the circumstance of your former packets addressed to me being lost: an accident I can by no means account for. The only chance for its recovery is to inform by what vessel it came, to what port & to whom addressed. I made enquiring at the Custom House Liverpool & nothing of the kind was received there. Many of the phenogamous plants are quite new to me: so are some of the Cryptogamia. I have latter shown now gone through with considerable care & made my remarks upon: but as they would occupy more than the present sheet I shall reserve them till I send again by a vessel that you may not pay too much for postage. Perrin's plants are very interesting. I shall be delighted to receive further communications from you & shall on my part endeavour to make you the best return in my power. I am more than ever anxious to obtain additions to my Herbarium, because I am now engaged in preparing an Universal Flora in English, a work which has never yet been attempted & for which I must have an extensive Hortus Siccus. Dr. Candolle will send me over the sheets, as promised, of his Synopsis Plantarum, so that I shall have all the advantage of that book before its publication: & I shall add all the new species I can, & give the authorities & stations. - You complain & justly of the various & contradictory names given by Botanists to Mosses. This would not happen if good figures, as well as descriptions, were given of the species: a desideratum I am in some measure attempting to supply in the Musci Exotici, when I have yet many important subjects to figure, besides some of those I have had the pleasure of receiving from you. With regard to

I have many specimens of *Leptocarpus* to show with you. Some charming specimens of *Elychnia cristata* & *Thuidium* etc. from Mr. Holland, what I am expecting to be a duplicate of - some *Saxifraga polytrichoides*!



new names, given in this country, to American plants, which have been already described in publications that have appeared in your country, there is this excuse, that we really know little or nothing of the works of science published in America till years after the publication. You mention Williman's Journal, (as well as some Bot. papers) Curtis's Manual of Botany. Boston & Philadelphia, some Memoirs of Nuttall & Schweinitz, in allusion to ^{Goldie's} ~~Nuttall's~~ paper on N. Am. plants, which I am sure Goldie never saw, & which I myself have never been able to procure, although my library is a very valuable one, & though I spare neither pains nor cost to make it as complete as I can. I am therefore the more obliged to you for your remarks upon Mr. Goldie's Memoirs & I hope sincerely you will give them to the public. I have most of Goldie's plants & some I have already published in my Flora Exotica. Upon your notes however I will beg to observe;

1. *Sweetia corniculata*. It is mentioned in the description as being proposed by Cumb. as distinct from the European.
2. *Lithospermum linearifol.* Goldie's plant is unquestionably fruticosa.
3. *Primula pusilla*. Your notes come in time for me to introduce your observation on this, in my description (with a figure) in Fl. Exotica. I have retained the name pusilla. It is undoubtedly distinct from our *Pr. ferruginea* & our *Pr. scopica* (nihil in Fl. Lond.) & does not agree with the *P. missillipinica* of Michx.
4. *Caprif. pubescens* - must be changed to lanuginosa Edw. I had figured it in Fl. Exot. before your information arrived.
5. *Ribes tenax oblongifol.* - This you say is *R. villosum* of Michx. - but Michxaux's plant has "Bacca distincta" & of a ~~red~~ blue color; whereas Goldie's has decidedly coardate berries & of a red colour.
6. *Rosa linearis*. The leaves of this are totally unlike those of the American *R. longifolia*; but I have only very bad specimens in other respects.

Cynola asarifolia. Whatever this may be of Nuttall, it certainly is not the *C. chlorantha* of Swartz, of which I have specimens from the author.

Stellaria longipes. This you observe in the *Stell. longifolia* of Muhl. but in what work?

Crataegus pubescens. No doubt you are right in referring this to *C. glutinosum* Nutt.

Ranunculus rhomboides. I was delighted to see numerous specimens of this truly distinct species in Capt. Franklin's collection from Arctic America.

Corydalis canadensis. This really ^{is} distinct from what I know as *C. formosa*. Can you send me formosa?

Oridum Peckii is a very interesting plant.

Habenaria macrophylla. Most undoubtedly totally distinct from *Orchis orbiculata*, of which I have plenty of specimens. It is one of the finest species of the Genus. See the remarks after the specific character & compare them with *Orchis orbiculata*.

Do you really think the *Lycopod. integrifolium* the same as *Lyc. clavatum*? I cannot make up my mind about them.

The differences mentioned in Goldie's character of *Osmonda alata* are constant in my specimens. Still they may not be good specimens.

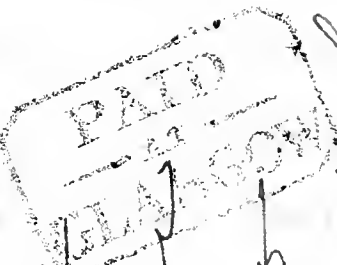
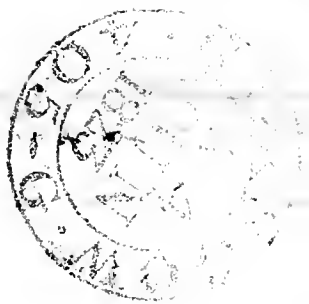
Aspidium Goldieanum. Differs from the true *cristatum*: form & still more so from the true *dilatatum* W. It is the same as what you send me under the name of "Asp. Felix mas of Pursh." It may be so of Pursh, but is very unlike the European *F. mas*, & therefore should bear another name. It is very correctly described in Goldie's Paper.

You see how valuable it will be to me to have authentic specimens of American plants, & I shall confidently look to you for a supply.

Among your Cryptogamia I cannot resist the temptation of telling you that N. 6. is a new *Neiforia* which I call *N. aloides*. *Gymnostomum purpureum* is surely a *Belotheimia* or *Orthotrichum*. Can you send me perfect capsules? *Prussia lutea*: cent - a good specimen. Can you not find fruit? - What a glorious discovery you have made in the fruit of *Prussia natans*! It was never seen before, & I shall soon figure it. I had the pleasure of a long visit lately from Schweinichen & he gave me a copy of Schweinichen's *Flora Carol. Sup.* which like much,

That author is an excellent Mycologist, & I value his works.
I wish much to have his account of the Repertory of the
United States. If I can be of any use to him in sending him
European & other rare Cryptogamia I shall be happy to do so.

One of our head gardeners, from our Bot. Garden, Mr. Samuel
Douglas, whom I recommended to the Horticultural Soc^y of London
is just gone from Liverpool to New York. He gave me only a few
hours notice; & in that time I made up a small parcel of
plants for you, principally British & European: & to render it
more acceptable I added a copy of my Musci Exotici, for your
acceptance. I had no time to select from my numerous Exotici
Cryptogamia de wh^{ch} I therefore reserve till another time, when



John Torrey M.D.
accd
30. Warren street
New York.

W. S. D.

Single



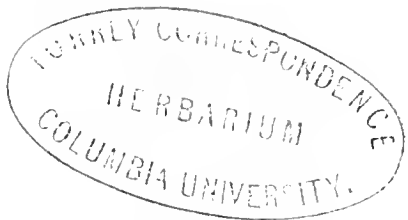
Recd July 25th

May 29/71 1823

Wm J. Hooker

I shall send a few more valuable packets. Still I hope you will
find something good in this. Let me soon hear from you again,
for your letters both interest & instruct me. Have you got a
copy of my Jungermannia Antennaria, or of my Thra Scotica?
I gave you parcel to Dr. Thomson who has written to you by
post. My friend was much pleased with your selection: Can
you not send me a good botanical specimen of it? I am my
dear Sir, with sincere regard & esteem your faithful & obliged
W. S. Hooker.

Glasgow. Dec^r. 2^d. 1823.



My dear Sir

I have lately received a letter from Mr. David Douglas, who speaks so much of the kindness & attention he has received from you, while at New York, that I am desirous, since he is a young man in whom I have long taken great interest, of thanking ~~you~~ you for what you have done for him. He tells me, what gives me very great pleasure, that you are preparing a Flora of N. America for the press. I am sure you will do it well & consequently yourself justice by it. You will of course include the recent discoveries of our artists & travellers who have discovered many things on the borders of the frozen ocean. I have Franklin's & Birkbecht's collection & just now, Captain Parry has sent me his plants from the last voyage, which I am preparing for publication & which I shall have ready by next month. There are some charming

Mosses as well as phanerogamous plants
& among them *Splachnum Wormskioldianum*
in the highest perfection.

I have added greatly to my collections lately
from various parts of the world, as I am
now working seriously at my "System of
Plants", arranged according to the Nat. Ord.,
with plates illustrative of those orders.
The first part of this work will appear
in July next. There are still a multitude
of plants from your part of America & espe-
cially from the more southern & western
states that I have not yet been able to
obtain & I should be most happy to
make you a return for any you
might be able to send me. There is
so much of novelty in your country that
you cannot fail to send me many good
things. I am especially deficient in the
trees of N. America, Oaks, Lirs, Willows
&c. Can you make out anything satis-

factory with the *H. Astus*? & *Solidaginea*?
Do you know what is the *Carpobolus*? a genus
of Hepaticae, figured & described by Schwenk
in the Journal of the Acad. of Nat. Sc. of Phila:
delphia. The *Apherocephalus* ~~is~~ ^{is} large in
England, but not in Scotland, & it is very
remarkable that nothing like male flowers
have ever been found either in England
or America.

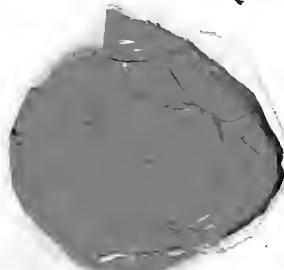
Since I had the pleasure of writing
to you last I have made some excu:
sions into the country & especially into
the Highlands:— & having met there
with a few interesting *Mosses* I am un:
willing to send a letter to you without
enclosing some specimens.

I reckon very much upon hearing from
you & of your pursuits. That you may
have health to pursue your great undertak:
ing on the plants of your native country
is the sincere wish, my dear Sir,
of yours very truly & faithfully
W. S. Hooker.

Wm J. Hooper

Book 2nd, 1823.

Recd. of Wm 1827, 1824



with some papers.

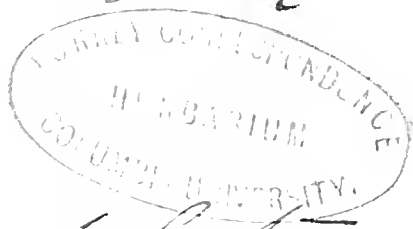
New York.

Wm J. Hooper

Wm J. Hooper

Glasgow. July 23.

My dear Sir,

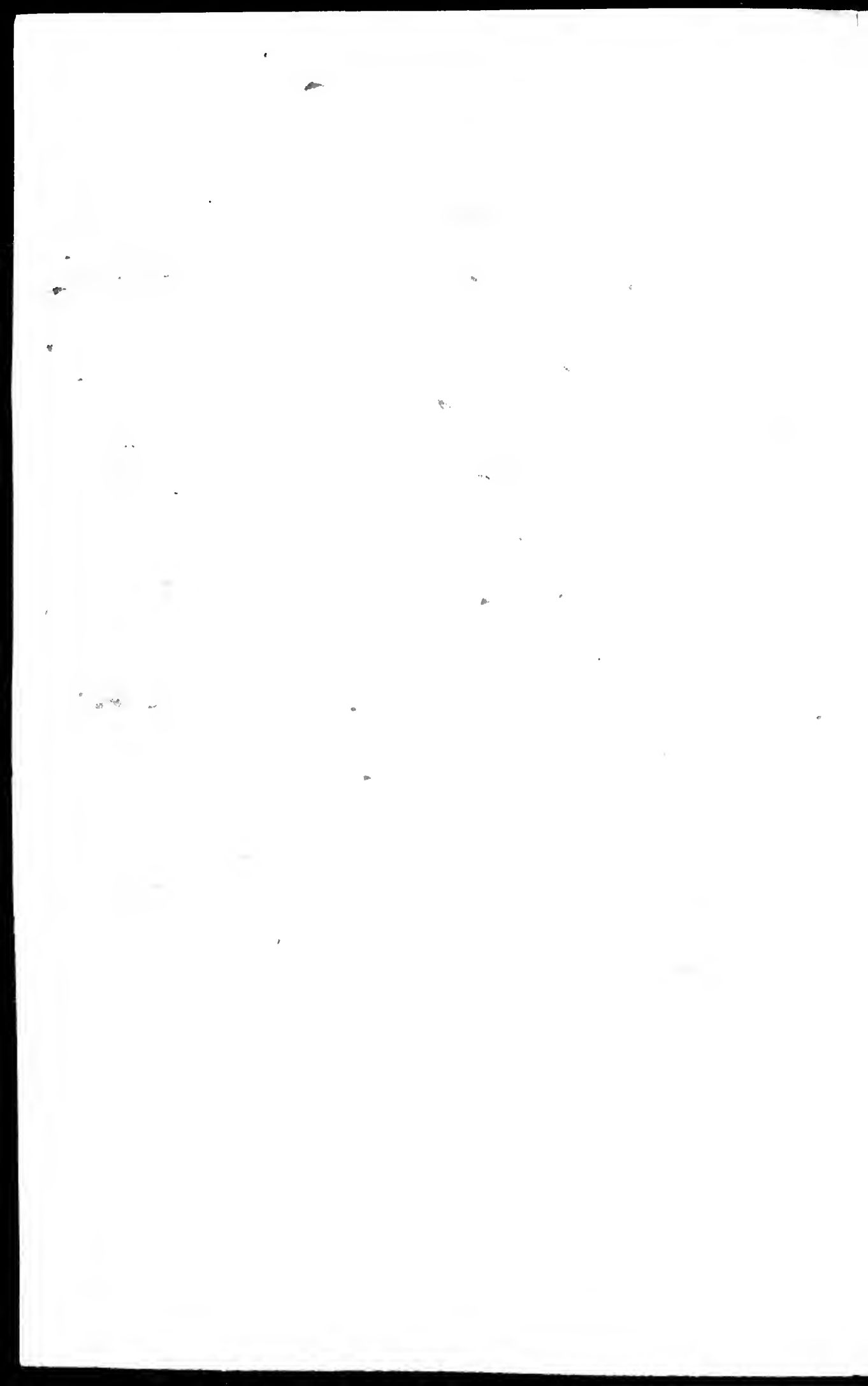


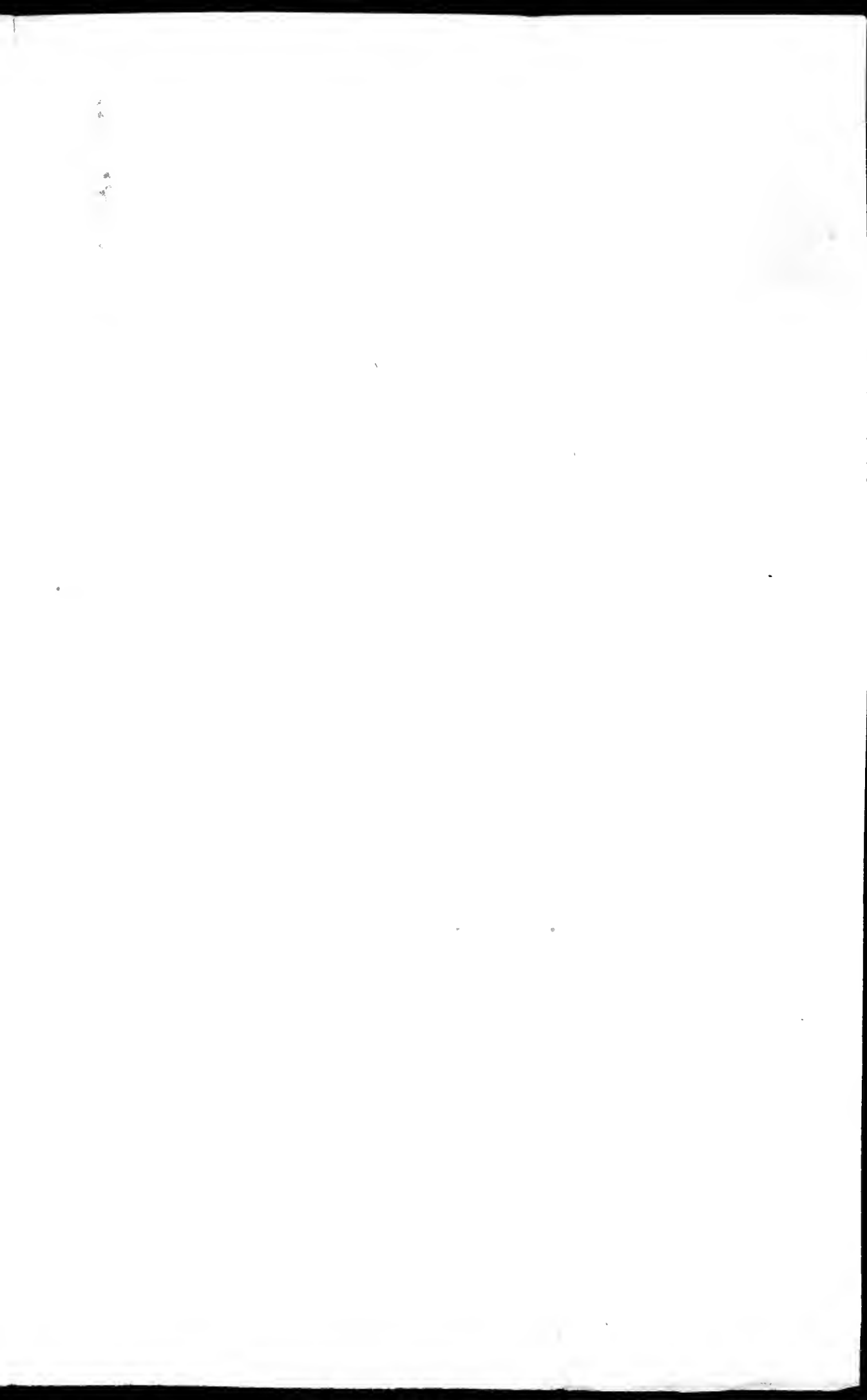
I am going to botanizing
in the highland mountains
& having of an opportunity
to send you a copy of the
provision of my friend
Dr Candolle which I happen
to have by me. I will
write as soon as I return from
the mountains.

I thank you for your last
letter & book. I long for
the continuance of your
flow.

Dear yours

W. J. Hooker.





Prof. Hooker

July 23rd. 1824

Recd Sept. 27. 1824

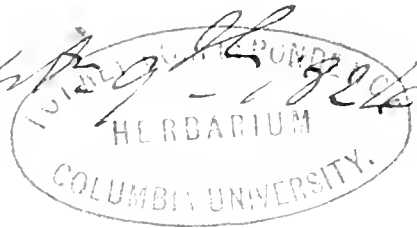
with a copy of Dr. Ligny
& Myor. name

Recd Sept. 27. 1824

Ans. Oct. 27th. 1824

J. Torrey

Glasgow. Sept 29th 1824.



My dear Sir

I hope, now that we have a regular & frequent communication of Vessels between this city & New York, that our correspondence will be less interrupted. Knowing how much you wished for a copy of Dr Candolle's Prodromus, I sent by the Packet of last month a copy to you & enclosed in it a specimen of the true Myosotis name from Switzerland, which I also know you had not, & further that you wanted to compare it with your American M. name. I believe I had no time to write you more than half a dozen of lines, for I was then setting off for the mountains, & I promised to send you some of the plants which were the result of that journey. This I now have the pleasure of doing & I add a few others.

Your last letter to me was dated Feb^y 3^d & was accompanied with a Number of the Annals of your Lyceum: & I have since received as you see N^o 4. for May 1824. I thank you for all you have told me in that letter. I remain

Botanical intelligence will now be more available to me than ever; because as you will see by a copy of the new Edinburgh Journal of Science which I have the honour to send to the Lyceum, that I have undertaken the Botanical department of that work: & particularly to wish to give a notice of the state of Botany in America. I quite long to see the continuation & indeed the completion of your Flora, because you work at the specimens you describe, & great accuracy must be the consequence. I have long had the 1st N^o but no more.

Another reason why I am so much interested in American Botany is that my respectable friend Dr. Richardson (the companion of Franklin) & myself have the intention of publishing a Flora of the British possessions & of the Arctic regions of N. America. Our materials are already very considerable & in 4 years time they will be very great indeed. All Capt. Parry's plants from his present voyage, are to come to me (as did those of the former). I have been the means of sending two Botanists from Scotland to the N. W. coast of America. They are on their way to the mouth of the Columbia, whence one will return over:

land with Capt. Franklin. Another is now
to go out with Dr. Richardson & to spend 2
years among the rocky mountains & Dr. Richardson
himself is as you know an admirable Botanist
& full of zeal. Much is now doing also in Canada,
especially by the Lady of the Governor, & we
have correspondents in Labrador & Newfound-
-Land, & much interest with the Hudson's
Bay & N.W. Companies. Dr. Richardson
himself, in going out upon his second arduous
journey, will take New York in his way &
I shall introduce my friend to your acquaintance
some.

Then, you know I am now working at
my System of Plants. It must be arranged
according to Natural Orders. For there are now
Hosts of Exotic Plants about which no two
Botanists can agree as to which Class in the
artificial system they should belong to. Very
many too, of the species of the same Genus differ
exceedingly in the number of the stamens. So,
if you have time, pay some attention to the
Nat. Orders. I am sure you will admire them.
I always recommend the beginning with Lin-
naeus & then after my Students have advanced
considerably in that system, I recommend to
them Jussieu & DeCandolle.

I have found Sprengel wretchedly incorrect in the

plants I have received from him. It seemed as if he named things by hazard, without looking at them.

You will find *Primula Hornemanniana* of Richardson's App. to Franklin's Journal to be the same as our *P. pusilla*. I send you my *Primula scotica*, an excellent species which I have published in *Flora Londinensis*.

Your curious *Woodia* thing must surely form a new Genus. Bauer is very correct in all that he does & as well as Brown, is quite to be trusted. There is certainly a very deeply lacinated indusium. Beneath each cluster of capsules in our *Woodia*, but the pedicels of the capsules are very short.

Your plant may be distinguished from *Woodia* by the broad subregular segments of the involucre - lobes roundish, enclosed in a spherical involucre which bursts above into about 5 spreading subovate segments. - It certainly comes very near *Cyathea*; but differs in habit &c.

Your "*Aspidium rugidulum*" is exactly the *Woodia ilvensis* of Swartz. It is very different from our *Woodia hypnoides* of which I send you two new. Both these again are very diff. from the *Woodia glabella* of Richardson.

Little indeed has been done in this country that can be of use to you in N. American Botany except perhaps on the Arctic plants; of which Brown's paper is published as a separate Appendix to Parry's 1st Voyage & minor of the 2^d. Voyage is now in the

pref. Mr. Don indeed has published on the
genus *Pyrola* & send you a copy: & Fr. Richardson
is preparing a 2^d. edition of his Bot. Appendix
Franklin's Journal which will have some
alterations.

I have only noticed *Pterispora* in connec-
tion with *Pyrola*, to which it has a very
close affinity & doubtless belongs to the same
Nat. Order. Brown has published nothing
on it; but my friend Lindley has given a
noble figure in his costly *Collectanea Bota-*
tanica.

Schweinitz's pencil is not yet arrived.
I shall you with a pencil for him & one
or two for others.

I hope soon to hear from you. Send
all the specimens you can & ask my opinion
upon any thing in which you may think
I can serve you.

Yours ever, most faithfully

J. J. Hooker,

Have you any dis-
plications of the Stony
Mount. Herbs?

W. J. Hooker

Sept. 9th 1824

Rec^d Oct. 24th

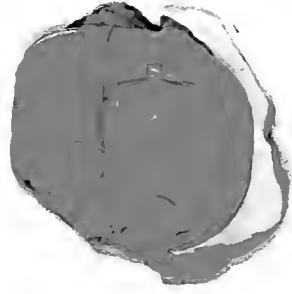
and Oct. 27th - c

sent with a pack. of pt. by the
Glasgow packet. 10th Nov. 1824

Dr. Janssen

and

New York



Glasgow, Jan'y. 9. 1824.

My dear Sir



I write at this time for the purpose
of congratulating you on your appointment
to the Military Academy at West Point,
a piece of intelligence which I have just
now the pleasure of learning from Mr.
Jan Bauspallaen. I only hope it will
be no impediment to the progress
of your *Flora of the Middle States*. Of
the expectations I have formed of that
book & of my ideas of the present state
of Botany in N. America I have given
some account in the last of the 2
Numbers of Brewster's Journal which
I have done myself the pleasure of
sending with this to the Lyceum
of Nat. Hist. of N. York. I hope
you may have seen my valued
friend Mr. C. Parker of this country
who has been botanizing most success;

fully in Guiana & in many of the
W. Indian Islands. Most of his
plants indeed from the Islands he
rushed with his vessel & his crew
off Guadeloupe - he alone escaping
as it were by a miracle, to sell the
sale. I gave him letters to you
& others: but I believe they were lost
with his vessel. I address him at
S. Bethune's Esq: N. York. I know
not how far your residence now is
from N. York: but I hope not far
& that our communications will
not be less frequent than they have
hitherto been.

