

TESTIMONIALS

IN FAVOUR OF

JOSEPH DALTON HOOKER, R.N.,

M.D., F.L.S.,

AS

A CANDIDATE

FOR

THE VACANT CHAIR OF BOTANY

IN THE

UNIVERSITY OF EDINBURGH.

---

IN FOUR SERIES.

TESTIMONIALS

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JOSEPH DALTON HOOKER, F.R.S.

1845

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1845

THE LAYERS CHAIN OF BOTANY  
A CANDIDATE

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UNIVERSITY OF EDINBURGH

*Wm Yarrell, Esq  
with Dr. Hooker's  
best thanks*

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FIRST SERIES.

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EDINBURGH:

PRINTED BY NEILL AND COMPANY.

MDCCCXLV.

TO THE

RIGHT HONOURABLE THE LORD PROVOST,  
MAGISTRATES, AND COUNCIL OF THE CITY OF EDINBURGH.

EDINBURGH, 26th August 1845.

MY LORD AND GENTLEMEN,

*I have the honour of proposing myself as a Candidate  
for the vacant Chair of Botany in your University.*

*In furtherance of my claim, I beg leave to mention, that I  
have devoted the last seven years of my life exclusively to the  
study of Botany; that I had the honour of being appointed  
Botanist to the late Antarctic Expedition, under the command  
of Capt. Sir James Clark Ross; and that the Government have  
entrusted me with a sum of money to assist in the publication  
of a Scientific Work, now appearing under the auspices of the  
Lords Commissioners of the Admiralty, which will include, be-  
sides the plants collected by myself, those of Capt. Cook's and all  
preceding Government voyages in the same regions; and that  
I have been further engaged in preparing for publication the  
Botany of the late Niger Expedition.*

*In April last I was requested by Dr Graham to undertake  
the duties of his Class. I would refer to the accompanying  
Testimonials in proof of their having been conducted to the  
satisfaction of my lamented Friend, and that of his Colleagues*

in the University, and of the Class at large. To these are added two others, from Baron Humboldt and Mr Robert Brown, which were wholly unsolicited on my own part.

I am at present engaged in collecting farther Testimonials of my qualifications, from the Botanists, and especially the Professors of Botany, of our own country and the Continent. These I shall take leave to lay before the Honourable Board as soon as they can be procured.

I have the honour to be,

MY LORD AND GENTLEMEN,

Your very obedient Servant,

JOSEPH D. HOOKER.

## TESTIMONIALS.

I.—*Extract from a Letter to Sir WILLIAM JACKSON HOOKER from Baron ALEXANDRE VON HUMBOLDT.*

MON CHER ET ILLUSTRE AMI,

Je ne puis vous exprimer assez vivement comment j'ai eu de jouissance à voir un fils si digne de vous et de votre nom, — à voir combien il est instruit, modeste, simple, plein d'amenité de caractère. C'est une belle chose que d'avoir pu, à un âge si jeune, être associé à une des plus mémorables expéditions, et d'avoir rassemblé des observations si importantes pour toutes les parties de la Botanique, surtout pour la distribution géographique et météorologique des plantes, qui m'intéresse tant. Je n'écris ce peu de lignes à mon ancien et excellent ami Sir William Hooker, que pour lui renouveler l'hommage de mon invariable et affectueux dévouement.

ALEXANDRE HUMBOLDT.

A PARIS, ce 14 Février 1845.

Que j'ai du chagrin de ne pas me trouver à Berlin, pour y recevoir dignement votre fils.

TRANSLATION,

MY DEAR AND ILLUSTRIOUS FRIEND,

I cannot sufficiently express to you the pleasure I have felt in seeing your Son—so worthy of you and your name;—in

observing how well informed he is, and the modesty, simplicity, and kindness of his character. It speaks well for him to have been thought worthy, at so early an age, of being associated with one of the most memorable of expeditions, and to have made observations so important in every department of Botany, but particularly in regard to the distribution of plants as connected with geography and climate—a subject peculiarly interesting to myself.

I write these few lines to my old and excellent friend, Sir William Hooker, only to renew to him the expression of my unalterable and affectionate attachment.

ALEXANDER HUMBOLDT.

PARIS, 14th February 1845.

P.S.—I regret that I am not at Berlin, so as there to receive your Son in a suitable manner.

II.—*Certificate by* ROBERT BROWN, LL.D., F.R.S., *Member of the Institute of France, &c.*

BRITISH MUSEUM, March 18. 1845.

Having been requested to express my opinion of Dr Hooker's attainments in Botany, I have great pleasure in stating, that I consider him not only highly qualified for the duties which, with the approbation of the Lord Provost and Principal of the College, he has undertaken to perform, as the Assistant of his friend Dr Graham, the Regius Professor of Botany in the University of Edinburgh (the state of whose health has rendered such assistance necessary), but also, in an event which I sincerely hope may be distant, that his appointment to the Professorship will not, in any degree, lessen the character of the University, as a School of Medicine.

My opinion of Dr Hooker's qualifications is founded on my personal acquaintance with him for seven years,—on my belief that he has entirely devoted himself to the Science of Botany—

on my knowledge of his having diligently availed himself of the excellent opportunities enjoyed, in having repeatedly attended the Botanical Lectures, and had the freest access to his Father's extensive collections, and on the proofs he has given of his devotion to the Science, and the progress he has made in the systematic department of the same subject, namely, the activity and intelligence he has shewn in the collection of materials during the late Antarctic voyage, which he accompanied; and, more especially, the accuracy with which he is communicating to the Public the botanical results of that voyage in the work upon which, with Government assistance, he is at present engaged.

I should regard this testimonial to Dr Hooker's merits as incomplete, if I did not also vouch for his amiable character and disposition.

ROBERT BROWN.

III.—*Letter to* Dr GRAHAM *from* Dr CHRISTISON, *Professor of Materia Medica in the University of Edinburgh.*

MY DEAR GRAHAM,

I was highly pleased with the originality of design, and elegance of diction, of Dr Hooker's first lecture, as your deputy; and the lecture I heard the other day was extremely clear, close, and instructive, and shewed perfect familiarity with the details of his subject. Those of Dr Hooker's pupils with whom I have conversed respecting him, have given me a high character of him, for the perspicuity and precision of his whole lectures. Considering these circumstances, and his intimate knowledge of Botany, and extraordinary zeal as a cultivator of the Science, I feel convinced that he will prove an able Teacher of it; and I must add, that his engaging character and manners add, in my opinion, a most important qualification to all the others he possesses, for becoming a sound and attractive Teacher of youth.

I was much gratified to learn that you had borne your jour-

ney so well, and that you have been comparatively more comfortable since your arrival in the country.

I am always yours most truly,

R. CHRISTISON.

EDINBURGH, Aug. 2. 1845.

IV.—*Letter to Dr GRAHAM from Dr TRAILL, Professor of Medical Jurisprudence in the University of Edinburgh.*

MY DEAR FRIEND,

I know it will gratify you to be assured, that, after having heard Dr Hooker lecture, as your assistant this summer, I am firmly convinced of his high qualifications as a Scientific Naturalist, and as an accomplished and efficient Teacher of Botany; while, from my own observations, as well as from the reports of others, I am fully persuaded that he has been a most acceptable instructor to the students in our University.

With best regards to Mrs Graham and your family, believe me, very faithfully yours,

THOS. STEWART TRAILL.

EDINBURGH UNIVERSITY  
August 4. 1845.

V.—*Letter to Dr GRAHAM from PATRICK NEILL, Esq., LL.D., &c.*

MY DEAR SIR,

I well know that you would ascribe my not calling at your house to the real cause—the fear of intruding. But I feel no scruple in writing to you, and cordially thanking you for all you have done for Botany in Edinburgh,—in instituting Prizes, in establishing the Botanical Society, and in securing so

excellent a substitute as Dr Hooker, when it pleased Providence to prevent your lecturing. Willingly do I take this opportunity of mentioning that I heard Dr Hooker on, perhaps, the most abstruse part of the course—the form and position of the ovule in the ovarium; and that he illustrated the subject by well-drawn figures on the board, and by magnified sketches; the latter being, I believe, some of the admirable ones prepared by his distinguished Father. I also heard him demonstrate three of the Natural Orders in a very clear and satisfactory style.

I state these things, because I know it must be a great consolation to you to believe that the class was well taught.

With sincere good wishes, I remain yours very truly,

PAT. NEILL.

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SECOND SERIES.

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MDCCCXLV.



## TESTIMONIALS.

VI.—*From the Right Honourable the EARL OF MINTO, First Lord of the Admiralty when the Antarctic Expedition was Commissioned.*

MINTO, 24th August 1845.

DEAR SIR,—I have just learned from Sir William that you are a Candidate for the vacant Chair of Botany in Edinburgh, and I cannot refrain from the expression of an earnest hope that the University may be so fortunate as to enrol you amongst its Professors.

I know not if any testimony of mine can be of service to you; but it is right that the Patrons should be aware, that, in an expedition prepared with so much elaborate care and attention as that of Sir James Ross to the Antarctic Seas, you were selected, for your high qualifications, by the Admiralty, to officiate as Botanist to the expedition; and that your able and indefatigable exertions in that arduous enterprise were such as to obtain the warmest commendation from your distinguished Commander, and the marked approbation of the Admiralty. Some judgment may indeed be formed of the value and importance of your services, from the Flora Antarctica now in the course of publication; although the public cannot be aware of the pure and disinterested zeal for science which engaged you in the expedition and in the subsequent publication of its Flora, without a thought of profit or advantage to yourself.

I shall be extremely glad to learn that your reception has been such as to hold out a prospect of our retaining you in this country.

Believe me, dear Sir, yours faithfully,

Dr HOOKER.

MINTO.

VII.—From Captain Sir JAMES CLARK ROSS, F.R. & L.S.,  
&c., &c., *Commander of the Antarctic Expedition.*

ACTON HOUSE, AYLESBURY,  
25th August 1845.

MY DEAR SIR,—I am very glad to hear you are a Candidate for the vacant Chair of Botany in the University of Edinburgh, not more for your own sake than for the good of that branch of science to which you have devoted the whole powers of your mind. Although I have many relations and friends in Edinburgh, I fear that none of them are in the Town-Council, with whom the election rests; but, if any recommendation of mine can have any influence with that body, I shall only regret that I cannot express, in sufficiently strong terms, how fully qualified I consider you to be in every respect to fill that honourable situation. Your untiring zeal, activity, and devotedness, in obtaining and arranging the splendid botanical collection which you made during the voyage of the Erebus and Terror, can only be equalled by the ability with which the beautiful and creditable Flora Antarctica is now being published by you. I think the Town-Council will have great difficulty in finding a fitter person than the author of a work, which will long remain a monument of high talents as well as of national skill, to fill the Chair so recently vacant by the decease of our lamented and amiable friend Dr Graham; and combining such high scientific attainments with so many other estimable qualities.

Wishing you most ardently success, believe me to remain,  
yours very faithfully and sincerely,

JAMES C. ROSS.

Dr J. D. HOOKER.

VIII.—From CAPTAIN BEAUFORT, R.N., D.C.L., F.R.S.,  
*Hydrographer to the Admiralty, an eminent promoter of Scientific Voyages; Corresponding Member of the Institute of France.*

ADMIRALTY, August 23. 1845.

I may not venture to give any judgment of my own on the botanic skill of Dr Hooker; but the very high testimony borne to his merits by his late Captain, Sir James Ross, my own knowledge of his active mind and energetic character, and the esteem and affection which he excites wherever he goes, tempt me to say that I believe there are few men living who would more worthily and more successfully fill the Botanic Chair of Edinburgh.

F. BEAUFORT.

IX.—From Captain Sir W. EDWARD PARRY, D.C.L., F.R.S.,  
*Commander of several Scientific Arctic Expeditions.*

ADMIRALTY, 26th August 1845.

MY DEAR SIR WILLIAM,

Understanding that your Son, Dr J. D. Hooker, is a Candidate for the Chair of Botany in the University of Edinburgh, I cannot refrain from expressing to you my earnest hope that he may prove the successful Candidate. From all that I have heard of Dr Hooker, especially from my friend Sir John Franklin (whose absence from England at this moment I much regret, on your son's account), I have no hesitation in saying, that he would do honour even to the high and responsible post to which he aspires. His education—and, may I not add, his parentage—has peculiarly fitted him for a Botanist; and his zeal for that department of Natural History was sufficiently evinced by his entering the Navy, and courting the privations of an arduous enterprize, to enable him to pursue his botanical researches.

The interest I have taken in your Son's valuable labours, and my knowledge of the zeal with which he prosecutes them, will, I hope, be a sufficient apology for my troubling you with this communication. I cannot presume to hope that any testimony of mine on the subject can have much weight with the Authorities upon whom the Election devolves; but if you think this note, or any more formal testimonial from me, is likely to weigh a feather in the right scale, you are at perfect liberty to use it in any way you think best.

I will only add, that, as a very old *Collector* of Plants, though no Botanist, I cordially hope that the University of Edinburgh may have the advantage of your Son's talents and energy in the now vacant Chair, to which, I believe, no individual would do more credit.

I remain, my dear Sir William, your faithful Servant,

SIR WILLIAM J. HOOKER.

W. E. PARRY.

X.—From Dr JOHN RICHARDSON, F.R. & L.S., *late Naturalist to Sir JOHN FRANKLIN'S Arctic Expeditions, Deputy-Inspector of Fleets and Hospitals.*

HASLAR HOSPITAL, 25th August 1845.

MY DEAR SIR,—Hearing that your Son, Dr Joseph D. Hooker, is a Candidate for the Chair of Botany in the University of Edinburgh, I gladly avail myself of the opportunity of testifying to the opinion I entertain of his fitness for the office, founded not only on the excellence of the important botanical works which he has published, but also on an intimate knowledge of his moral worth and scientific acquirements.

My friend Sir John Franklin, when Governor of Van Diemen's Land, had an opportunity of observing Dr Hooker's conduct during his researches in that colony, and has repeatedly mentioned to me the high opinion he held of his activity and ardent zeal in the pursuit of science; and but for Sir John's absence in the command of the Arctic Expedition, I would have left it to that officer to make this statement himself.

I have merely to add, that the value and completeness of the collections of plants made by Dr Hooker in Tasmania, and other Southern lands, shew that his activity was directed by knowledge.

Having been engaged in the publication of the zoological specimens collected by Dr Hooker on the Antarctic Expedition under command of Sir James Ross, I beg also to mention, that his notes and excellent drawings on these subjects shew that his requirements are great in other branches of Natural Science as well as in Botany.

With sincere wishes for the attainment of your Son's object, I remain, my dear Sir, yours faithfully,

JOHN RICHARDSON.

SIR WILLIAM J. HOOKER, &c. &c. &c.

XI.—From Dr LINDLEY, Ph. D., F.R.S. & L.S., *Professor of Botany in University College, London.*

HORTICULTURAL SOCIETY, 21 REGENT STREET,  
LONDON, August 23. 1845.

MY DEAR SIR WILLIAM,

I rejoice to hear that Dr Joseph Hooker has come forward as a Candidate for the Chair of Botany at Edinburgh. A man better qualified than I conceive him to be, could be hardly found; and, in some respects, he can have no rival of equal pretension; because, in addition to the science which he so eminently honours, as his published works abundantly declare, he has the invaluable advantage of having had several opportunities of visiting parts of the world whose vegetation is entirely different from that of Europe. It is now 17 years since I was appointed to the Chair of Botany in University College, London, and it is with me a constant subject, not only of regret, but of difficulty, that all which I have to say upon Foreign Botany is confessedly derived from the study of dried specimens and garden plants.

I consider it quite unnecessary to advert to Dr Joseph Hooker's Botanical attainments; for that he already stands in the first rank of scientific Botanists, is admitted by all who are acquainted with his writings and discoveries. Pray believe me to be yours truly,

JOHN LINDLEY.

Str W. J. HOOKER, K.H., &c., &c., &c.

XII.—From the Rev. J. S. HENSLAW, M.A., F.L. & G.S.,  
Professor of Botany in the University of Cambridge.

TO THE TOWN-COUNCIL OF EDINBURGH.

GENTLEMEN,—As I find that Dr Joseph Hooker wishes for Testimonials of his proficiency as a Botanist, to present to you, as Electors to the Botanical Chair at Edinburgh, I have very great pleasure in assuring you, that I have been personally acquainted with him for several years, and am confident that your choice could not fall upon any one more likely to do both you and himself credit in the Professorship. Botany has been the study of his life, and his acquirements are such as qualify him for the very first ranks in this department of science. It is somewhat presumptuous in me to think of recommending one who is far my superior in botanical knowledge; and his reputation is such, that I am convinced, if you needed it, he could obtain Testimonials from the first Botanists in Europe. I most heartily wish him all success, and beg leave to sign myself your very obedient servant,

J. S. HENSLAW,  
Professor of Botany in the  
University of Cambridge.

23d August 1845.

XIII.—From ACHILLE RICHARD, Member of the Institute,  
and Professor of Botany to the Medical Faculty in Paris.

PARIS, ce 24 Août 1845.

MON CHER MONSIEUR,

J'apprends que la place de Professeur de Botanique est vacante à l'Université d'Edimbourg, et que vous êtes parmi les candidats pour succéder à l'excellent et regrettable Dr Graham. Je ne puis vous exprimer combien je desire vivement vous voir réussir dans cette circonstance. Les voyages pénibles que vous avez entrepris dans l'intérêt de la Botanique, les travaux que vous avez publiés, et surtout ceux qui ont rapport à la Floré des Régions Polaires, me paraissent des titres qui vous placent au premier rang parmi les prétendants à la succession du Prof. Graham.

Vos ouvrages m'avaient donné une haute idée de l'étendue et de la solidité de vos connaissances en botanique. Votre séjour parmi nous, les conversations que j'ai eu avec vous sur les points les plus difficiles de la science, ont encore augmenté et affermi l'estime que je faisais de vos talents. Le nom que vous portez vous impose une charge qui, j'en suis sûr, n'est pas au dessus de vos forces, et vous avez déjà prouvé que vous suivriez dignement la carrière que votre illustre Père parcourt avec tant d'éclat.

Si mon faible témoignage pouvait vous être bon à quelque chose, je serais trop heureux de vous donner des preuves de l'estime et de l'attachement que vous avez inspiré à votre tout affectionné.

A. RICHARD,  
Membre de l'Institut, Prof. de Botanique à la  
Faculté de Médecine de Paris.

Veuillez, je vous prie, offrir mes salutations respectueuses à Monsieur votre Père.