Mr. Van Rensselaer tells me he has
been so good as to forward a parcel for
me from you by the Camillus & one
from G. Schweinitz. The Camillus
is in the River; but he goods are
not yet delivered: & as to tomorrow
is the regular day for the sailing of

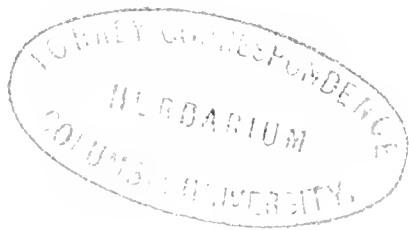
The Glasgow packet. I am unwilling
to delay writing. I shall ~~write~~ re-
turn write again when I shall have
had the pleasure of seeing the contents
of your parcel. Early next month I
go London & Paris & return in April.

I am, my dear Sir,

most truly & faithfully

Yours

H. J. Hooker.



Wm Jackson

Jan 4th 1835

Rec^d (in a package

of books rec^d by Dr. Van Hook

for the M. S. Sem)

March 20th 1835
Am! Apr. 1835

West Point

Military Academy

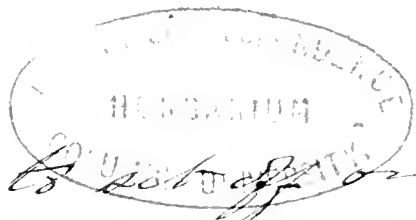
Adjutant Genl of the Army

President of the Sem

Dr. James

Glasgow, July 8. 1825.

My dear excellent David



Just as I was about to ~~start~~ on my tour in the continent early in the spring I had the pleasure to receive your packets & letters & just ^{had} time to thank you for them previously to starting.

The extent of my tour, which was undertaken solely for the purpose of seeing Protestants & improving myself in Botany, was much curtailed by the serious illness with which I was attacked at Paris, & which confined me to my bed during the greater part of the time that I was there. I came home in a very indifferent state of health & was again confined to my bed in England. I reached Glasgow just in time to commence my lectures about the middle of May, & have soon since that, as you may suppose, been overwhelmed with my occupations, especially with the number of new Books I find accumulated upon me from all parts of the world. I cannot, till my lectures shall be concluded, find time to select for any one; but then you shall be one of the first on my list & I will select for you from my Arabic & other collections as soon as possible. My acknowledgments

the plants of Darwin's last Voyage, though printed
and these few months, is delayed to be pub-
lished, because the Astronomer has withheld
his share of the Appendix. My little Ser-
mon on the plants of Capt. Sabine in Brit-
ain & published & I send it you, together
with mine & Gravelle's Papan. Hooker's,
Hamilton's on Indian Botany & an admirable
work on the Euphorbia of Germany by
Dr. Baer, ~~together with~~ & also, which I think
will much please you, Agardh's Synopsis
Algium, which has only within these few
days reached me.

Shewinitz's papers reached me, with the
rest & is full of fine things. Continue to
me your valuable communications - send
me any additional plants you can, & do not
forget the 2^d Number of the Flora of the Mid-
States. That by some accident never reached
me. I have only Part 1 & 3. I long to
hear of your progress in this work - for of the
opinion & order of it, you will probably
have seen an account in the 3^d N^o of Brewster's
Journal which I send to you. Respectfully
Yours,
Nash. Rich.

My inestimable friend Dr. Richardson has

told me that from some expressions that fell from
you when he saw you at West Point, he had reason
to think that you considered my proposed Flora of
the British possessions in N. America, will anticipate
some of your ~~entire~~ descriptions of Canadian Plants
in your intended Universal Flora of N. America. Now,
my dear Sir, from so hastily formed ^{idea} ~~conclusions~~ ~~judgments~~ I
ought not to take notice of such a circumstance. But the
regard I have always entertained for you, makes me an-
xious to explain myself a little more to you & thus I am
sure you will be satisfied not only that our plans will
not in the least interfere with each other: but that
we are both serving the cause of science, & each in a way
which the other cannot do.

Of the propriety of a British Botanist undertaking
a description of the Plants belonging to British Ame-
rica, or to those parts of N. America not belonging
to the United States, & where so much has been
done in investigating its vegetable productions,
& at such a heavy expense, with so great risk & some
loss of time, by people of our own country, there can
be no question. Indeed it would be a disgrace to
this nation were the thing not to be done here.

Now, were I to embark upon the thing at once
it is very true that I might take up & describe some
new Canadian Plants which have already distand
for your general Flora, but which you might not
so soon as myself have the opportunity of fish-
ing. But you must see well, that I cannot
~~begin~~ commence operations for 3 years to come till

the return of the present Expeditions from the
Northern & western parts of the country. Hence
the probability that you will furnish me, if
I may use such an expression. But I assure you
that so far from being vexed at this I should re-
joice in it. Nay more, believing, as I do, that
you have already collected considerable ma-
terials of the plants of Canada & the rocky moun-
tain, I will although it should ^{so} happen
that I may be the first to publish, most gladly
adopt your Mss. names, upon your communica-
ting specimens to me which will enable me to ac-
cognize them. This I think will convince you
of my more than friendly feeling towards you. Now
with regard to all the Plants that may be collec-
ted by Parry's Expedition to the N. Coast &
Islands, Franklin's to the Coppermine & Mackenzie
riviers & Whiting's & Peck's; to the
N.W. Coast — & Scudder's & Drummond's to
the Columbia &c: the publishing of such, the
greater part of which must be new, cannot
in any way interfere with your General Plan,
because they will consist of plants which
can only be procured by the Government of
this country & the public bodies who have
sent out the ~~the~~ Naturalists; & they
will, for their own credit's sake, have them
published first in this country: so far

therefore from the public being the cause for our
publishing about the same time, or from our
interfering with each other on this occasion, I
see clearly that we may mutually & greatly
benefit each other & the scientific world
too, both in America & England.

Now I am sure I need not say upon this
subject. Your own good sense & your knowledge
of me will convince you that I am incapable
of doing anything that would in the smallest
degree injure your valuable labours: & if ever
you have entertained such a feeling, which
perhaps, after all, you have not, it could only
arise from your not being fully aware of
the nature of my plan.

Schweinitz is at Acronhutt in Saxony.
I have written to him to come & see me, when
he returns on his way to America. He writes
to me soon & long letters.

I have induced my Bookseller to defer
my "System of Chem." till 1826, which will
prove a great advantage to me & to my Book.
In the mean while I am labouring, besides
at the Phoenician Club, also at the
Museum & you will hear soon, for, at the

Term. In short I have no idle hours &
I might almost say none that is not
devoted to Botany: - though family
concerns will often intervene.

I do all I can in sending Botanists
also abroad. I have just got an excellent
appointment at the Botanic Garden of
^{Jamaica}
~~St. Vincent~~ for one of my students; &
another I have just recommended to
the Admiralty to be sent to the interior
of Africa with Clapperton. This Clap-
perton is just returned from a glorious
journey into the interior of that coun-
try, from Coornah, with ^{an immense} a splendid collec-
tion of things, & as soon as they are pub-
lished, he sets out again.

I am ever, most truly &

Yours faithfully

G. J. Hooker





Miss J. Hawks,

Delg St. 825

Recd Oct 10th,

Receipts Dr. Van Rensselaer
with a package of samples

and 70¢ 826

Wash Post.

at the Military Academy

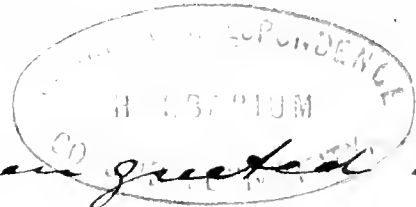
Mineralogy

Professor of Chemistry

Dr. Sams

Glasgow. Oct. 8th. 1825.

My dear Sir



I have this day been greeted by your most welcome letter, which has further announced to me the arrival of a parcel of plants for me in the river. This parcel I shall obtain on Monday: but as to day is Saturday, I must send on board this day what little I have for you, or I shall lose the opportunity of sending the present month.

I wrote you a hasty letter in July & sent you my Paper on Hookeria, on Sabin's Plants & Agardh's Systema Algarum, a book not easily attainable, & which contains an arrangement of all that is known about Algae. My Paper on Parry's Plants (which indeed is the most full of all the Antis Memoirs), was printed when I was in London, but is not yet published, because the Astronomer of the Voyage is not yet ready with his Papers.

You will now have Brown's Supplement to Parry's 1st Voyage which you wished to have & which has been lying in my house for you nearly two months. I have been most anxious to send you some plants also; & now if I can find an hour or two to throw over some

artistic duplicates, I will certainly do so: - but I
am sadly at a loss for Mrs. Hooker's services. She
has been confined by illness more than 3 months
to her bed & she has been my most useful asser-
mentis on all these occasions. She has now
given birth to another child; but is so weak &
feeble that it must be long before she is res-
tored to her family. When she is, I will see
what I can do for you among Curiers: - though
I fear I have but few duplicates at this time.
Some Nepal ones I think I have; & if so, they
shall be yours, & anything else that may be
in my power to send you.

I am constantly working at my system of
Plants & shall make frequent use, I suppose you of
your excellent Flora. I hope your 2^d Part is
in the present parcel; for I have never yet received
it. I am well acquainted too, with the papers
in your American Journals on Botany. Elliott's
book I also have & some of his good plants from
himself. I hope you will be able to get plants
from the more inland parts of N. America, & espe-
cially from the country to the westward of
the Mississippi. Tell me if there are any hopes
of getting plants from there. I have now a good
lot of plants from Nuttall, like yours, still in the

views: & another from Canada in the same situation.
The ^{successions} my collections are now continual & from
almost all parts of the world. I am indeed obliged
to have a man whose sole employment is to fasten
the species upon paper for me, that I may put
them in their proper places in my Herbarium for
examination & description.

I shall be delighted to see the *Crostylis*, & shall
be equally glad to have the plant in our garden. I
am still much in want of good specimens of the Trees
& larger shrubs of N. America. *Nelumbium* has
been too I am greatly in want of some more *Schizocarpus*
possibly to figure.

I scarcely know what to do for you in the way of
Mineralogy. My friends Dr. Brown & Dr. Thomson
are almost the only Mineralogists we have & they
have correspondence in America, & I think with
you.

I have a Yorkshire friend, Mr. Lee:
to whom I will write on the subject & who
eagerly accepted an offer of correspondence from an
acquaintance of mine at Mendoza, S. America &
just sent him a collection. You had better say
what kind of minerals you wish & let him first
send you a packet.

I recommended Junison to
another friend in the W. India, but he has too
much to do to be an useful correspondent.

I address the little packet to you at New
York & this will advise you of its arrival.

I am, my dear Sir,
most truly & faithfully yours
W. J. Hooker.

1825

Dr. James
Professor of Chemistry
at the
Military Academy
West Point New York.
N. Y.

Prof. Haskel
Oct 5th 1825
Recd. Dec. 12th
Aug. 24. 1826

Glasgow. Nov. 9. 1825:



My dear Sir

I wrote to you by the last monthly Packet, and sent you Brown's Appendix to Parry's Voyage & mentioned that your parcel for me had arrived in the river, but had not come up to me. I soon after received it & return you my grateful acknowledgements for the nice plants it contains. Many of them have interested me very much: but none so much as the little plants from poor James' Expedition. I have examined them with great satisfaction & I wish I could give you any observations upon them that would be useful to you. Two, however, will do: just a flower for maceration & dissection & they are too precious to sacrifice entirely.

N^o. 1. appears to me to be an *Arnica* & perhaps *Arnica angustifolia* Vahl. & Hooker's *Parry's*?? Boy.

N^o. 2. An *Astragalus* or *Placa*, new to me.

N^o. 3. Perhaps a *Lathyrus*, new to me.

N^o. 4. Habitat of Castilleja: - but I have not a flower fit for examination.

N^o. 5. *Spice*, not far removed from *S. Umanis*.

- N^o. 6. *Chrodiola rosea*, foliis integerrimis. Show
the same var. from Greenland.
- N^o. 7. Sanifraga flagellaris certainly. See Brown
& Hook. in Sabine's Arctic Plant.
- N^o. 8. A fine Sanifraga with purple flowers, quite
new to me. Sprigs from habits for the show:
men will not yield one flower for examination.
- N^o. 9. Sanifraga bronchialis certe.
- N^o. 10. *Stellaria lutea*. Richardson & Hook.
- N^o. 11. To me a new *Arenaria*, not far removed
from the Swiss *Arenaria recurva*.
- N^o. 12. a *Lucie* or *Caromychia*; for I scarcely know
how they are to be distinguished. Show only
the upper leaves. The lower leaves will deter-
mine if it is a new species, as I suspect. I
think here there are 10 stamens; certainly 10 fila-
ments; but 5 may be barren.
- N^o. 13. *Silene acaulis*.
- N^o. 14. *Adoxa moschatellina*. Show the same from
Richardson.
- N^o. 15. I think this to be *Exyria acuminata*
notwithstanding the number of stamens.
- N^o. 16. A small umbelliferous plant, new to me; but
without the fruit I should dare to name the
genus. involucre universal? Partes, & folioli
lineari-lanceolata. Stems compositi, flavis, raris
nervi, raris hermaphroditi. Corolla, petalis aequalibus
apice incurvis. Stam 5 divaricata. Styli divaricata.
Cal. dentibus 5. Germen ovatum profunde sulcatum.

Tomy.

N^o 17. *Psimula acutifolia*, new to me.

N^o 18. *Androsace cuneata*, Tomy.

N^o 19. I never saw any plant like this. There is a large campanulate 5-fid involucre enclosing 4-5 flowers. The perianth is similar tubular, in bud curiously involute as to attachment, the base swollen so as to appear like an inferior germen. Stamens 5. Anthers large, yellow, 1 celled (?). Filaments monodelphous at the base so as to form an uncles around the base of the germen. Germen ovate, with 2-3 ovaries. Style long filiform, twisted at the extremity. In some points it agrees with *Arnonia* (which I am now going to publish in the Exotic Flora) but in others it is widely different. Perhaps you have good specimens.

N^o 20. *Falmonaria*. I presume diff. from *Colum. virginica*.

N^o 21. Have you fruit of this. A sort of *Graba*, but the ^{pistil} fruit seems to indicate its belonging to *Leptod. oligocera*. However, I am not sure.

N^o 22. I have depicted & drawn a flower, & this plant seems to me to agree with *Schwalbea*.

I hope your country will have Botanists engaged in collecting more plants in this interesting country.

Pray send me N^o 2 of your *Flora*. It has now reached me. Is any part of your second volume yet published.

My friend Mr. Traveleyan has written to you

a letter which I forward, upon the subject of Mine-
ralogy. Dr. Brown of Glasgow will send you the
minutes of this district: but he cannot say when, as
he is so much occupied in his profession.

Let me hear from you soon, for that always gives
me pleasure.

Yours ever, much faithfully
W. S. Hooper.



Re.

[Large decorative flourish]

Dr. Torrey
Professor of Chemistry
Military Academy
West Point
New York.



Recd. Aug. 28th 1826

1826

Aug 28th

Recd. Aug 28th

1825

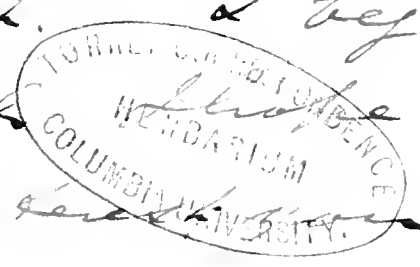
Prof. Sec. Acad. West Pt.

I put into Brown's Appendix some other plants from you.

is more acceptable to you, than it would be
now to see you, than a collection of
plants: a rejected one, just upon the sea and
then the same which winter he is now
to select them for you. I do, indeed, & wishing
I ought to have named them with: but
I have no time to do. I know that you
will not publish such as are new, and this
will be my, moving, & you are good to me:
you to attend to them in reference to the
plants you already have, & in order to do
anything but, in names to them. I have
just received the last letter that I shall re-
ceive from Dr. Richardson, which is
is on the other side the Atlantic. He has
been more successful in plants than in the
great object of our journey, & a great sum
money to from the Expedition.

You will see that, besides my other botan-
ical labours, by some specimens of plants
which I send you, that I am about to
undertake a "Miscellaneous Botany", des-
igned to revive, giving a description of
new or little known plants. I have long
intended to publish such a work, & would have
no pains to name it as valuable as I can.
I have already numerous specimens on my

you in a ~~un~~unfortunate, the arrival of many more
from various parts of the world. As a consequence
I am now intended to include such plants,
as we have not been able to cultivate in
our gardens & cloves. For they appear in
the Botanical Magazine which is now
wholly conducted by me. I have had
much to do likewise with the second edition
of *Botanical Art*. My former correspondents,
living in the south of Ireland, have been
able to render me no assistance in this, &
the whole has been revised corrected &
great ^{additions} corrections made to it. I beg you
to accept a copy, in which I hope you
will find something to interest you.

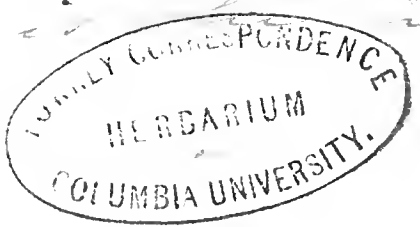


I am reckoning upon seeing the continuation
of your *Medland Flora*, & believe that your
intended removal to New York will further
your views on herbaria in our part some of our
own botanical interests. I am continuing
writing a removal too. The Director of the
Herb. London invents to have done in the
year to now of arriving to see the value
of herbaria in that view distribution. Then
I will be brought into a series of herbaria
& herbaria, & as they are of various kinds

... I have a very nice collection
... It is
... removed to
London some time during the next year.

You will think it strange that I should
not have received from the publisher one
single copy of the Bot. Appendix to Capt.
Parry's 2d Voyage. Had I so done it should
have been offered to you. All I can

now send you is a very rough, dirty
one than one?



Yours ever, my dear Sir,
most truly & faithfully
Wm. Hooker.

Wm. Hooker -
Aug 29, 1829.
Recd. from
by - (a Glasgow gentleman)
with books, & a collection
of dealer's plants

Recd? Augt. 30th at N York

Glasgow July 9. 1899.

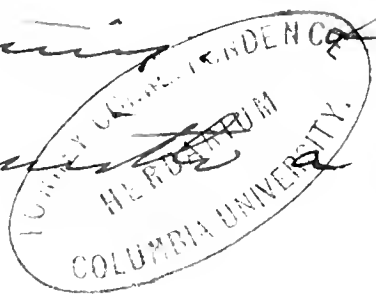


My dear Friend

I flatter myself this letter will find you in London: for although you had planned to embark at Liverpool for the U.S. on the 10th of July, I cannot bring myself to think that such will be the case. It appears only the other day since you arrived & how you can in this short interval have seen London & Paris & the great men & things of those capitals I cannot comprehend. I addressed a few lines to you at New York about 3 weeks ago by a Gardener who was about to emigrate to that city. He was not previously known to me but he was mentioned to me in very high terms by his late employer Lady Anniving Gordon, who has a most beautiful garden in the north of Scotland, & by her ^{uncle} ~~brother~~ Lord John Campbell. It struck me that such a person would be an acquisition if such a thing as a Bot. Garden were to be established. He will probably in the first instance get employment in some Nursery

establishment, & may there be heard of a
his qualifications too.

It is a pity you could not have
visited Cambridge during the meeting
of Scientific men; & I think it a still
greater pity that you cannot be with
us next June when the meeting will
be at Cambridge. I am pleased
with the account of what you saw in
London. I hope you were as much
gratified in Paris. You are in high
rush to get Brown to undertake
some of your interesting plants from
the Rocky mountains. I should be
wondered be pleased with a sight of
the specimens.



I recollect quite well putting some
bundles of plants into your boxes
which I hastily judged to belong
to you, because I saw your hand-
writing upon them. Had no inter-
view. I assure you of troubling you
with them: but now that they are

in a fair way for a voyage to America, I shall not be at all sorry to have my good friend Torrey's hands writing attached to the respective species, when he can find time to do so. Their value will be very much increased thereby in my estimation. You never told me if Northall was really in London. Agard, whom you did mention, I have seen nothing of.

I have led a hurried life since you saw me, with my lectures in addition to my other occupations & my excursion & with wife. My family is almost entirely at Helmsbury, where they have been indeed from the time you went away. I join them for the Friday & Saturday, when we often speak of you & the agreeable look for such visit we had from you. Your name will long be remembered by our whole of us, old & young. You will be glad to hear that all enjoy most excellent health. Little Henry has quite lost his cough; & every one is the better for the air & exercise. The boys have begun to attend to & they are mostly with me; but in 3 weeks from this time we shall all be fixed for the summer at Helmsbury. I say summer: for though we are now in July, till today we have as yet had no summer weather. Upon the 10th: or 12 days ago we were half frozen, & drenched

with rain almost every day of the summer
with the students.

I do trust you have had good account of Mrs
Loney & your family since you left Glasgow.
Soon I doubt not you will have the great
pleasure of meeting with them again.

May you have a prosperous ^{voyage} if you can
spare a few minutes; let me hear from you

ADD

J. Loney: as a Mr
New York

card of Dr. Booth
24. Lower street
London

GLASGOW
JUN 18 1844



before you leave our shores. Believe me
my dear friend, yours with mutual
regard & affection
W. S. Hooker.

LOONEY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

Recd April 4th -
Ans'd Apr. 8th.

Glasgow. Jan'y. 18. 1824.

My dear Friend

I have long contemplated
the pleasure of writing: - for I have
received the parcel of Books (from
Green) you sent me, together with
a letter; the last just arrived &
announcing a Motion in the Councils
now in the Press. Mrs. Hooker has
been much obliged to you for.

I did not think to be so hurried
when I did write. But my object in
doing so is to tell you that Dr. Gillies
has this moment introduced to our
Mr. M^r. Douglass who at the recommen-
dation of Mr. Creffern is going to
Liberia with a view of establishing
himself as a medical man. He
goes by New York. But his stay
here is so short (you see must be so)

Greenock this morning) that I have
no time to give him the necessary
directions & instructions for collecting
& drying plants. May I beg then
that you, who are so far off as
these matters, will give him ~~the~~ ^{an} ~~outline~~
vice: & then we may have a chance
of knowing something of the botany
of that most interesting country.

The publishers attending also to other
bundles of N. C. Hist. & I strongly
recommend his purchasing paper,
& apparatus of various kinds at
New York.

You too can procure him accu-
rate information respecting the ac-
tual state of Liberia.

My dear Friend I should write you
much more fully very shortly. We
are all well & often think of you

a sketch of you. My Father & Mrs.
Hooker & the boys & girls, are all
join in the kindest & warmest
kindest remembrance, with your
most faithfully attached

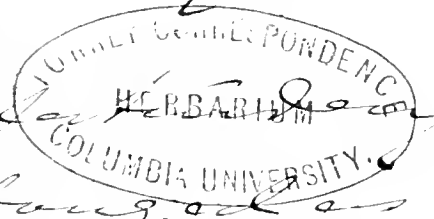
W. S. Hooker



Dr. Loomis
Professor of Chemistry
& Botany in
New York.
By Loomis M. P. Sanford.

To send what Mr. Wood
has, in the book
Loomis & Co. 1847
The New York
along the

Recd. Apr. 5th. in a
parcel of plants & books
brought by J. Mac Dowall of Glasgow. Jan'y 20. 1894.



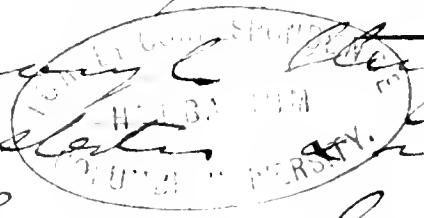
My dear Friend. Dr. Schumacher, while
Mr. Macdonald (Jack Mac Dowall) as I think
subscribed) was on the wing for Greenock
to embark for N. Y. by the John Dennis:
win, I would begin a few hasty lines,
with a view to make him known to you as
one desirous of obtaining all the necessary
information for collecting plants in Liberia.
and here he has no time to present himself.
Indeed I only know him from Dr. Gillies
recommendation: but he appears obliging &
intelligent & grateful & I am much pleased
with a letter I received from him this morn-
ning from Greenock, in which moreover he says
that on the ^{is determined} by contrary wind, it
can make the run to Liberia. He then
I wished to convey to you, & came up to down
to Greenock while the wind continues easterly
he will arrive it in time. Dr. Schumacher had
the pleasure of selecting some plants for
you from my B. N. Am. collection, such
as I have described since you were here, &
some from his herbarium; for I have been some-
what in the same habit: - & to show Schumacher
added Paul W. of Greeley & Paul W. of
Mr. Schumacher's letter of which I think much
have experienced since you were here. I am

still as you will see proper for him, & for
the pound must go by the Mail or I could
not insure its safety to Greenock.

And now let me thank you again, for
your two letters, that dated Dec. 15. &
that of Dec. 10th as well as, & especially
in Mr. Hooker's name, for the Stop of Interest
meets which came while I was in England
with Sir J. indeed, but which cost us little
or nothing. They are as usual. And
now my dear friend I have to thank
you for another communication as con-
vulsed in your letter of the 10th Dec.
though it has not yet arrived in Glas-
gow. The slide has not yet cleared &
done say - for I have a friend in the
Custom House, who always looks to
my interests at Greenock.

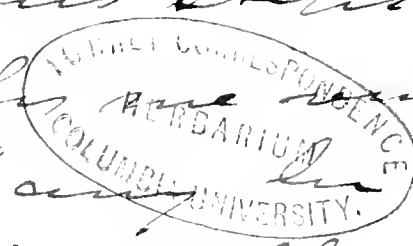
Your letter from "Portsmouth" never
reached me. So that I had only that
one letter from you which you did me
the favor to write from London. Till
I heard from you from N. York. I did
hope we might have seen you again &
it would have given me, one & all, some
sincere pleasure. Yet I do not wonder

at your anxiety to receive some satis-
faction after your terrible disappointment
in not finding Mr. Jones in Amherst. I
shall encourage Mrs. May to travel before
they are obliged with a family if some
they are to be so obliged & I should
like of all things (if all pass well) that
when they are old enough they should
visit the United States & from more
especially that I have a friend there
to whom one I am so confident, trust
them. William pursues Ornithology
during his leisure hours very steadily &
traveling, as far especially as dispersing
over, suddenly, & he has received public
honors from his Professors in the Logic
City's several times. Joseph as far as
human studies are concerned I have no
jealousy. He will be a good scholar & to
proceed he has added Entomology:
which with his visit with me to the
Agriculture in England, especially to
him & his own industry & presents
from Germany & Prussia as he has only
reads a very respectable volume of his
works. I have said less in the Mauritius
in the death of my long tried friend Mr.
Latham. His dying legacy of birds, plants.



be had & just arrived. Major & I other
Botanists in the island will be soon
substituted for Mr. Dalphin. There has
very long since you were away with
numerous collections, from N. & S. America,
from Mexico, from Texas (Gummwood)
from N. Holl. Van Der Land, Allai
Cape & the Holy Land: besides the
Vitis & Ficusaria Collections from Algiers
& the Levant. I am endeavor-
ing to name all Gummwood's Southern
states & Texas plants as well as I can:
but I am very deficient in authentic
specimens from those countries: that is
specimens from the Am^r Botanists. You
I am sure will give me all the help
you can with the Griffes & Cyperus
as I think you took a pretty full
set with No. 1. I am with you
and help the 2 bundles of Gumm.
I send you by mistake a book names
to them. I should like to have re-
ceived them back with interest.
You are very kind to offer to lay by
for me from your collections. The
parts of N. Am^r from which I have
had the fewest plants, I may say more,

at all, one Georgia & Florida & the whole
interior of Carolina. I wish some other col-
lector would direct his steps there. Dr.
Schweinitz will gratify me very much
if he will send me any from his
from his Maldivian collection. I
hope he liked the plants. I can
send him plenty more & shall
be happy to do so. You must have
an excellent conductor for your Herbar-
ium Dr. Gray. I wish I had such an
one. I have 2 persons come to plant
plants for me every evening & they
have been with me all winter yet
have made no impression upon my
unmanaged collection, which like
the Midway's case undergoes no di-
minution. I am glad to hear that
Dr. Gray will publish *Passiflora* of
the difficult genera. Do not fail
get your *Mosses*, which you proposed
sending. We shall make out a most
rich list of N. Am. Mosses from N.
all to the extreme northern Regions. I have
found patches from the middle states



them anywhere.

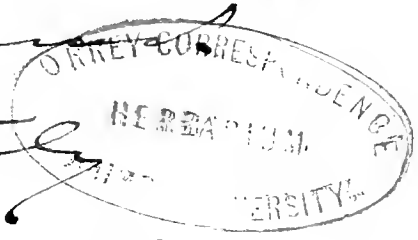
I shall send the Cambridge shows
to Amherst as soon as they arrive.
All here, Mr. Hooker, my father &
the girls & I have desire to be much
kindly remembered to you and
hope that Mr. Ferry will write
our kindest best regards. Love,

my dear Sir, your most

truly & affectionately

W. J. Hooker.

P.S. Do not be vexed if you find
you see a little Negro blood in Mr.
McDonald's veins. Remember, it is only
such that ^{can} expect to live in Liberia.





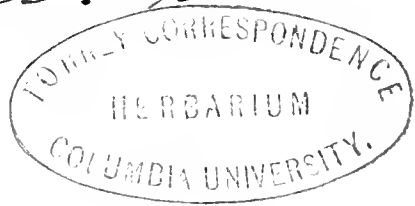
H. Loomer
Professor of Chemistry
& Zoology

with some New York
Plants & 2 Books.



Rec Feb 2. D. 1835.

Glasgow. Dec 1. 1834.



My dear Friend

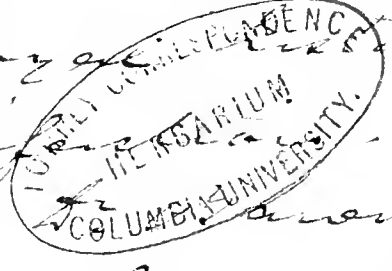
About 6 weeks ago I had the pleasure
to receive from you some very nice
specimens of New Jersey plants for which
I give you my best thanks. Some were
quite new to me & all most beautifully
preserved. I value every thing American &
especially from you. Your kind letter
gratified me all. Many thanks for your attention
to Mr. Donnell. A few Lin. African physicians &
I should well scarcely protest him from the pestilence
tail air of Liberia, from which our late accounts
have been very sad indeed. If he live I must be
willing to do something for him. He wrote a most grateful
letter from N. York to me & mentioned your kindness
to him with much feeling. I am glad the
plants proved successful to you. I must have
many more for you ere long. At this time I
can only send you the completion of Part
VI of Flora Nov. Americana & the whole of Part
VII. I include you also with a small bundle for
Dr. Yerkes & for Mr. Greene. We had the pleasure of
the company of this letter of Mr. Greene for some
time in the summer & autumn, but it was
while we were engaged moving into a new house
when I should be delighted to see you also. In your

obtain your portrait or a portrait of mine
in our principal room. Green was called on to
at the British Association Meeting at Dublin
has promised to prepare a report on N. American
Botany against the next meeting Aug. 1835 at
Dublin.

I regret extremely the loss of your Schumeyrii.
It has been to learn the death of Dr. Carey at
Singapore & of Dr. Gillis. This loss since last
week, diseased in mind, as well as body. I
hope you will obtain from the Executors of
Schumeyrii the plants which he has promised
you. Have you heard from one of Mr. Hall?
Do you think he will do much in Botany?
I hope he will cross the Rocky Mountains
south of Drummond's track or he cannot expect
subject to find much novelty. Indeed any
seen friend Lewis, you could find some
able collector who would visit the Rocky
Mountains south of 40°. There all the
way to Mexico is a terra incognita so far as
Linn. has done. And the extent of his
coveries you are best acquainted with. Is
Nuttall's paper on Calif. Myths, plants, etc.
printed? I am very anxious to see it.

Drummond has sent some succulent things
from San Felipe de Lerma, the best I have
have yet come. Green was much pleased

written them for he was present when I showed
the box. I have subjected some that you
are collecting animals from Georgia Florida &
I remember best thoughts of coming from by
Florida, but I have rather diffident been
from it, since I had your letter. I wish he
could reach the mountains of N. Mexico, but
it says the Indians are now hostile. So you
find much that is good among the Gypsies
& I presume you had from here. I shall
be glad of your account of them. Has Dr.
P. published his unfinished work on
Gypsies? I wish he had left it, being, as
a disadvantage to succeed Geische as Professor
of Geology in Dublin. My great satisfaction
in his giving great satisfaction.



I shall be glad to learn of your
views on the Willows. The collection of the
British Museum's collection now requires
attention & then will come the new world's
specimens. I hope you are given some portion
of your time to Botany through Chemistry in
the field work you do. Is there no chance
of your going on with the flora of the new
Hem. & middle United States? We do want
such a work as much of America. I have
been urging Green to publish a work like Dr.
Gill's Botany with plants of Am. Plants but
the outcry would be enormous & perhaps this

are not yet American. Botanists struggle to supply
book such work. It would however make a
most beautiful publication. My family has
only lately returned from the Coast. I made a
short excursion into Dry Canyon to visit "Cord" Fitz-
william at Westworth & the Duke of Devonshire
at his splendid seat of Chertworth, Devonshire.
Now I must work hard during winter: for I have
begun a winter course this season. All love me

Dr. Torrey
Professor of Chemistry &
Zoology
New York
U.S.A.

TO ONLY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

well & our & all my father, Mrs. Hooker, the boys &
the girls send kind & affectionate regards to you &
self & Mrs. Torrey. Love yours with
much affection,
W. S. Hooker

TO ONLY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVERSITY.

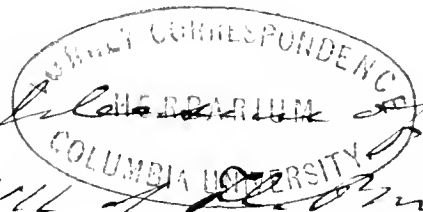
Rec^d. Feb^y. 4th 1835.

Glasgow. 11. Dec^r. 1834.

My dear Friend

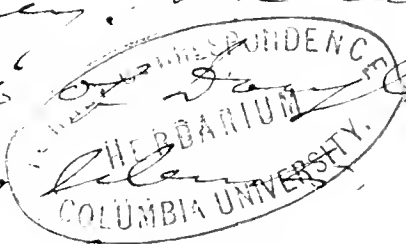
Dear Friend

A few days ago I had the pleasure of sending
a small parcel containing Part VII of *Edin. Ann.*
to a merchants' Counting House for you, on the very
day when the vessel was unmoored to sail. But
I then learned from the merchant that the vessel
would not sail till the 13th. I rejoice at this,
now that it gives me the opportunity of acknow-
ledging your two kind letters of Oct. 31. & Nov. 6,
together with your valued parcel of plants &
books, brought by Mr. McNeil. Your kind in-
terest made us all very happy by your constant
& affectionate recollections of us, even to the
very youngest. Your books are already in the
course of being read by their grateful owners (I
trust it may be with profit) & Henry Hammett's
interest & Mamma's use of American coal
&c are the admiration of us all. It is how
ever a large share in your friendly remembrance.
A Partner in the S. W. Company dined with me
yesterday. I showed him *Schoolcraft's* book.
He knew the author & praised him very much.
He is, says he, one who always speaks well of
us. I need not tell you how much I am
pleased to have the Memoirs of N. Hall, which
are peculiarly important to me & not the
less so for your pencil notes, & how thankful I



am for your beautiful specimens of N. Jersey plants,
Let me notice one peculiarly interesting plant, your
"Junus" triflorus. It is not so; but it is one that
I should as little expect to have from the state of
N. York: namely J. stygius. I have compared it
with Norwegian specimens & tis the same.

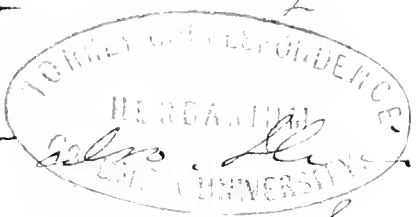
Nuttall is certainly a queer fellow & the English
Botanists generally complain, as well as you, that
he has not treated them well. He certainly does
continue to get us up to most interesting plants:
as I wish he would be a more liberal with such as
he may have in duplicate. His Peterborough
I recognized at once & I am delighted to see a figure
of the Lewisia. I quite long to hear the result
of Nuttall's journey. He will have been generally
to the southwest of Dr. Gray's heart & I doubtless
find many new plants. But, seriously, you
& the Greenes should send out an able collector
to the Rocky Mountains, the finest field
in all N. America; as the further south the
better. Some of the Fur Companies would
render him assistance & remove obstacles,
which would be serious impediments under
other circumstances. Had you with a collector
in Florida? & what is become of him?



I must write to Dr. Gray & thank him for
his most beautiful vol. of Gynerges. I will like
to send you half a dozen copies I think I can
do you of them. You shall see the Bot. Journal
where I have announced the work, &

will speak of it from any own personal know-
ledge in the next No.

Drummond I think I mentioned in my former
letter. He has certainly found some very good
things in Texas & I hope will find more yet.
Indeed we have had none of this year (1834)
collections yet. He cannot reach the main
lands, on account of the hostile character
of the Indians & he talks of coming home by
Florida.

To Dr. Bennett I shall write  yet
in good time with the willows: & I never
like to leave a person who is exerting
himself to serve us. I shall value
his remembrance of my collection very
much & sincerely hope his specimens of
N. S. Willows be kind enough to spare
time for me. Your names of *Gaylussacia* &
Cassia I prize very highly & I thank you very
much for them. Pray let me have also those
of Drummond's N. Orleans *Gaylussacia* at your leisure.
Does any body find *Crep. Drusei*? I have never
seen a wild specimen.

You have had a visit from Greene, I doubt
not on his way home. Pray encourage him
to keep up his botanical zeal. He & his Mother
are capable of doing much good. Again accept
the hearty good wishes & affectionate remembrance
of every one of us. Ever your most devotedly
attached & affectionate friend
J. Hooker

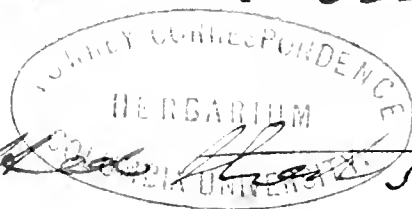
Dr. Lomney
Professor of Botany &
Chemistry,
New York.

Recd Oct - 17

in Dec. 8th

My dear Sir

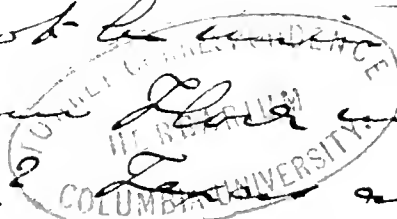
Yarmouth. Augt. 10. 1835.



I very much regretted that I could not write to you & send a parcel to you before I left home (10 days ago) for 4 or 5 weeks. But it was impossible. During the spring & summer of this year I have been more than usually occupied: for during that period I had to give 3 (instead of one) complete courses of Botany, & besides visitors in my house I had much to do & many publications to put into a state of forwardness. Then I have had much thrown upon my hands on account of the death of poor Douglas in the Sandwich islands & soon after again, by the distressing intelligence of the death of Mr. Drummond which took place in Cuba. This industrious fellow had done all that he could during an 18 months stay in Texas. At Christmas he returned to N. Orleans & embarked for Apalachicola. There he found he could not conveniently penetrate into the southern interior of Florida: so he took shipping for Havana, intending from thence to cross over to Key-west: - but it was otherwise ordained; my first letter from the Council contained the news of his decease. I wish heartily, as ever his & our institution, that he had kept to the mainland of America. - Bentham came & spent most of the month of July with us, & we came to England together. He joined his family in Derbyshire & went to pay a visit to the Duke of Bedford at Woburn.

beon Abbey, when one of the first things the Duke
showed me was a nice collection of American Wil-
lows from Dr. Bennett all growing very luxuriantly.
I am sure his grass will not be backward in ever-
ing's return. Already he has sent Dr. Bennett a copy
of the *Palustris* & *obovata*. I may give my
best thanks to Dr. Gray for his 2^d vol. of *Gram.* et
Cyper. Americana. I have noticed the work
in my Companion to the Bot. Mag. which Mr.
Curtis has undertaken with some sacrifice on
my part, as a sort of Appendix to the Magazine.
— but its continuance must depend upon the
patronage it meets with. Just before coming
away (about 12 days ago) I put into the hands
of an American merchant, Mr. Higgins, of Glas-
gow, 6 guineas, the amount of 3 copies, vol. 1
& 2 of Dr. Gray's *Grasses*, which he has under-
taken to lay into your hands in New York
and took a receipt from him accordingly. You
will know therefore from whom it comes &
what it is for, when you receive that sum.

Many thanks to you, my dear friend, for the
plants you were so kind as to send me & the
book for Mrs. Hooker. She & all the girls have
been visiting her during the summer months, &
they would have awaited my arrival only that
we ~~could~~ do not like both of us to be absent from
my father at the same time. Many of the
plants you sent me from Dr. Macdonald's collec-
tion were particularly interesting, & I need hardly

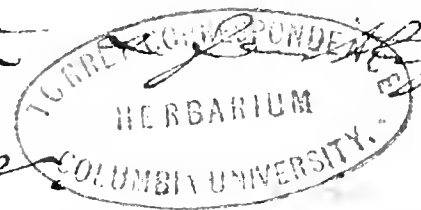
say that I prize the full collection of *Phlox* &
Chospora exceedingly. I trust I may be able to
send you something in return very soon & depend
upon you are interested in the Bot. of N. America
some of the good Polemoniads of Douglas & Drum-
mond's discoveries may not be uninteresting: though
I do not know how far your Herbarium will extend
to your fields in California?  I am as a part of
the United States I presume you certainly will
Drummond found a fine new *Phlox*, 2 species
of *Veronica* & several other good things in this
rather country of which I have drawings for pub-
lication. The *Phlox* is peculiarly beautiful.

As to grasses you are so eminently rich in them
that I despair of sending you anything new
to you in that department, and to which a
very large portion of my own private collec-
tion has been sent to Dr. von Eschscholtz,
who expressed a great desire to see it. But I
shall do my best for you. Three months ago
I heard of Mr. Nuttall's safety. He was on a visit
with my friend Dr. Gardner at Fort Vancouver
on the Columbia, & had made a very rich harvest
of plants on the Rocky mountains. I dispatched
your parcels to Gravelle as soon as they came &
I hope you will never think you would see where
ever I can be a medium of communication between
you & any of your friends in this country.
I am quite sorry for what you say of Dr. Green. I had
heard great things both from him & our old friend
Dr. Greene, concerning American Botany. but I see

that I shall be disappointed. What charming birds
you have sent me! They came in the most perfect
order & have moreover enabled me to remedy or remedy
nearly so all the mischief done by a Pinkie, on a
former occasion. I shall pass about a fortnight
in Norfolk & Suffolk, about 10 days in & about
London & then take the Steam-boat for Scot-
land, where I shall look out for a vessel by

J. J. Lane
Professor of Chemistry &
Botany, and
New York
U.S.A.

which I may send you something. Left my family
all quite well & I trust you & yours are so. We often
speak of you & of the gratifying visit we have from
you. Ever your truly affectionate
friend W. J. Hooker



Recd. Aug 15. 1846

and Sept 8/46

Glasgow. June 9. 1846.

My dear & excellent Friend, My friend Mr Sandbach of Liverpool has just called to say that he can take any thing for me to Liverpool, where there is such a ready means of conveyance to all parts of the world & especially to N. York. I charge him with Nos 7. 8. 9 & 10 of the Scot. Miscellany & my new Edition of the Compendium of Engl. Flora, which have recently appeared & at the same time I set down to address a few lines to you & to thank you most heartily for your most gratifying letter of the 7th & 8th of April & for giving me the opportunity of making Mr. Leonard's acquaintance. He spent only 1 day in Glasgow & that chiefly with me, but he intends returning here again & remaining some time. He shall have every facility that I can obtain for him of getting access to our manufacturing establishments: only as I tell him much caution must be used: for some of the Proprietors are exceedingly jealous of your nation: & the very first book that Mr. Leonard fixed his eyes upon in my room was a Book just sent me by a friend of mine, in which he endeavours to prove that if our government do not pay more attention to the interests of the Cotton Spinners &c. your Transatlantic Gentlemen will undersell us at the foreign markets. I think your friend will obtain access to all he wishes to see. We were delighted to hear so much of you & your friend Mr. Leonard who was not a little pleased to find himself seated in the dining room directly opposite the portrait of an valued friend. - I shall do myself the pleasure to reply to your letter of the 7th. The accounts of Douglas & Drummond's plans will all appear in my

Companions to the Mangrove. Douglas's *Desmodium*:
formian plants (of which I have several plates already
prepared) with follow after some little account of
his travels & travels and. Drummond's *Desmodium* ones
and form a separate paper from those of the
United States from which they are in many respects
considerably different. I believe perhaps not aware
that I have received a full set of Douglas's & Drum-
mond's Gramineae & Cyperaceae. I think too have
received many if not all the grasses: & I fear
I shall have some difficulty arising from their
different opinions. I should have been heartily
glad if all could have been done by our person
& of people that that person had been you.
But many of these things are common property
& are widely distributed: & you know my habits
to give where I can spare to any one, of such things
as are likely to be useful to our authors. An op-
inion of *Desmodium* which would be interesting to you
I would send it with the greatest pleasure. Another
volume of *Grasses* is worse than useless.

How strange that nobody can tell me anything
about the Hippocastanous plant, not even
Dr. Spence, who has written especially in that
family & who yet pronounces it to be an Hip-
pocastanous one. It is a tree in Texas.

I had not doubt but you would be pleased
with the Willows as being named by Moore.
I think the American Willows would form
a nice supplement to the D. of Bedford's Book
& I have suggested the thing & offered to make
the drawings. I think much in a change being.
He was lately in the Sandwich Islands. Fisker
has not sent me the plants yet. I should cer-

family like to learn Dr. Hall's Rocky Mountain & N.W. species, especially of such as he has named, in order to verify my own.

I rejoice to learn that you have resolved to prosecute of obtaining Florida & S. Carolina & Georgian Plants: they are the most interesting next to the extreme western ones. And of all places in America I wish a Collector to be sent to Santa Fé in N. Mexico. I was on the point of sending a very able one, Mr. Gardner, but so many offers of assistance were made if he would go to S. America, that I sent him off to Brazil. I would also make the especial request of Lord Edward Bessell, who will probably take him in his way to the Pacific.

The Bookseller Pichler appears in his affairs are settled & he is ready to go on printing the Flora Novae-Americae. The Parisian only awaits his order to put to press.

You ask if the N.W. Californian Cypress is of a kind. I spoke to me in one of my letters on the same that were sent to me for examination. I do not think I can give you an answer, because I have not had any sent but they are mostly unique with me, which I could not give to see a whole of course he could not with to examine, for Lindley's is I apprehend a full set of them. Indeed there are comparatively few in that country or else Douglas was more attracted by other things. There are a few from Gardner & Donnell (N. Cal. 52) - but they become still rarer in the north. Booth is working the Monograph of Cines of which he has seen & examined nearly 400 species. He asked the loan of all mine & every species I possess is in his hands at this moment. Booth has a few specimens in a number of native specimens of C. Fraseri.

Can you not procure stock? - Ask for any
thing of mine you wish to see and I am not
wondering at the price I will send them without
delay. I have just sent all my Gentiana &
Paeonia to Griesbach, who is writing a Monograph.
I am going on with my Californian dicotyledons
& shall have some pretty things for you soon - two
new species of *Stetsonia* - & Drummond has
another from Texas - As soon as I am certain
mistake about *Messembria* I corrected it - I
shall adopt your name of *Andromeda Cassini*. Is
not *Andromeda* N. 29, *A. rigida*? or *Jungia*? for
I cannot distinguish between the two. I am speaking
of the *Andromeda* collection. N. 11. is surely
Jungia elata, not *Tutai*. The *Lauraria*
Cassini Ell. seems quite distinct from any other.
It was not in flower at the time Drummond
gathered it.

I have looked at my N. 444. III.
Texas, a scleroid plant. My specimens (gathered on
paper) are very imperfect, but they shall be sent
to you if you wish. There was very little of it &
not a morsel now remains besides what is
my own Herbarium. I am extremely pleased
with Dr. Gray's Monogr. of N. Am. *Physalid.*
I shall reprint it in this country. We find
it sadly difficult to get the N. Am. *Journal*.
Silliman. I am not & would gladly give its
value for a copy in my own *Prof. books* (that
is, such as I can command) for the book vol.
& purchase the continuation. But it is too
dear to buy from the beginning since it contains so
much which, however valuable, is not botanical.

I had an idea to find that you are working at
your N. Am. Flora. I think you ought to include
Texas & all to the east of the crest of the Rocky
mountains, & all to the north of California: - thus
combining the natural & political limits. Texas
will be yours ere long, & though I cannot approve of

of them encroaching on our neighbour's territories. I
am satisfied Texas will never have a good government
till it is taken under your wing.

Give my best regards to Dr. Gray & thank him
for his letter. I will write to him soon. Mr. Webb
will be quite pleased if his Cyperus & Cyperus
are not fastened in a book. Some prefer them
loose.