## TRANSLATION.

PARIS, 24th August 1845.

MY DEAR SIR,

I hear that the Chair of Botany in the University of Edinburgh is vacant, and that you are among the candidates for the post lately held by the excellent and much-to-be-regretted Dr Graham. I cannot express how ardently I desire to see you succeed in this object. The laborious voyage you have undertaken in the cause of Botany, the works you have published, particularly that on the Flora of the South Polar Regions, appear to me sufficient title for placing you in the first rank among the aspirants for Dr Graham's office.

Your publications had already given me a high idea of the extent and depth of your botanical knowledge; but your stay among us, and the conversations I held with you upon the more difficult branches of the science, only confirmed and increased my estimation of your talents. The name you bear imposes obligations which, I am very sure, are not above your powers; and you have already proved yourself capable of worthily following the brilliant career of your illustrious Father. If my feeble testimony can be of the slightest service to you, I shall feel too happy in thus proving the esteem and attachment which you have inspired on your sincerely affectionate

A. RICHARD,

Member of the Institute, and Professor of Botany  
to the Medical Faculty of Paris.

Present, I beg, my respectful regards to your Father.

XIV.—From G. BENTHAM, Esq., F.L. and H.S., *late Secretary of the Horticultural Society, and Author of very many Botanical Works.*

PONTRILAS HOUSE, HEREFORD,  
August 23, 1845.

MY DEAR SIR WILLIAM,—It is a great gratification to me to

be allowed to add my testimony to that of other botanists to the eminent qualifications of your son, Dr Joseph Hooker, for the Chair of Botany in the University of Edinburgh. In looking over and consulting the valuable notes and drawings made by him during his Antarctic voyage, in discussing with him difficult questions of scientific botany, in studying the portions already published by him of his Flora Antarctica, I have had too frequent opportunities of appreciating his accuracy of observation, his high scientific attainments, and power of clear illustration, not to be convinced that, if selected for the Chair in question, he will be an honour to the University. I am sure, also, that no appointment would give greater satisfaction to the botanical world both at home and abroad, where his reputation as a botanist is widely established, as I have had full opportunities of ascertaining, both during a recent visit to Paris, and from the letters of my botanical correspondents in various parts of the Continent.

Sincerely trusting, for the sake of science as well as for that of the botanical students of the University, that your Son will succeed in obtaining the Chair, believe me, my dear Sir William, yours very sincerely,

GEORGE BENTHAM.

Sir W. J. HOOKER.

XV.—From J. J. BENNETT, Esq., F.R. and L.S., *Secretary of the Linnean Society, Assistant-Keeper of the Botanical Department, British Museum.*

BRITISH MUSEUM, August 22, 1845.

Having been requested to state my opinion of the merits of Dr Joseph Hooker as a Botanist, and of his qualifications for filling the Botanical Chair in the University of Edinburgh, it affords me sincere gratification to bear an humble but unhesitating testimony to his great acquirements in Botanical science.

A Botanist by birth, and placed from his earliest years in the most favourable circumstances for cultivating the science to which he has devoted himself, he most zealously and assiduously

availed himself of the peculiar advantages of his position; and, treading in the footsteps of a Father who has long been ranked among the most distinguished Botanists to whom this country has given birth, he has afforded ample proofs of his ability, and of his determination to maintain unimpaired the high reputation which he inherits.

His merits as a Botanist, which had been made known by various publications previous to his voyage to the Antarctic Regions in the scientific expedition under the command of Captain Sir James Ross, were subjected, during that voyage, and subsequent to its return, to a test, the result of which has satisfied the expectations of his warmest friends. The extensive collections which he formed during the progress of the voyage, have furnished him with the materials for a work which is universally regarded as one of the most beautiful, accurate, and important contributions to systematic Botany that has recently been given to the world.

The position in Botanical science which he has thus attained, and the extensive knowledge of which that position is the guarantee and the result, appear to me to render him eminently qualified for filling the Botanical Chair in the University of Edinburgh with a high degree of credit and advantage to the University; and I feel an entire confidence that, in the event of his appointment, the duties of the office will be most ably and efficiently performed.

JOHN J. BENNETT.

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XVI.—From DAWSON TURNER, Esq., M.A., F.R., and L.S.,  
*Author of Historia Fucorum, &c.*

YARMOUTH, 23d August 1845.

MY DEAR JOSEPH,—Understanding from your Father that it is desirable that you should be furnished with Testimonials as to your fitness for the situation to which I am most happy to hear that there is reason to hope you may be appointed, I

could not feel easy without your being furnished with one from me. At the same time, I would leave it to your own discretion whether to insert what I may send you or not; for it is impossible I should conceal from myself that there are two motives which it may fairly be thought might disqualify me from writing upon such a topic,—the conviction that, in so close a connection by blood, affection may possibly warp the judgment, and the fear, lest, arrived at my present age, some one should whisper in my ear that it were better to turn the old horse to grass, “ne peccet ad extremum ridendus, et illa deuat.” Setting aside, however, all apprehensions of this nature, I will not scruple to say, that I am most fully convinced that your being placed in the Botanical Chair at Edinburgh will be no less honourable and beneficial to the University and the city, than to yourself. And I give this opinion upon what I believe to be the safest grounds; for, independently of your publications, by which every one can judge of the extent and depth of your knowledge of Natural History, and consequent capacity to fill the place, I have read with pleasure and admiration the letters you wrote home upon the subject during your late laborious and hazardous expedition; and I am well acquainted with the no less persevering than energetic character of your disposition, your zeal for acquiring information, and your exceeding readiness in communicating it. To all this I can speak most unhesitatingly, and most glad shall I be to do so in any way you may point out.

I am, my dear Joseph, ever affectionately yours,

DAWSON TURNER.

Dr HOOKER.

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XVII.—From the Honourable and Very Reverend WILLIAM HERBERT of Spofforth, Dean of Manchester, Author of many Botanical Works, &c. &c.

SPOFFORTH, August 25. 1845.

This is to certify, that I entertain a high opinion of Dr Joseph Dalton Hooker's knowledge and skill as a Botanist, and

entertain no doubts of his perfect qualifications to fill the Chair of Botany in the University of Edinburgh; and I have every reason to trust that his appointment would be as beneficial to the students in the University as to himself.

WILLIAM HERBERT.

XVIII.—From Dr ROBERT KAYE GREVILLE, F.R.S.E.,  
*Author of many Illustrated Botanical Works.*

EDINBURGH, August 22. 1845.

MY DEAR DR HOOKER,—I can have no hesitation in acceding to your request, that I should express my opinion of your fitness to fill the Botanical Chair in the University of Edinburgh. I cordially bear my testimony to the energy and perseverance with which you have for many years attached yourself to Botanical Science; to the skill and industry which distinguished you as Botanist to the recent Antarctic Voyage of Discovery in H.M. Ships Erebus and Terror; and to the value of the publications which you are now conducting,—the result of your rich collections and numerous discoveries.

After so many public and abundant evidences of your knowledge and zeal, I feel amply justified in saying, that I consider you eminently qualified to fill the honourable situation for which you are a Candidate.

It is scarcely necessary for me to refer to the fact of your having already discharged the duties of the Professorial Chair, during the summer session of the present year, for my lamented friend Dr Graham.

I am, my dear Dr Hooker, very faithfully yours,

ROBERT KAYE GREVILLE.

JOSEPH DALTON HOOKER, Esq., M.D.,  
&c. &c. &c.

XIX.—From JOHN MIERS, Esq., F.R. and L.S., eminent for  
*his Botanical Writings and Travels.*

TEMPLE LODGE, HAMMERSMITH,  
23d August 1845.

MY DEAR SIR,—Understanding that your Son, Dr Joseph Hooker, is about to offer himself as a Candidate for the Chair of Botany in the University of Edinburgh, and the Directorship of the Botanic Garden of that city, I hope I may be allowed to offer my testimony of his high qualification to fill those important positions. With those who, like me, have the pleasure of being personally acquainted with Dr Hooker, and who have thus an opportunity of knowing the extent of his attainments, and his persevering efforts in his favourite pursuits, there can be only one opinion—that he would prove an ornament to the University, and, from his position and well-known zeal, would be enabled to render it the most essential services; but all who have seen the “Botany of the Antarctic Voyage,” must agree that this work has established a solid reputation for Dr Hooker, and has afforded the most undeniable proofs of his superior qualifications. The accurate observations and copious drawings of plants in their living state, the extent of the collections during the voyage, rendered doubly valuable from being made under difficulties that none but an experienced traveller can sufficiently appreciate, would, of themselves, have afforded a prominent character to Dr Hooker; but the work in question, which brings together the results of his labours, has displayed a depth of research that at once establishes his reputation as an Author, and a scientific Botanist of the highest standing.

The same important services that have been rendered to the world in the improvement and development of the Royal Botanic Garden of Kew, by one so renowned in the paths of science, may, in like manner, be expected from his Son for that of Edinburgh; and I shall sincerely rejoice, for the sake of

science, should Dr Hooker be chosen to fill the important station to which he aspires.

I am, my dear Sir, yours very faithfully,

JOHN MIERS.

Sir Wm. J. HOOKER, K.H., D.C.L., F.R.A., and L.S.,  
 &c. &c. &c.

XX.—From WILLIAM JOHN BURCHELL, Esq., D.C.L., F.L.S.,  
*the distinguished Traveller and Botanist.*

FULHAM, 26th August 1845.

The well-known and valuable works of Dr Hooker, and his important labours in Natural History, aided by his learning and acquirements, would seem to render quite unnecessary any public testimonial whatever to his fitness for filling the Chair of Botany in the University of Edinburgh; and in support of which, even the name of Hooker, so distinguished in that science, might be allowed to have sufficient weight. But if, as a Candidate, the testimony of his friends be required, I can offer mine with the fullest confidence, that Dr Hooker will fill that Chair with the greatest advantage to the University and to Science, and with honour to himself.

WM. J. BURCHELL.

XXI.—From Dr FRANCIS BOOTT, F.L.S., *Author of various Botanical Papers.*

LONDON, August 19. 1845.

MY DEAR SIR WILLIAM,—As I see by the papers that Dr Hooker is a Candidate for the Chair of Botany at Edinburgh, I feel a wish to offer him the assurances of my best wishes for his

success, and my humble testimony of his qualifications. I am not acquainted with any one connected with the government of the University, and therefore address you. I trust the selection which our dear friend Graham made of him, to give the course of Botany this summer, will operate in his favour.

I know of no one who promises a more faithful discharge of duty, or whose moral character and amenity of disposition more strongly recommend him for the instruction of young men. His profound study of the plants collected in the memorable voyage of Ross, and the beautiful work he is publishing of them, are a sufficient evidence of his knowledge of Botany. The science, indeed, he has been familiar with from his youth; and it is, as it were, native to him, for he was early devoted to your pursuits. I hope Brown, the prince of Botanists, has left an expression of the respect and confidence he feels for Joseph.

I am, my dear friend, affectionately yours,

F. BOOTT.

Sir W. J. HOOKER, Kew.

XXII.—From EDWARD FORSTER, Esq., F.R., L. & H.S.,  
*Treasurer and Vice-President of the Linnean Society.*

LONDON, 25th August 1845.

MY DEAR SIR WILLIAM,—It gives me great pleasure to hear that Dr Joseph Dalton Hooker is a Candidate for the vacant Professorship of Botany in the University of Edinburgh. I hasten to add my testimony to his competence for the office, to which I most sincerely hope he may succeed.

I am, my dear Sir William, yours truly,

EDWARD FORSTER.

Sir Wm. JACKSON HOOKER, Kew.



XXIII.—From HEWETT COTTRELL WATSON, Esq., F.L.S.,  
*Author of many Botanical Works, especially on the Geo-  
 graphical Distribution of Plants.*

THAMES DITTON, August 26, 1845.

Already favourably known as a Botanist before joining the Antarctic Expedition under Sir James Ross, the scientific qualifications of Dr J. D. Hooker were amply tried and proved during that important expedition, the results of which are now in part before the public, in his learned and elaborate work on "The Botany of the Antarctic Voyage."

Undoubtedly the name of Dr J. D. Hooker will descend to future ages, with the honour which is awarded to those who carry forward scientific knowledge beyond the state in which they find it,—the sure test of personal pre-eminence.

Among English Botanists, in the same active period of life, it may truly be said that there is no one so likely to stand foremost in fame,—no one so well qualified to follow in the steps of his Father.

It is not for me to say how greatly the reputation of a University must depend on the personal pre-eminence of its Professors, among the promoters of knowledge.

HEWETT COTTRELL WATSON.

XXIV.—From Dr CHARLES M. LEMANN, F.L.S., &c.

I can conscientiously say that, in my opinion, Dr Joseph Hooker is peculiarly fitted to uphold the great reputation of the University of Edinburgh; and it will give me sincere pleasure, as an old student, to hear that the services of so excellent a Botanist have been secured by the Council.

C. M. LEMANN,  
 M.D., F.L.S.

XXV.—From WILLIAM WILSON, Esq. of Warrington,  
*Author of various Botanical Writings.*

OXFORD MOUNT, NEAR WARRINGTON,  
 August 25, 1845.

DEAR SIR WILLIAM,—Pray accept my humble Testimonial in favour of your Son, as a Candidate for the Botanical Chair at the Edinburgh University. The many opportunities I have had for forming an estimate of his abilities, convince me that he is well qualified to fill it with credit to himself and to you. I cordially wish him success.

Most affectionately yours,

W. WILSON.

Sir W. J. HOOKER.

XXVI.—From the Right Hon. EDWARD, Earl of DERBY, K.G.,  
 D.C.L., *President of the Zoological Society, and late President of the Linnean Society.*

KNOWSLEY, August 23, 1845.

DEAR SIR WILLIAM,—Your letter of the 21st inst. has reached me this morning; and although I had not the pleasure and advantage of personal acquaintance with your friend, the late Professor Graham, I am glad to learn, that among the Candidates to supply his place in the Professorial Chair is one who, though also, I am sorry to say, equally unknown to me personally, is very far from being a stranger to me through the means of his extended, and, I am confident, well-earned reputation in the fair fields of science; and it will give me very considerable gratification to learn that Dr Hooker has obtained his object, and succeeded to the vacant Chair.

I am glad to tell you that, in consequence of not having heard

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for some time from or of Mr Whitefield, and the season of the year having advanced beyond the period when he has generally on former occasions reached England, I wrote to make inquiries respecting him from his agents, Messrs Forster & Smith, of the City Chambers, and have had the pleasure to learn that he was in good health when they last heard, in June last; was then about to leave the Gambia for Senegal, but intended to return to the former place, so as to sail for England by their vessel the *Emily*, where they expect to arrive either the end of this or beginning of the next month. I have heard nothing of Mr Zeyper as yet. Have you!

I remain, your much obliged

DERBY.

Sir W. J. HOOKER.

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XXVII.—From the Right Rev. EDWARD, Bishop of NORWICH, D.D., F.R., L. & G.S., *President of the Linnean Society.*

PALACE, NORWICH, August 23, 1845.

MY DEAR SIR WILLIAM,

You ask me my opinion of your son Dr Hooker. The best answer and testimonial I can give in his favour is to express my hope that the Town-Council of Edinburgh, in whose gift it seems the Chair of the Professor of Botany of their University is, will select one who, I have no doubt, is admirably fitted for the situation, and will do credit to their choice.

Believe me yours faithfully,

E. NORWICH.

Sir W. HOOKER, Kew Gardens.

XXVIII.—From Sir G. THOMAS STAUNTON, Bart., M.P., F.R.S., L. & A., G. & H.S., &c., &c.

LEIGH PARK, HAVANT,  
August 26, 1845.

I hear with much pleasure that Dr Joseph Hooker, the Son of my very esteemed friend Sir William Hooker, is a Candidate for the Botanical Chair in Edinburgh University, now vacant by the death of Dr Graham.

From the many proofs Dr Hooker has given of his zeal and abilities in the promotion of Botanical science, I feel confident that he is fully competent to discharge the duties of that office; and I sincerely wish him success.

GEO. THOS. STAUNTON,  
F.R.S.

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XXIX.—From Sir HENRY ELLIS, *Principal Librarian of the British Museum.*

BRITISH MUSEUM, August 24, 1845.

MY DEAR SIR WILLIAM,—I have this moment only learned that Dr Joseph Dalton Hooker, your Son, is a Candidate for the vacant Chair of Botany at Edinburgh.

His merits and ardour as a Botanist are universally known, as well as that he has a Father truly eminent in the same walk of science; so that I think he can need few private Testimonials. His engagement, indeed, by the Lords of the Admiralty, to publish the result of his investigations whilst Botanist to Sir James Ross's Antarctic Voyage, is one of the strongest testimonies to his fitness which could be given.

I write with the most anxious wishes for his success; and if

any humble recommendation of mine can be made useful to him, here it is.

Believe me, with kind regard, my dear Sir William, ever truly yours,

Sir W. J. HOOKER.

HENRY ELLIS.

XXX.—From RICHARD OWEN, Esq., F.R.L. & G.S., *Vice-President of the Royal Society, Hunterian Professor in the Royal College of Surgeons of England.*

ROYAL COLLEGE OF SURGEONS, LONDON,  
August 23. 1845.

I feel much pleasure in the present opportunity of testifying my deep sense of the complete qualifications of Dr Joseph Dalton Hooker for the Professorship of Botany, and its collateral offices, in the University of Edinburgh. I have enjoyed frequent communications with Dr Hooker on subjects of Natural History since his return from the Antarctic expedition, and I have been strongly impressed with his sound and extensive acquirements in the collateral sciences, which would add to the interest and efficiency of the lectures on Botany, with which science he is more immediately and practically conversant.

RICHD. OWEN, V.P.R.S.,  
Hunterian Professor in the Royal College of  
Surgeons of London.

XXXI.—From JOHN GEORGE CHILDREN, Esq., F.R.S., L. & E., and F.L.S., *late Keeper of the Zoological Department in the British Museum.*

TORRINGTON SQUARE, LONDON,  
27th August 1845.

Although it may seem presumptuous in one possessing so little claim to the name of a Botanist as myself to give an opinion as to Dr Joseph D. Hooker's qualifications to succeed the

late Dr Graham in the Botanical Chair at Edinburgh, the acknowledged talents and acquirements of the Candidate remove the scruples which, under other circumstances, might deter me from doing so. Dr Hooker's long and laborious services as Botanist to the late expedition under Sir James Clark Ross, prove his zeal and devotion to the science, and the publication of his Botanical researches, under the sanction of Her Majesty's Government, gives ample testimony to the abilities he possesses for its advancement; whilst his amiable character in private life, render him a most desirable associate in any Institution devoted to the extension of physical science and moral virtue. I cannot, therefore, hesitate to recommend Dr J. D. Hooker to the favour of the high authorities in whom the appointment to the Botanical Chair at Edinburgh is vested, and sincerely hope that he may be so successful as to obtain it,—not only for his own sake, but also because I am convinced that, in selecting him, they will contribute essentially to the interests of the University, and the promotion of Botanical knowledge.

JOHN GEO. CHILDREN.

XXXII.—From J. E. GRAY, Esq., F.R. & G.S., *Keeper of the Zoological Department of the British Museum.*

BRITISH MUSEUM, 25th August 1845.

MY DEAR SIR WILLIAM,—It was with great pleasure that I heard your Son Joseph had determined to apply for the appointment of Professor of Botany, and Curator of the Botanic Garden in Edinburgh; for I can scarcely conceive a person better qualified for such a post. I am convinced, that, if he succeeds in obtaining the appointment, it will be most advantageous to the University. Few persons have had the same advantages of studying the science which he has enjoyed, both during your residence in Scotland, and since your removal to Kew; and the observations which he made during the Antarctic Expedition, and the high scientific character of the Botanical work which he has

published since his return, have fully shewn how much he has profited by them.

I may observe, although appertaining to a part of Natural History to which he has paid only a secondary attention, that the drawings and observations which he has made during the voyage, and which have come into my hands as one of the Editors of the Zoological part of the natural history results of that expedition, have given me a high opinion of his talents, from the acuteness of his observations, the accuracy with which he recorded them, and the general soundness of his conclusions.

Believe me, my dear Sir William, ever yours faithfully,

J. E. GRAY.

Sir W. J. HOOKER.

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XXXIII.—From THOMAS BELL, Esq., F.R. & G.S., &c., Professor of Zoology, King's College, London.

TO THE LORD PROVOST, &c., OF EDINBURGH.

LONDON, August 25, 1845.

GENTLEMEN,—I beg leave to offer my candid testimony to the pre-eminent claims of Dr Joseph Dalton Hooker to the Chair of Botany in the University of Edinburgh, now vacant. It has been the lot of Dr Hooker to have achieved a high reputation in the scientific world, at a period of life when in most instances the career of honour is but commenced; and the estimation in which his talents and acquirements are held by men the most eminent in Botanical science, and the high personal character which has rendered him respected and esteemed by all who know him, constitute the best attestation to his qualifications for the honourable position which he seeks to occupy, and an ample security that he will prove a worthy successor to the late distinguished and lamented Professor Graham.

I have the honour to be, Gentlemen, your most obedient servant,

THOMAS BELL,

Professor of Zoology in King's College, London.

XXXIV.—From W. J. BRODERIP, Esq., F.R.S., and F.L.S. & G.S., distinguished by his Writings on Conchology.

2 RAYMOND BUILDINGS, GRAY'S INN,  
27th August 1845.

MY DEAR SIR WILLIAM,—The University of Edinburgh will, in my opinion, be fortunate, if the valuable services of Dr Joseph Dalton Hooker should be secured for the Chair vacant by the death of Dr Graham.

I know of no Candidate who would fill that Chair more worthily than your Son. His learning, zeal, intelligence, and diligence, eminently qualify him for the Professorship. The fruits of those qualities are especially shewn in the collections made during the expedition under Sir James C. Ross, and their publication under the direction of the Admiralty, aided by a grant from the Crown, to say nothing of other proofs of Dr Hooker's talents and industry.

Our friend, Robert Brown, who is now abroad, expressed to me the highest opinion of your Son's merits, and the greatest anxiety for his success, of which none will hear with more sincere pleasure than, yours, my dear Sir William, most truly,

W. J. BRODERIP.

Sir W. J. HOOKER.

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XXXV.—From CHARLES LYELL Junior, Esq., M.A., F.R. & L. & G.S.

TO THE LORD PROVOST AND TOWN-COUNCIL OF THE CITY OF  
EDINBURGH.

LONDON, August 22, 1845.

MY LORD AND GENTLEMEN,—Having learned that my friend, Dr Joseph Hooker, is a Candidate for the Chair of Botany in your University, I am glad of the opportunity afforded me to

state my conviction, that he is in every way competent to discharge the duties of that office, from his amiable disposition, his varied and profound scientific acquirements, his talents, zeal, and love of knowledge. I shall heartily rejoice, on public as well as on private grounds, if I should hear of his success.

I have the honour to be, my Lord and Gentlemen, your obedient servant,

CHARLES LYELL, JUN.  
A.M., F.R.S., L. & E., G.S., &c.

XXXVI.—*From the same, addressed to Professor FORBES,  
Edinburgh.*

16 HART STREET, BLOOMSBURY, LONDON,  
August 18, 1845.

MY DEAR SIR,—As I understand that my friend Dr Joseph Hooker is a Candidate for the Chair of the late Dr Graham, and as I know you must feel great interest in the appointment of his successor, I write, not at the request of Dr H. or Sir William his Father, but from my own great desire to see so excellent a Botanist obtain an important and useful place, to say how highly I think of him and his acquirements. My friend, Charles Darwin, has had Dr H. staying with him lately, and has told me that he has a most philosophical mind, and, being so *young*, and already so advanced, will not fail to become very eminent. I know him to be as amiable in his disposition as he is zealous in the cultivation of science.

Believe me, my dear Sir, ever yours,

CHA. LYELL.

XXXVII.—*From CHARLES DARWIN, Esq., M.A., F.R.S.  
& G.S., late Naturalist to Captain Fitzroy's Voyage.*

DOWN HOUSE, FARNBOROUGH,  
August 25, 1845.

DEAR SIR WILLIAM,—I have heard with much interest that your Son, Dr Hooker, is a Candidate for the Botanical Chair at Edinburgh. From my former attendance at that University, I am aware how important a post it is for the advancement of science, and I am therefore the more anxious for your Son's success, from my firm belief that no one will fulfil its duties with greater zeal or ability. Since his return from the famous Antarctic Expedition, I have had, as you are aware, much communication with him, with respect to the collections brought home by myself, and on other scientific subjects; and I cannot express too strongly my admiration at the accuracy of his varied knowledge, and at his powers of generalization. From Dr Hooker's disposition, no one, in my opinion, is more fitted to communicate to beginners a strong taste for those pursuits, to which he is himself so ardently devoted. For the sake of the advancement of Botany in all its branches, your Son has my warmest wishes for his success.

Believe me, dear Sir William, yours very faithfully,

CHARLES DARWIN.

To SIR WILLIAM HOOKER,  
Royal Botanic Gardens, Kew.

XXXVIII.—*From the Rev. JOHN BARLOW, M.A., F.R.S.,  
L.S. & G.S.*

HALE HALL, NEAR WARRINGTON,  
August 27, 1845.

MY DEAR SIR,—It were altogether presumptuous were I to suppose that any testimony of mine could sustain the great

claims which Dr Hooker is well known to have for whatever office of distinction or emolument in his own science he may desire to obtain.

I can but record the notorious opinion of every naturalist and vegetable physiologist with whom I am acquainted, an opinion not elicited in answer to direct inquiry, but arising spontaneously in conversation; and that opinion uniformly was, that there was no man of his standing from whom science had received or might expect more than from your Son, Dr Hooker.

This, I am sure, would have been the testimony of any known Botanists at the Linnean or Royal Society of London. The national work which he is engaged in, at the desire, and with the assistance, of the State, speaks for itself. It is equally well known that the very circumstance of his having been invited thus to sustain and extend the scientific character of the country, is itself an order of merit which is not the least of the distinctions of such men as Owen and Richardson. Pray accept my earnest good wishes that every possible success may attend one who deserves it so fully. Ever yours,

JOHN BARLOW.

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XXXIX.—From Dr THOMAS THOMSON, F.R.S., London and Edinburgh, F.L.S., *Professor of Chemistry in the University of Glasgow.*

GLASGOW, 23d August 1845.

I have known Dr Joseph Hooker from a boy. He was brought up a Botanist by his Father, Sir W. Hooker, one of the most celebrated and indefatigable Botanists in Great Britain. Dr Joseph Hooker was the Naturalist associated with the late scientific expedition of Sir James Ross. Since his return, he has been occupied in laying before the public the numerous botanical discoveries made during that voyage. This publication,

so far as it has gone, reflects great credit on the author, and stamps him at once one of the first Botanists of the time. He is highly qualified for filling the Botanical Chair in Edinburgh, and, should he be elected, he will fill it with much honour to himself and credit to the University.

THOMAS THOMSON.

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XL.—From Dr W. H. FITTON, M.D., F.R., L., & G.S.

EXMOUTH, DEVON,  
25th August 1845.

MY DEAR SIR WM. HOOKER,

It has given me great pleasure to learn that your Son is a Candidate for the Botanical Professorship at Edinburgh. Wishing every good to that University—where I resided and took a degree—I have no doubt whatsoever that his election would be a great advantage to the institution.

I could not presume to give any opinion upon a purely botanical question; but surely the recommendation of Mr Brown, not to go farther, must be quite sufficient for the Electors upon this subject, backed, especially, as it is, by the publications which Dr Hooker has already produced.

But, as to the general qualifications of talent, scientific zeal (by which I do not mean mere enthusiasm, but unflinching persevering devotion to his subject), and the power of gaining the good opinion of those with whom he has intercourse,—I am satisfied that I express the universal judgment of those who have known Dr Hooker in London, when I say, that very few young men can be found so highly qualified for the office which he solicits. The fact of his having been Naturalist to the memorable expedition of Sir James Ross to the Southern Hemisphere would give *éclat* to his position and to his lectures on the productions of those distant regions; and I regret that your letter finds me *here*, at this advanced period of the sum-

mer; since, if I had been in London, at a season less advanced, I should have had no difficulty in bringing forward testimony as to his energetic inquiries, from several of his companions in that expedition. To me his *youth* (not boyhood, but the unabated ardour and *powers* of a young man) is in itself a strong additional recommendation.

Under all the circumstances, I shall be greatly disappointed if Dr Hooker be not the new Professor at Edinburgh. And it is both reasonable and just to add, that the expectation of efficiency derived from your Son's own character and attainments, acquires stability and force from the eminent success which has attended his Father's devotion of his life to Natural Science.

Most earnestly, therefore, wishing success to Dr Hooker, on every ground which makes it right to do so, I hope you will soon be enabled to say that he has been elected.

Believe me to be, my dear Sir, with great respect and regard, very faithfully yours,

WM. H. FITTON.

To Sir W. J. HOOKER, &c., &c., &c.,  
Royal Botanic Garden, Kew.

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XLI.—From R. HUTTON, Esq., F.R.S., F.G.S.

PUTNEY PARK, 24th August 1845.

MY DEAR SIR WILLIAM,

I am very much obliged by your kind note, and by the permission you have given me to express the high opinion entertained by all the cultivators and promoters of science and scientific inquiry of the services rendered (to Botany especially) by Dr Joseph D. Hooker.

The Geological Society, with whose sentiments I am best acquainted (for I have been long on the Council), have always considered it a most fortunate circumstance, that Dr Hooker has been required by the Admiralty to publish the results of

his observations during the voyage of discovery to the Arctic regions. In the absence of our other Vice-Presidents of the Geological Society (Mr Murchison being in Sweden), I may be allowed to express the regret we shall all feel at the removal of Dr Hooker, even so far as Edinburgh; but when we consider the great advantages that Botanical science must derive from such an appointment to succeed Dr Graham, we have no right to object on the ground of individual loss; and we hope and trust, that the choice of the Town-Council in favour of Dr Hooker will furnish an additional proof of their enlightened views, and of their anxious desire to promote the best interests of science.

It is of real importance that young men of talent and zeal should find encouragement to devote their entire attention to science; and while the other professions, viz., of Law and Medicine, hold out the prospect of such high pecuniary rewards, Botany, and the other branches of Natural History, are not sufficiently rewarded.

I cannot therefore doubt, that the Provost and Town-Council of Edinburgh will gladly avail themselves of this opportunity to testify, in the person of Dr J. Hooker, their high appreciation of such talents and acquirements, and of his having so zealously and exclusively devoted himself to the pursuit of Natural History.

I remain, dear Sir William, with great regard and esteem, very truly and faithfully yours,

R. HUTTON.

To Sir W. J. HOOKER.

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XLII.—From WM. SPENCE, Esq., F.R. & L.S., the  
*eminent Entomologist.*

LONDON, 25th August 1845.

Both from my long personal acquaintance with Dr J. D. Hooker, and from his writings, I have formed a very high opinion of his

general talents and knowledge of Botany, and conceive him to be admirably qualified to fill the Botanical Chair of Edinburgh, with equal honour to the University and himself, and to the great advantage of the students of a science which he so ardently and successfully cultivates.

W. SPENCE.

XLIII.—From JOHN TAYLOR, Esq., F.R., & L.S., *Treasurer of University College, London, and of the British Association for the Advancement of Science.*

SHEFFIELD HOUSE, KENSINGTON,  
27th August 1845.

GENTLEMEN,—Being thoroughly convinced of the high attainments in the science of Botany of Dr Joseph Dalton Hooker, and acquainted with the valuable services he has rendered to the public, the fruit of his researches in distant parts of the world, I beg to express my belief that he is especially qualified to fill the Chair now vacant in the University of Edinburgh, owing to the lamented death of Dr Graham, and my persuasion that he will perform the duties of the office in a manner creditable to himself, and worthy of acceptance and approbation in that distinguished seat of learning.

I have the honour to be, Gentlemen, your most obedient Servant,

JOHN TAYLOR.

To the TOWN-COUNCIL of the CITY of EDINBURGH.

XLIV.—From JAMES WILSON, Esq., F.R.S.E., *Woodville, Canaan, Edinburgh.*

WOODVILLE, EDINBURGH,  
22d August 1845.

MY DEAR SIR,—I have great pleasure in responding to your request that I should state my opinion regarding your fitness to fill the Chair of Botany in the University of Edinburgh, vacant by the death of our lamented friend Dr Graham. I cannot but feel interested in the progress of one whom I have known so well for many years, and whose correspondence with myself on subjects of Natural History commenced at an early age. I know that you have most sedulously availed yourself of the signal advantages you enjoyed, as the Son of one of the most celebrated of living Botanists, whose great knowledge, and magnificent library, collections, and correspondence, were at your command from boyhood. The zeal and success with which you have for many years cultivated the science of Botany, are well known to all who have attended to the progress of such pursuits; and I do not remember, within the range of my own acquaintances, any one who has more steadily and continuously followed out a favourite study. After having accomplished yourself in the best literature of the subject, and mastered the practical Botany of your own country, by frequent excursions into various quarters, you had the deserved good fortune of being chosen Botanist to the Expedition under Captain Sir James Clark Ross, which has recently completed the most remarkable voyage of recent times. How well you performed the important duties devolved upon you, is admitted and admired by all who have examined the beautiful works ("*Flora Antarctica*" and "*Cryptogamia Antarctica*") with which you are now engaged, and which are so judiciously brought out under the authority of the Lords Commissioners of the Admiralty. I hear, from much more competent judges than myself, that these works are truly admirable, by reason of



their scientific acumen, as well as the more obvious beauty of their pictorial illustration.

That you are perfectly qualified to deliver such courses of lectures on Botany as would assuredly not merely sustain but increase the reputation of our University, I entertain no doubt. I am informed, by those who heard you this summer, that you not only amply justified the choice of the late Professor, when he requested you to lecture for him, but that you realized the high expectations entertained of one whose natural and acquired advantages were beyond the common order

I am, yours very truly,

JAMES WILSON.

To Dr JOSEPH DALTON HOOKER.

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XLV.—From Dr J. H. DAVIDSON, F.R.S.E., &c.

EDINBURGH, August 25. 1845.

MY DEAR SIR,—During our late intercourse at Dr Graham's, you must have become aware that I am not qualified, from my own knowledge of Botany, to give any opinion upon your claims for being selected to fill the Chair now vacant by his death; but I can give the opinion of Dr Graham upon the subject, as he frequently spoke to me in the strongest terms about your intimate acquaintance with Botany and Vegetable Physiology, and expressed to me his hope and wish that you should be his successor.

This testimony is of great value, and should weigh much with the Patrons, who must be aware of Dr Graham's competence to judge, of his sterling honesty, and of the warm interest (solemnized, and, if possible, increased, by his knowing that death was at hand) which he always felt for the welfare of the University.

Dr Graham was exceedingly anxious to know how you discharged the duties of lecturing and teaching, as his *locum tenens*,

and whether or not you had given satisfaction to the students; and on one occasion (a few days before he left Edinburgh for Stirlingshire, where he died) he told me, that all his friends had assured him of your having in every way given great satisfaction; but that, as suspicion sometimes came across his mind that a desire to gratify a dying man might have had some influence in producing this concurrence in opinion and information, he put me, therefore, upon honour, and begged me earnestly to tell him, without embellishment or reservation, what I had heard of your teaching and popularity; and I, most truthfully and solemnly, assured him that my information was similar to what he had received from his other friends.

In conclusion, I will make the frank avowal that, from my respect for the opinion of Dr Graham, from the pleasure and instruction of which I have derived from your conversation, and from your bearing the name of Hooker, I do wish that you may be his successor in the Chair of Botany.

I remain, my dear Sir, yours very truly,

J. H. DAVIDSON.

Dr HOOKER.

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XLVI.—From EAGLE HENDERSON, Esq. of Edinburgh.

EDINBURGH, 25th August 1845.

MY DEAR SIR,—I should be glad could I think that my name, added to the list of distinguished individuals whose certificates you possess, could possibly be of the slightest use to you, and I have the greatest pleasure in bearing my testimony to your valuable attainments, and my firm belief that, if we are so fortunate as to retain your services amongst us, that it would conduce to a much greater extension of the cultivation of the science of Botany here; and, from my familiar acquaintance with your easy and popular manner of communicating in-

formation, I can entertain no doubt of your pre-eminent qualifications for the Chair of Botany in our University.

Yours most truly,

EAGLE HENDERSON.

Dr HOOKER.

XLVII.—From CHARLES LAWSON, Esq. of Golden Acres,  
Edinburgh.

EDINBURGH, 35 GEORGE SQUARE,  
25th August 1845.