My dear friend Alphonse Savary can
gratulate you on your being appointed to make
the Botanico-geological Survey of your State. I
wrote well to Dr. Presch, but you are the man who
ought to have this department. I long to hear
from you, if it were only to be informed on this
point: - & I should be very glad if some day one of
my boys might have the pleasure of accompanying
you in one of your most distant excursions. Mr.
Linn left us the day before yesterday for London
to join a little party of Naturalists & spend

the summer in the extreme N. of Norway, reaching
as far as N. Cape. You may guess with what de-
light the boys set out on this first distant
excursion. They both worked well during the summer.
William obtained the first fossils in the Mækerie
Medise Clays & possibly one of the first in N. Oden-
solly, & ⁱⁿ Arctostony (in the latter from Gray on the
nervous system).

This letter is my only
companion just now, Lady Hooker. You know
I did not see the distinguished compliment very cordially
to send me the insignia of the Royal Geographical Socie-
ty's Order, & did not see the further honor of inviting
me to reside in the tower of Tring Road & my father
& the girls are all at Helensburgh. But all are
well & did they know I was writing they would
be any expressions of their regard such as you
& yours.

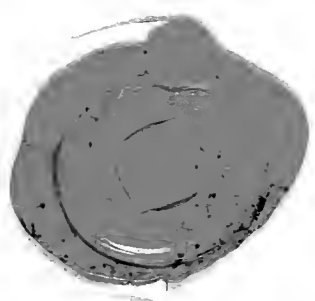
Believe me ever with the sincerest
regard & affection
H. T. Hooker.

Mr. L. J. Lawrence

SHIPP

Professor J. W. Huntley
at Portland
Main
New York.

[Handwritten flourish]



Recd. Jan'y. 4th 1837

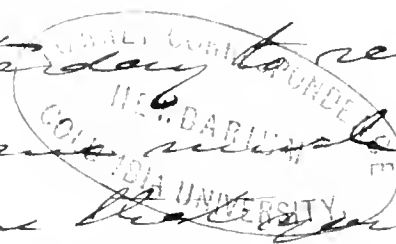
Am? Apr. 17th

Glasgow.

Nov. 4. 1836.

My dear friend

I had the happiness yesterday to receive your long & welcome letter. It gives me much agreeable news, particularly in telling me that you have received the government appointment to investigate the Botany of N. York State, & in the assurance that a Botanist is about to be sent to Pauline Lee. It is upon this subject particularly that I write to you thus early. You know how deeply I feel interested in the Botany of all N. America, from Mexico to the extreme Arctic regions. Nothing could give me more pleasure than to learn that you will send a Collector to the southern extremity of the Rocky mountains & rejoice particularly that you have fixed upon the person who is to be the Collector: & that that person is allowed to offer his collections to the public. I shall this day send £10 to your relative Mr. Shaw at Liverpool for my subscription towards his outfit. You, I am sure, will see that I have no gain & return as circumstances will allow: - but as I am aware that such journals are attended with some hazard, if I have no return I shall not complain. Should insects be collected I shall not be unwilling to take a portion of them, (for Joseph / practiced only Needles) - You are perhaps aware that the best mode of preserving Needles is to kill them & push them loose (without pinning them) in Paper, between layers of silk paper & with a little camphor. An immense quantity may thus be stored in a small compass & they can afterwards be pinned & their legs & antennae displayed as before, very beautifully. Please however, I trust, will assign the greatest share of his attention & especially the mountain plants. He will meet with Curstices, with much



doubt. May they that the seeds be gathered &
some of them sent to me (a little sand being mixed
with the pulp) & I will give them to our Duke
of Bedford, who is much after this family: & as
he has given 1000g. towards the promotion of
religion in London, I think he deserves something
at our hands. He is building a splendid range
of Houses for them at Woburn Abbey. His Bro:
the republican Duke (D. Marcell) is in high
favor with him; you having sent such nice Mel:
Lowe, which are of Louis being in England. I trust
Mr. Parker or Mr. Sandbach at Liverpool, will
explain to Mr. Shaw what has been done with
the nos of the "Companion" to the Bot. Magazine.
You ought to have reviewed them before your
letter came away. I shall run to send to

Mr. Shaw for you Nos 12-14 (15 & 16 have
not yet reached me) of that work, & also
Part I of my "Leaves Calista," which have
just appeared. Part ^{II} of Brechey is also
ready, but my copies are not arrived.
I shall go to you soon with some other
things.

I ought to have said that if your Collection
is successful about Santa Fee, I am quite sure
you may reckon upon 7 or 8 purchases here,
at 7 dollars (I suppose about £1.8) the 100
species. I am confident you will have
appointed one who dries specimens well.

I lately heard from Mr. Gardner, he was
just setting off for the Organ mountains &
intended afterwards to go to the Mines. It is
true that much has been done by Botanists
in Brazil - but not by British Collectors: &

our Herbaria are still very poor in the plants
of that region. Pray return me the dubi-
cate copy of N. VI. of *Flora Mex. Americana*. I
will send you the Index if you have not the
right one: - but by a stupid blunder of the
publisher (& he paid dear for his pains too) the
Index does not contain the species in the
last few pages, which he insisted upon
coming into the first vol. A full index in
the 2^d vol. will set all this right. Have
you not received from me Part VII. I shall
hail the arrival of your work on the Cyperaceae.
Nuttall cannot be expected to do anything
among your Conifers: but I assure you there
is an ample field for him among those
of the Old world & some that need to be des-
cribed of S. America. I am sure you &
Gray will have done yours admirably. I hope
you have given some figures. You
tell me Drummond's *Abies* *divisula* Saunders
is a new one. I beseech you to let me
have flowering specimens. For I have seen
only leaves. - I think if you get profu-
sion of Texas you will have a quantity suff.
of *slawery* & *Papery* too. - Many thanks for
making Mr. Leonard known to me; & very many
more for introducing to our acquaintance Dr. &
Mrs. Lish. I have rarely met with people in
whom I have felt more interested than in them.
Pray send us more equally good specimens of
your countrymen & countrywomen. My com-
pliments to Dr. Gray & congratulations on his appoint-
ment at the Museum. Tell me about Nuttall &
his discoveries & his journeyings. Trinius was pre-
vented from coming here as he expected to do. But
the good Fischer & his amiable lady have been here

ding some time with us. Willer's has returned
from Norway with a fair Journal, some good
drawings, collections & a pretty good deal of
enjoyment. He just saw North's. Joseph
is visiting his relatives & a host of Botanists
& Entomologists in England: but he must now
return for the Medical Classes in the College.
If my wish is granted they shall both see you
in the land of your birth. Tell me too all about
the Naval Expedition. What a glorious opportunity
for Dr. Chapman to exert himself! Let him ascend

Dr. J. J. J. J.

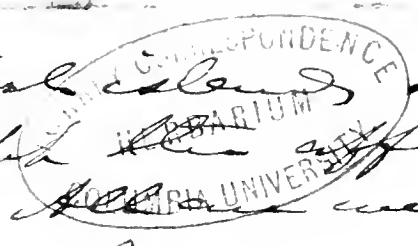
Professors of Chemistry

& Nat. History

New York

U. S. A.

the mountains in the Sandwich Islands & he will be
rewarded for his labor. Accept the affectionate
regards of all in this family. Always well & as
an continually in our thoughts & continually
spoken of. Ever yours with the greatest
sincerity W. J. Hooker.



and. Apr. 17. 1839

Glasgow. Dec. 6. 1836.


My dear Friend

I did myself the pleasure of replying
to your former long & welcome letter, soon
after its arrival; & now I have to thank
you for another which accompanied a
small parcel that your obliging relative
Mr. Shaw has just forwarded to me.
The little parcel for Annotto I have for a
part had to him as usual. The (inclosed)
proofs of your Cyperacea I heartily thank
you for & shall notice ^{in the} forthwith in my
Journal. I must give Dr. Prott a peck at
them, that he may see how well you have
labored on the American Cereals.

Along to know more about your N. Yems from
Flouder. I have no *Taxus mucifera* from China or
Siberia. I have what Wallis calls, doubtfully, as from
the N. of India, which may be the same, but the
leaves are longer & there is no perfect fruit. *Fraxinifera*
assumed of the fruit is "Fraxinis exterioris facie Neri Aere
vel Juglandis tunicato similis; Pericarpio corioli exterioris
nitidissimo, herbaceo coloris, striis pallentibus variegato,
carne molli fibrosa, saporis balsamici nonnihil ad-
stringentis, et lingua apicem à brevi usque mordentis,
cuius maxime inclinat oblongo-rotunda, teres, et inae-
qualiter bibrinata, saepe atque ~~curva~~ curva, rursus vel longior
longior, alterutra vel utraque extremitate cuspidata,
superficie obsidate albida vel aenea, quodammodo striata
et inaequali, hinc putamine liquoso, tenui, fragili. Nucleus

Large conclusions scaberrima, sicut tomentis et folliculis
obvolutis et argenteis, non dividens, substantiam
obtinens nuclei axillari oleosam et dulcem, sex
cum insigni adstrictione; quae in recentibus tanta
est, ut usui non sint.

You say, "pray send
me a specimen of the new Coniferous plant from Texas?"
I am not quite sure what you mean. I have among
my "Planta dubia" from Texas, some sort of Willows -
like branches, & apparently an amentaceous plant.

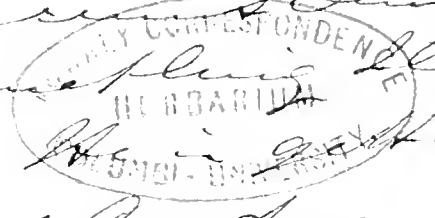
There are only 2 or 3 young silly leaves at the apex of
the branches. Plenty of catkins, like those of a Willow.
In each scale of the male catkin are 7 or 8 short stamens
In each scale of the female do. 1 pistil  with a ca-
rucious style; each ovary with one pendant ovule!

If I have spoken of this to you (which I do not re-
collect) I must unintentionally have called it
Conifera. If this is what you mean you shall
have specimens, if any remain, for I am very
doubtful. Indeed the specimens are so odd &
new-looking & unintelligible, that I almost
doubt if any are distributed, as I may have
put into the fire all but my own specimens.

With my last letter I sent you, through Mr. Shaw,
£10 as my subscription towards the collector who
is going to Santa Fe. I pray set down the
names of Mr. Graham, Mr. Hartman, Mr. De-
ling, & Mr. Wink as subscribers for a set
of the Plants.

I have announced this cir-
cumstance in my "Companion", & I should have
there will lay & bye in many more publica-
tions. I mentioned the matter to the Duke
of Bedford, who has to day sent me £10 as
a contribution to this expedition, and with
the understanding that his share of the collec-

tion may be living plants & seeds. Now, my
dear friend, do arrange that the person be allowed
to collect for the Duke of Bedford seeds of land =
some plants, Orchids of do., ~~or~~ but above all
Cactuses (of which several are ~~mentioned~~ ^{mentioned} and
inhabiting the country by James, & cut =
large or small roots of Willows, & of thin
can be accomplished, draw upon me above,
through Mr. Gleason for £10 on account of
the Duke of Bedford. Indeed his Grace
is a most munificent patron of Botany &
has given me almost an unlimited order
to pay money what sum I please for
him. And it is in this very circumstance that
I ^{make an arrangement} to secure for him in return something that
may be interesting to him. He is getting
together a noble collection of Cactuses,
& those of the southern states of
N. America & of N. Mexico would be par-
ticularly desirable. The jointed species
had better have cutting's rather of them at the
joint, the globose ones, should be taken up
carefully, freed from soil & both will travel
freely in a box with dry saw-dust, showing
on anything to keep them from bruising. Be-
lieve me to the seeds vegetate freely
if it be desirable to send such things to
glend from S. Louis, they can go to New Or-
leans in my name to the care of W. C. Myhre Esq.
with Messrs. Ferristown's N. Orleans, with a re-
quest that they would forward anything for
the Duke of Bedford by just his V. & Co. of
C. Parker Esq. (with an invoice) —
I suppose your favored plants have nothing to



do with Podocarpus. — Hope before this
reaches you will have received my little
parcel & also that you will have received
the early nos of the Companion sent to you
through Mr. Parker.

We are all well save that William has
taken the small pox; but I am thankful to say
he is recovering nicely. We have had the rest
revaccinated. — And with kindest regards

J. L. Lovey
Professor of Chemistry
& Lake University
New York
U.S.A.

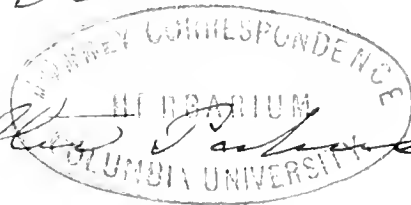
for yourself & family from all of us & believe me
we are your attached & affectionate friends
W. J. Hooker.

I shall be glad to hear more about your
James Naval Scientific Expedition. It does
honor to your country. Graham wrote some time
ago requesting a set of your Collected. Are they sent?



Recd. May 18th

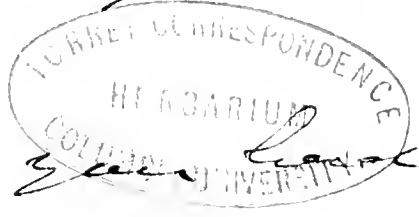
Glasgow. March 22. 1837.



My dear Friend. I see by ~~the~~ ^{the} ~~last~~ ^{last} ~~number~~ ^{number} that a vessel is announced from the Clyde in a day or two for N. York, & I am anxious to write to you, to send you & one or two other friends a little parcel & to thank you for your last most welcome parcel. I think it is your last kind letter which is now before me, dated Sept. 1836. So that I did myself the pleasure of replying speedily, because I was anxious to contribute to the expenses of the Collector you had found to go to Santa Fé, & to show in his discovery, I sent £10 for this purpose to your friend Mr. Shaw, who acknowledged its receipt: & I also informed you that if the person would collect seeds & living plants & especially Cacti the Duke of Bedford, to whom I wrote on the subject, would send £10 also. Indeed I begged you to draw upon me at once for the amount if a return of that kind could be made. I have now to say that Mr. Webb (P. B. Webb Esq. of Paris, author of the Botany of the Canary Islands) wishes to have plants from the Collector & will either subscribe £5 or rather more at the price stipulated which even may be made agreeable to you or to the Collector. If all

the money for the outfit was raised previously
by his department, perhaps it will be as well if he
takes the specimens at so much for 100. I have
also from Mr. Webb, L.L. for Dr. Gray for his Gray:
see which I shall pay at once to Mr. Deane
for you: - I have an order from Mr. Christ:
by for another set of the Gramineae & Cyper:
see if he can supply it. I am also desirous
of obtaining Dr. Gray for his introductory
work on Botany which is much highly credit:
table to him; & I would write to him; but
from what you said in your letter I cannot
but think that he is embarked in your great
maritime Scientific Expedition to the South
Sea. To Dr. Bennett I must write a
few lines: - for he has kindly ^{sent} to Moore & to the
Dr. of Deadwood Willow - cuttings at my request.
To the latter also he sent plants of *Budsonia*
sericeoides. but they unfortunately perished
in the voyage - & the Duke is so concerned
at this loss that I have promised to ask
both ^{you} & him (to make them sure, though one
sending is of course enough) for some more of
the plant. I think if packed in *Sphagnum*
moderately moist, it would bear the voyage
well in a common box, & it might be directed
to his Grace the Duke of Bedford, Woburn Abbey

one of C. S. Parker Esq (Gardner, Parker & Co) -
or to any Liverpool House. A letter should
be written to the Duke to inform him of its
being sent & by what vessel. He is so enthu-
siastic an Horticulturist, that it is really quite
a pleasure to do anything for him. His Garden
will be a splendid set: & I know the South-
west of North America will produce many
new & excellent species.

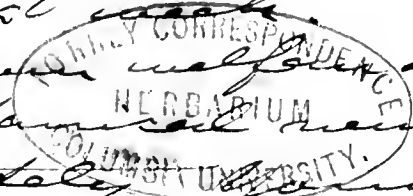
When you wrote to me  you had not re-
ceived my little parcel of Books; - but in
Jan^y I had a letter from Mr Greene telling
me that he had received what was des-
igned for him of your parcel: so that I
am sure yours is safely in your possession.
I have now to beg you to accept Part II of
my little "Icones Plant." & Nos 16-20 of my
Bot. Journal. I think too from a memorandum
I made that No 11 of this latter work
was not previously sent to you. That I now
enclose & I must trouble you again with
a little parcel for Mr Greene & a still smaller
one for Dr. Peter. - Nothing yet from Dr.
Pickering & that is I shall allow.

I have a beautiful set of Plants for Part VIII of
Flora Mexicani-Americana, especially of Guistanae,
but Prichter seems completely unable to go on with
it. I am tempted to get another part of Gray's
which I send you. Pray return the subscription of

P. M. of Th. I. M. Am. I hope I sent you Paul M.
Brislet's beloved strongly & altered his mind again
& again as to where the 1st vol. should terminate.
That account for 2 indexes, one of which ought
to be cancelled, the other with pages 329—357^{1/2}
should be preserved. But, after that index was
printed Brislet would have a few more
pages printed, of w^h the names could not be
introduced into that index. I did not care
much about this, always intending to give a
complete index at the end of the work. Lady
Hooker & all my family join me in the very kindest
& most affectionate regards to you. She in particular
sends her best thanks for some delicious sweetmeats,
all the jars of which arrived in perfect safety, save one
that some of the neighbouring packages, with sugary
bits, had been touching, but hardly not to that degree
as to affect them internally. I shall notice Dr.
Gray's method in my Journal.

We have, nearly all of us, been suffering, more or
less from influenza, during our very late exceedingly sickly
winter: & my father met with a little accident from
which he is happily quite recovered. He fell, over a table
at the Quay, with his face foremost on the hard stone
 pavement, & cut his nose across, which occasioned
a most profuse bleeding. But he was able to walk
down from the Apothecaries' shop from which he was
taken & felt no pain or inconvenience further than weakness
of his legs. The boys are pursuing their medical studies &
the girls are looking for finer weather that they may enjoy
the country whether they are going next week.
Let me hear from you soon; if you will send me that
of your family & give me all the botanical news you
can. Ever faithfully & affectionately yours,

W. J. Hooker.



Of the enclosed parcel the few
books marked outside I am for
Dr. Torrey. Yrs. fr. Dr. Greene.

The rest

Icons Filicum. 2 vols. 64.
Compt. G. Bot. Mex. vol. 1 & 2.
C. & M.

Bot. of Mesler's Voy. Parts 1-5.

Bot. Journal (1. vol. finished).

Brit. Jung. plant.

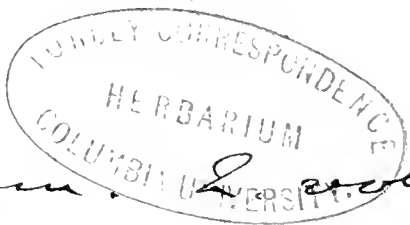
Musci Exotici.

Icons Pl. Part 1-3.

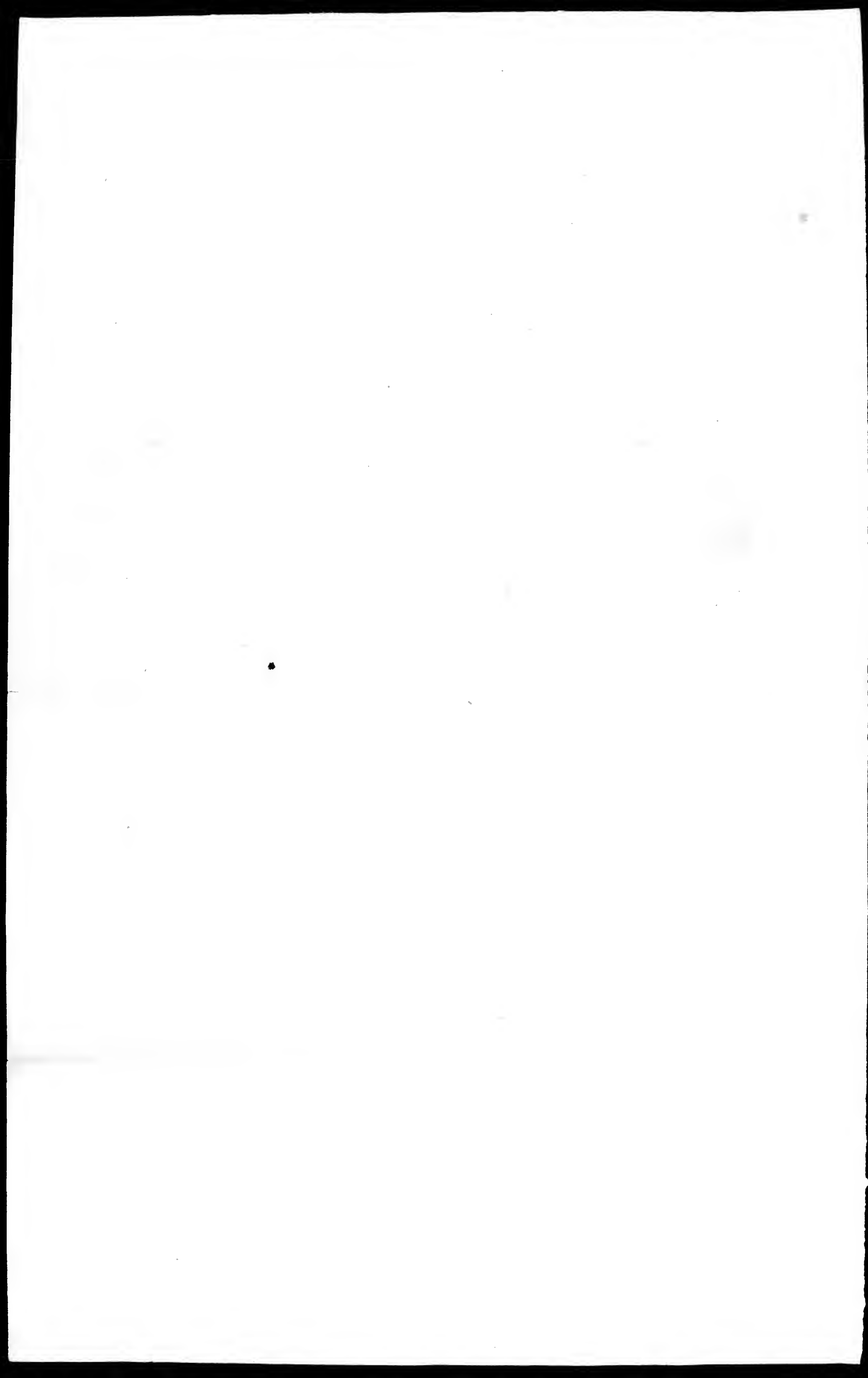
are for exchange with Prof. Tilli-
man, if agreeable to him & he of
course will bear his proportion of
freight. in haste, with setting
off for England.

W. J. Hooker.

Glasgow. July 29th 1837.



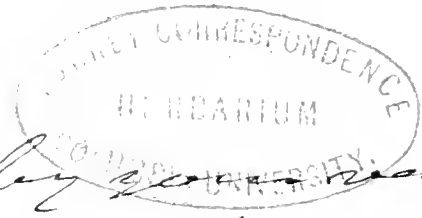
27 Nov 1837



and by Dr Gray

Glasgow. Aug. 6. 1828.

My dear friend



I was much gratified by ~~your~~ ^{the} ~~valuable~~ ^{valuable} letter brought by Mr. Shew, & delighted to think that we are now only 12 days voyage apart from each other. Thank you for all the news you have given me & the things you have sent me. Of the latter that which was brought by Mr. Shew has alone, as I presently, reached me. The rest will be here in due time. I do congratulate ^{you} on your being fairly under weigh with your useful Flora, which I suppose will be the most comprehensive one ever published. And then what lots of new things you have from Nuttall! He seems none of my letters & refuses all intercourse with me: yet I think we might have been serviceable to each other. For you my dear Sir, I shall be most happy to send anything that lies in my power that may interest you: & indeed I have already done my best for you in looking out from Franklin's & Douglas's collections, which have been lately published, a set of the rarer kinds, that is second to none but my own: - though I fear that as far as Douglas's portion is concerned you will have now ~~been~~ received more, & better, specimens from Nuttall. Two packages are made up for you & were sent to the Office to be forwarded by first vessel: but when I called myself at the Office I found that the first vessel was only going to Boston: so as there were some things in the second also for Green I altered the address & wrote to Green & begged him to

This found your to Boston by the 3rd August

books which belonged to him & forwarded to you
which were marked for you & Prof. Williman. I received
a letter No. of the Journal lately from Williman which re-
assured me that the little negotiation had been effected
& I thank you for the trouble you have been in it. You
kindly kept back the copy of Beechey & mentioned that
Dr. Gray had taken it. But my good friend I cannot
will not allow him to say for it. With the present I
and I have sent him & you the continuation of that
of the Flora & Am. Americana & the some Mountain
of which two ~~parts~~ ^{works} another part is now just com-
pleted. You will also receive a copy of ed. of my
British Flora - Nos 1-5 of Journals of Wash. D.C. &
& Nos 6 complete the Camp. to the Prof. May. some
our ^{No. I.} ~~articles~~ which I have been obliged to forward for
& which will consequently go in next parcel. Also
there are ~~some~~ certain things for Prof. Williman &
for yourself & your some copies of your Voyage.