Having been requested to record my opinion of the merits and qualifications of Dr Joseph D. Hooker, as a Candidate for the Botanical Chair at this University, I have great pleasure in stating that I am satisfied his attainments as a Botanist are of the highest order.

Reared under the immediate guidance of his Father, Sir Wm. J. Hooker, whose name is inseparably associated with that science, he has enjoyed from early life rare opportunities of imbibing an intimate acquaintance with its details; and that he has turned these advantages to the best account is, in my opinion, fully established by the results of his researches given to the public. In particular, his publication of the Botany of the Antarctic Voyage of Discovery, to which expedition he was the appointed Botanist, contains abundant evidence of a mind stored with a thorough knowledge of the science; and, as containing the well-digested results of a four years' research in districts comparatively unknown, is of itself a most satisfactory guarantee of his high character as a Botanist.

His zeal for the science, and the painstaking, in imparting instruction, which he is known to possess, fit him eminently for the duties of the Chair; and the success which has attended his lectures during the period he has officiated for the late Dr Graham, together with his general character and deportment, cannot fail to make him generally acceptable.

CHAS. LAWSON.

XLVIII.—From PHILIP BARKER WEBB, Esq., Author of the  
*Flora of the Canary Islands, and very many Botanical  
Papers and Works.*

TO THE HON. THE LORD PROVOST AND TOWN-COUNCIL OF EDINBURGH.

MILFORD HOUSE, August 28. 1845.

MY LORD AND GENTLEMEN,

Called upon to fill up an important scientific office with honour to yourselves and your renowned University, the determination you have come to of ascertaining the merits of Candidates from those who cultivate the science of Botany, is the more honourable, as personal feelings too frequently predominate on such occasions.

I am, nevertheless, fully aware of the responsibility incurred in presenting a Candidate to your notice, nor would I have undertaken to do so, did I not consider Dr Joseph D. Hooker, whom I venture to recommend, not only as one of the most rising Botanists of our time, but probably the most rising of all those of his standing. Like the Jussieus and the Decandolles, he has been stimulated, from his earliest years, by the example of his family—*Et pater Æneas et avunculus excitat Hector*—by that of his Father, Sir W. J. Hooker, who has illustrated so many branches of Botany, and his grandfather, Dawson Turner, the author of elaborate works on Marine Plants. Hence he is a stranger to no part of the science, now so vast and so divided, and cultivates with equal success (as the works he has published shew) both what is considered somewhat superciliously the subordinate field of descriptive Botany, and the higher and more philosophical divisions—the organization and the affinity of plants; the reality, the origin, and the extension of species. To have performed, and to have performed with so much advantage to science, the great Antarctic Voyage of Discovery (as the comparison of its results with those obtained during former voyages triumphantly proves it to be), is an inappreciable advantage, and a fact of which the country may be proud.

That one who has taught himself so well, will raise up a school  
worthy of his own career, and do entire honour to your choice,  
I am persuaded there is no reason to doubt.

I am, my Lord and Gentlemen, your most obedient and very  
humble servant,

PHILIP BARKER WEBB.

## TESTIMONIALS

IN FAVOUR OF

JOSEPH DALTON HOOKER, R.N.,

M.D., F.L.S.,

AS

A CANDIDATE

FOR

THE VACANT CHAIR OF BOTANY

IN THE

UNIVERSITY OF EDINBURGH.

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THIRD SERIES.

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EDINBURGH:

PRINTED BY NEILL AND COMPANY.

MDCCCXLV.

TO THE  
RIGHT HONOURABLE THE LORD PROVOST,  
MAGISTRATES, AND COUNCIL OF THE CITY OF EDINBURGH.

EDINBURGH, 22d September 1845.

MY LORD AND GENTLEMEN,

*As a Candidate for the Professorship of Botany in your University, I have now the honour of submitting to you a Third Series of Testimonials.*

*In the Letter wherein I first offered myself to your notice I stated, that my chief claims were derived from the fact of my having devoted the last seven years of my life exclusively to the study of Botany; of my having held an office under the Crown, the duties of which were important, and carried on under circumstances that required energy, so that their satisfactory performance might be regarded as some test of my possessing a knowledge of Botany sufficient to enable me to teach that science to others. I further drew your attention to the circumstance that I had, during the last session, conducted the duties of my friend Dr Graham's class. The accompanying and previously circulated Testimonials have been collected with the view of proving more fully, that the time alluded to, as devoted to Botany, had, from the first, been not unproductive to the interests of science;—that the duties of the high office I held under Government had been satisfactorily performed;—and that the manner in which the Botanical Class was carried on had not only gained me approbation from those best fitted to judge at home, but had attracted the attention of distinguished Professors in England and on the Continent.*

Among the Testimonials first printed, some were extracts of private letters; and to these I attached great value, as they were voluntarily expressed opinions. Baron Humboldt's was penned when I had no object in view to the furtherance of which it could be useful. I applied, however, to that illustrious individual, and also to Mr Brown for further documents; that of Baron Humboldt was promptly accorded, and is herein included; but I cannot too deeply regret that it is unaccompanied by one from your distinguished countryman, fully aware, that his pre-eminent rank as a Botanist, and the authority of his name in every other respect, are such as could not fail to give his certificate a weight no other could carry. I feel myself justified in saying, that his absence in Italy alone deprives me of his aid, in proof of which I would refer you to the expressions contained in his own letter No. II., and in that of his friends, Dr Boott in No. XXI., Mr Broderip in No. XXXIV., and Dr Grant in No. LXXXI.

I am in daily expectation of the arrival of other Testimonials from most distinguished individuals, and, as far as time permits, these shall be laid before you in a Fourth Series.

I have the honour to be,

MY LORD AND GENTLEMEN,

Your very obedient Servant,

JOSEPH D. HOOKER.

## TESTIMONIALS.

XLIX.—From the MARQUIS OF NORTHAMPTON, *President of the Royal Society, D.C.L., F.L.S., G.S., &c., and a Trustee of the British Museum.*

TO THE LORD PROVOST AND THE GENTLEMEN OF THE TOWN-COUNCIL OF EDINBURGH.

GENTLEMEN,—As I understand Dr J. D. Hooker is a Candidate for the office of Professor of Botany in the University of Edinburgh, I take the liberty to mention that he was selected to accompany Captain Sir James Ross in his very important voyage to the Antarctic Seas, a circumstance that proves the estimation in which his scientific attainments were held by the Government. His researches in those distant regions must have necessarily put him in possession of much knowledge on points of Natural History and Botany that are almost exclusively his own, except as far as he has given them to the world; and his education under his distinguished father, must be considered as the best possible preparation to take advantage of what he saw and observed. I am not myself qualified to speak more decidedly of the merits of Dr Hooker, as my own knowledge of Botany is extremely superficial; but I have thought it right to say this much of the pretensions of that gentleman to the important office for which he is a candidate.

I am, Gentlemen, your humble servant,  
NORTHAMPTON,  
145, PICCADILLY, August 5, 1845.

L.—From SIR WILLIAM BURNETT, M.D., R.N., K.C.H., F.R.S.,  
&c., *Inspector-General of Hospitals and Fleets.*

ADMIRALTY, 5th September 1845.

I do hereby certify, that Dr J. Hooker, Assistant-Surgeon, R.N., served in the expedition to the South Pole under Captain Sir James Ross, on which occasion Dr Hooker had the entire conduct of the Botanical Department; and that he executed the duties of this interesting office with great talent, zeal, and success, and to the entire satisfaction of those Officers under whom he was employed; and I beg to add, that he appears to me to be a gentleman highly qualified to occupy the Chair of Botany in any University or School of Medicine.

Given under my hand, at the Admiralty, this 5th day of  
September 1845.

W. BURNETT, M.D., F.R.S.,  
Director-General of the Medical  
Department of the R.N.

LI.—From Colonel E. SABINE, R.A., F.R.S., &c., *distinguished for his voyages, and publications, especially in furtherance of Magnetical Science, Geography, and Natural History.*

MY DEAR SIR,—Your letter finds me just setting off for a few days' excursion to Belgium.

There are few persons of whose personal and intellectual character I think so highly as of yours; but I am altogether without the botanical knowledge which would enable me to certify, as I should be delighted to do, to your botanical eminence.

Happily you have, I imagine, little need of further testimony; and I sincerely hope that I shall have to congratulate you on success.

Believe me, always truly yours,

EDWARD SABINE.

Dr JOSEPH HOOKER.

LII.—From Baron DELESSERT, *Member of the Institute, F.R.S., L.S., &c., a most distinguished Botanist, and author of various Botanical Works.*

PARIS, ce 30 Août 1845.

C'est avec un grand plaisir que je m'empresse de rendre hommage à l'instruction et aux connaissances étendues de M. le Dr Jos. D. Hooker, que j'ai été à même d'apprécier, soit pendant le séjour qu'il a fait à Paris, soit en lisant ses diverses notices et descriptions botaniques, et surtout l'ouvrage remarquable qu'il a publié sur la *Flore Antarctique*, modèle de précision et de clarté!

Les botanistes qui se réunissent souvent chez moi prennent le plus vif intérêt à son succès, et sont persuadés que, soit par l'enseignement de cette science, soit par la continuation de ses travaux, il soutiendra la réputation des botanistes distingués de son pays.

Je crois donc devoir lui donner ce témoignage de toute mon estime, et du désir que j'aurais de le voir occuper une place où il pourra faire faire de nouveaux progrès à la science.

B<sup>1</sup><sup>r</sup>. DELESSERT,  
Membre de l'Institut.

TRANSLATION.

PARIS, August 30. 1845.

It is with sincere pleasure that I hasten to offer my attestation to Dr Hooker's extensive information and general abilities,

which I have been enabled to appreciate, both during his late sojourn in Paris, and while perusing his various descriptive botanical publications, especially his remarkable book, "*The Antarctic Flora*," a model for clearness and precision.

The Naturalists, who often come to my house, feel the liveliest interest in Dr Hooker's success, being perfectly convinced, that, whether as a teacher of Botany, or by the continuation of his own labours in that science, he will maintain the high reputation gained by the distinguished Botanists of his own country.

I therefore hold myself bound to give him this assurance of my entire esteem, and of the desire I feel to see him occupy a place where he can continue to advance the interests of science.

BENJAMIN DELESSERT,  
Member of the Institute.

LIII.—From ADOLPHE BRONGNIART, D.S.C., *Member of the Institute, F.L.S., &c., Professor of Botany at the Jardin des Plantes.*

PARIS, 30 Août 1845.

C'est avec un vif plaisir que je m'empresse d'exprimer l'opinion que je me suis formé sur le mérite du Dr Joseph Dalton Hooker. Les travaux de ce jeune Botaniste pendant l'expédition Antarctique de l'Érèbus et du Terror lui ont assigné un des rangs les plus distingués parmi les Botanistes de la Grande Bretagne. Les ouvrages qu'il publie sur la Botanique de ce voyage, et divers mémoires spéciaux qu'il a rédigés sur des points particuliers de Botanique, montrent un grand talent d'observation, et des connaissances très étendues sur l'ensemble de cette science; enfin les relations personnelles que j'ai eues avec lui pendant son voyage en France m'ont mis à même d'apprécier tout son mérite et me font faire des vœux pour le succès de sa candidature.

ADOLPHE BRONGNIART,  
Membre de l'Institut de France, Professeur de  
Botanique au Jardin du Roi à Paris.

TRANSLATION.

PARIS, August 30. 1845.

It is with extreme pleasure that I hasten to express the opinion I have formed of Dr J. D. Hooker's merits. The exertions of this young Botanist, during the Antarctic Expedition of the Erebus and Terror, have obtained for him a highly distinguished rank among the Botanists of Great Britain. The work which he is publishing upon the Botany of this voyage, and the various separate memoirs which he has written on different botanical subjects, shew extraordinary powers of observation, and extensive acquaintance with the science in general; and, finally, the personal intercourse which I had with him during his stay in Paris has enabled me to appreciate his merit, and given me the keenest interest in the success of his present object.

ADOLPHE BRONGNIART,  
Member of the Institute of France, and Professor of Botany  
in the Royal Garden at Paris.

LIV.—From AD. DE JUSSIEU, D.S.P., *Member of the Institute, F.L.S., &c. &c., Professor of Botany at the Museum of the Jardin des Plantes; M. M. J. DECAISNE, D.S.P., &c. &c., Assistant-Keeper of the Botanical Collections of the Jardin des Plantes, and M. M. A. LASÈGUE, Keeper of the Herbarium of Baron DELESSERT.*

PARIS, le 29 Août 1845.

Nous soussignés, reconnaissant dans les divers écrits scientifiques de M. le Dr J. D. Hooker, les preuves de connaissances botaniques les plus générales, et le mieux appropriées à l'enseignement universitaire; des aperçus ingénieux sous le rapport organographique, des observations exactes, et qui démontrent de sa part une étude profonde des différentes branches de la science, se constatent dans les Mémoires qu'il a publiés, et sa Flore Antarctique, résultat d'un voyage des plus remarquables, vient de le placer aujourd'hui à la tête des jeunes botanistes de l'Angleterre.

C'est avec plaisir que nous lui rendons cet hommage sincère par le présent certificat.

J. DECAISNE, D. S. P.  
Aide de Botanique au Muséum,  
S.D.P.; A.S.Ph.; S.C.L.S.G. & Cl.  
A. LASEGUE,  
Conservateur des Collections  
Botaniques de M. Benjamin Delessert.  
A. DE JUSSIEU,  
De l'Institut de France,  
Professeur au Muséum  
d'Histoire Naturelle, &c. &c.

## TRANSLATION.

PARIS, 29th August 1845.

We, the undersigned, perceiving in the different scientific writings of Dr Jos. D. Hooker, proofs of his possessing both a most extended knowledge of Botany, and one best suited for conducting a University education; as also, clear views on the subjects of Organic Botany, and accurate observations which evince on his part a profound study of the different branches of the science: the results of these appearing in the Memoirs which he has published, and in his *Flora Antarctica*—the fruit of a most remarkable voyage—have now placed him at the head of the rising Botanists of England.

It is with pleasure that we thus render him, in the form of the present testimonial, this proof of our sincere esteem.

(Signed as above) J. DECAISNE, D.S.P., &c.  
A. LASEGUE, &c.  
A. DE JUSSIEU, &c.

LV.—From CHAS. GAUDICHAUD, Member of the Institute, F.L.S., Keeper of the Herbarium of the Jardin des Plantes, late Botanist in Admiral Freycinet's Expedition.

PARIS, le 28 Août 1845.  
3, Rue de Fleurus.

MONSIEUR,—J'apprends que vous vous êtes présenté, comme candidat, pour la chaire de Botanique devenue vacante à l'Univer-

sité d'Edimbourg par le décès de l'illustre et bien regrettable Dr Graham; et je viens, à ce sujet, vous prier d'agréer mes vœux pour le succès de vos légitimes espérances.

Le nom de Hooker que, depuis dix ans déjà, vous continuez si honorablement, serait, à mes yeux, si j'avais l'honneur d'être juge du concours, un titre suffisant pour vous assurer mon suffrage.

Mais vous avez d'autres titres, Monsieur, non moins puissants peut-être, et que vous ne devez qu'à vous-même.

Le voyage que vous avez fait, et qui vous a ouvert presque toutes les belles pages du grand livre de la Nature Végétale, livre que vous savez si bien lire et interpréter; le zèle immense et le talent de famille que vous y avez déployés; les vastes connaissances que vous en avez retirées, et dont vous faites un si prompt et si brillant usage dans vos savantes publications; tout enfin me garantit que vous réussirez.

Présentez vous donc avec assurance, Monsieur, votre Flore à la main, et vos rivaux eux-mêmes vous proclameront le plus digne.

Agréez, je vous prie, Monsieur, l'assurance de ma plus haute considération pour votre personne, comme pour votre mérite, et croyez moi votre tout dévoué serviteur,

CHS. GAUDICHAUD,  
De l'Institut de France.

A Monsieur, JOS. D. HOOKER, à Kew.

## TRANSLATION.

PARIS, 28th August 1845.  
3, Rue de Fleurus.

SIR,—I am informed that you have presented yourself as a candidate for the Chair of Botany in the University of Edinburgh, which has become vacant by the decease of the excellent and much regretted Dr Graham, and I hasten to offer you my best wishes for the fulfilment of your just expectations of success.



The name of Hooker, which, for the last ten years, you have shewn yourself so worthy to bear, would suffice, were I among the judges, to ensure you my support; but you also possess other and no less powerful claims, which are due to yourself alone.

The voyage which you have made, and which has laid open to you all the noble pages of the great book of Vegetable Nature, a book you can read and interpret so well; the prodigious zeal and family abilities which you have displayed; the vast amount of knowledge you have acquired, and the prompt and brilliant use to which you have turned that knowledge in your erudite publications—all these considerations, my dear Sir, assure me of your success.

The *Antarctic Flora*, therefore, gives you a pre-eminent claim, that your rivals themselves will not dispute.

Accept, I beg of you, my assurance of sincere regard for your person and deep respect for your merit, and believe me your devoted

C. GAUDICHAUD,

Member of the Institute of France.

To Dr HOOKER, Kew.

LVI.—From Dr F. A. MIQUEL, *Correspondent of the Institute of France, Professor of Botany and Curator of the Royal Botanic Garden of Rotterdam.*

BOTANIC GARDEN OF ROTTERDAM,  
1st September 1845.

The undersigned has great pleasure in testifying that Dr Joseph Dalton Hooker occupies a highly honourable rank among the Botanists of the present day. The son of one of the most eminent Botanists, the celebrated Sir William Jackson Hooker, he enjoyed the privilege from his earliest youth of admission to

one of the most reputed botanical schools; and every one acquainted with Dr Hooker's works on Botany is aware that he has proved himself the worthy inheritor of his Father's distinguished name.

Already known by many articles on Botany, published in the *Journal of Botany*, he acquired great distinction as Botanist of the Antarctic Expedition, conducted by Sir James Clark Ross, and his publications connected therewith, such as the *Flora Antarctica*, the *Description of Cryptogamic Plants*, the *Treatise on the Coniferae of the Southern Hemisphere*, &c., are among the best botanical works which have appeared in the latter years, and present the most satisfactory proof of the author's thorough acquaintance with the great science of Botany.

In connection with these extensive acquirements in Botany, Dr Hooker unites a highly cultivated mind and talents of the first order in respect to other subjects of natural history, calculated to render him an ornament to any University. A sound perception, a clear and unaffected mode of expression, whether oral or in composition, an ardent love of science, qualify him in an essential degree for a professorship, of which he cannot fail to discharge the duties but in the most honourable manner, imparting, at the same time, all useful knowledge to the students, and elevating the science itself to the advantage and honour of his country.

The undersigned testifies to the above in perfect verity; and, in accordance with the purest dictates of his conscience, does not hesitate to add, that, on manifold occasions of intercourse with the first Botanists on the Continent, he has discovered a similar impression to prevail, in respect to the merits of Dr Hooker.

DR F. A. W. MIQUEL,

Correspondent of the Royal Institute of Sciences;  
Member of the Imperial Academy Nature  
Curiosorum; of the Royal Bavarian Society of  
Botany; of the Botanical Society of Edinburgh, &c.

LVII.—From FELIX DUNAL, D.S.C., *Correspondent of the Institute of France, Professor of Botany in the Royal Academy of Montpellier.*

MONTPELLIER, le premier Septembre 1845.

Je soussigné, Docteur ès-Sciences et Docteur en Médecine, Professeur de Botanique, et Doyen de la Faculté de Science de cette ville, Correspondant de l'Académie des Sciences de l'Institut, Chevalier de la Légion d'Honneur, déclare qu'il est en ma parfaite connaissance que Monsieur le Dr Joseph Hooker, qui s'est distingué comme botaniste dans le voyage au Pôle Antarctique commandé par le Capitaine Sir James Clark Ross, et qui est auteur d'un très estimable ouvrage sur les plantes recueillies pendant ce voyage, jouit d'une réputation Européenne justement méritée, et est regardé par les savants du Continent, comme un jeune homme destiné à fournir une brillante carrière scientifique.

FELIX DUNAL.

TRANSLATION.

September 1. 1845.

I, the undersigned, Doctor in Science and Doctor of Medicine, Professor of Botany, and Dean of the Faculty of Science in this city, Corresponding Member of the Institute and Academy of Science, and Knight of the Legion of Honour, testify, that it is in my personal knowledge that Dr Hooker, who has distinguished himself as the Botanist of the Antarctic Voyage commanded by Captain Sir James Ross, and who is the author of an admirable work upon the plants of that expedition, is in the enjoyment of a well-merited European reputation, and is regarded by the savans of the Continent as a young man destined to pursue a brilliant scientific career.

FELIX DUNAL.

LVIII.—From CHAS. GAY, *Member of the Institute, Chief of the Scientific Commission to Chili.*

PARIS, 27. Août 1845.

MONSIEUR,—Je viens d'apprendre avec plaisir que vous êtes porté comme candidat pour la place de Professeur de Botanique à l'Université d'Edimbourg restée vacante par la mort de M. Graham. Je ne doute point que l'Académie, rendant justice à votre grand mérite et à votre zèle, ne vous accorde spontanément une chaire, que du reste vous avez déjà, dit-on, occupé avec quelque succès. Si de mon côté vous croyez que mon témoignage puisse vous être de quelque utilité, je m'empresserais de déclarer que peut-être mieux que personne j'ai pu apprécier vos derniers travaux, ceux surtout qui font partie du grand voyage au Pôle Antarctique commandé par le Capitaine Ross. Occupé depuis longtems d'une flore du Chili, et par suite des plantes Magellaniques, je me suis vu obligé de faire une étude de celles des isles Auckland et Campbell que vous venez de publier, et je ne puis m'empêcher de dire que vos savantes descriptions et vos belles analyses sont pour moi une preuve non équivoque de votre grande capacité pour remplir une chaire que plus tard vous devez nécessairement illustrer.

J'ai l'honneur d'être avec une considération distinguée, Monsieur, votre tout dévoué serviteur,

GAY.

TRANSLATION.

PARIS, August 27. 1845.

SIR,—It gives me great pleasure to learn that you are a Candidate for the Professorship of Botany in Edinburgh, vacant by the death of Dr Graham. I cannot doubt that the University will do justice to your high merits and your zeal, and will

spontaneously appoint you to that chair which I am told you have already successfully occupied. If my testimony can be of the slightest service, I beg to assure you that no person has been in circumstances to appreciate more fully than myself the value of your late labours, and especially those which relate to the Antarctic Voyage, commanded by Captain Sir James Ross. My attention having been turned for some time to the plants of Chili and Magalhaens, I have peculiarly studied the botany of Campbell's Island and Lord Auckland's Group, recently published by you, and I cannot but declare that your erudite descriptions and beautiful analyses afford the most unequivocal proof of your ability to hold and to adorn the post to which you aspire.

I am, with the greatest respect and esteem, your devoted servant,

GAY.

LIX.—*From Captain DURIEU DE MAISONNEUSE, &c., &c., &c.,  
Chief of the Botanical Department of the Scientific Commission to Algeria.*

J'ai beaucoup vu M. Hooker fils pendant le séjour qu'il a fait à Paris au commencement de cette année. Comme tous les Botanistes Français, j'ai pu reconnaître et apprécier les profondes connaissances botaniques de M. Hooker, connaissances dont il donne d'ailleurs une manifestation si éclatante dans cette magnifique publication, où il fait connaître au monde savant les résultats si curieux et si nombreux de son beau voyage, et dont les premières livraisons, en l'élevant d'emblée au premier rang de la science, lui ont assigné une place non contéeste parmi les célébrités botaniques modernes.

La Cryptogamie, cette branche si intéressante de la botanique, et si difficile que la plupart des botanistes, même ceux de pre-

mier ordre, n'osent l'aborder, loin d'être étrangère aussi à M. Hooker, lui est au contraire très-familière, ainsi que tous les cryptogamistes spéciaux ont pu s'en convaincre, soit par leurs relations avec M. Hooker, soit par l'énumération de la quantité vraiment prodigieuse de matériaux cryptogamiques qu'il a rassemblés dans son Voyage Antarctique, matériaux qui n'ont pu être aperçus, appréciés et colligés que par un cryptogamiste très-habile.

En écrivant ceci, je ne suis que l'écho de l'opinion de tous les Botanistes Français, qui tous sont unanimes sur le mérite de M. Hooker.

Le Cap<sup>tes</sup> DURIEU DE MAISONNEUSE,  
Membre de la Commission Scient<sup>ifique</sup>  
de l'Algérie.

PARIS, le 8 7<sup>me</sup> 1845.

TRANSLATION.

I have seen much of Dr Hooker during the stay that he made in Paris in the commencement of the present year; and, in common with all the Botanists of France, I both observed and appreciated the profound botanical knowledge of Dr Hooker—knowledge of which he has further given such brilliant proof, through that magnificent publication, in which he is revealing to the scientific world the numerous and interesting results of his grand voyage, and of which the first Numbers, by suddenly raising him to the first ranks in science, have assigned him an incontestable place amongst the most celebrated modern Botanists.

The Cryptogamia, that branch of Botany so peculiarly interesting, and, at the same time, presenting such difficulties to Botanists, that even those of the first order hesitate to engage with it, instead of being neglected by Dr Hooker, is quite familiar to him; so much so, that all Cryptogamic Botanists have been convinced of this, either through their correspondence with Dr

Hooker, or from seeing the truly prodigious quantity of cryptogamic plants that he has collected during his Antarctic voyage, and which can neither be detected, appreciated, nor collected, but by a very efficient Cryptogamist.

In writing the above, I am merely echoing the opinion of all French Botanists, who are unanimous in their opinion of Dr Hooker's great merit.

CAPT. DURIEU DE MAISONNEUSE,  
Member of the Scientific Commission to Algiers.

PARIS, 24<sup>e</sup> September 1845.

LX.—From CAM. MONTAGNE, D.M., *Member of many learned Societies; eminent for his attainments and publications in Botany.*

12 RUE DES BEAUX ARTS,  
A PARIS, le 28 Août 1845.

MONSIEUR ET SAVANT CONFRÈRE,

J'apprends en même temps votre retour à Kew et la mort du regrettable Dr Graham, que je n'avais pas l'honneur de connaître personnellement. Je désire vivement que vous deveniez titulaire de sa chaire, que vous venez d'occuper temporairement avec tant de succès. Non seulement je le désire, mais je vous en crois éminemment digne. Dans les relations suivies que j'ai été assez heureux pour avoir avec vous pendant votre séjour à Paris, relations que la proximité de nos logemens facilitait singulièrement, nos entretiens presque journaliers sur la Botanique et sur une foule de sujets qui y sont intimement liés, m'ont permis d'apprécier votre savoir aussi varié que profond. C'est dans ces entretiens encore, non moins que dans les publications que vous avez déjà faites, que je puise la conviction, qu'aucune branche, aucun point de la science, ne vous était étrangers. Je pense donc que, quelle que fut son importance, vous

rempliriez dignement, brillamment même, une chaire de Botanique. A ces témoignages sincères de mon estime toute particulière pour vous, et de ma haute considération pour vos talents, je me permettrai d'ajouter encore, que le jugement que je porte ici sur votre mérite, je l'ai entendu formuler dans les reunions scientifiques de la capitale par les hommes les plus haut placés dans la science. Je compte assez sur les lumières de vos juges pour espérer que vous ne tarderez pas à m'apprendre votre élection, à laquelle j'applaudirai de grand cœur; et il y aura de l'écho ici.

Faites de ma lettre l'usage qui vous conviendra, et agréez la nouvelle assurance des sentimens distingués que vous m'avez inspirés.

Votre tout dévoué confrère,

MONTAGNE.

A Monsieur J. DALTON HOOKER, Docteur en  
Médecine, Botaniste de l'Expédition au Pôle  
Antarctique, etc.

TRANSLATION.

PARIS, August 28.

MY DEAR AND LEARNED FRIEND,

I am just informed of your return to Kew, and of the decease of the regretted Dr Graham. I had not the pleasure of his personal acquaintance; but I earnestly desire that you may become his successor in that Chair, which you temporarily occupied with such eminent success, and of which I consider you peculiarly worthy. During the intercourse which I enjoyed with you during your stay in Paris, an intercourse facilitated by the proximity of our respective abodes, our daily conversation turned upon Botany and the numerous topics intimately connected with it, and I was thus enabled to appreciate your varied and extensive fund of information. From these conversations, and from your published works, I derive the conviction that no branch of

science is unknown to you. I quite think that you will both worthily and brilliantly fill a Botanical Chair; and to this sincere expression of my own private esteem and my appreciation of your talents, I must beg leave to add that my opinion of your merits is sanctioned by that of all the scientific individuals and societies in the French Capital, and the most eminent men of the country. I cannot but reckon on your election as secure, and the enlightened judges will find an echo here to their choice of you. Make what use you please of my letter, and believe me your attached and sincere friend and fellow-labourer,

MONTAGNE.

To J. D. HOOKER, M.D.,  
Botanist to the Antarctic Expedition.

LXI.—From Dr LEVEILLÉ, D.M.P., *Author of many Essays, particularly upon Cryptogamic Botany.*

PARIS, le 28 Août 1845.

A Monsieur le Dr J. D. HOOKER.

C'est avec un vrai plaisir que je rends aujourd'hui témoignage à vos connaissances en Botanique.

J'ai étudié vos différents écrits, et en particulier ceux qui traitent de la Cryptogamic; j'y ai trouvé des observations positives et variées dans une branche de la science à laquelle j'ai consacré moi-même une partie de ma vie; vous m'avez paru posséder en outre des notions exactes sur les végétaux vivans, soit cultivés dans nos serres, soit sur la plantes d'Europe, que tout Botaniste doit connaître à fond comme vous, lorsqu'il est appelé à un enseignement universitaire.

Enfin votre *Flora Antarctica*, par l'étendue des connaissances qu'on y rencontre à chaque page, vous place aujourd'hui de la

manière la plus honorable parmi les Botanistes. Je me plais donc à rendre justice à vos travaux en vous en adressant ici le témoignage.

LEVEILLÉ, D.M.P.,  
S.P.Par., M.S.L., M.S.M.P., &c. &c

TRANSLATION.

PARIS, Aug. 29. 1845.

To Dr HOOKER.

SIR,—I feel sincere pleasure in being permitted to testify to your Botanical knowledge.

I have attentively studied your different writings, and especially those which treat of the Cryptogamia, and have found them to contain most close and varied information on a branch of science to which I have devoted great part of my life. You also shew yourself to possess a very accurate knowledge of living plants, both those of Europe and such as are cultivated in our stoves; and it is only a Botanist who understands these thoroughly, as you do, who is competent to teach them in such a manner as they should be taught in a University.

Finally, your *Antarctic Flora*, with the extensive information displayed in its every page, gives you a most honourable rank among Botanists, and makes it both my pleasure and duty to bear witness to your abilities.

LEVEILLÉ, D.M.P.,  
S.P.Par., M.S.L., M.S.M.P., &c. &c.

LXII.—From EDWARD FORBES, Esq., F.R.S., L. & E., F.L.S.,  
F.G.S., &c., *Professor of Botany in King's College, London.*

KING'S COLLEGE, LONDON,  
August 29. 1845.

MY DEAR SIR,—With the greatest pleasure I offer my humble testimonial in favour of your claims to the office for which

you are at present a Candidate. All I know of you convinces me that no Botanist will do greater justice to a University Chair, eminently fitted as you are, by natural talents, scientific acquirements, and original research, for such a post. On the last point I would lay especial stress, because the reputation of a Professorship, and the service it may render to a College, must ever depend on the untiring energy and frequent contributions to science of the Professor. I need only refer to your published memoirs, as abundant evidence, not merely of promise, but also of performance.

Wishing you every success, believe me, dear Sir, most sincerely yours,

Dr HOOKER.

EDWARD FORBES.

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LXIII.—From Dr G. J. ALLMAN, M.B., F.R.C.S.I., M.R.I.A.,  
*Professor of Botany in the University of Dublin.*

TRINITY COLLEGE, DUBLIN,  
September 1. 1845.

Though I have not the pleasure of being personally acquainted with Dr Joseph Hooker, I have long known him through his valuable Botanical labours. Dr Joseph Hooker is indeed a most distinguished Botanist, and I feel great pleasure in bearing testimony to his high eligibility for the office of Professor of Botany in the University of Edinburgh, believing that his election would reflect credit on the University, and greatly promote the interests of science.

GEO. J. ALLMAN,  
M.B., F.R.C.S.I., M.R.I.A.,  
Professor of Botany in the University of Dublin.

LXIV.—From Dr HARVEY, *Keeper of the Herbarium of Trinity College, Dublin, and author of many valuable Botanical works.*

I learn with great pleasure that Dr Joseph Dalton Hooker has offered himself a Candidate for the Chair of Botany, now, by the lamented death of Dr Graham, vacant in the University of Edinburgh. If an ardent love of Botanical science for its own sake, a zeal and devotion in its pursuit, and abilities commensurate with that zeal, be the chief requisites to form a Professor of Botany, it wants no word from me to shew that Dr Hooker possesses these in a very eminent degree.

The manner in which, during four years of voluntary exile, he discharged the duties of Naturalist to the late South Polar Expedition, sufficiently proves his *zeal*, and the "*Flora Ant-arctica*" will be a lasting monument of his ability. This work not merely exhibits unwearied industry and acuteness in exploring the Flora of the countries visited; but the excellent analytical descriptions, and the innumerable observations with which the volume already published abounds, stamp a value upon it, as an *original* work, such as few similar ones possess in a greater degree; and shew how admirably fitted Dr Hooker is to teach a science he understands so well, so ardently loves, and so ably illustrates.

W. H. HARVEY,  
Keeper of the Herbarium of Trinity College,  
Dublin.

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LXV.—From Dr SCOULER, F.L.S., &c., &c., *Professor of Natural History to the Royal Dublin Society.*

GLASGOW, 25th August 1845.

MY DEAR SIR,—As it is your intention to become a Candidate for the Botanical Chair in the University of Edinburgh,

I have much pleasure in stating what I know respecting your qualifications for teaching Botany. From your earliest years you have been devoted to the study of Botany, and have profited by the great advantages which you enjoyed. Your knowledge of British plants is complete and practical, and is not confined to the easily-acquired department of Flowering Plants, but extends to the more difficult and critical study of the Mosses, Lichens, &c. In addition to the indispensable knowledge of indigenous plants, and also of general Botany and the Natural Orders, you possess what is scarcely less essential—a practical familiarity with the details of the science, obtained during a voyage to some of the most remote, as well as interesting, regions. Such a voyage could only be undertaken by those who have a genuine and disinterested love for the science. Of the extent of your zeal and botanical talents, I need only mention your excellent *Flora Antarctica*, which contains so much new and interesting matter. I can also speak with confidence of your Medical knowledge, and also of your acquirements in the various branches of Natural History, which cannot fail to be of advantage, or rather of indispensable necessity, on the part of a Professor whose duty it will be to instruct Students of Medicine. I believe there are few who can combine all the advantages which you possess, or who, judging by your past labours, is more likely to become both a valuable teacher and an active promoter of the science of Botany.

My dear Sir, very truly yours,

JOHN SCOUER, M.D., F.L.S.,  
Professor of Nat. Hist., Dublin.

JOSEPH HOOKER, Esq., M.D., &c., &c.

LXVI.—From W. BORRER, F.R.S., F.L.S., &c., author of  
*many Essays, especially on British Botany.*

HENFIELD, Aug. 29. 1845.

MY DEAR SIR,—Although I have not the pleasure of your personal acquaintance, I cannot but express my conviction, from your occasional communications, and from your *Antarctic Flora* especially (which, however, is before the world, and consequently gains nothing from any opinion that I could give), of your high Botanical acquirements, which, should you be appointed to the Edinburgh Professorship, will, I doubt not, enable you to prove yourself a worthy successor of the late excellent occupant of that Chair.

To hear of your success will be very gratifying to, my dear Sir, your faithful servant,

W. BORRER.

Dr HOOKER.

LXVII.—From the Rev. M. J. BERKELEY, M.A., F.L.S., &c.,  
*a distinguished Cryptogamic Botanist.*

TO THE LORD PROVOST, AND THE MEMBERS OF THE TOWN COUNCIL  
OF EDINBURGH, &c., &c., &c.

From an intimate acquaintance with Dr J. D. Hooker, as well as from an attentive study of his work, now in progress, on the Botany of the Antarctic Regions, I have no hesitation in stating my conscientious opinion, that, on account of his extensive knowledge, correct judgment, extreme diligence, his habits of minute and accurate research, and of the high estimation of his talents, both in Great Britain and on the Continent, there

is no one more capable of filling the vacant Botanical Chair at Edinburgh, with benefit to the pupils and credit to the University.

M. J. BERKELEY, M.A., F.L.S.

Kino's Cliff, Sept. 3. 1845.