You see I am not idle. How grieved I am that
the expedition to Santa Fe was obliged to be given
up. You did not see in so determining no doubt
but I did reckon most exceedingly upon having
some of the plants of the southern chain of the
Rocky Mountains, which must be exceedingly
curious. Messrs. Shaw & Purse say they know
nothing of the Duke of Bedford's Will: - but I shall
write to them again & I dare say there will be some-
thing of the transaction: or you will perhaps be so good
as to do so. - There is however I think no objection for
you to trouble yourself: for I give, by me, this letter
from Mr. J. Shaw or acknowledging the money I sent for
myself & that for the Duke of Bedford. So that
all will be set right. The sum is indeed a trifling one
to Dr. Gray, but as he is pleased to consult me in
the employment of money in that way & will be a faithful

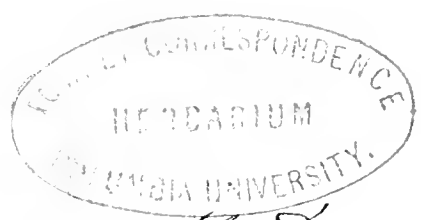
Stowers & the more so on account of his unbounded
liberality. He has now actually given me £250 to
aid in Gordon's expedition into the interior of Brazil.
He is now publishing his collection of *Pines*: & on
Monday next I am going to send him my artist
for a month to draw Carter for him, which he will
also publish. He was much pleased with your offer
to send him *Hudsonia tomentosa* & thankfully ac-
cepts it. Just added the name to "His Grace the Duke
of Bedford, Woburn Abbey, Bedfordshire," & it will
soon reach him by post by a good steamer, or a home
one on either. ^(Pack a letter with the same name) I should like to see *H. ericoides* even come in
your way that would be very acceptable too.

Thank you for having retained the duplicates
of the *Comp.* & the *Pl. Nov. Am.* I have been won-
dering exceedingly where they could be, for I had ^{now}
to give away. This new specimen I left the
drawing up of the name to Joseph & stamped him
as up such copies as I needed in a light. But
that my dictation all up, supposing they were not
lost: - & I could in no way account for their
appearance.

Another has been laid by
safety from a little accident, the breaking of the tendon
in his leg. But he is better now & at work again on his
E. Indian Nov. Lindley has just published 2 *Tables*
and *Nov. Conclusions* & an excellent work on *Medical*
Botany. I spent some time with Brown last year,
and went twice to London in the autumn - & it
was the 2^d time that I succeeded in making arrange-
ments with a new bookseller for the publication
of the rest of *Presley* & of the *Pl. Nov. Am.* & of a
new work of *Bowen's* *Plants of the* *Islands of Texas*.
I am sorry I have not the *Sketches of* *Publications* & therefore
send you an account of his *Unquodra*, now as I sup-
pose the book is in Scotland. I believe my copy is in
your hands. But it is not as easy to get books from Paris as
from the States. It was *Princeton* that gave me the information about

Magracia. I have written Oliver for a copy of the
 count of that genus & you shall soon have it, & any
 thing else I can send you. I wish you could repeat
 your visit here. We should all be so glad to see you & the
 letter of the speaker of your with true affection. He is
 well & writes his 85th year this day. We were much
 pleased with Dr. Richardson of Charleston, Carol. who
 spent some days with me last week. Mrs. Lady Hooker
 did not see him. He & my 3 daughters are all in En-
 gland, I with their mother at Exmouth & the eldest

Dr. J. J. Torrey
 Professor of Chemistry
 Botany
 New York
 U. S. A.



at Exmouth with an Aunt. William is now in the U. S. & very
 fond of his profession. Joseph will be a Naturalist. He is now
 botanizing in the West of Ireland with Dr. Graham & a large
 party. He is then going to Newcastle & to visit Dr. Smith
 and son at Haslem Hospital. Has Dr. Lish published his
 tour in Europe? or is it void? as I should expect from the
 rest of the man. My own companions, my father & William
 are in much affectionate regards to you & all that are dear to you.
 Yours ever attached W. J. Hooker.

Auntley Gray Glasgow. Sept. 3rd 1838.

My dear & excellent friend.

To day's Liverpool Steamer has brought
me 3 Boxes & a parcel. One Box contains
two from my dear friend Perry & the parcel
from the same friend. One of these Boxes con-
tains the Books in excellent order from Dr. Sill-
man. The other contains nice plants & sundry
interesting pamphlets &c. & the little parcel con-
tains the first part of your N. Am. Flora, which
I read with great joy & shall notice soon in
our Annals. Arnott's letters will go to Arnott
& the little pamphlet to the Zoological Editors of
said Annals who will be much pleased, as is my
son W. with the collection Dr. Gray has kindly sent to
him. But before I proceed further let me be per-
mitted to offer my congratulations to Dr. Allen Gray
on his appointment to a Chair in your new State
& University, & also to say how sincerely glad I am
that he is coming to see us this Autumn. As your
friend this house shall be his home while he is in
this part of the country & as an excellent Mother-
Dowry he shall be warmly welcome. If he
comes while the fine weather lasts let him give me
his notice that I should be at Inveresk (my little
Highland cottage), where my family will probably
mostly be during the Autumn. But his only pleasure
will be to sail from here; & as I am continually going backwards
& forwards. Let him come when he will I shall be
delighted to see him & to get him & your herbarium of
my duplicate plants. I did send you some & some

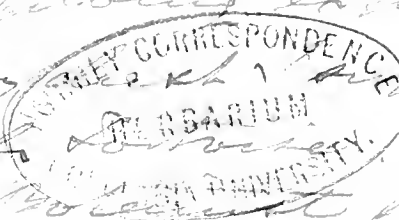


books a little while ago. I am daily expecting Park
V. of my *Scots* ~~Flora~~ *Plantarum*. Park X of my
Flora *Grav. An.* has been some time printed: but
this plates are not quite finished. They shall both
go to you as soon as possible. I would scarcely
advise you to send any copies of your *Flora* for
sale to Scotland. Park & Hooker there will be some
bookseller appointed in London for the sale of
it & that will be quite sufficient. If it were
any more to be done at once I & other friends would
gladly offer as a medium of disposing of them: -
but to get in small sums is what a regular book-
seller or agent alone can do. I know how difficult
it is even with regard to *Gardners* & *Drummond's Plants*.
Some are 2 & 3 years before they pay. Some die & do
not pay at all! One bookseller in London, of his
name is unrecalled, is quite sufficient for all ^{Britain} England,
& there are a good many Protestants throughout the
country who must have it. I almost wish you
could have got it all out at once: & I doubt if this
sale will be satisfactory till the work be complete.
To be able to say that a work is finished, has a great
charm with the public.

Poor Croon! I heard of his fate from Dr. Bachman.
I shall, now that you have given me the means,
say something about him in our *Annals*. Can you
not help me to a flower of *Saxenensis Drummondii*?

I wrote to you some 3 weeks ago. At the same time
I sent to you a parcel I am sure you had seen from New
York & Boston: but learning that the parcel would not
be sent to N. York unless to Boston, I sent the
parcel to our friend Green & with a letter to forward which
was for you. I also, since, received your letter of June

25th, wrote to the Editor of Bradford to tell him of the failure
of the Santa Fe Expedition & that if he would furnish an
encompass of mine to Messrs. Sheno & Vassar they would
return him via Bill. This was in connection with
your remark, that the Editor of Bradford's Bill was
not aware & that these Gentlemen wd return the
Bill. I then said that the extent of your
letters of mine to me dated at a certain period & as
acknowledging a Bill received by them from me on your
account. But they say with these letters refer to my
Bill the one acknowledging when they, the other when
you received it, & that they never received the Editor
of Bradford's Bill. This I don't say in all my time,
& perhaps I sent his Express Bill at once to you &
that you have got to return it to me through
Messrs. Sheno & Vassar, as it is not so? It will be soon
settled correctly I doubt not. It was your saying
that your kind friends would pay it on demand,
which induced me to suppose that the Editor's Bill
was with them.

I am glad the exploring Expedition here at Cayth
sailed. The Treasury is removed from
the care of the sluggish . But you have not
told me who is the Treasurer that accompanied it.
I am wishing for just such an appointment, that is
surgeon & Naturalist, if they must be united, for my
service here, possible. He is now staying with Dr.
Richardson at Havelock. He is now staying with Dr.
situation Dr. R. is removed from Chatham. I was
much pleased yesterday at hearing a sermon from a New
York Disciple & clergyman at our Chapel. If I understand
rightly it was a Mr. or Dr. Schouder, but I am invited
to dine on Wednesday with friends, where I hope I
shall meet him: & then our discussion shall be an
enquiry after you & your friends.

Many thanks to Dr. Gray for the nice specimens of
the *Hyphomys*, & of your collection; & for the charming
specimens of *Bombus* you have sent.

On casting my eye hastily over the plants I have concluded
 to presume to receive from you I find that *Verbena rigida*
 is *V. stricta* Berk. & Hook. in *Comp. Bot. M.* You
 "*Psoralea brachyactis*?" is not (as you ^{rightly} suggest) mine, but
 a very different plant which I also have from Deless.
 What I found in your *Sed. succulenta* as "Trav. ex. m."
 center is *Ps. brachyactis*. The true *P. succulenta*
 I have from you & from Deless. You do
viscidum, peruviana is not so herb. & looks it to be
Sonch. polyglabrum, ^{doubt} *S. striatum*. Dist? ^{Stems not looked.}
 without a name is *T. Colosa*, *foliis angustioribus*.

GLASGOW
 PAID BY
 S E
 1838

SP7
 1838
 M

Prof. J. Thomson
 & *Porter*
 New York
 Dr. Thomson

Would not wish of London in a good & respectable book
 seller for your flora? & have in no connection with the books
 seller at N. York? or should you advertise such to
 the *Bot. Periodicals* &c. Mr. G. Miller joins with me in
 friendly regards & good wishes to you & all your family.
 Believe me ever yr. sincere & true friend
 J. S. Hooker.

Glasgow. Nov. 1. 1838.

My dear Sir

I have the pleasure to receive this morning your kind letter of the 8th of this month together with the sheets of your excellent Flora, which however, ~~as I regret to say~~ are not continuous. Pages 241 to 248 inclusive, ^{are wanting} I very heartily in mind when you send the next parcel.

I am heartily glad we are so soon to have the pleasure of seeing Dr. Gray. My £10 you propose to send by him is a matter of no consequence. I wish you could help me to explain the matter of the Dr.'s £10. His very liberality makes me the more anxious about it; & its being a Bill - for if it were cash I could easily replace it, though I might by so doing, be paying dear for what is, after all, some blunder of my own. But the Dr. did send me a Bill on Coutts for £10, & to the best of my belief I forwarded it to you, or for

you, through your Agents. I did not wish
you ask to have it cashed, because if not re-
quired I knew it would be returned, & if required
I believed a Duke's Mill on Courts would be
very good even in America: so my in-
tention was it was sent on to you in the
form of a Bill. I know I sent it away,
& if you could lay your hands upon my
letter in which I mentioned it, I think
that would settle the point. Messrs
Shaw & Knorr are most obliging in of-
fering to do anything in their power: -
but with the feeling they have, that it
did not go to them, & not being entered
in their books (as they assure me) I do
not see what more they can do. I thought
I had found them in error when I laid
my hands on two of their letters, of dif-
ferent dates, each acknowledging the
receipt of £10. These letters I sent to them
(as they have them still): but in answer
to them they assure me that one was
to announce their having received £10,
the second your having rec^d the same
£10. But this I should not have inferred

from any expression. But indeed I do
not know we can ascertain the matter, un-
less your husband shows our letter by you
when I mentioned the fact: - & what I
there said I did with the Bill, that
I said. Perhaps you can ask them to send
those 2 letters of their to you & you will
see how far they tally with your recol-
lection. I am really sorry to trouble you
thus in such a matter. It is possible
I did not send it through Vaux & Shaw; -
& so I lay you to be assured that I attach
blame to no one but myself, for doing
the thing so carelessly.

I did myself the great pleasure of writ-
ting to you pretty fully lately & sending
you some more of my MS. lubrications.
& I troubled you with some little matter
for our friends. My son William being
now a Professor he is going to Cambridge to
consult with Dr. Christison on his Latin
Books &c. Joseph is working at the same table
with me & putting in order my Van Dië-
man's Land & Coats, ready for publication.
My Father is reading a Bible with a course
book (as the book employed of all of us) Lady
Book & the Girls Cecelia Maria who is in Eng.

glad you are still in the Highlands. I left them
on Monday & join them again on Saturday.
We all contribute well & my two companions
join in affectionate regards to you.

I should be glad to hear that Mrs. Schank
had arrived at Boston. It is long time
she should be there: but the steamers
make all other modes of conveyance seem

NOV 18 1853
BOSTON

Professor of Chemistry

& Botany
New York U.S.A.

BOSTON
MAY 18 1853
SLIP

tedious. Pray believe me & shall remain with
much regard your affectionate friend,

W. J. Hooker

23

Glasgow. Jan. 1. 1839.

My dear Sir

LIBRARY
NEW YORK
BOTANICAL
GARDEN.

To Mr Gray much
I am sure he knows
to you by reputation
& by his labors in
your favorite family
of Gramineae. He is
about to visit - Peter-
burg & will be delighted
to have the honor of
making your personal
acquaintance & to
be allowed to see some

Given by A. M. VAIL, from The J. J. Crooke Collection
MAR 4 1897

part of your collection
& that of the Imperial
Museum.

I beg you to be assured
of the high regard &
esteem with which
I am,

my dear Sir,
your faithful &
& obedient Serv^t

W. J. Hooker.

To Carl Bernhard von Trinius (1778-1844)

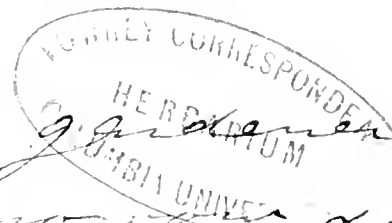
and recd. 1834

Glasgow, Feb. 12. 1834.

My dear Friend

Mr. Murray ^{has} just told me of a *Gardner* who is going to N. York. He starts to-morrow & I must send you a few lines at least. But though I had a nice long letter from Dr. Gray this morning I dare not bother to give you news of him: - for I know he writes to you often & by a quicker conveyance than that which now presents itself to me. He too I dare say will have told you how nicely we (that is, he & Joseph) managed to meet in London, to have quarters near each other & to spend many happy days together. We breakfasted with Brown, dined with a number of Gentlemen & went together to the Hort. Socy's Garden, to New & so on. I left him (as he will certainly work better now that I am away) with much employment before him: & much he has already accomplished. He must be to you an invaluable coadjutor: - & I assure you he has been to me, both in Glasgow a most agreeable companion, such as I should rejoice to see again.

I do not know that I have yet thanked you for the 2^d part of your admirable Flora. I have already had occasion to make much use of it & can't be without it its accuracy. Friend Nuttall makes too many species & I sometimes think *Genes*, as he does not enough know which others have done before him.



Still a great number of his plants are extremely interesting: & I do sincerely hope you will be able to send some zealous collector into similar regions: - that is to the southern Rocky mountains, especially on the west side. Dr Gray & I talked much on this subject & I am satisfied ^{himself} that, with the existing passion for forming Herbaria, a good collector in a good country may make a very good living.

My object in going to London at this time was twofold: - first to have an interview with Spring Rice in order to endeavour to induce Ministers to give over the Royal Gardens of Stren to the country & let them be kept open as a National Bot. Garden from the Public use. The English think such a use of public money very legitimate: - & I try to endeavour by the 2^d. Son Joseph attacked the Antarctic Exped. as Surgeon & Naturalist under Capt. J. Prof., in the rank of the Exped. being determined on. In this letter I succeeded well: - so much so that even should that Exped. break down, Joseph will nevertheless, by Sir J. Bennett's ^{intercession}, into the I. & receive an appointment at Herbar. Herbar. & thus to remain till some scientific Exped. is sent home. The Home business must come before Parliament, & much uncertainty must attend the result. As for the Chancellor of Exchequer was concerned, my reception was even better than I could wish. But really the Commons' main priority

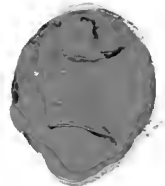
of the same kind as I have seen elsewhere, and I have
found on, however, receive much attention and
interest.

There is no doubt I was strongly urged by my
to undertake, for a new ed. of *Woodward, Prop. Dist.*
the case of *Nov. 1847*. - I had supposed that I
found to publish those of the *Provincials*. Dr. Gray
said, and that much valuable information might
be procured from America. I doubt the
of many American *Provincials* are published in
some of your Journals & *Prop. Dist.* I have
Reviews & Magazines. Can you refer me to
them? Of course Dr. Gray says you can give
me information, as *Waldwin*, for example, who
will come early, & perhaps *Shawcross*, which
will come later in the work. Is there any
work devoted to the lives of scientific men? I
should be glad to purchase any that are worth
my purchasing in consequence of the quantity
of information they may contain. Do you
know anything, again, of *Bradbury*? Dr. Gray
is a

I think I will send you a little parcel some
I sent you. At any rate I find very little in the
way of *Botany* to forward to you by this office.
You will receive *Forb. Vth of Reading*,
Nos 9, 10 & 11 of *Ann. of Nat. Hist* (No. 12 of this no.)
has not yet reached me - a little brochure of *Webb's*
& for Mr. Bullivant, by order of Dr. Gray, who has
paid for it, a copy of *Drummond's British*
Mosses. By Dr. Gray's letter of yesterday I learn
Mr. S. also wishes to have a full set of the *Am.*

can hope, which I shall prepare as soon
 as possible. Joseph is working well at Jan
 Bremen, and plants for that in a country, he
 looks to visit on his way towards his South
 Pole & Wilkes in preparing his lectures &
 drawings for his next winter, West. Africa
 campaign. Our eldest daughter Maria is with
 her Aunt at Hamlet near London. Elizabeth
 & Anne Harriett are at home. The dear Father is

Dr. Torrey
 Professor of Botany
 Farar
 210 York
 Lane & Mr. Lumbell.



much better some as when you saw, ^{his} look older & consequently
 by more people. Yet cheerful & lively, whether permitting,
 walking with. All here, in in our in hearty ^{greeting}
 wishes to you & yours. I must have from ^{you}
 soon & all about you. The Duke of ^{Bedford} was
 delighted with the ^{his} ^{son} ⁱⁿ ^a ^{case} ^{for} ^{the} ^{other} ^{species}
 Our young ones affectionate friend ^{of} ^{the} ^{Hooker}.

P.S. I have just Mr. Stobbs into the best man for see-
ing Virginia: a letter on my garden, worth seeing
about New York, ^{And Dec 4} ¹⁸³⁹ Mar. 28.
I must come to my tomorrow for 2 or 3 weeks. J. G.

[Recd May 27th 1839]

My dear friend

It is not long, I think, since I did
express the pleasure of sending you a
small parcel & writing to you. Mr
Munro is about to send another par-
cel to America (Virginia) Mr. Stobbs
a very steady excellent young man, who
has just been putting in order my
Hyland Garden, & who indeed, did
much to it last year, especially in
the arrangement of the kitchen garden.
He is obliged to go via New York: so
I made up for you a little parcel with
the last No. of *Journal of Nat. Hist.* &
a few more plants (my published *Journal*
Herbarium, it shows you that I
have done well concerning something
identical & successful *Journal*, & have

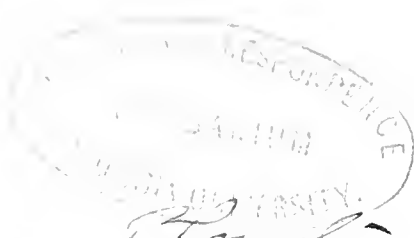
several more of Douglass' speeches engraved,
but not printed off. All the plates
to me engraved for Jan. 1841. I have
"Part of Beecher's sermon" which you
know will contain a sublime &
powerful sermon on the Evangelical Revolution.

Show to you when a young man time
had of it in London with your
good friend Dr. Gray for my near neighbor
and dear companion. He is de-
lighted with him, & he has left a most
favorable impression, wherever he has
been. You will have heard of him
from Paris, where he is now among
all the Parisian Protestants. He will
have returned to you, if I have not
my hopes respecting him. His returning
is yet determined. When it is, I will let
you know. My sons have furnished
their observations here & would gladly
return to me with their own views, though
my son has been very constant in

creating a *Sciana* man in our written
case's about 100 foreign students. Indeed
there are in England & France much cause
for gratitude. I shall soon see Joseph
for 4 years at least. He is to accompany
Cuthbert & Prof to the Antislavery Re-
gions, & the Expedition's new man
& the situation of government will
be satisfactory. The *Exhibitor* & the
Lionel in Lyon & York. Already
about a fortnight ago, Joseph com-
pleted his examinations for M. Sc in
this University. He goes, in a month,
to Edinb. to help the Faculty of Phys.
& Surg. & then to see Mr. Burnett
the Phys. & Surg. to the Navy, who has
promised to give him an appointment
immediately, & he will be with Dr. Nichol
and the Expedition's sail. William
is laying himself out for practice in Glas-
gow. An eldest daughter (Maria) is
soon coming home from England, & our
2^d daughter goes there for a year & your
little friend Mary Harriett will see long

your son is a very good scholar & the father
is remarkably well & of the health of you.
& we all desire much to hear news of you &
of all that is dear to you. Have you not
sent an collector to the far west? or not
you do, & let me subscribe to him. I long

Dr. Gannoy
Professor of Chemistry
& Botany, in a
New York
From Dr. H. H. H. H.
with a small parcel.



more than ever for new American plants. I have
had 2 fine sets from Mexico lately. In one are 2
new Gavroyas: - & I was charmed to find that I had
a fourth species from Jamaica! - of which I think
I gave specimens to Dr. Gannoy when I did not know what
they were. Let's hope you will send me some
yours, in which my father & I join. Yours ever
Wm. Hooker

Jan. 14. 1840?

My dear Friend,

I send the parcel & this letter by Mr. Shaw who says you are his particular friend, & will be happy to transmit any thing for me to you. If there are any more money transactions between us I will send through Mr. Shaw & not Mr. Higgins. I quite believe (through inadvertence) that Mr. Hig. gives never sent the money & judge from his note to me, which I send you. He now says that you will call upon Messrs. Crocker & Hill. He wrote to them by yesterday's post & enclosed a letter from me. It will soon & relieve our apprehensions respecting the

Am. God grant that you & all that are dear to
you may have suffered nothing from this aw-
ful calamity. Yours ever W. J. H.

Ans? June 1st.
(W. B. Queen)

27
New York, March 19, 1840.

My dear Friend

I would have answered your long-ex-
pected & most welcome letter of Dec. 14th. before
this time: - but it was not long after its ar-
rival that we were thrown into great afflic-
tion by the sad & sudden intelligence that our
poor William was dead. It is true, as you
know that he left this country in delicate health
& sought a restoration in the climate of Jamaica.
There he arrived after a weeks passage & had al-
ready experienced benefit by the change of cli-
mate: & an improvement was daily visible. He
was every where received in the kindest man-
ner & domesticated with Dr. Macfarlane, who of-
fend him as some of his business & treated him
like a Brother. But in less than 3 weeks he
took yellow fever in its worst form, accompanied
by black vomit: still, so good was his constitution,
that he struggled against it for the almost un-
heard of period of 14 days. He was quite aware of
his state & of his danger. The Congregation ably
united constantly ~~constantly~~ prayed with him & to
him & the last words that escaped from his lips were
in prayer. This is our consolation: - & that we shall
our ~~stay~~ meet the dear fellow again, where there
will be no more separation & no more sorrow. -
On inspection his lungs & every part of him were
found perfectly sound. God thought to revive him
& death met him in another form. His wife could not
be advanced in pregnancy to have accompanied him
to the West Indies. She was to have gone out in May,

after her confinement. Torment & anxiety have no
doubt hastened their work. She had a frigid fever with
3 weeks ago, & has been almost ever since in a wretched
state from general nervousness. Within three days
there has happily been an improvement in her:
her bodily health is better: - but she is still in a
very excitable state as to her mind. Whether
this will be entirely restored to her, God only
knows. She is & always has been with us since
the marriage & the loss of William & nursing.
& watching have been almost too much for Lady
Hester & our only child who is, at home, Maria.
They have lately been very unwell & quite con-
fined to bed: - but are now recovering. Indeed
our Harry has been a longish hospital for some
time past. The little infant lives & our hope
will do well. My Father has been quite well
in health: - but very sorrowful at seeing the
young Father white as, at his great age, remains.
Your little favorite, now no longer little, Mary
Harrick is at a most excellent school, Mr. Leeds
at Kensington, where the main object is to train
the scholars for sterility, which at the same time
nothing is neglected for the improvement of their
minds so as to fit them for the best society.
Our Elizabeth expects a week to go also: &
she was a sick person: - but she feel also into
delicate health & in the early part of winter
she too has been obliged to seek a better climate
& is now in the south of England in charge of
a most kind & excellent aunt. We trust she
improves: - but notwithstanding the mildness of
the weather here she is quite unable to leave her
room. Now we are without anxiety on Joseph's

essence. He was not well when I last heard of
him at Chatham. He got better & on arriving
at Madeira botanized for 2 days & then took to
his bed for all the rest of the time. A British
officer says he is very ill & thin & unfit for
the voyage: But we cannot now recall him.
It will be 4 mos. at least before the news of
his death can reach him. I derive
comfort from his letter, written 2 days after that
of the officer, saying me that he was then getting
better. That was the 31st Oct. since when we
have had no news from him or of him. Our
next letter will be from S. Helena the end of
next month (April). — Then my dear friends
are the trials to which we are now subjected. —
The first heavy affliction we have ever expe-
rienced. May they work together for our good!