LXVIII.—From Dr THOS. TAYLOR, M.R.I.A., &c., eminent  
as an author of various works on Plants.

DUNKERRON, KENMURE,  
30th August 1845.

MY DEAR SIR WILLIAM,

I am very happy to hear that your Son, Dr Joseph Dalton Hooker, is a Candidate for the Professorship of Botany in the University of Edinburgh. I am satisfied that his appointment would confer honour and advantage on any school with which he might be connected. I cannot conceive any course superior to that adopted by Dr Hooker for the acquirement of Botanical knowledge, viz., early and continued study, extensive European correspondence, personal investigation of Nature, with a zeal that made light of expense, toil, or risk, over a great part of the earth's surface, and especially in Antarctic Regions. The results are a series of extensive discoveries, in the course of publication, and an impulse to science, that (as far as I may be permitted to judge, after the botanical experience of a pretty long life) reflect the greatest credit on his acquirements and even a national lustre on his country. Such public, such undoubted testimonials are far above any eulogies that the most partial private friendship could suggest.

I remain, my dear Sir William, yours very sincerely,

THOS. TAYLOR, M.D.

Sir WILLIAM J. HOOKER, &c., &c.,  
Royal Gardens, Kew.

LXIX.—From THOMAS HORSFIELD, M.D., H.E.I.C.S., F.R.S.,  
L.S., &c. &c., Keeper of the Museum of the Honourable East  
India Company.

LIBRARY, EAST INDIA HOUSE,  
28th August 1845.

DEAR SIR,—I learn with much interest that your son, Dr Joseph Hooker, is now a Candidate for the Botanical Chair in the University of Edinburgh, vacant by the death of Professor Graham. Although I have a high opinion of Dr Hooker's qualifications as a Botanist, it would not be pertinent in me to attempt to detail these, since my attention has latterly been directed chiefly to Zoology. There is, however, one circumstance to which I may, with propriety, refer on the present occasion. As a Member of the Committee of Botany and Vegetable Physiology of the Royal Society, I had the honour to be present when the Recommendations and Instructions for the Botanist of the Antarctic Expedition, which had been prepared by the President of the Committee, Professor J. Lindley, by desire of the Council of the Royal Society, were communicated to Dr Joseph Hooker, in the presence of the Commander of the Expedition, Captain Ross. The tenor of these Instructions was of a very extensive and important nature, and the members of the Committee felt considerable anxiety on behalf of the responsibility which rested on the Botanist of the Expedition. It was, therefore, in the highest degree satisfactory, to me in particular, to notice the complete manner in which Dr Hooker had performed the duties intrusted to him; and I have much pleasure in adding my testimony to that of many persons more competent to determine than myself. I am persuaded that the expectations of Dr Joseph Hooker's friends have been fully realized, and that the results of his researches, which are now in progress of communication to the scientific public, do



him great credit, and have tended to the advancement of Botanical knowledge.

The advantages of Dr Joseph Hooker's elementary education, and the experience which he has gained since his return from the Antarctic Expedition, authorise me to express my conviction of the excellent qualifications he possesses to perform the duties of Professor of Botany in the University of Edinburgh; and his appointment to that Chair would, in my opinion, be highly advantageous to the University.

I am, dear Sir William, your faithful servant,

THO. HORSFIELD.

SIR WILLIAM JACKSON HOOKER.

LXX.—From HUGH FALCONER, M.D. (Edin.), H.E.I.C.S., F.R.S., L.S., G.S., &c. &c., late Superintendent of the Botanical Gardens of Saharampoor.

LONDON, 28th August 1845.

I have known Dr Joseph D. Hooker about two years. During this time, I have had frequent opportunities of observing his ardent love of, and entire devotion to, the science of Botany. Educated, as the Son of one of the most distinguished English Botanists, under the most favourable circumstances for attaining eminence in the pursuit—with the best of precept and example to guide him—and early familiarized to every thing relating to plants that can be acquired in an excellent Botanic Garden, with constant access to one of the richest Herbaria and best Botanical Libraries in Europe, he has already given ample proof that he has profited well by these rare advantages. Dr J. D. Hooker's work on the Botany of the "Voyage of the Erebus and Terror," is a monument to his reputation, and it has already secured for him a distin-

guished place among descriptive Botanists: it evinces an extensive and general knowledge of plants, careful habits of observation, accuracy, and discrimination in the descriptions, and power of sustained application.

As he has shared in his Father's love of Botany, Dr Hooker promises fair to inherit Sir W. Jackson Hooker's reputation as a Botanist, and to be a valuable acquisition to any institution with which he may be connected.

H. FALCONER.

LXXI.—From M. PAKENHAM EDGEWORTH, Esq., H.E.I.C.S., F.L.S., &c. &c., Author of various Papers, especially on the Botany of India.

September 1. 1845.

MY DEAR SIR,—It is with great pleasure that I add my testimony to your qualifications for the Chair of Botany at Edinburgh. None, I suppose, have had such opportunities of cultivating the science, whether in your Father's excellent, almost unrivalled Herbarium, or in your extensive travels and labours among the living plants, especially of the Southern Hemisphere, as proved in your very interesting work on the Antarctic Flora of the Erebus and Terror voyage, and your numerous separate papers published in the Journal of Botany; and none, I am sure, would make a better use of those opportunities than yourself.

Believe me to be, with the most sincere wishes for your success, yours very sincerely,

M. PAKENHAM EDGEWORTH.

Dr JOSEPH DALTON HOOKER.

LXXII.—From THOS. NUTTALL, Esq., F.L.S., &c., the distinguished American Botanist, author, and traveller.

TO THE RIGHT HONOURABLE THE LORD PROVOST AND TOWN-COUNCIL  
OF EDINBURGH.

GENTLEMEN,—I feel great pleasure in being able to recommend to your favourable consideration a Botanist so distinguished as your Candidate, Dr Hooker. His labours are no doubt before you, in the accurate descriptions and beautiful illustrations of the plants collected in the public expedition, possessing merits which have rarely been surpassed. His capacity for teaching the science he professes has also been put to the test with the most perfect success, so as to leave scarcely any thing further to be desired, than the hope that he may obtain the distinguished situation to which he aspires.

I remain your obedient Servant,

THOS. NUTTALL.

SUTTON, near RAINHILL,  
Sept. 2. 1845.

LXXIII.—From WM. ARNOLD BROMFIELD, M.D., F.L.S., &c., &c., author of various papers on Botanical subjects.

I, the undersigned, am of opinion, from what I know from personal acquaintance and common report, of the zeal, talent, and knowledge, theoretical and practical, of the science of Botany possessed by Dr Hooker, that he is eminently qualified to fulfil the duties of the Botanical Chair at the University of Edinburgh, for which he is now a Candidate.

WM. ARNOLD BROMFIELD.

RYDE, ISLE OF WIGHT,  
August 29. 1845.

LXXIV.—From N. B. WARD, Esq., F.L.S., &c., &c., Inventor of the "Ward Cases," and various important improvements in the transport and cultivation of living plants.

I have had the pleasure of being acquainted with Dr Joseph Hooker for many years, and embrace with delight the opportunity now offered of bearing my humble testimony to his Botanical merits.

Availing himself to the fullest extent of the singular advantages which he, above other Botanists, has possessed, he has shewn, by his *Flora Antarctica*, that the confidence reposed in him by Government has been well-founded.

Should he be elected to the vacant Chair of Botany in the University of Edinburgh, he will, I am confident, fulfil its duties with honour to himself and great advantage to the University.

N. B. WARD.

WELLCLOSE SQUARE, LONDON,  
3d Sept. 1845.

LXXV.—From W. C. TREVELYAN, Esq., M.A., F.L.S., G.S., &c., &c.

WALLINGTON, August 25. 1845.

MY DEAR SIR,—I am very glad to learn that Dr Hooker junior, is a Candidate for the vacant Professorship of Botany in the University of Edinburgh. He is, I believe, a person of first-rate talent in Botany, which indeed is evident, from the splendid work he has lately published as the result of his researches, the "Flora Antarctica."

Of his powers as a practical teacher of the science, you are well aware what a favourable specimen he gave in the lectures

he delivered in Edinburgh last spring, when assisting the late Professor; and, should he be elected, I have no doubt that the University will reap much advantage from the choice.

Believe me, my dear Sir, yours most truly,

W. C. TREVELYAN.

To Dr NEILL, &c., &c.

LXXV.—From Sir WILLIAM JARDINE, Bart., F.R.S., Ed.,  
F.L.S., &c. &c.

JARDINE HALL, September 3. 1845.

MY DEAR SIR,—I found your note of 27th August on my table when I returned here yesterday, having been absent nearly three weeks; and this, I trust, will account for any delay in my reply. I have not been at this time applied to by any Candidate for the Edinburgh Chair of Botany, and therefore feel no hesitation in giving you any assistance I can in furthering your views. Of your actual Botanical qualifications you know I can scarcely speak; but to your enthusiasm and energy in seeking information, even when entering upon the very commencement of your career, I can bear my testimony; and from all that I have either heard, read, or seen since, that desire to advance your profession, if I may so call it, and to add to your information, seems to have daily increased. The fact of our late lamented Botanical Professor, whose place you are now aspiring to fill, having selected you as fitted to conduct the course which he could not, from ill health, attempt, must be at once a guarantee to the public. I have spent many happy days with Dr Graham, both in the class and in the field (I was a pupil either in his first or second Course), and know that he was alive not only to the value of the science he taught, but to the importance of conducting himself in such a manner to his pupils, that they could

freely communicate with him; and, when time suited, he could be the friend as well as master. You are young; but our Universities of Scotland will do well to bear in mind, that while they do not rashly confer honours on the inexperienced, that you have seen much and studied keenly, and that you still have the happiness to possess a Father who can, and I am sure will, at all times supply counsel and information to a son who has hitherto so well conducted himself. With my wishes for your success, believe me sincerely,

WM. JARDINE.

Dr HOOKER.

LXXVI.—From CHARLES LYELL, Esq., of Kinnordy, M.A.,  
F.L.S., &c., &c.

KINNORDY, August 26. 1845.

MY DEAR SIR,—I do most heartily wish you may succeed in your endeavour to obtain the vacant Botanical Chair in the University of Edinburgh. My feelings, no doubt, are strongly influenced by long acquaintance and personal regard, but I can most conscientiously say, that I do not believe the interests of the University could be better promoted than in electing you.

You may be compelled, through fear of being thought wanting in respect to the electors, to comply with the modern practice of circulating testimonials. I therefore beg to offer mine; bearing witness to your moral worth, and general high scientific attainments. For your peculiar ability to fill with distinction the place of our deceased friend Dr Graham, you have afforded the best of evidence, by the course of lectures which you recently delivered as his assistant, and by the noble volume containing part of the Botanical fruits of your Antarctic Voyage.

Believe me, with the sincerest esteem, very truly yours,

CHA. LYELL.

To JOSEPH D. HOOKER, M.D.

LXXVII.—From Captain H. D. TROTTER, R.N., *Commander of the late "Niger Expedition."*

BRIDGE OF ALLAN, STIRLING,  
27th August 1845.

DEAR DOCTOR HOOKER,

I am very glad to hear of your being a Candidate for the Botanical Chair at Edinburgh. I need not say how desirous I shall be for your success, for I feel persuaded you are well fitted for the post. I am sure you will have the hearty good wishes of the Edinburgh students, to whom, Professor Simpson told me, you had given great satisfaction during your late Summer Course of Lectures; and your Polar companions, to whom your labours are so well known, will be much interested in the matter. The length of time you have devoted, privately as well as publicly, to Botany, and your long fixed determination to devote your life to that pursuit alone, give you a claim which is sure to meet with due consideration by those who have the appointment in their gift. Your appointment would certainly give great satisfaction in Scotland, where you are so well known and esteemed. Indeed, we claim you for a countryman (in itself a recommendation on this side the Tweed); for, if not by birth, you are certainly one by education and early associations.

With Mrs Trotter's kind regards and best wishes, believe me, my dear Sir, yours very truly,

H. D. TROTTER.

Dr HOOKER.

LXXVIII.—From Professor W. RAMSAY, M.A., *Sec. Sec., Professor of Humanity in the University of Glasgow.*

GLASGOW COLLEGE, 29th August 1845.

Mr Joseph Hooker attended my lectures in the University of Glasgow about thirteen years ago. I have still a very lively

and most pleasing recollection of the great abilities and intelligence which he uniformly displayed, of his amiable disposition, and of his pleasing address. Since that period, Mr Hooker has devoted himself with uncommon ardour to the study of Natural History; and those who are even least conversant with such pursuits, cannot fail to be aware that he has already enjoyed opportunities for original investigation which fall to the lot of very few, and that he has made the best possible use of those advantages, having achieved for himself, while still in the first vigour of youth, a degree of reputation in the scientific world to which few attain, after a long life of laborious exertion.

WILLIAM RAMSAY.

LXXIX.—From Dr WM. COUPER, *Professor of Natural History in the University of Glasgow.*

GLASGOW COLLEGE,  
23d August 1845.

MY DEAR SIR,—I have great pleasure in complying with your request, that I should state my opinion of your qualifications for the Edinburgh Chair of Botany, vacant by the death of my much esteemed friend Dr Graham. After an intimate acquaintance with you of nearly a quarter of a century, I have, without condescending to particulars, no hesitation in affirming, that I know no individual more highly qualified for that very important Chair than yourself, and that I shall view your election to the same as being most likely to prove highly satisfactory to the public of Edinburgh at large, as well as creditable to the discrimination of those in whom the patronage resides.

I remain yours very truly,

WM. COUPER.

Dr HOOKER.

LXXX.—From CHAS. KÖNIG, Esq., K.H., F.R.S., F.L.S.,  
H.M.C.P.S., *Senior Keeper of the Natural History Department in the British Museum.*

*August 27. 1845.*

Being informed that Dr Hooker is a Candidate for the Botanical Professorship in the Edinburgh University, I gladly take this opportunity to record my testimony as regards that gentleman's attainments, which appear to me eminently to qualify him for the Chair of that Science to which he has most successfully dedicated the greater portion of his life. That Dr Hooker has well profited by the peculiar advantages afforded him for cultivating Botanical Science, is fully proved by the result of his labours during the Antarctic Expedition, on which he accompanied Captain Sir James C. Ross, when those valuable collections were formed by him which form the subject of his great work, now in progress of publication under the auspices of the Crown. Under these circumstances, and since, moreover, his ability and success as a Botanical Lecturer are already known to many, I have no hesitation in giving it as my opinion, that the Chair become vacant by the death of Professor Graham would be filled by Dr Hooker with equal credit to the University and to himself.

CHAS. KÖNIG.

LXXXI.—From ROBERT GRANT, M.D., F.R.S. L. & E., F.L.S.,  
&c. &c., *Professor of Zoology in the London University.*

PARIS, JARDIN DU ROI,  
*29th August 1845.*

MY DEAR SIR,—Although my acquaintance with your highly talented and accomplished Son has been too short to enable me

to form an estimate of his attainments from personal knowledge, I have great pleasure in stating, that I am aware of his reputation as a skilful and zealous Botanist, especially from the high character of his acquirements I have heard from Mr Brown; and I am glad to learn that there is a Candidate for the Chair of Botany in my Alma Mater of so great promise as Dr J. D. Hooker.

I remain, my dear Sir, with great respect and esteem, yours most truly,

ROBERT E. GRANT.

Sir W. J. HOOKER, LL.D., &c.

LXXXII.—From WM. YARRELL, Esq., F.L.S., &c. &c.

HYDER STREET, ST JAMES'S,  
*1st September 1845.*

DEAR SIR,—Having known you for some years, and understanding that you are a Candidate for the Botanical Chair in Edinburgh, vacant by the death of the lamented Dr Graham, I have great pleasure in offering a testimonial in your favour, if worth your acceptance.

The high degree of satisfaction afforded to all parties concerned by your Botanical Lectures during the past season, with the elaborate descriptions and beautiful representations of the Botanical subjects obtained during the Antarctic Voyage, will, I have no doubt, be accepted in proof of your zeal and ability, while the appointment you seek would be a gratifying reward for the great personal risk and privations which such an arduous and lengthened service as that you were lately engaged in with Sir James Ross must always include.

I hope you will be successful in your endeavour, but I fear

that my own want of Botanical knowledge will allow but little weight to this expression of my wishes.

I am, dear Sir, yours sincerely,

WM. YARRELL.

Dr JOSEPH D. HOOKER.

LXXXIII.—From G. CH. HARRISON, Esq., F.R.S., F.L.S.,  
F.H.S., &c.

I have very great satisfaction in giving my testimony in favour of Dr Joseph Dalton Hooker, who is a Candidate for the Chair of Botany in the University of Edinburgh, to fulfil the duties of which I consider that he is eminently qualified by his scientific attainments, in proof of which I conceive it will be sufficient alone to refer to the manner in which he has distinguished himself as Botanist to the recent Antarctic Expedition under Sir James Ross, and to the talent which he has displayed in the publication of the beautiful "Flora Antarctica."

G. CHA. HARRISON.

31, YORK TERRACE, REGENT PARK, LONDON,  
1st Sept. 1845.

LXXXIV.—From Count E. P. DE STRZELECKI, the eminent  
*Voyager and Traveller*; and author of "*A Physical Description of New South Wales and Van Diemen's Land.*"

MORLEY'S HOTEL, LONDON, 2d August 1845.

MY DEAR HOOKER,—It gives me great pleasure to hear that you are a Candidate for the vacant Professorship of Botany

in the celebrated University of Edinburgh; and I hasten to send you, poor as it is in weight, my sincere testimony to the high qualifications you possess for the fulfilment of its important duties. I have had what I must call the honour and benefit of your acquaintance and personal friendship for years; and I am certain that your election to that Chair will be a most important benefit to that University, justly celebrated as it is; for you possess (as your Lectures there must have already shewn) the two great qualifications, of a knowledge of the science at once profound and practical, and that enthusiasm for its various branches, and liberal desire to communicate all your varied acquisitions, which will make you popular with the pupils who may place themselves under your care. With my whole heart, therefore, I wish you success, and remain

Your most sincere

P. E. DE STRZELECKI.

Dr JOSEPH DALTON HOOKER.

Excuse the delay. It is but yesterday that, after returning to town from Boulogne, where I have passed nearly two months, your letter was handed to me.

LXXXV.—From R. H. SOLLY, Esq., F.R.S., L.S., A.S., H.S.,  
&c., &c., author of various Papers, especially upon the  
*Physiology of Plants.*

48, GREAT ORMOND STREET,  
27th August 1845.

MY DEAR SIR,—Understanding you are a Candidate for the Chair of Botany in the University of Edinburgh, it would give me great pleasure if I could be of any service to you on this occasion, as I know of no person better calculated to supply the

great loss the University has sustained by the death of Dr Graham.

I remain, my dear Sir, yours very sincerely,

R. H. SOLLY.

To Dr JOSEPH DALTON HOOKER.

LXXXVI.—From Capt. Sir Wm. SYMONDS, R.N., *Surveyor of the Navy, &c., &c.*

ADMIRALTY, LONDON,  
Sept. 8. 1845.

MY DEAR SIR,—I am happy to hear that you are a Candidate for the Chair of Botany in the University of Edinburgh, as I consider that your attainments highly qualify you for such a situation; and I shall be most happy to congratulate you and Sir William, if you are successful, as I consider that your animated enterprise with Ross, and your elaborate work on the subject of those researches, eminently entitle you to such distinction, if you are really desirous of it. I will not fill my note with fulsome compliments; but I well know that in private life you are in possession of the warmest interest which true friends can feel who all desire your welfare. I am always your sincere friend,

W. SYMONDS.

Dr HOOKER.

LXXXVII.—From ALPH. DE CANDOLLE, *Professor of Botany in the Academy of Geneva.*

GENEVE, 8 Septembre 1845.

MESSEIERS LES MEMBRES DU CONSEIL DE LA VILLE  
D'EDINBURGH,

J'apprends que vous êtes à la veille de nommer un Professeur de Botanique à la place de feu Mr le Professeur Graham, et que Mr le Docteur Jos. Dalton Hooker se présente comme candidat.

Permettez moi de recommander particulièrement à vos suffrages ce jeune naturaliste, qui est déjà connu par d'importants travaux. Les fatigues de l'Expedition au Pole Antarctique ne l'ont pas empêché de travailler activement pendant le voyage, et son retour a été bientôt suivi de publications d'un grand intérêt.

Mr le Docteur Hooker a été élevé à une bonne école. Je ne doute pas qu'il ne tienne à honneur de marcher sur les traces paternelles, et de continuer à enrichir la science pour quelle il a déjà beaucoup fait. Sa nomination serait regardée, j'en suis persuadé, comme très digne de l'Université d'Edinburgh, de cette Université qui compte chez nous des élèves distingués et de nombreux admirateurs.

Recevez, Messieurs, l'assurance du respect avec lequel j'ai l'honneur d'être votre très humble et très obéissant serviteur,

ALPH. DE CANDOLLE,  
Professeur de Botanique à l'Académie de Genève.

## TRANSLATION.

GENEVA, Sept. 8. 1845.

GENTLEMEN, TOWN-COUNCILLORS OF EDINBURGH,

I am informed that you are on the eve of nominating a Professor of Botany in the place of the late Dr Graham, and that Dr Joseph Dalton Hooker is among the Candidates. Permit me to recommend, in a special manner, for your suffrage, this young Naturalist, who is already known by his important labours. The fatigues of the South Polar Expedition have not prevented his working diligently during the voyage, and his return has been quickly followed by a publication of high interest.

Dr Hooker has been educated in an excellent school, and I cannot doubt that he holds it an honour to tread in his Father's steps, and to continue to enrich a science for which he has done so much. His nomination would be considered, I am confident, as worthy of the University of Edinburgh, a University which has distinguished pupils and numerous admirers among us.

Accept, Gentlemen, the assurance of the respect with which I have the honour to be your humble servant,

ALPH. DE CANDOLLE,

Professor of Botany in the Academy of Geneva.

LXXXVIII.—From Baron ALEXANDRE DE HUMBOLDT.

à SANS SOUCI, ce Sept. 2. 1845.

Si d'autres occupations m'ont éloigné des études botaniques, auxquelles une grande partie de ma vie a été vouée, je n'en ai pas moins continué à suivre avec intérêt les progrès modernes de la Botanique, et à apprécier les travaux de ceux qui ont acquis une réputation solidement établie dans cette science.

C'est par ces motifs que je crois ne pas devoir hésiter de donner au savant Botaniste, Docteur Joseph Hooker, le témoignage de la haute estime qu'il s'est justement acquise parmi les hommes du premier ordre dans ma Patrie et en France. Ses premières études de Cryptogamie, si utiles à diriger l'esprit, dans la variété des formes, sur les recherches de structure, avoient déjà excité un vif intérêt. La Flore Antarctique, fruit d'une expédition si glorieuse pour l'Angleterre, n'est pas seulement distinguée par la nouveauté des objets; elle est remarquable surtout par la sagacité avec laquelle le Dr Joseph Hooker a reconnu le caractère des familles naturelles et leurs affinités mutuelles, en suivant les traces de Robert Brown, le premier et le plus spirituel des Botanistes de nos temps. Après la précision des analyses, on voit faire l'éloge des diagnoses caractéristiques de Dr Hooker, partie souvent négligée par les voyageurs modernes. La Flore Antarctique est également riche en observations de Physiologie végétale, de Géographie des Plantes, et de discussions sur l'influence des climats dans les distributions des genres et des espèces. Dr Joseph Hooker n'est pas seulement adonné à la Botanique descriptive, ses vues s'étendent plus loin, sur toutes les parties de la Physique du Globe qui ont rapport à l'organisation. Il m'est doux d'ajouter, que l'opinion que j'annonce sur le talent et les excellents travaux du Dr Joseph Hooker, est partagée par mes amis Professeurs Link, Endlicher, Kunth, Ehrenberg, Klotzsch, Schleiden, Jussieu, Gaudichaud, et par tous ceux qui, comme moi, ont pu profiter des lumières de ce Botaniste laborieux, solide dans ses travaux, varié dans ses connaissances.

LE B<sup>M</sup>. ALEXANDRE DE HUMBOLDT.

## TRANSLATION.

If other occupations have turned me aside from those botanical studies, to which a large portion of my life was devoted, I



have not the less continued to follow with interest the modern progress of Botany, and to appreciate the labours of those individuals who have acquired a well-founded reputation in this science. These reasons lead me to believe that I ought not to hesitate in giving that learned Botanist, Dr Joseph Hooker, an assurance of the high reputation which he has justly earned among men of the highest order in my own country, and in France. His early labours among the Cryptogamia, so peculiarly fitted to direct the mind to the varieties of form and to scrutiny of structure, had excited lively interest, when his *Antarctic Flora* appeared. This work is the fruit of an Expedition highly honourable to England; and it is not only distinguished by the novelty of its subjects, but is remarkable for the sagacity with which Dr Hooker has traced the characters of the natural families and their mutual affinities, following, in this respect, the steps of Mr Robert Brown, that first and most enlightened Botanist of our days. After the precision of his analyses, the characteristic diagnoses of Dr Hooker demand approbation; and this department is too often neglected by modern travellers.

The *Antarctic Flora* is equally rich in observations on Vegetable Physiology, the Geography of Plants, and discussions on the influence of climate on the distribution of genera and species.

Dr Hooker has not devoted himself solely to descriptive Botany; his views extend farther, and embrace all the physical conditions of our globe which refer to organization.

I may add that the opinion which I entertain of Dr Hooker's abilities and his excellent works is also held by my friends, Professors Link, Endlicher, Kunth, Ehrenberg, Klotzsch, Schleiden, Jussieu, Gandichand, and all those individuals who, like myself, have profited by the enlightened labours of this industrious Botanist, who is solid in his knowledge and varied in his acquirements.

BARON ALEXANDER DE HUMBOLDT.

SANS SOCCI, Sept. 2. 1845.

LXXXIX.—From GEORGE WAILES, Esq., *Secretary to the Botanical and Horticultural Society of Newcastle, and a distinguished cultivator of tropical Orchidaceae.*

NEWCASTLE-ON-TYNE,  
1st Sept. 1845.

MY DEAR SIR,—The present affliction in which my valued friend Sir W. Hooker's family is plunged, induces me to intimate to you, that, in a letter, from Dr Gardner\* of Ceylon, which I found on my return home, he bears strong testimony to the abilities of Dr J. D. Hooker, and observes that the *Antarctic Flora* "certainly does him the greatest credit." This is the more valuable, as he could not then know that Dr Hooker was a Candidate for the vacant Chair in the Edinburgh University.

I wish I could express how highly I esteem the talents of Dr Hooker, whom I have known intimately for the last ten or twelve years, and was so glad to meet unexpectedly at Canonmills the other day. The great ability he has displayed in his *Antarctic Flora* places him very high in the scientific world; and his clever papers in the *Tasmanian Journal*, and most erudite descriptions in the *Icones Plantarum*, ought not to be overlooked: they are the work of one who bids fair to take the first rank amongst Botanists.

I do hope the Lord Provost and Town-Council will see fit to appoint him to fill the Chair vacated by the lamented death of Dr Graham; for I feel assured that in so doing they will not only confer a lasting favour on Botany, entitling themselves to the thanks of the scientific world at large, but a benefit on

\* Late Professor of Botany in the Andersonian Institution at Glasgow, author of *Brasilian Flora*, &c., &c., and now Superintendent of the Royal Gardens in Ceylon.

your excellent University, and an honour on themselves, as the patrons of so gifted an individual as Dr Hooker.

Believe me, my dear Sir, very faithfully yours,

GEO. WAILES.

Dr NEILL.

P.S.—You are at liberty to make what use of this letter you think proper.

XC.—From Dr J. F. KLOTZSCH, &c. &c., *Keeper of the Herbarium of his Majesty the King of Prussia at Berlin.*

ROYAL HERBARIUM, BERLIN,  
September the 10th, 1845.

Dr Jos. D. Hooker is a diligent and very able Naturalist, who, with great sagacity, derived such advantages from the opportunities his extensive travels afforded, as cannot fail to benefit science in the most extended signification of the word. He has, by his muscological publications, but especially by his Botany of Lord Auckland's Group and Campbell's Island, given himself a name that Botany will ever respect.

By nature favoured with all the essentials of a true scholar, able to do honour to his vocation in every possible respect, his most excellent education, and his deep and serious studies, entitle him to the highest claims of excellency, and justify expectations of the greatest consequence for science.

With regard to Botany, the afore-mentioned works testifying of a systematical view of the Vegetable Kingdom, combine also most convincing proofs of his extensive knowledge of the

geography, anatomy, physiology of plants, and, of course, also of the literature of that science.

Dr Hooker may, therefore, reasonably and conscientiously be supposed able to meet, in a distinguished degree, all the claims that can be required of a Teacher of Botany, and a Director of a Botanical Institution.

J. F. KLOTZSCH.

XCI.—From JAMES TOWNSEND MACKAY, Esq., M.R.I.A., *Assistant Botanist, Trinity College, Dublin, and author of the "Flora Hibernica," and various Botanical Papers.*

COLLEGE BOTANIC GARDEN, DUBLIN,  
9th September 1845.

MY DEAR SIR,—As I understand that you are a Candidate for the Chair of Botany at Edinburgh, now vacant by the death of our lamented friend Dr Graham, I have great pleasure in recommending you, as being highly qualified for that important situation.

Your early taste for the science, which you have followed up with much assiduity and success, independently of the great ability displayed in bringing out the splendid work on the plants discovered in the late Antarctic Expedition, now being published, and also the course of Lectures on Botany lately given by you in Edinburgh, of which I have heard the highest encomiums paid by competent judges, I should hope cannot fail to give you the pre-eminence.

I remain, my dear Sir, yours very sincerely,

J. T. MACKAY.

Dr J. D. HOOKER.

XCII.—From COUNT JAUBERT, *Peer of France, &c. &c., &c., a very distinguished Botanist and Traveller.*

GIVRY, V. FOURCHAMBAULT, (NIEVRE).  
10th of September 1845.

MY DEAR SIR,—I would have answered sooner your letter of the 24th August, if it had reached me during a journey that I have just completed. I am no great authority in science; but as I had lately in Paris the good opportunity of making Dr J. Dalton Hooker's acquaintance, and of having with him a few botanical meetings, which enabled me to judge most favourably of his knowledge and sagacity, I am happy to appear as one of the numerous witnesses who wish him good luck as a Candidate for the vacant Chair in Edinburgh. His Antarctic Flora and other writings, worthy of his honoured Father's own works (the highest praise that can be bestowed on them), his most perilous voyages, and his known ability in Botanical Lecturing, are as many claims to his late friend's chair. I hope that these claims will be acknowledged, and I shall sincerely rejoice to hear of it.

Pray, believe me, my dear Sir, your faithful friend and servant,

C<sup>T</sup>E. JAUBERT,  
Pair de France, Rue S. Florentin, No. 2, Paris.

SIR W. J. HOOKER.

XCIIL.—Dr S. L. ENDLICHER, F.L.S., *Professor of Botany in the University, and to the Medical Faculty, of Vienna, and Director of the Royal Botanic Gardens of the Emperor of Austria.*

Josephus Dalton Hooker, M.D., præclaris in itinere Antarcticis inventis optime de re herbaria meritis, doctissimis insuper commentariis talia non vulgaris doctrinæ documenta orbi literario dedit, ut illum inter primarios auctores botanicos ubivis terrarum jam numerari sciam, et cum ingenti scientiæ commo, non modico reipublicæ fructu, et egregia nominis sui et ejusvis Universitatis literarum fama, scientiam botanicam publicè etiam profuturum et docturum censeam.

STEPHANUS LADISLAUS ENDLICHER,  
Med. Doct. Botanices in Universitate et Facultate Medica  
Vindobonensi Professor Cæsar. et Reg. Publ. Ord.  
Horti Academici Præfectus, Academ. Cæsar. Leopold.  
Carol. N. C. Pres. Adj. Soc. Linn. Lond. Acad. Monac.  
Prag. et Sodal. Ordinis reg. Boruss. Merit. Par. Eques.

VINDOBONÆ, IN AEDIBUS HORTI ACADEMICI,  
die 7 Septembris, 1845.

TRANSLATION.

Joseph Dalton Hooker, M.D., having gained the high esteem of Botanists by his great discoveries in the Antarctic Voyage, has, in addition, by his very learned memoirs, given to literature such proofs of no common learning, that I know him to be already classed among the first Botanical authors in the world; and it is my opinion, that his appointment as Professor and Teacher of Botany would be attended with great advantage to science in general, no little profit to Botany, and much credit to himself, and fame to any University.

STEPHANUS LADISLAUS ENDLICHER

XCIV.—From G. A. W. ARNOTT, Esq., LL.D., F.R.S.E.,  
L.S., &c. &c., *Advocate, a most distinguished Botanist, and*  
*author of many Botanical Works, especially upon the Plants*  
*of the East Indies.*

LIBRARY, BY KINROSS,  
20th August 1845.

MY DEAR SIR WILLIAM,

To you, with whom it has been my good fortune, for upwards of twenty years, to labour both in the field and in the cabinet, it is almost unnecessary to repeat what is known to every Naturalist, how indispensable it is, in the present day, for any one desirous of the name of Botanist, to have a good knowledge of the Natural System, and of the affinities of plants; not a mere theoretical knowledge, such as may be acquired from books, but a practical one, which can only be obtained by intense study in large Herbaria, and intercourse with Botanists of eminence; and that without such knowledge, the connection between Botany and Medicine cannot be properly explained to a class. It gives me, therefore, great pleasure to think that, of all the Candidates who have come forward, or are likely to come into the field at present, I know of none who is so well qualified in these respects as your Son, or who, indeed, ought to enter into competition with him for the Botanical Chair in the University of Edinburgh.

When, too, I consider the valuable discoveries made by Dr Hooker during the Antarctic Expedition, the success with which he has analysed and classified many of the hitherto obscure or undescribed genera and species, and the admirable way in which he is now publishing his observations—when, further, I bear in mind the efficient mode in which he gave the course of Lectures last summer for our late friend Dr Graham, and the great advantage the University will derive from his

talents, I hope you will allow me thus voluntarily to express my most sincere hopes, as an old friend, that he may be successful, and, as a Scotchman, that my native country may again have a Professor who is in every sense a true Botanist.

Believe me yours faithfully,

G. A. WALKER ARNOTT.

Sir W. J. HOOKER, Kew.

# TESTIMONIALS

IN FAVOUR OF

JOSEPH DALTON HOOKER, R.N.,

M.D., F.L.S.,

AS

A CANDIDATE

FOR

THE VACANT CHAIR OF BOTANY

IN THE

UNIVERSITY OF EDINBURGH.

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FOURTH SERIES.

[WITH ARRANGED CONTENTS OF THE FOUR SERIES, AND  
LIST OF DR HOOKER'S PUBLICATIONS.]

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EDINBURGH:

PRINTED BY NEILL AND COMPANY.

MDCCCLV.

## TESTIMONIALS.

XCV.—*From the* BARON DE MIRBEL, *Member of the Royal Institute of France, Director of the Royal Gardens of Paris, and Officer of the Legion of Honour.*

MUSEUM D'HISTOIRE NATURELLE,  
JARDIN DU ROI,  
PARIS, 13 7bre 1845.

La Science Botanique vient de perdre, dans la personne de M<sup>r</sup> Graham, un Professeur recommandable. Il est fort à désirer que la place qu'il laisse vacante à la très célèbre Université d'Edimbourg, soit remplie par un sujet qui ne soit pas audessous de son prédécesseur. Mon opinion est, que les travaux de M<sup>r</sup> Hooker fils doivent être pris en grande considération. J'ai eu souvent le plaisir de voir ce jeune homme à Paris. Je me suis longuement entretenu avec lui de la science que nous cultivons l'un et l'autre, et il m'a été facile de voir que les savantes leçons de son père n'ont pas été perdues pour lui, et qu'il soutiendra glorieusement le nom qu'il porte. Si l'on a jugé qu'il étoit capable de suppléer M<sup>r</sup> Graham pendant le cours de sa maladie, il y auroit à mon sens une sorte d'inconséquence à lui chercher un autre héritier. Chez nous, à notre Faculté des Sciences, quand un cas pareil se présente, l'admission du suppléant ne trouve pas un seul opposant, parce qu'on a d'avance acquis la preuve de la capacité du remplaçant.

Voilà mon opinion sur Monsieur Hooker fils. Si j'avois l'honneur d'être au nombre de ses juges ma voix lui seroit acquise.

B. DE MIRBEL,  
De l'Institut Royal de France, Professeur  
Administrateur au Jardin du Roi, Officier de la Légion d'Honneur.