The Papers will have told you of the death
of the Duke of Bedford. He was I think
a wise & a constant friend. He had made
such arrangements previous to his death, that
it is probable if a National Bot. Garden were
to be instituted I might have the charge. But
that seems ^{if} likely then soon. Ministers have
absolutely offered to give the whole collection
of plants at him to the Hort. Socy or to a man
soy "the Regent's Park Garden". They have
refused & it has been said (in the Athenaeum) that
any body may have the plants by asking for
them. I should have considered it as returning from my
responsibility & leaving near some very dear friends
in England: the Turners in Norfolk, or the Pollocks
near London. But I fear I am not quite independent
enough, or to be sure, without that which I de-

view from my Chair: though that is very much
reduced by the some very shabby new regulations.
My income from my winter tour about this year
is 100 guineas less than it was last year. And in
summer I do not see where the students can come
from, as they may come to ~~London~~ any itinerant
lecturer in any Medical School of Dublin or
London.

I am putting up a few books for you & our
other American friends. Not that I have done so
much of late as I ought to have done. I had to
make two journeys to England last year, one of them
of long continuance: & that this year, a birth
& death, a sickness, a few fittings and has been for
sixtent voyages have all occupied my mind &
my time. Still I have not been idle even at
night. I have also drawn up a brief Memoir
of the Duke of Bedford, confining myself however
mainly to the services he has rendered to Horti-
culture & Botany, which indeed alone com-
mence my province. The Rev. Mr. Plant pro-
posed an excellent General Class upon him
in the Church of ^{St. James} Berkeley, Sunday after the anniversary
was intended in the family vault there. You
know he died in Scotland: & the letters he wrote
to me were almost the last he ever penned.
Botany flourish. There are many collectors
abroad who meet with good success. Hugh
you are sending some to the South & West. You
also, staying wonders in Brazil & Hartweg is
making admirable collections in Mexico. I have
only said, My former Victoria has collected
an *Utricularia* 5 feet high - & a plant with
flowers something like *Polygonum* & leaves of *Sarcoc-
coidia*. Taylor has sent from some smaller col.

lectious from the eastern districts of Southern
Africa: & he is now gone into the northern
series. Cuming's treasures are doubtless superior
from the Philippine islands: & Griffiths has
sent some from the North West of
India.

The S. of Africa will soon be a
well known as the source of Europe, given
its respectable production. I have 1400 spec.
ies from Algeria, collected by Bonin.

Bertram has described all Martine's Plants
& I think I must send you a copy, & I shall
be glad if you will return of Bertram's Plants
sent you one. They border upon your
Botany: & I know that Martine has
found a most curious Barberry wh. Bonin
found a few also in Texas: - but both being
new I am sure Bertram has not noticed
it.

In publishing Schumbr's Plants
in my Journal of Botany too, you will
find that he notices at least the
Genera of some of Drummond's Texas
Leguminosae.

Monday, March 30th

Had written this, & made to some days
ago, when I learned that Mr. Bent's
was a South Sea Birch Minister of St. Louis
place, in whose charge Oliver has found
me to go, and will sail to St. Louis. This
gives me the opportunity of receiving you
more of my family: & news of them, I am
well interested in. For William's widow has

letter. But is still a very much & remarkably good
in a very different state from which she was
but is almost entirely cured of the disease.
on the account of our being settled from the
times are prolonged: but she is quite cured
since a Provisioner of the House. The course
exercise and of the House in the same
scarcely days and a course, it is much
for her. All agree in saying that she has
no organic disease. We have no news
news of Joseph. Lucy Hooker is still
Miss Hooker is declining much benefit
being in the country, but another application
seems to be in danger now. My Father who has
continued in the whole to enjoy excellent health
since you were here was yesterday taken a charmingly
ill & lay most of the day in a state of stupor from which
I thought he would never recover. But now he
feels better that the medical advice was employed
for restoring him. Some have been surprised at it and
how wonderful a recovery & credit that in a few
weeks he has a great deal more than he is able to do
again. Some attribute it to his own recovery and
is now in his 85th year much older than he
was some years. I think the recovery was
when it will be in the way of the medical
admirable performance for him. I have just heard
in bed side to see him & am writing to you & the boys
and to give him my affectionate regards. With love
to the girls. I have much to say from
Hooker & am & believe am, ever, with sincere
regards your affectionate & faithful friend.

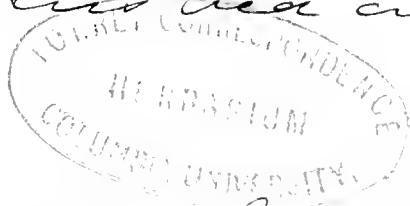
J. S. Hooker.

Recd. July - 20? 1840.
and -

My dear Friend

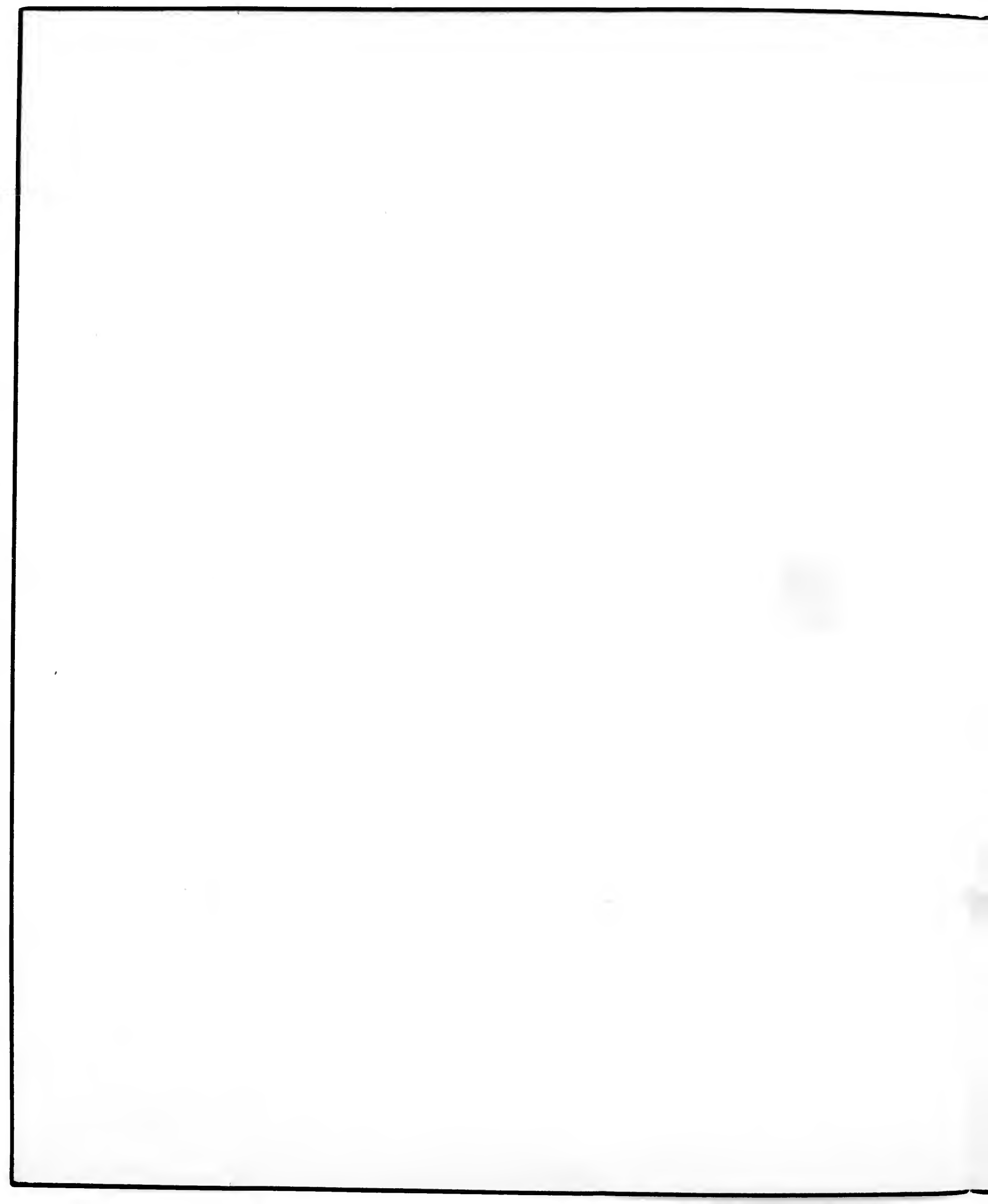
An American Merchant has
to send a parcel for you & I
gladly embrace the opportunity.

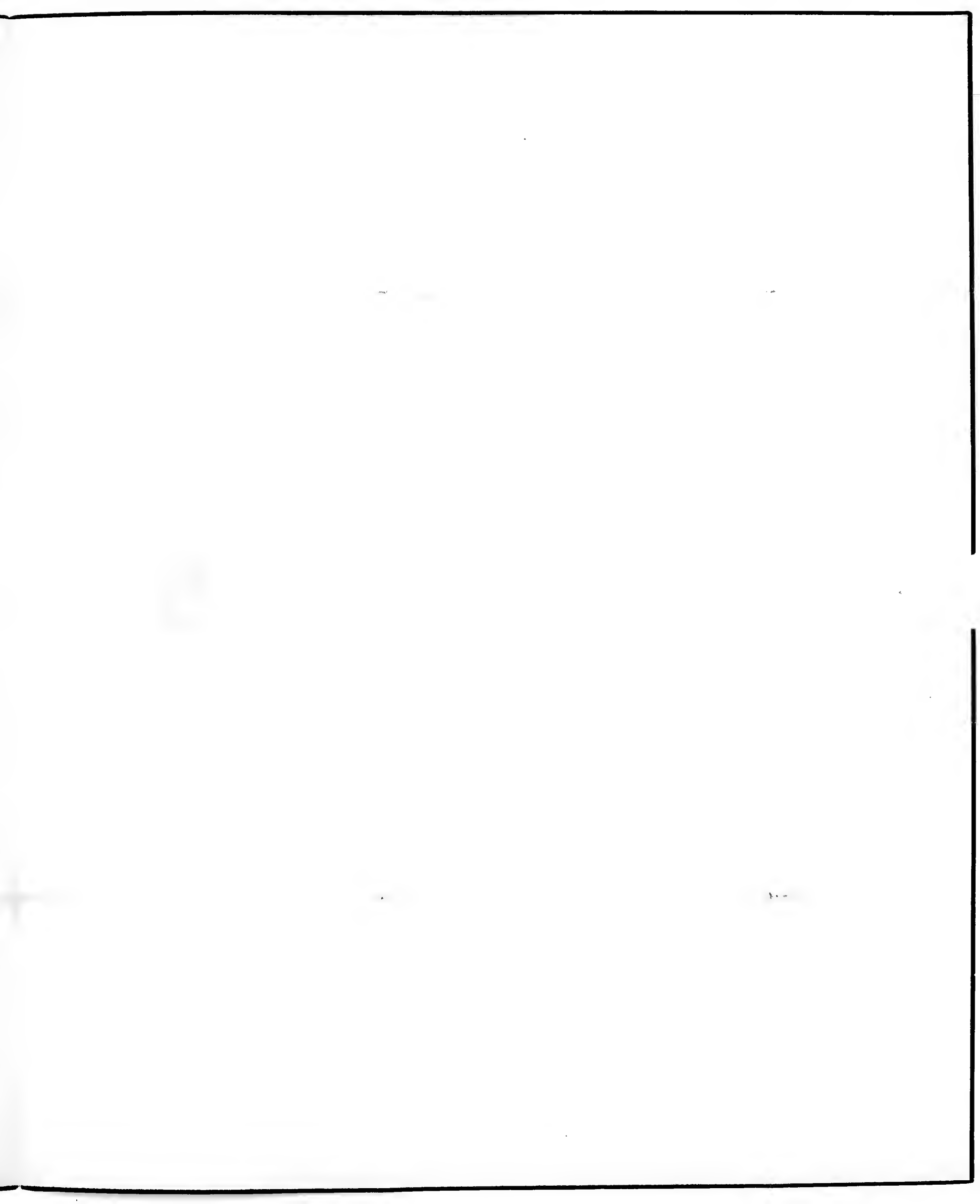
My dear Father still lives a
wonderful story is a good deal
revised: - but very, very false,
quite unable to leave. looked on to
feed himself.



Your aff. friend

W. J. Hooker,
Glasgow, May 2. 1840





Dr. Lamer
Professor of Chemistry
& Botany

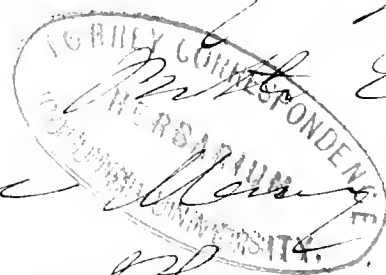
with a small }
house of books } New York
from J. H. Patton Esq

Rec^d March 1st. 1840

Jersey. Jersey 20th 1841.

My dear Friend

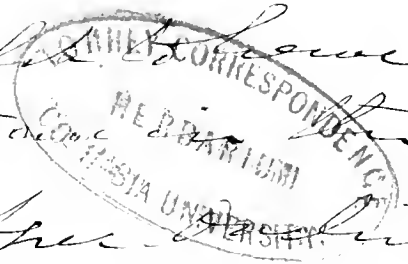
On my going to Glasgow lately,
for a very short time only, I found
letters & a very interesting parcel of
plants from you & Dr. Gray, for which
I give you my hearty thanks. I am
sorry I could not make up a parcel
for you while I was in Scotland: but
you know I think what brought me
& the greater part of my family to Jersey
the beginning of October. Mrs. Eliza:
with a young friend & her Har:
riette were so ill that our Physicians
ordered us to proceed to Jersey with them
for the winter. For about 2 months they
did improve in health & I ventured to
return to Glasgow to carry on my publi:
cations & if possible to get through my win:
ter course of lectures. But I had scarcely
returned than I was recalled by the very



unfavorable accounts I received of Mary Har-
rietta. I came here again about today ago &
brought Maria with me leaving my aged & now
very infirm parent in charge of William's Widow.
Fortunately Mary has again revived; yet tis but
temporary, for the Physicians assure us there
is no hope of her recovery. She is attacked in
the same way as poor William was. - but
she is happily free from pain & in a much
happier & peaceable frame of mind: quite aware
of her danger & at times even looking forward
with pleasure at the prospect of joining her Mother
in another & a better world. Elizabeth
I am truly thankful to say is much better
yet is close prisoner to the house, even in
this comparatively mild climate, & she
must be so for some months to come. My
Father has wonderfully recovered from his severe
illness of the beginning of last year & his mental
faculties are quite perfect. But he is extremely
sensible & liable to cold shivering fits which inflect
him still more & render my absence at such a
time very painful to me. I trust the latter
trials again ere long. Indeed I may be sur-
mised there any day.

It gave me uncommon pleasure to receive the
2^d & 3^d parts of your Flora. It has been a nice
employment for me to draw up a notice
of them for my Bot. Journal, which will soon

be printed. I have been at length enabled to
put the finishing stroke to the *Bot. Voyages*. I hope you received the last part of
my *Flora Nov. Americana*. I was provoked
after it was completed at receiving several
unique specimens from Lindley which he
had had for years & which ought to have
been included. However, they
last part of Lindley's *Gen. & Sp. Ind.*
I think too I shall have another Part of the
Icones Plantarum to send you. I almost
wonder my publication have not suffered
more by my long absence from home.
When I shall be a fixture in Glasgow I am
sorry. Nothing is yet arranged respecting
them, nor do I know if I shall be fixed
there: - but I fear that Scotland will be
found too cold a place for our children
in future, that is for Elizabeth. I was
not able to lecture last summer there, nor
do I know that I shall be able to be in Glas-
gow long enough to do so this winter. Doubt
however is but too likely to lecture for me,
in the hope of succeeding to my chair in the
event of my removal.
I hope that your *Scientific Voyages* have



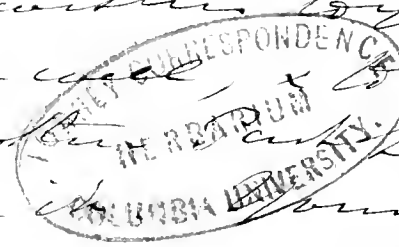
filled in with a great extent of Antarctic
land. I suppose Capt. Ross will visit it. We
have just heard of our Navigators at their
Green's Land. In Oct or Nov. they went
to Van Diemen's Land & thus we shall hear
fully from them previous to their going to
New Zealand. Lady Hooker has copied

"Independence"

Dr. J. J. J. J.
Professor of Chemistry
at New York
N. Y.

1841

with me in kind regards & best wishes to your
self & family, who I hope are all well, & to Dr
Gray. When shall we have another visit from
you? I should like to announce it to you from
my dear friend with the most sincere regards
& affection
W. J. Hooker.



July 24th 1841

Glasgow, April 26. 1841.

My dear Friend, I write in the
 midst of great confusion & this
 is probably the last letter I shall
 ever address to you from this
 place. My books are all packed
 in boxes, I am dismantling the
 cabinets & all furniture &
 every thing, will, by the 15th
 of next month, be on its
 way to Fern & there, as Di-
 rector of the Royal Bot. Garden
 will be in future, ^{my address} & there I
 shall hope often to hear from
 you & our good Dr. Gray: - a
 habitier still would it make
 me if I could see you both
 there. - Before I leave this
 I am anxious to send you for
 Miss Allison (Hunter, Mariner)
 the last Part of the Bot.
 of Beechey, & Nos 17-23 of my
 Journal of Botany. There is

To my dear friend James G. Allan. Philadelphian. Born 6 Oct. 1780. Died 14 Oct. 1841. 61. 5. 8. 7.
 Dr. J. G. Allan. Philadelphian. Born 6 Oct. 1780. Died 14 Oct. 1841. 61. 5. 8. 7.

a small vol. for Mr. Lea of
Cincinnati enclosed. Have
the kindness to forward it
to his Brother Isaac Lea Esq.
Philadelphia.

I requested a copy to be
sent to your care of Dr. Wm.
Wood's Louisiana Mosses
for Mr. Sullivant: - & as
there were only 20 copies of
that beautiful work pre-
pared I thought some one
else would be glad to take a
copy in America. If prob-
ably else does I am sure Greene
will. So I desired a 2d to be
sent at a venture. The price
is marked on each. I rely
on your recommendation to Mr. Sullivant
my Journal of Botany; I am
ever every thing ever pleased

free of cost to the Publisher or
else he would not go on with
it. He should be also the
General Editor, chiefly from
Bauer's drawings: nothing
can be more beautiful.

I shall have a set of Dr.
Murd's Frenchman's before
you ready for him, as you
desire, if possible. No copy
is in the market, whatever. A
set sold lately for total for
£5. I could have sold 20
more copies if I had them.

I rejoice to hear your work
is a great work, on
American Botany, & is
prosperously. I have just

from the Park & of some Edition,
& have more than plates
enough for Part 17.

Kind regards to Dr. Gray & best
wishes to all your family. Ever
believe me as in your W. J. Hooker
Loving as all my father. He is tolerable. Many are
better.

Dr. Allison

SHIP

9

Dr. Torrey

Professor of Chemistry &
Botany

New York. U.S.A.

Recd. Sept. 22. 1841. Royal Botanic Gardens

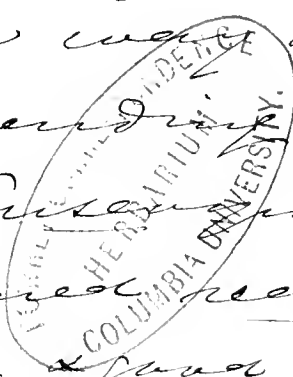
Shew. August 19. 1841.

My very dear Friend

I think I must have informed you of the illness & most happy death of our beloved child, Mary Bennett. The latter took place on the 14th of June & we were all with her except my aged Parents, of whom I had taken, as I had thought, a long leave for coming to them: - for he was then & had been for more than a year so lamentably ill, that, though he urged I should go & fetch him as soon as the weather became warmer, neither I nor his medical attendants nor his friends believed the thing possible: - yet our warm accounts of him are so good that we quite expect him here before the end of this month. Our Elizabeth I rejoice to say has improved in health, but the trying time for her, winter, has yet to come. With my locality at Shew I have reason to be well pleased: not that in point of income it is equal to what I had received in Glasgow; - yet the residence & employment is far more agreeable to me. I have indeed been much harassed with my late interruptions, my frequent calls to Jersey during poor Mary's life-time the unprofitability of my lecturing for the

last 2 of my Cousins in Glasgow & more recently
by the awful task of my removal - Books (about
6000 vol.) Herbarium (green & drying, 7000 vol.)
plants) & furniture of every description. all
came by sea & then were transported by
road for the Thames, which conveyed it to
within a very short distance of my resi-
dence. I had all this done & all the House
repacked, painted & furnished, with no one, not
even of my own family to assist me. Happi-
ly all is now comfortably arranged - & more-
over the increase of my Herbarium, from
another important object at heart, the in-
crease of the Botanical Collections of the
Royal Botanic Garden. It is really a noble
place & boasts some noble Houses & many
very many fine plants, as Mr. Jackson
will tell you: extremely rich in Australian
& Cape Plants, but lamentably poor in the
Plants of many countries, even of N. America.
I think it is one of the best collections
of them in Europe. They have died away,
& nobody cared to renew them. This it must
be my duty to do, & at as little expense to the
country as possible (for the Government never
repays the expenses of the establishment & to
show open in the most liberal manner daily
to the whole public). Our income is tolerable,
but I have an immense deal to provide for in
the Garden, & feel it my duty, without being
niggardly, to be economical. Gifts are already

very numerous, we shall do much in the way
of exchange & many things we do, & much
continue to purchase. Now, my dear Sir, have
you any horticultural friends who would
like to send us seeds & roots of your native
plants in exchange for Pinus & other
plants? any in the northward or in the San
Juan states? I so please to put me in corres-
pondence with them. Do you know any
good but competent persons who could ^{go} out
& collect roots & seeds & name them with
your names for a reasonable hire? & then
inspect them during the autumn & winter
season? Almost anything would be acceptable
save what every one knows to have been in
cultivation in every garden in England for
the last 100 years. Plants of New Jersey
would be especially acceptable to us. Then
there is another way in which you might
serve me, by sending me for sale Catalogues
from your Nurserymen, especially of those
that are reputable & reasonable. — I will
beg that our dear & good friend Dr. Gray will con-
sider this letter as addressed to him as well as
to you. I thank you both heartily for the
1st Part of the 2^d vol. of your great & admirable
works. The first volume from Dr. Schott we
take it in my journal. Dr. Gray in his letter dated
20th May, enquires about a copy of Drummond's Map
of Louisiana. One was sent for him I should sup-
pose before that time. Pray say if it has not been



received. I am looking for the parcel of Composite
which Mr. Nuttall has kindly sent for me: for I am
anxious to write & acknowledge them. I am sorry
Nuttall should have believed it ill to give: - for it is
impossible for any man to have been treated with
greater favour than he has been by you & Dr. Gray.

We have just received excellent accounts of Joseph.
They have accomplished wonders in one summer &
have all but been on the erect position of the S. mag.
netic pole. They have ascertained its position during
a traverse a line of coast from 72° to nearly 79° & then

~~STAMP~~

STON
STAMP

Dr. Gray

Professor of Botany
at

New York
N. Y.

IGNEY CORRESPONDENCE
HERBARIUM
COLUMBIA UNIVER.ITY.

the saw the peak of an active volcano 9000 feet high. - They
go to New Zealand & again to the ice next summer (Nov.) in
much more eastern longitude: - & then back for the West
Coast islands, where they will have a different scene. Lady
Hooker joins me in kind & trust regards to yourself
& family & Dr. Gray. Affectionately Yours,
H. J. Hooker

Amid. Oct. 7th

Recd. March 1842

Royal Botanic Garden,

Shew. Jan'y 23. 1842.

My dear Friend

I have long wished to write to you & thank you for your most kind letter of Oct. 15. of last year: - but I can hardly tell you how busy I have been in my new appointment & especially since my return from Jersey, where we left the remains of our beloved Mary Anne: - with my sadly reduced family. Here I am pleased in a comparatively new country, with new acquaintances to form. (For the customs of Jersey require this: - when I have numerous duties to perform at several Societies in London, from which a residence of forty miles distant I find will not exempt me: - & then in the Botanic Garden, I have not only the ordinary employments, induced by the Directorship of the establishment, but all the world to look after consequent upon the extensive improvement of said Garden. Not that I complain of any one of these occupations: they are

quite congenial to my tastes & wishes. I don't
mention them as I am sure you will value
with diligence of some of my most valued
correspondents. To you & Mr. Gray I have
especially wished to write. Your embel-
ments are so congenial to my own & I
trust, you may believe me, a true & deep
interest in your admirable ^{eye} ~~work~~. It is
a work that does you & your country
the highest credit.

I thank you extremely for the New
Lusky living plants you ever so very kind
as to send to our garden. They are just the
kind of things I desire to have & in which
we are so deficient. Unfortunately there
were some demands being made upon yours which
got treated & some of them suffered: but
they are recovering. I do desire to obtain
roots & seeds, bulbs, cuttings (of Willoway)
- Arums, Pine cones or from N. America,
do you know any Cultivator who is able
& willing to send us such things in exchange
for any living plants from the ^{public} ~~public~~
of our garden? I wish to hear your say
if any man who will sell reasonably
such things, especially seeds - Pines & Oaks
from the south/west coast especially, & Trees &
shrubs in general. As this is a good season

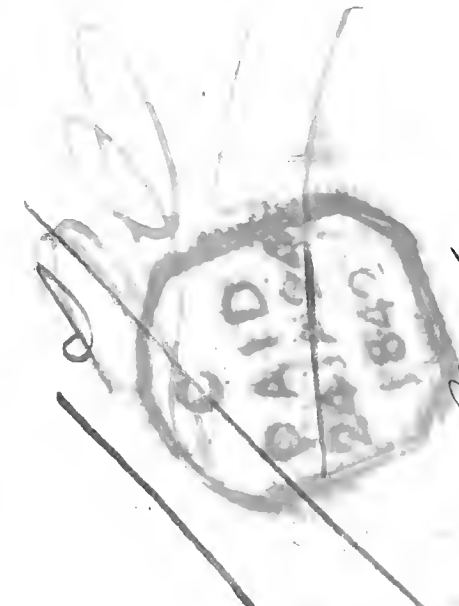
I will gladly let you to give an Order at once
to such a person to the amount of £5. And
this being a good season I should wish to
have them drifted. Roots of plants will
come well in Boj. mofs - Almagnum - from
which the moisture has been almost en-
tirely suppressed - A layer of roots & a layer
of Almagnum: & so on.

I must mention
that the first Botanic Garden in Europe,
& the Garden is therefore open in the most
liberal manner possible to the public.

We have lost from London a few weeks
after, at Thes, & in my presence, from old
Lambert breathed his last. His love of
plants continued to the very last & indeed
he came to see at Thes, that he might be
near one of the Bot. Gardens, to which he
had just given his fine collection of
Cactuses. His Herbarium I trust will go
entirely to the British Museum. The Books
will be sold.

I long to see your report of the Botany of
your state, & I shall be thankful for the set
of specimens for, which you so kindly assist
for me. The list of the new Jersey living
Plants did not come. Pray do not let a little
failure in the living specimens deter you from sending
more: I am sure that with less moisture & a little more
elastic bedding they will come well. Early Spring, too, is
the best time for sending them, because then they

have a whole summer before them to accomplish
 it. My father is wonderfully, I might almost say
 miraculously recovered & has joined us at home
 & he is now standing by my side & bidding me to
 send his affectionate regards to you. Our Eliza
 better is delicate, but much better than she was
 the last two winters. From Joseph we have
 had excellent accounts dated Sydney. They



Professor F. Botany

N. York. N.Y.



our ship (5th Aug.) up anchor for N. Zealand & then
 home south again when they are now. We hope they
 may be at the Falklands in May where we are sure
 they will be. Accept the sincerest regards &
 best wishes of all of us. Yours with much regard
 & affection,
 W. I. Hooper

Recd. Jan. 28th

Thurs. Jan. 1. 1844.

My dear Friend. It has been a most agreeable surprise to us that your Brother came to us on Christmas day: but a great disappointment must that we have not seen him on a second time. He had given us the hope that he would have done so, but his speedy departure & his business-engagements have not allowed him. He assured us how spoken much of you with us so near & so dear to you, & at times it seemed as if you yourself could not be separated from us by the broad Atlantic. My Father was especially delighted to see him & he reckoned much on his return to us. We all trust that at a future time we shall see both you & him in England again. My dear Brother I send the continuations of my Journal for our American friends: & 3 Nos of the Antarctic Flora I will trouble you at your leisure to forward to Greene. If you can to see the book I authorize you to open the Nos & do so.

See by Wiley & Putnam's list published today that the first vol. of the U.S. Exploring Voyage is published & I shall send you it to-morrow. Prof. Johnson nothing is said about the publication of the North History. I still think it a great pity that the Antarctic plants of the French & Amer. & Engl. Voyages could not be merged in one publication.

My son who owns collections are so ample & who
has access to all the English Antarctic collections &
who is provided with the means of seeing such
ample justice to the French must have the
cream of the collections & learn very little in those
regions that is new for the French or American.

The French indeed - ~~unhappy~~ ^{unable} with regard to
publish the subscriptions - are publishing a series
of most expensive botanical plates of Antarctic
plants & of course giving names quite different from
my son's, which is much to be lamented.

I long to see some more of your excellent N. Am.
flora & congratulate you on the prospect of
having plants from the far west.

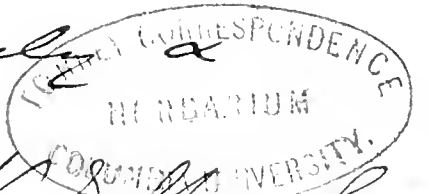
I hope
you will set my name down as a subscriber
if any sets are sold, & that I may have a good
set. Soon I trust to have some from our
collector, Burke, who was to cross the Rocky
mountains during the past summer from
Fort Edmonton. He must have had a weary
winter of it at that place: but he wrote in
good spirits, in May, just as the snow was mel-
ting.

Your Brother will tell you something of
our Gardens at New, though he saw them in a
very unfavourable season & for a short time.
We are doing great things. Our collection of
plants has increased & is increasing rapidly.
Could you not procure us good seeds of *Lorogon*?
I think that we find it more easy to obtain Cori-
saria from the Antipodes than from the Southern

States of N. America. Your new Jersey plants
were very acceptable. You know the Royal
Mail Steamers bring us parcels free if addressed
to the Secretary of the Admiralty, for Sir W. S.
Hooker, Royal Bot. Gardens, Kew. On Her
Majesty's Service."

My Father & Lady Hooker & all my
Family in hearty good wishes & the compli-
ments of the season to yourself & to all who
are dear to you, with my dear Dr. Torrey,

Yours ever most sincerely &
affectionately,
W. J. Hooker



Mr. Loomer
Professor of Botany
New York.

with a pencil (P. S. H.).

Free. Aug. 26. 1864.
My dear Dr. Torrey.

This is merely
to make known to
you Mr. Alexander
Gordon an excellent
Potomac Collector
who has brought
some capital plants
from the Rocky
Mountains & will
probably bring many
more. I should be
sorry he should
pass through New
York & not see you.

Mr. Greene left
me in Boston to

He says if Mr. Gordon
has any packets for
me & if he sends it
to you & you to Mr.
Greene he will send
it on board by the
Royal Mail Steam
vessel which you
know bring things
to me free. He
thinks even the address
should be
"By Royal Mail Steam
from Boston,
on N. M. Service."

To the Secretary of
the Admiralty
London.
for the Royal Botanic
Gardens of Shee.

I do trust Mr Gordon
will meet with good
success; & he will
be thankful for
any information
you will give him

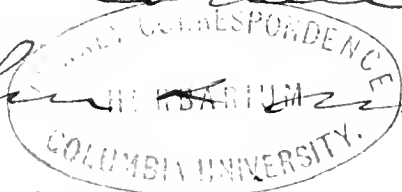
Affectionately

Yours

W. J. Hooker.

My Father is well.
Lady Hooker is very
benighted as is Mr.
John Joseph is
well & with my
Father sends aff.
regards.

To Mr. Torrey.



To Mr. Torrey

Professor of Botany
and

New York

Green Hill (on New Jersey)

Mrs. Gordon

B. B. G. New.

Sept. 1. 1845.

My dear Louisa

You will be sorry
to learn that my dear
old Father has departed
this life. And yet we
ought not to sorrow, for
he is but gone to a
better life. He died full

of peace & joy & we

have been recently

only 2 days ago, fol:

laving his remains to

the grave. Lady

Woolen & Sam pay for

10 days to you worth

for charge of our
scene.

my daughter's remains

him.

On my son, J. W. H. :
his account also I mean
asked to write to you.
He asks for a testimonial
from you. I mean send
it by return of Post to
you. He is Candidate
for the Chair of Botany
in the University of
Edinburgh : & is well known
known there having
been appointed in
the Spring of 1841
to the Chair of Botany (since
vacant) : & he gave the
Chair with great dis-
tinguished Professors
& students. He has

on the "Town Council" of
the City, & that is why
such copious & length-
y testimonials are required.
The only opponent of
any influence is Dr.
Balfour, my superior
in Glasgow. He is an
Edinburgh man & his
Father is much among
the Town Council.

But if weight of names
as testimonials will carry
it my Son is sure of
it. There is a
double Commission:
one with the Crown:
— there are our safe
enough. You can
see very much I am sure
in behalf of my Son & in
a few words. Affly
Yours W. L. Hooper

11/12
1800
1800
1800

1800

1800

11/12

Paris 1/0

J. Loney

1800

Proprietor of the

New York
N. Y. C.



Rec^d. Decemb. 20, 1845

Royal Gardens, Theob.

Nov. 27, 1845.

My dear Friend.

I am pleased to have
the copy of Fremont's Report
with your account of the Party;
but I did not like the charge
of £3.18. - It seems to me that
people must be out of their
senses to send such things by
post, or they must think we
are made up of money if we
can afford to pay for them.

That, & 3 other such letters
from India, were on the same
day, charged to me £9!! I am
the more vexed because by the
Royal Mail Steamers anything
botanical coming to me, properly
directed, comes free, & that is now
pretty well known by cor-
respondents. It must be ad-
dressed "Our Her Majesty's Service
By Royal Mail Steamers
To the Secretary of the Admiralty,
Whitehall, London."
For the Royal Gardens, Theob.

It is then immediately forward
it to me. My Boston friends too
often put on my ordinary address
& thus I pay the paper.

Thank you for the Testimonials
for my son. The matter had been
settled weeks ago by the Town Coun-
cil preferring Dr. Redforn to my son.
That however left an opening at
Glasgow wh. the Crown immediately
offered to my son, but he declined
it, & we have now happily got
Hornett there.

I trust Linnæus will be
more fortunate this time. It is
curious how unduly some
people always are, & often the
reverse. Geyg's specimens are
in the most perfect state
possible, & so are the few I
have yet received from Burke.
The latter is at York Hall in
the Snake Country: - but he
& Geyer too had many diffi-
culties to encounter. I am
publishing a very interesting ac-
count of Geyg's Journey. He is
really a remarkable man &
I gave him a great room in
the Bot. Garden to arrange his
collections. The Paper you
allude to of Dr. Gray's in the
Boston Journal, I suppose
his account of Linnæus's Lex:

our Plants. He has informed
me that he sent a copy to Booth
for me, but I have not yet
received it. I do, & ever shall,
express the warmest interest in N.
American Botany. Dr. Hooker
will always be glad to hear from
you. He refuses of course he
cannot be just that we could wish
them so just to his Flora Antar-
tica. It is certain he is doing him-
self credit in their splendid
work. And, now, he has per-
sued up the Botany of Tropical
Africa & will, in conjunction with me
publish the Flora of the Niger
region. Besides the collection
from Vogel which is all in my posses-
sion, we have just received from
the Horticultural Society a cart-load
of tropical African Plants, which
will be incorporated with the Flora.
I am glad to hear you will soon
be progressing with your great Flora,
for that is a most important
work. Mr. Bentham has just
been staying with us. He has re-
vised the *Scrophulariaceae* for
DeCandolle & is now at work on the
Labiatae. Arnott too has been

here far more than a month
just previous to his departing which
abode in Glasgow. His ardor
for botanical pursuits is as great
as ever; & he only wanted the
means of publication to become
a most useful man of Science.
He is indeed the only person
deserving the name of a Botanist
at this time in all Scotland.

Lady Hooker & my family
join in kind regards &
best wishes to you & all that
are dear to you. We include
I need not say your excellent
brother.

Ever faithfully &
affectionately
Yours,

M. J. Hooker

Royal Gardens, New.

Sept. 10. 1846.

My dear Friend

Thine I trust a some
books for your daughter
as, will be given into your
hands by my daughter,
Merrin (Mrs. M. Gilroy)
who accompanies her
husband, a Minister of
the Free Kirk of Scot:
land on a religious
mission into Canada.

You will I am sure
kindly notice them
during the short stay
they will make at
New York: or if you
are absent your
Brother will.

Our family is much
reduced since your wife

with us, & oh their own:
much more one of our &
surviving children is
with us. Joseph is
absent on a respectable -
fossil tour, but returns
on Monday after an
absence of 2 months.
I am going today to visit
my daughter Elizabeth
born from Suffolk &
we shall be visited for
a little while. The Do:
torist Henry is with
us: a most pleasant
visit.

You wish if you
please & Gray too, be
careful how you send

in pounds by the Steamers
- the latter ones being cost
more than their value.

As I have before men-
tioned they come free to
me by the Royal Mail
Steamers if addressed

"on N. M. Service

To the Secretary of

the Admiralty
London.

for Sir
Royal Gardens,
Chelsea:—

but such specimens
on the continent by stea-
mer & then the carriage
from Lond. make them
com. expensively seen.

Yours affectionately

W. Hooker



Royal Gardens, Leeds.

Oct. 17. 1846.

My dear Friend. The present letter
is to announce to you that one of my
family, my eldest daughter, with her
husband, Mr. Rev. Walter M. Gilroy, niece
of God grant them a good voyage, ~~were~~
have the happiness of seeing you & your
New York in a very few days after their
return this. They have been ⁱⁿ ~~at~~ ^{the} ~~great~~ ^{great} ~~Britain~~ ^{Britain}
mercifully preserved in the great Britain.
They were to leave you out in the great
Western but she was full (of the passengers
tremendously in going out) - then they
embarked in the great Britain, a bit for
the shipwreck. They would have been in
New York a fortnight ago. Then, 200
passengers having to look out for berths
in other ships, the steamer was soon
crisscrossed. She took passage in the
"Liverpool," New York Line, which ought
to have sailed a fortnight ago - but has

winds & bad weather returned on Tuesday last the 13th. They reckon on 30 days for the passage.

I think I must have told you that our eldest daughter Maria, whose life & health & the enjoyment of our family is greater than I can describe to you, married last Spring the Rev. Mr. McGilvray, a distinguished Gaelic Scholar & Minister of the Free Presbyterian Church of Glasgow. His Church have appointed him this year to go & inspect the condition of Free Scotch Churches in Canada & of the Highlanders in particular. At an earlier season they would probably have gone by Halifax; but late as it was in the year, they were advised to go via New York. At this I rejoiced. Their stay cannot be long, but I shall think it a privilege if they find you there or at New Jersey. They will proceed as soon as may be to Montreal & then joining in

Canada much to different localities, through
the winter. Their return will probably be in
the spring or summer. My Daughter

has letter for you & a parcel, given me to pass
into her charge. I think she will be very
pleas'd to see some relative of yours whom you
will be glad to hear about. This is

very much a family letter. I shall not
venture to touch on Botany, further
than to say that our good-fellowing
Collector Burke has, as yet done nothing
for us in the Rocky Mountains & Cali-
fornia & that by the Messrs. Gray Co.
& I have just rec'd him as a useful
man &c.

I would be glad to send out a
man for such a purpose. To so remote a
region is very expensive & very hazardous,
I mean as regards success. For happily
our N. B. Co. give every facility for getting
about.

Dr. Gray tells me there is now
a collector gone to Boyota w. delight.

I think my Daughter has some number
of my Son, Dr. Hooker's Flora Antarctica to
frankly you send an agree. If you
desire to see that Book I authorize you to

open the package & inspect them. It is a work
that owes him great credit, & he has now
begun the Botany of the Niger.

Yours ever faithful & affectionate
friend,
W. Hooker

RESPONDENCE
HERBARIUM
UNIVERSITY

Paris 1/0

Dr. Lamin

*Proprietor of Chemistry
& Book Store
New York N.Y.*

H
6100
L
OC 19

NEW YORK
OCT 19 1861

Royal Gardens,

Thurs. Oct. 31.

My dear Dr. Torrey.

So irregular have been the movements of the packets lately on account of the stormy season & head-winds, that I know not whether you have yet any letter from me announcing the visit of my daughter & her husband to New York, en route for Canada. I am sure you will be kindly pleased to see them, though I fear their stay in your city will be very short. I wish I could take a look in upon you at such a time: but that must not be, though I should exceedingly enjoy a little botanical & other chat with you. Now that you have California in your Union, as well as Texas, which are extensive fields you will have for botanical research. We must look for much from you. H. W. H. Gilman has left N. York, kindly for you the enclosed to her. With ever affectionate regards,
W. J. Hooker.

P. Price 1/10

Dr James
Professor of Chemistry
at Botany

New York
U.S.A.



[1840?]

really & truly all over the world, that I have
only to say (what every one else interested in the
progress of horticulture & Botany can say) they
have been the means in the last fifteen years of
introducing more new & valuable plants to our
gardens, than were imported during the preceding
century, and, in the character of domestic greenhouses,
if I may so speak; i.e. as a means of cultivating
plants with success in our parlours, our halls & our
drawing rooms, they have constituted a new era in
horticulture. I shall never forget the expression
made use of by the late Mr Loddiges to me one day
when speaking of your cases "Whereas I used for-
merly to lose 19 out of 20 of the plants I imported
during the voyage - 19 out of 20 - is now the average
of those that survive - Believe me

My dear Mr Ward

most faithfully yours



To Nathaniel Bagshaw Ward (1791-1848)

Royal Gardens,

Thurs. Aug. 17. 1849.

My dear Friend

How pleasant it is
for me to hear of you &
yours & of your kind-
ness & hospitality -
from our own child.

I wish I could have
been with you my-
self: but I must be
content with hearing
of it from you.

I have some Books for
you, by my soon
via Boston: & one of
them especially will

tell you of our doings
in our vast Botanic
Gardens. We have
little or nothing to be
done in home Botany:
but you have a noble
field in collecting the
native plants from
your greatly exten-
ded western posses-
sions. I want to
know what has
been done in the
mountains of Tex-
as. I am sure from
the few things I have

collected strictly Ber:
landier, that there is
much novelty yet to
be discovered: more than
on the Pacific side of
America a J. S. Sarsfield
and Engelmann or you
should send some one there.

I now find among Gay's
plants a perfectly distinct
Mycosurus: - the *M. affine*:
taken of Gay's *H. of Chili*,
from which latter
country I have it also.

Do you continue your
travels in the State of
N. York, for botanical
investigations? or
have you completed
that labour. Yours

will be glad to hear that
we are well. Lucy Hooker
& my son send very
kind regards to you. The
letter has made his offer
to Professor Henslow's
Secretary (the clerk) &
is accepted: - but will
I believe before he crosses
any, take a run to
the East Indies for a
few weeks to make
himself familiar before
he settles down with
Professor Henslow, & also
to see the myrtle & his
malaya. Love
fully & affectionately
Yours, W. L. Hooker.

Royal Gardens, Dec. Nov. 1. 1847.

My dear kind friend. Many thanks for your
most welcome letter. I had not heard from you for
some time; but I am glad, & of this sad intelligence
of your Mother's pecuniary difficulties. But never
could I for a moment suppose you were otherwise
than most kind & hospitable. (as much as circum-
stances would allow) to receive dear children & their hus-
bands. I do trust affairs are going better with you than
they were. Commercial matters cannot be worse in
the new World than they are here. I am, but
no immediate connections, have suffered severely.

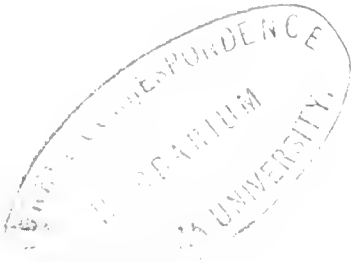
For yourself I am glad you retain the appointment
which is most congenial to you: & delighted I am
to find you are working on Oregon plants again.
I am too old to visit the new World. You should
come & see my position here. The new Garden
under my charge, our extensive Library & Herbar-
ium. The latter I should think increased fourfold
since you were in Scotland. Joseph's (Dr. Hooker's) col-
lection have proved no slight additional value to it; &
more that dear fellow is going to another glorious field
of Botany. In little more ^{than} a week he embarks with
the new Governor-General, Lord Dalhousie, for Calcutta
(Bombay) & after spending the first 3 months in the plains
he goes north to the Himalaya mountains & probably
into Chinese Tartary. He returns to Calcutta - thence
to Singapore, & then to Borneo for 12 mos. He will
be away 3 years & returns on marrying the eldest Daugh-
ter of Professor Henslow on his return. He has as-
distinguished himself in his former Voyages & by his
flora Antarctica (from composites, i.e. the Antarctic portion
of it) that there was no difficulty in its receipt. Prof. Henslow
making a grant of £800 towards his expenses in India
& at Borneo he is attached to the Admiral's suite, with

full pay & rations & £200 a year to spend in botany
 vizing on shore. If God spare his health he will do
 great things, especially in the Hindaya mountains &
 in Borneo. He will have 3 or 4 collectors, besides
 which his own hands can do; & that is no little

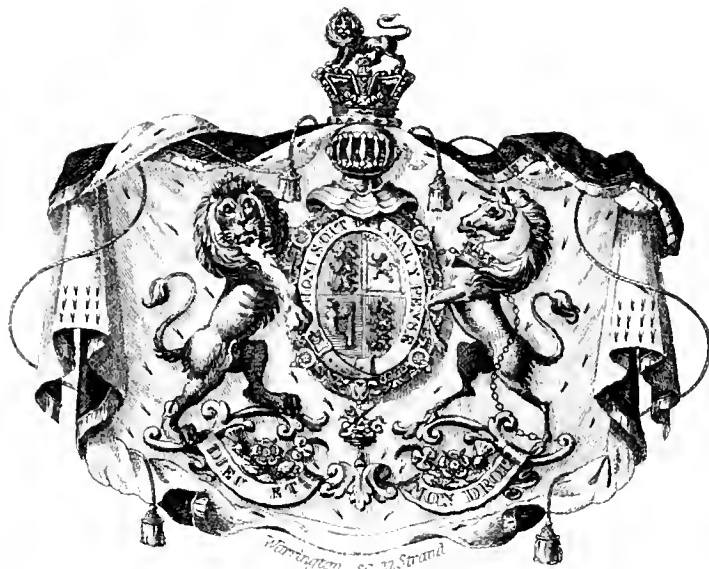
Mr. M. Gilroy you will have heard by this time. His
 happy mother of a little girl under Mr. Green's roof. Lady
 Hooker will & sends affectionate regards to you & her
 daughter Elizabeths you will be glad to know how well
 she is.

Paid
 Dr. J. J. Harvey
 Professor of Chemistry
 & Botany
 Cambridge
 New Jersey
 U.S.A.

I have not received the goods of which you were
 speaking. I will order some from a general nursery.
 I have also ordered of the Royal Botanic Society
 some seeds of the various plants of the
 United States which I will send to you
 as soon as I can. I am, Sir,
 your obedient servant
 W. L. Hooker



I have to say that you may in some way aid our
 Botanic Museum in the Royal Gardens - a Museum which
 may be called "Museum of Economic Botany". I wish to
 spend £100 in England to spend on exhibits, Mr. A. "Vegetable
 Products". Can you also send me a catalogue of good seedmen
 who have Arums, Penicums, & such other good seeds
 a good, both of the Northern & Southern States. I want very
 large quantities of Indian Corn (for Museum) & I want the
 best of the clean Corn for the same. You truly affect friend
 W. L. Hooker



Royal Gardens View

THE COMMISSIONERS of HER MAJESTY'S WOODS, FORESTS, &c., having been pleased to form a BOTANICAL MUSEUM within the Royal Gardens of Kew, the Director solicits the co-operation of Her Majesty's Ministers and Consuls in Foreign Countries, of the Governors of Her Majesty's Colonies, of Officers in the Army and Navy, Merchants and Travellers generally, to aid in contributing specimens towards so desirable an object.

The design is to bring together in one spot and to exhibit such interesting vegetable products from all parts of the world, as cannot be shewn in the *living* plants of a Garden, nor in the preserved ones of an *Herbarium*. The public may indeed see here, in a growing state, the rare *Lace Tree* of Jamaica, the still rarer *Ivory Palm-Nut* of the Magdalena, the *Bread Fruit Tree* from the Friendly Islands, and the *Cow Tree* (*Palo de Vaca*) from the Caraccas, together with a multitude of other plants of equal rarity and value. But the interest of these would be greatly enhanced, if, within the walls of the same Establishment, the curious and beautiful *Lace* of the first, the fruit and ivory-like seeds of the second, and the celebrated bread-fruit of the third, with the cream-like substance of the fourth, used as nourishment by the Indians, could be inspected.

Among the objects, therefore, which are to be collected and deposited, arranged and named in the Museum, are—

1.—FRUITS and SEEDS, especially those which are of large size, or possess any peculiarity of form or structure, entitling them to notice; such as *Pine-cones*, the various fruits of *Palms*, &c. &c. Many of these are naturally dry and require little care (except to be freed from moisture) previous to packing. Those that are about to burst open into valves, or to separate by their scales (all *Pine-cones* and *Araucarias*) should be bound round with a little pack-thread. The soft and fleshy kinds can only be preserved in wide-mouthed bottles, or jars, or casks, (according to size,) in alcohol, as rum, arrack, or in diluted pyroligneous acid.

2.—FLOWERS which are very large or peculiarly fleshy, and therefore unsuited to the *Hortus siccus*. These ought to be preserved in alcohol or pyroligneous acid. Among those which would be much prized are, for example, the flowers of the *Victoria*, or *Gigantic Water Lily*, from the still waters of tropical South America; portions of the flowering branches of *Palms*, &c., the larger kinds of *Orchidaceæ*.

3.—ENTIRE PLANTS, or parts of them. Many have a very *fleshy* character, and ought to be preserved entire, in alcohol; or portions of the stem and branches (according to their size) with flowers and fruit: such are the rare kinds of *Stapelia*, *Orchidaceæ*, *Misseltoe*, *Rafflesia*, *Mesembryanthemum*, *Cactus*, *Aphyteia*, *Balanophora*, soft *Parasites*, and others of a similar kind.

4.—TRUNKS of TREES, portions and sections of them, especially when they exhibit any remarkable structure: as *Palms*,* and many other *Monocotyledonous* plants, *Tree Ferns*, *Zamias*, *Cycas*; and *parasitical stems* when exhibiting the union with the tree on which they live. Specimens of Wood should be truncheons, five or six inches long, and three or four in diameter, if the plant attains such a size.

X 5.—WOODS. Specimens of the kinds used in commerce, for veneering, cabinet-work, or other useful purposes, or such as recommend themselves by their beauty, hardness, or any other useful quality.

X 6.—GUMS and RESINS, especially those employed in the Arts or in Domestic Economy.

X 7.—DYE STUFFS of various kinds.

X X 8.—MEDICINAL SUBSTANCES. These are of vast importance, and merit the attention of Travellers in every country. Of many, it is not yet known, except to the natives who collect and prepare them, what are the particular plants that afford them. It is hoped that the present application may be the means of dispelling this ignorance among scientific Europeans, and that Travellers will endeavour to procure the *substances* and well-dried flowering *specimens* of the plants which afford them.

9.—GENERAL PRODUCTS of VEGETABLES. It would be extremely difficult, not to say impossible, to enumerate all of these which a Museum ought to contain; but the enlightened traveller can form a pretty correct judgment. Such as are *useful to mankind* cannot fail to be interesting. It would be idle to exhibit every well-known object of this kind, *Tea*, *Sugar*, *Coffee*, *Cocoa*, *Chocolate*, *Paper*, *Clothing*, &c.; but there are states, even of these familiar substances, which would prove both useful and instructive. The Cane of the Sugar might be advantageously exhibited, along with the different qualities, manufactured from the *Saccharum Officinarum*. Specimens of *Chocolate* and *Cocoa* would be suitably placed by the large fruit to show that both are products of the same tree. Paper, again, is made from an infinite variety of vegetable substances, and the different sorts are well worth collecting; from that afforded by the *Papyrus* of the Ancients (which gives the name) to what is manufactured out of the inner bark of an East Indian *Daphne* (or Spurge-laurel), and another from the pith of an unknown plant in China (the so-called *Rice-Paper*), or the leaves of a Palm in India, or Straw in North America. Of all such, the several states of preparation should be collected and exhibited, not only as objects of curiosity, but as exemplifying the progress of Art and Science.

Any Parcels or Packages which may come by Her Majesty's Ships, or by the Royal Mail, or Peninsular and Oriental Company's Steamers, should be addressed:

“On Her Majesty's Service. For the Royal Gardens, Kew.”

“To the Secretary of the Admiralty, LONDON.”

If by Merchant Vessels, or by private hands, to

“Sir William J. Hooker,”

“Director, Royal Gardens, Kew, LONDON.”

* Generally speaking it is desirable that a branch, dried and pressed, with flowers and fruit, should accompany the specimen, in proof of the exact tree or plant from which it is derived. As yet we are ignorant of the Tree which yields the *African Oak*, or *Teak*, so valuable in the Navy!

Could furnish a moderate pair of specimens of American woods named, a few inches in length & breadth, from any Carpenter or Joiner - answer to it.

Royal Gardens,

Green. April 13,

1849

My dear Mr. Darwin,

I do not know that
I ever received so interesting a collection of
plants as what you
have sent me from the
"Green nest." There is more
of rarity & of novelty
than I ever received
from N. America before.
You, & I trust Collier:
two will still be busily
employed in New
Mexico & California &
in Texas. I will be glad

write a Potemkin letter
to you at another time

My object just now
is to make known to
you my friend Dr.

Henander, a well in-
formed Politist &
Traveller. He has seen
a good part of Europe
& has travelled a con-
siderable way in
South Africa & is now
wishing to gratify him-
self by an excu-
sion in the New World.
Should receive him as
a friend of mine &

give him such advice
as a Potential & excellent
man need in the United
States.

Your ever faithful
& affectionate

J. J. Hoopers

Dr. Torrey
Professor of Botany
New York
or New Jersey

Recd. Am. 2/3

Royal Gardens, New.

April 9th 1853

You grant me Dr. Warriner's property in just dead. An
 were ever would at any given capital property &
 returned to the City
 property in
 Royal Gardens
 N.B.

My very dear friend, I am
 glad to hear this moment re-
 ceived your most welcome pack-
 et of seeds & your kind note,
 forwarded from London
 by the Rev. Mr. Hobot, with
 a note from him giving
 me the welcome into Citizens
 that he is coming out to New
 in a few days. On my table
 is lying a "Daily Packet List," so
 I turn to it & find that this is
 New York Packet & I most
 gladly put aside all other
 engagements that I may write
 to you a line of acknowledg-
 ment not only for what you
 send, but for your continued
 friendly & affectionate remem-

Branch of me & mine - more
precious than the Plants
of New Mexico & Califor:
nia, by their use & value
than. You are often in
our thoughts & often a topic
of conversation: - & more
especiall. were you, so when
our valued friends the
Greys were so near. Amongst
us a year & a 1/2 ago, & wish
you & Mr. Correy could
be with us in the same
way. The Greys live
near West Park, a mile
& a half from the Gar:
den. Now the Green has
given me a house on the
Garden & here we have,
since Christmas, removed
into it: - but with a steady

reduced family from which
we had a birth as when you were
with us in Scotland. Two have
fallen a sacrifice to consumption.
Our eldest daughter Maria
is married to your son
a Scotch free Kirk Minister.
— my only remaining son, Dr.
Hooker, after having
served as a Traveller, has
married a year or a half ago
the eldest daughter of the
Professor of Natural History
now deceased by the birth
of a son, being the only
remaining unmarried daughter.
Elizabeth
she is now
married to a Medical
Gentleman the son of a
Clergyman in Norfolk.
Dr Hooker lives close by
us & with his friend &
Jellum Traveller, Dr Thomson,
(son of the ^{late} Glasgow Professor)

chemistry, and the other garden of a well known family are now
open. You must offer them a special offer of 1/2 p. for the
day.

Chemistry is working daily
in the gardens at their vast
Ludlow, Ransdagger & their
lectures Collections. In a few
days Dr. Wright joins them
here with all his apparatus
parted Collections of the whole
Madras Peninsula. Our
Garden alone would be
worth your coming to see
with our great Palm House,
the New Victoria House,
in a word our "Museum of
Economic Botany". A new
Museum is to be built here
forthwith a great room
for our own Library & Herbarium
adjoining my House.
Prof. H. R. Planché & his
former my friends arrived 4
days ago. His plants are
excellent. It is delightful to
see the U.S. going ahead
and it is certainly done in Botany
& Scientific Subjects. It is
an honor as if it were my own

Recd
May 6th

Royal Gardens,
New. Apr. 17. 1854

My dear Dr. Torrey,

It is not often that
I have any thing worth
sending to you: - but I
have thought you might
like to see my *Juncus*
of *Wellingtonia*: - & if
as I believe some gentleman
from California
one now in New York
(as Mr. Lobb tells me
they are) you will
perhaps kindly hand
the other copy to them,
Messrs. Sanford & Williams,

— who are said to have taken
the Bark & specimens of
Wood of the famous
tree to your city for ex-
hibition.

I often hear of you from
our friends Gray. I wish
you would come & see
us as he did. You would
see a Garden & Herbar-
ium that I am sure
would give you pleas-
ure to inspect. — The
latter augmented since
Asa Gray was here by
all Dr. Bromfield's Her-
barium & all Mr. Bart-
ham's — a few libra:

ries are also presented
here. Our garden how-
ever does not yet profess,
what I understand you
have living, the 2^d spe-
cies of Torrey's. It is
certainly hard to form
a character by which to
distinguish it
from the U. S. species,
— yet it surely must be
different. The figure
I send you is taken from
a specimen of the ordinary
size — a fruit & every
part on all layers in pro-
portion. It is a very
fine thing. California
will yield lots of fine things

yet. Jrs Hooker & Thomson
are very busy here with
their vast collections, &
are printing a specimen of
their Flora Indica. Dr. Hooker
is also engaged on the
Flora Tasmaniae, - his
Fl. of N. Zealanda having
been just completed.

Lady Hooker is just now
on a visit to her sister at
Oxford, or she would
join me in affectionate
regards & good wishes
to you & all yours. Your
last brochure of new Plants
was beautiful. Your Pithou
Plant glorious. Shall you
ever have a specimen before.
Dear yours W. J. Hooker

Royal Gardens,

Thurs. Aug. 18. 1854.

My dear Dr. Loxley

I am quite sorry that fear-
ty for having the "Great Cal-
ifornian Tree" has failed. I
suppose the Commissioners con-
sidered the price asked for
it would be enormous: - &
at any rate they would not
care to purchase that which
they had not the opportunity
of seeing. Indeed many
strangers, I mean those not
interested in the property of
the C. Palace, conceive that
the enormous sums expen-
ded upon it, can never bring
an adequate return. Here is

writes approaching a Sydenham
at a considerable distance from
London when the visitors
must be expected to fall off.

I apprehend too the Company
think that the "Fair" however
extraordinary & interesting
once seen, the public would
not much care to see it a se-
cond time, I mean as a general
feeling: - & I am not sure but
the "Fair" would pay better if
substituted in London, where
every one would pay his
shilling who would not care
to pay their 3 or 4 shillings: - & it
can hardly cost less on the
at cheapest days to go and to
Sydenham.

Yesterday I was gratified

by a visit from Dr. Piskering,
a very talented & interesting &
agreeable man. I am only sorry
my son was not at home, & that
he is on a visit in the North.

I am much disposed to agree
with those Botanists who consid-
er not really distinct genera
from *Sequoia*: - but the habit
is very different, & essentially it
is as distinct as many genera
of *Juniper*. There are also
differences in the flowers. The
question now a days is what
is to constitute a genus (at least
a species), in plants. I am
still puzzled about the new
Juniper. Botanically, there
seems no difference between
that & the original species,
but look at the plants & the
fruit, & it seems preposterous
to consider them identical.

You should come & see the

Sydenham Palace while it is
in its glory. I think too you
would find attractions at
New in our Garden & Museum
& vast Herbarium. See our
copy of Botanicists about us
too. I am too old to travel

The Grays visit was a source
of great pleasure to us. Accept
Lady Hooker's best regards
& believe me ever,

Faithfully &
affectionately

Yours,

W. E. Hooker.

Wm. Linnæus

Recd. Aug
26.

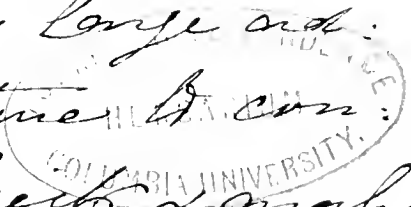
Royal Gardens, Kew.
Jan. 9. 1856.

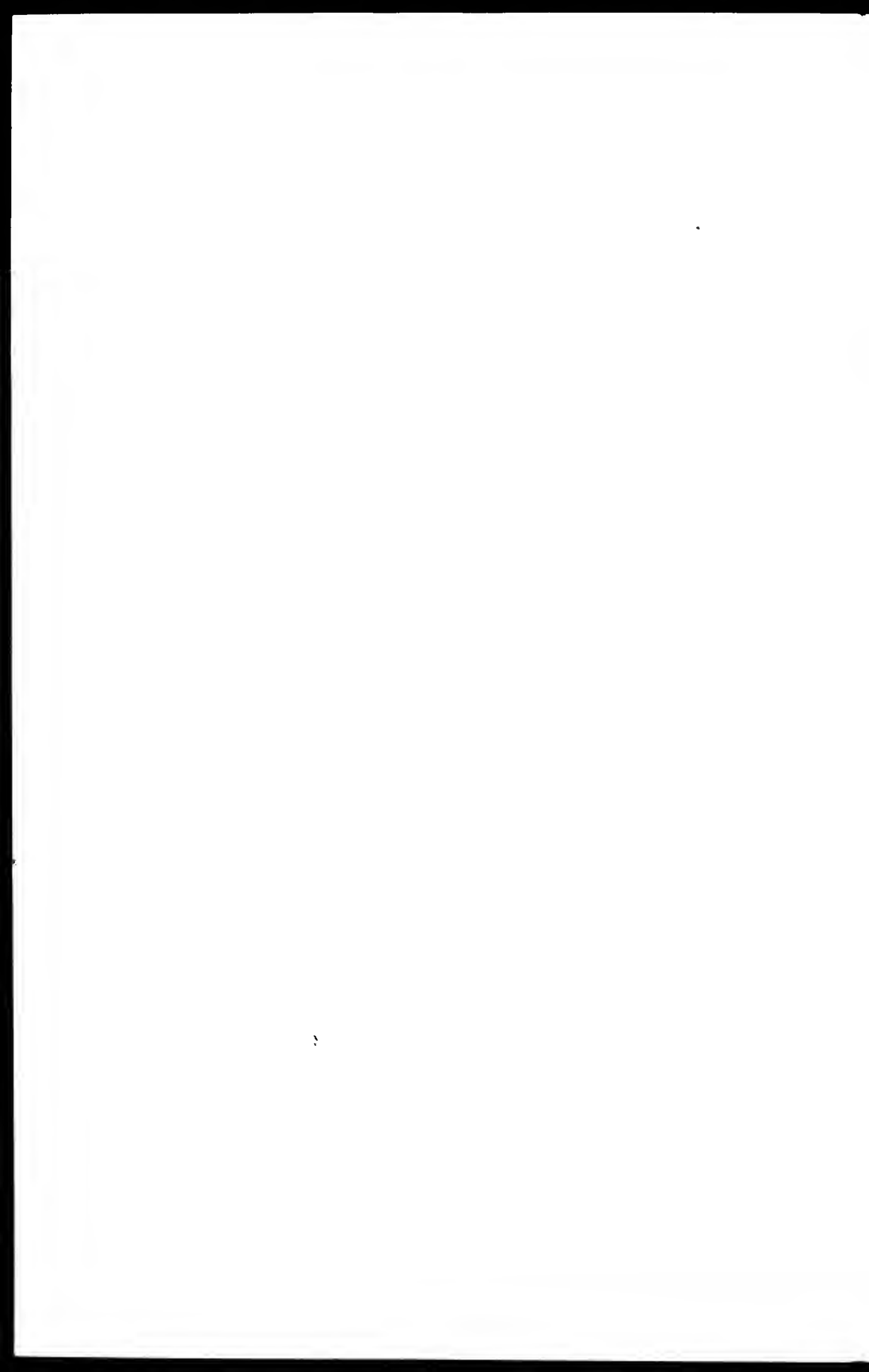
My dear Dr. Farner.

On my return from France, where I had to spend more than 2 mo. on duty, I found your letter with mingled feelings of grief & pleasure. Pleasure to have again news direct from a faithfully attached friend, & grief at the heavy loss you & your dear family have now sustained. Happily you & they do not sorrow as those who have no hope, & the consolation is that she who is gone before you is freed from all sorrow & pain for ever & ever will soon to quicken you to make you calling & clear: true sure & prepared to

meet her. I have now myself
passed that ordinary term of
man's life, 3 score years & ten:—
& of the friends of my early
youth almost none remains.
I am too in the 50th year of my
botanical career, for I always
reckon that to commence with
my discovery of Peperomia, &
that took place 1/2 a century
ago exactly. May I not
hope that you will yet
once more pay a visit to
England? The voyage is more
expedient than it used to be. I
am sorry we missed seeing
your daughter as she passed
through London & forwarded
the ship here: but when
Lady Hooper called at her
drefs she was gone to the Continent.

ment. She was hardly at Paris
& I think in time for the Expo-
sition Universelle. That would
have been a sight for her. I
was there till some time be-
yond the close - for I had a
part assigned me by the im-
perial commission & after
the Jury business was finished
I had to cater for our Museum
a brought away, or had sent,
30 great cases of purchases,
or, chiefly, presents. These,
in addition to what we have
already, raises our Museum of
Vegetable products to a very
high grade: so that we are
building a very large ad-
ditional structure to con-
tain all our objects & make
allowance & provision for
daily future additions.





I much now thank you heartily for the books you have sent me both by your kind daughter & just now by our friend Gray, Marcy's Report with Maps & the Explorations & Surveys for a Rail road route to the Pacific. I confess I take a great interest in all these Reports & the more so, as I profess, thanks to my American friends, so many of the plants gathered on these routes. The plates & Maps of this last vol., will, I am sure be very interesting & the narratives of the exploration. It cannot be expected, where so many different persons are employed, they should be all alike in quality. Barchin:

Bridges's plate of Ferns are very well executed.

I have just put up a roll for Dr. Asa Gray which will go in a day or two containing a portrait of ^{me, for you} ~~Asa~~ which Lady Hooker says is the only good one ever made of me.

A Mr. Henry Stevens of Morley's Hotel, London, who designates himself "Agent for the Smithsonian Institution", voluntarily assures me that he is permitted to receive & send Scientific Books, Prints & to & from Scientific persons in the U. S. free of charge. This is a great boon for this I can send bulky parcels free by R. M. Steamers from Liv., it is hardly worth sending small packages by that conveyance. Most aff. truly
Yrs W. L. Hooker.
Lady Hooker is in aff. remembrance.

Ed. 9.

Amst. Feb 12,

by Mr. Tadiant

Sept 23, 1850.

My dear Dr. Linnæus,

There are few things, for which
I have to remark on your so
gracious as for not having yet
acknowledged all your kind
offers in being distinguished
in my ^{LIBRARY} ~~collection~~ that more
interesting collection made in
Whitby's & his wife's collection. I am
sure, I am quite sorry. (as
~~it is not yet acknowledged~~
yours to Washington, as soon
as you will find: a plan
and my impression was that
I wrote to you at the same time.
You shall that I did not feel
forgive me. In fact I made
an unusually long holiday this
summer, going over my friends &
connections in Scotland, where

had not been for 16 years. This
probably may afford some excuse
for my apparent neglect of you.
But though I did not acknow-
ledge their debt by to you I am per-
fectly aware that I did not reply
to your queries respecting some of
the ferns: - that was perhaps a
little what I have not then in
command. But this has
been, if not to the fullest ex-
tent, accomplished: a copy
of the notes I have made. The
plants you will observe are
not numbered. One is
Hypolepis California (Hook.) -
aspidotis, Nutt.
Pteris (Pellaea Hook.) andromeda,
folia 2 forms, or species?
Cheilanthes Fendleri.
Cheilanthes Brandegeei Hook
(N. P.).

Cistopteris fragilis (L. var. *Stromb.*)
near *Hypolepis Californica* - by
mistake.

Cheilanthes vestita (N. M.)

Lycopodium rupestre (C. C. C.)
Selaginella struthioloides.

Polypodium vulgare, var. *occid.*
dentale. Hook.

Polypodium intermedium,
Hook. (a *Megacarpus* of Presl!

Polypodium intermedium, Presl.
et Arn.

Both since that collection
I have received a more extensive
one from the "Mexican
Botanical Collection", dried
things ^{our} the foreign office
from Washington. It is
just for which I have sent
special thanks to Martin,
but a fairly thin, a most
interesting set for which
I have I am indebted to you.
I cannot tell you, whether there

I shall write you more fully
soon.

I regret to say that we have
seen nothing of your dear
daughter, or either of her
sisters, or the Continent, nor
are we near home, if she is
near your home! without
seeing us.

Dr. Huchison's Wife &
a large party set off for the
continent as usual in Decem-
ber, the end of August, &
they are now at the great
meeting at Vienna.

I have a letter today from the
dear Mrs. who has heard the
impression of Dr. Huchison. Lady
Huchison sends kindest regards,
she is mourning for the loss of
one of Dr. Huchison's children (the
little daughter) who last fall was
sick - she is in an agonizing
state. Yours M. J. Hooker
Miss's name is in the safe & will go by
the next opportunity.

Recd. June 24.

And Feb. 23

(Sent in an envelope
to Mr. Tothunt
at Boston)

to you of students.

Nov. 5. 1850

Dear Mr. Tothunt

A happy new year to
you and your excellent
family. I will write you
soon by mail.

I am working hard at
a new book of my son's
of the Librarian, I am quite
wonderfully busy, but I have
the time to send you
the enclosed Librarian
of my son's journal & list
of my articles in German.
an miserable war in
that part. I have
some 12 dozen bits, which

Dr. Goldie yours & years ago
a small sterile female
accompanied by an equally
imperfect fertile one from
R. J. Greene. Both not
a bit of a spot on our
sample showing the two
found from the same
spot. Now, same in
William's Form., 2^d Ed.
'848. p. 86, says he has re-
ceived fine specimens of
"from rocks, New York," ga-
thered in J. C. C. Kern.
Would you kindly send
me some good specimens
specimens with adven-
ced fructification?
I am sure that same

except this is a distinct species
from *Cryptogramma crispata*.
Both I have been long led
to look upon them as the
same: & what is more,
I can find no difference
in specific characters in all
the supposed species of
Cryptogramma, in those
where I have come
under my observation
in a good state. And
strange to say, I have
labels received from
Kinnelunga, among the
so called *Crypt. Pinnor-*
ocina specimens that are
identical with mine of
C. gracilis from Goldie &
Greene, & identical with

See Gray's excellent figures in
the late ed. of his 'Flora'.
From a special word I can
certainly see whether, in any ed.,
nominal state, the fertile
primord. are protruded and
a covered with sori, as in
a nominal crispata.

I was more pleased than I
can tell you. I find our true
P. crispata in Dr. Bigelow's very in-
teresting collection made
"Gray's Valley" California.

I have sent you a letter
friends of the late Dr. Brown,
field the posthumous
little vol. (for private distrib-
ution) of that excellent man,
his Egyptian Journal. Accept
from me, best regards & wishes
believe me, faithfully,
yours, W. H. Hooker.

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1000000

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17

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