## TRANSLATION.

PARIS, 13th September 1845.

The science of Botany having just lost, in the person of Dr Graham, a valuable Professor, it is greatly to be desired that the place thus rendered vacant should be occupied by an individual not inferior to his predecessor. My own opinion is, that the labours of Dr Hooker should be taken into high consideration. I have had the pleasure of seeing this young gentleman in Paris, and have conversed with him at much length upon the science which we both cultivate; and it has been easy to perceive, that the valuable instructions of his Father have not been lost on him, and that Dr Hooker will do honour to the name he bears. The fact, too, that he has been judged competent to supply Dr Graham's place during the illness of the latter, would seem, in my mind, to cast an imputation of inconsistency on any attempt to find another successor. In this country, when a similar instance has occurred at the Faculty of Science, the appointment of the assistant to the office never met with the slightest opposition, because the abilities of the substitute have been already tested and approved.

Such is my individual opinion respecting Dr Hooker; and if I had the honour to be in the number of his judges, my voice should be in his favour.

THE BARON DE MIRBEL,

Member of the Royal Institute of France,  
 Director of the Royal Garden, and  
 Officer of the Legion of Honour.

XCVI.—From Dr FRED. FISCHER, F.L.S., H.S., &c. &c.,  
*Member of the Imperial Academy of St Petersburg, and  
 Director of the Imperial Botanic Gardens of St Petersburg.*

ST PETERSBURGH, 10th September 1845.

The undersigned, Conseiller d'Etat actuel, Director of the Imperial Botanic Garden at St Petersburg, Knight of the Order of Vladimir 3d Class, feels great pleasure in certifying that Dr Joseph Dalton Hooker, having, from his early youth, well profited by the profound knowledge and great experience of his learned Father, is perfectly qualified, by his important labours during and after the Antarctic Expedition commanded by Captain Ross, to which he was attached in the capacity of Naturalist, to render the most eminent services, not only to his country, but to science in general. The excellent work which he is now publishing, on the Flora of the Austral Hemisphere, is a splendid monument of his talents and learning. He has already won the highest opinions of scientific men, and public esteem, by the Lectures on Botany which he delivered during the severe illness of his deceased friend Dr R. Graham. I know no one better qualified than Dr J. D. Hooker to supply the place of that regretted gentleman, to the advantage and satisfaction of all those who may be under his tuition.

DR FRED. E. L. FISCHER.

XCVII.—From Sir ROBERT H. SCHOMBURGK, Kt., F.R.S., G.S.,  
*the distinguished Traveller and Botanist.*

NEW KINGSTON, SURREY,  
 24th September 1845.

MY DEAR SIR WILLIAM,—It affords me great pleasure

that an opportunity is offered to me of expressing, in the strongest terms, the high opinion which I entertain of the scientific abilities and attainments of your son, Dr Joseph Dalton Hooker.

I feel the more authorised to use superlative terms, as my judgment is corroborated by our continental botanists. As I possess Dr Hooker's personal friendship, his amiable character and disposition might perhaps be considered to have influenced me in giving this opinion, were his name, as a scientific botanist, not sufficiently established by his publications; but, during my last sojourn on the continent, men like Humboldt and Link, the two veterans of botany on the continent, as well as Brongniart and Decaisne in Paris, Kunth and Klotzsch in Berlin, Schwagrighen and Kunze in Leipsic, Reichenbach in Dresden, expressed themselves alike in his favour, without possessing the advantage of his personal acquaintance, and rested their expressions merely upon the importance of the services which he had rendered to the science.

You recollect, perhaps, that Dr Hooker was to join me last February in Germany, and I can assure you that the botanists whom I have just mentioned looked forward with the greatest pleasure to making your son's personal acquaintance. The melancholy circumstance of Dr Graham's serious indisposition recalled him to England, while on the point of departing from Paris to join me in Berlin; and I considered it an additional proof of his excellent character, that he relinquished the pleasure which the journey to Germany would have given them, and to which, as I know, he had looked forward with great expectations, and hastened to Edinburgh, in order to give that assistance to his friend, Dr Graham, which he desired.

Botany has suffered a severe loss in Dr Graham; but I am sure I do not overrate Dr Hooker's capabilities, if I express my opinion that he will replace our departed friend. He has fully attested his devotion to the science by his Antarctic Voyage; and the beautiful work, of which he has just completed the first

volume, is a proof of his abilities and erudition. I am sure, should Dr Hooker be elected to fill the Chair of Botany in the University of Edinburgh, such a step would give the greatest pleasure to all scientific men interested in Botany on the continent, and chiefly to one whom I am proud to call my kind friend and patron, Baron de Humboldt. No person knows better than I how highly he esteems your Son.

Believe me, with great esteem, and with every wish for Dr Hooker's success, yours faithfully,

ROBERT H. SCHOMBURGK.

SIR WM. HOOKER.

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XCVIII.—From Dr A. K. YOUNG of Glasgow.

GLASGOW, Sept. 27. 1845.

MY DEAR SIR,—In common with many of your friends here, I feel deeply interested in the results of your application for the vacant Botanical Chair in the University of Edinburgh, and feel convinced, that if testimonials of your fitness for that honourable and responsible situation are to have any influence with the Electors, the result cannot be doubtful. On looking over the names of those who certify to your qualifications for the Professorship, I find a perfect galaxy of scientific men, the very aristocracy of natural history in Europe, men whose talents and discoveries have made natural history, and botany in particular, what it now is, among the sciences. The eyes of scientific Europe are at present directed towards the Town-Council of Edinburgh, and all "expect that every man will do his duty."

Most cordially do I, your old friend, certify to your qualifications for the Professorship. I have known you intimately from your earliest years:—your literary education was complete, conducted by the best masters, and under the watchful eyes of the



most accomplished parents. Your natural taste for the fine arts, and the proficiency you attained in delineating the objects of nature, speaks for itself; and your medical studies have been crowned by the highest medical honours. In due course the natural sciences, and, as was to be expected, Botany in particular, attracted and engrossed your early partiality, and latterly your almost exclusive attention, until, by your well-earned fame, as a naturalist, you were called upon by Government to assume the highly responsible duties of Botanist to the Antarctic Expedition under the command of Sir James Ross.

I have it on the testimony of some of your most distinguished brother officers, that during all the perils and fatigues of that long protracted and harassing expedition, you were most indefatigable in the prosecution of your favourite sciences, collecting, drawing, and describing the natural objects which came under your notice, and thus enriching natural history with a vast variety of new and interesting subjects, both in the animal and vegetable kingdoms.

The fruits of these arduous labours you are now giving to the world, under the auspices of Government; and that national work, so far as is published, is regarded by those best able to judge, as a model of accuracy in description, and also of artistic fidelity and beauty, and has called forth the warmest eulogy from all the leading naturalists of Europe.

Conscientiously, therefore, do I believe, that should you be the successful Candidate, you will prove a Professor worthy of the Botanical Chair of Edinburgh, and a meet successor to your late friend Dr Graham. That distinguished Botanist has shewn in the strongest possible manner his desire, that you should be his successor; and I have no doubt, that such a recommendation from him will have its own weight with the electors. Several of the students who attended your lectures for Dr Graham, have expressed to me how much they were instructed and delighted, both by the matter and manner of your lectures; and

knowing, as I do, your partiality for both the physiological and medical, as well as for the more systematic department of the science, I feel convinced, that to the medical students in particular, you must prove a most valuable teacher, while, by your youth, activity, and enthusiasm, you will inspire them with a portion of that zeal so necessary towards proficiency in this branch of natural history. Wishing you that success to which your merits entitle you,

Believe me, faithfully yours,

A. K. YOUNG.

Dr J. D. HOOKER.

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XCIx.—*Extract of a Letter from SIR JAMES C. ROSS, addressed to SIR JOHN HERSCHEL, and printed with the permission of the latter.*

ACTON HOUSE, AYLESBURY,  
13th September 1845.

MY DEAR SIR JOHN,

Dr Hooker was with me in the double capacity of Assistant-Surgeon and Botanist, and I cannot tell you how greatly I admired the devotedness and ability with which he pursued his botanical researches. By unceasing diligence he formed a splendid collection of many thousand plants, and added several hundred new genera and species to the Southern Catalogue. Drawings and dissections of 500 of the more interesting of these, hitherto unknown to Botanists, will be contained in his Flora Antarctica, now in progress of publication, towards the expense of which the Government has given L.1000; and, judging from the numbers that have already appeared (completing the first quarto volume, with eighty most beautifully executed plates), I have no doubt it will be esteemed one of the most important and able Botanical productions that has ever been published.

Indeed, I think he could not possibly point to a more suitable testimony of his fitness for the Chair he aspires to fill, than a work which is not only creditable to its author, but also to the country.

I most sincerely hope he may succeed, as I believe him to be every way worthy of it, and I have no doubt that any assistance you can give will have great weight, and be most useful.

I hope Lady Herschel and your family are well; pray offer her my kind regards; and believe me,

Yours very sincerely,

JAS. C. ROSS.

C.—From Sir JOHN F. W. HERSCHEL, Bart.

COLLINGWOOD, Sept. 19. 1845.

MY DEAR SIR WILLIAM,

I know your Son Dr Hooker only by reputation (having never, I believe, had the pleasure of being in his company, or only in mixed society), but that reputation is a very high one. Though no Botanist or Zoologist myself, I know enough of eminent men in both departments, to be aware of the rank he holds, especially in the former science; and his *Flora Antarctica*, now in course of publication, appears, by those best competent to judge, to be regarded as a contribution to science of the very highest merit. Sir James Ross, I know, from direct communication, to have been deeply impressed with his zeal and devotion to his science, and his general conduct in that remarkable Expedition, in which (as you rightly conclude) I took a very warm interest. I regard all the officers who adventured themselves in it as having deserved well of their country, and shall be delighted to hear of Dr Hooker's success in respect to the Botanical Chair at Edinburgh. He has a *double reputation* to sustain; and this is a consideration which, I trust, ought to

weigh with those in whom the appointment rests—and I doubt not will do so.

If you consider this expression of my good wishes in his favour likely to be of the smallest utility, you are quite at liberty to use it in any manner you see fitting.

Believe me, my dear Sir William, yours very truly,

J. F. W. HERSCHEL.

CI.—From Dr C. BLUME, Professor of Botany in the University of Leyden; Keeper of the Royal Herbarium, &c. &c. &c.

L. S.

Josephus D. Hooker, vir doctissimus, libris a se editis magnam doctrinæ præstantiam ac præsertim haud vulgarem rei botanicæ scientiam mihi probaverat, ut facile eum eruditissimis nostræ ætatis botanicis annumerarem. Ex quo vero, hoc anno ineunte, Academiam Lugduno-Batavam invisit, mihique ejus consuetudine uti licuit, plane singularem optimi viri eruditionem atque eximium studii ardorem præsens cognovi. Quod si ei in aliqua ex Academiis, quibus Regnum Unitum Magnæ Britanniae floret, vel quocunque alio loco, cathedra deferritur Rei Botanicae, hanc eum cum ingenti cujusvis Academiæ splendore et summa scientiæ amabilis utilitate ornaturum esse equidem affirmare nullus dubito. Dabam in Museo Regio Botanico Lugduni-Batavorum, ipsis Idibus Septembris MDCCCXLV.

DR C. L. BLUME,

Eques Ordinis Leonis Belgici, in Academia Lugdunensi Professor Ordinarius, Herbarii Regii Nederl. Director, &c.

## TRANSLATION.

GENTLEMEN,—Dr J. D. Hooker, a gentleman of great attainments, has, by the books he has published, shewn such a degree of intellectual cultivation, and particularly such an uncommon knowledge of Botany, as to make me consider him worthy of being ranked among the most profound Botanists of the present age; and from the time of his visit to the University of Leyden, in the commencement of this year, when I enjoyed the honour of his acquaintance, I am enabled to speak, from my own personal knowledge, to the profound research of this individual, and the wonderful zeal with which he is animated in the pursuit of the science.

Should Dr Hooker be elected to the Professorship of Botany in any of the Universities of the United Kingdom of Great Britain, or elsewhere, I feel no hesitation in saying, that he will fill the post most worthily, conferring lustre on whatever university may be so fortunate as to gain his services. Written in the Royal Museum of Leyden, Sept. 17. 1845.

DR C. L. BLUME,

Knight of the Order of the Belgian Lion,  
Professor in the University of Leyden,  
Keeper of the Royal Herbarium, &c.

## CII.—From Professor EHRENBURG of Berlin.

Herr Jos. D. Hooker ist, durch seine so erfolgreiche Reise mit Capitain Ross, in die Reihe de Repräsentanten der botanischen Wissenschaft unser Zeit getreten, und sein bereits erfolgten vielfachen Mittheilungen zeigen nicht nur einen ersten Fleiss auf seinen Reisen, sondern auch, so weit ich sie kenne, eine strenge Gewissenhaftigkeit in der wissenschaftlichen Behandlung, und haben bereits besonders die geographische Botanik bedeutend erweitert.

Herr Hooker hat überdiess zuerst die ersehnte wissenschaftliche umsichtige Beachtung des kleinsten Lebens am Sud Pol auf eine Weise vermittelt wie sie bedeutend fruchtbar geworden ist, und wie sie nun durch eine besonders geistvolle Auffassung selbst einfach erscheinenden Verhältnisse hervortreten könnte.

Die grosse von den berühmten Vater auf den Sohn vererbte Vorliebe, welche Herr Hooker für Botanik hat, und seine sichtlich und nothwendig erworbenen praktischen Special Kenntnisse sowohl in der systematischen als der geographischen Botanik, durchdrungen von den Eindrücken eigener Anschauung der grossen natürlichen Entwicklungen und Verbreitungsverhältnisse der lebende Vegetation über die ganze Erde machen denselben ganz besonders geeignet zu einen Lehrer für diese Wissenschaft an einer Hochschule, welche bestimmt ist, nicht aus trocknen Herbaria und Gewächshäusern, sondern aus den unverkümmernten lebensfrischen Natur die Ansichten und Gesetze lebendig in die aufstrebende Jugend zu verbreiten.

EHRENBURG.

BERLIN, den 23 Sept. 1845.

## TRANSLATION.

Dr Jos. Hooker, by his very important and successful voyage with Captain Ross, has raised himself to the rank of the most distinguished Botanists of our times; and the various communications with which he has already favoured us, display not only the steadiest industry during his travels, but also, as far as I am able to judge, a rigid care in scientific pursuits, which has already materially extended the boundaries of geographical Botany.

Dr Hooker has likewise conducted a very important scientific examination of the most minute objects of vegetable life in the Southern Hemisphere, and in the South Polar regions, in such a manner as to be highly useful, so that through his most skilful elucidation of the subject, the results may now be placed before the public in the simplest form.

Dr Hooker has inherited from his celebrated father a great love for Botany, and has evidently himself acquired a practical knowledge both of systematic and geographical Botany. His mind is also amply stored with impressions derived from his own personal observations upon the great natural system of development, and upon the extension of vegetable life throughout the globe. He is thus peculiarly qualified to become an instructor in this science in a University, where it must be desirable to teach rising and intellectual young men from the knowledge he has thus acquired of the richness of Nature, rather than from the more usual resources of herbariums and gardens.

EHRENBERG.

BERLIN, 23d Sept. 1845.

CIII.—From Sir WILLIAM JACKSON HOOKER, *Director of the Royal Botanic Gardens of Kew (late Regius Professor of Botany in the University of Glasgow)*.

TO THE LORD PROVOST AND TOWN-COUNCIL OF EDINBURGH.

MY LORD AND GENTLEMEN,

I should be wanting, both in duty and parental affection, did I not venture to offer some certificate of merit on the occasion of my son, Dr Hooker, presenting himself as a Candidate for the Chair of Botany in your University, vacant by the decease of my lamented friend, Dr Graham. I am conscious, indeed, that such a testimony must be looked upon as influenced, in some measure, by partiality. What I say, however, shall be brief, and consist almost wholly of an extract from a letter to Her Majesty's Secretary of State for the Home Department, written chiefly in connection with the presentation to the Royal Botanic Garden.—“ It would ill become me to say all I could desire in Dr Hooker's favour. But I may be permitted to state, that, during the twenty years I was Professor of Botany in the University of Glasgow, he was constantly under my eye, and from early infancy shewed a remarkable predilection for the Natural Sciences, and for Botanical pursuits in particular, which grew with his growth, and displayed itself in his continued and voluntary attendance for several successive years at the Botanical lectures, and in the interest he evinced in facilitating the progress of the students, both in the class-room and during our excursions to the Highlands; so that he was highly esteemed, and his society much sought by the diligent students. And still more was my son's love of the science displayed, when, immediately after taking his M.D. degree, he entered the Royal Navy, with the express object of accompanying Captain Sir James C. Ross as Botanist on the recent Antarctic Expedition. During that remarkable voyage, which was protracted through a

period of four and a half years, so extensive was his collection of plants, and so valuable his notes and observations, that, at the suggestion of the Lords of the Admiralty, Her Majesty's Government gave him instructions to publish the results of his discoveries, and a grant of L.1000 was issued from the Treasury to be expended *solely* on the plates of the said work. This book is now in progress, and the scientific Journals have awarded to it the highest praise, both for the matter and execution. It will constitute seven 4to volumes, with 500 coloured plates.

"Although of minor consideration, I may be allowed on the present occasion to state, that having been myself a Professor of Botany for the above-mentioned period, the whole of the most extensive suit of engravings, privately prepared, of specimens, bearing upon the lectures, together with an unrivalled collection of coloured botanical drawings on an atlas folio size, partly prepared by myself, and partly the work of the first botanical artist of the day, will be placed at Dr Hooker's disposal, and cannot fail to be highly useful to the class."

I have the honour to be, my Lord and Gentlemen, your very obedient and humble servant,

WM. JACKSON HOOKER.

ROYAL GARDENS, KEW,  
15th Sept. 1845.

CIV.

LIST OF DR HOOKER'S BOTANICAL PUBLICATIONS.

1. "On the Mosses of the Himalayah Mountains," included in a paper upon the Mosses of India, published by the Hon. W. H. Harvey, in "Hooker's Journal of Botany."
2. The commencement of "A Flora of Van Diemen's Land." Published in the same Journal with the former.
3. Descriptions of various new, rare, or otherwise interesting Plants, figured in Hooker's "Icones Plantarum."
4. On a Fossil Tree discovered in M'Quarrie's Plains, Van Diemen's Land. Published in the "Tasmanian Journal of Science."
5. On the Tussac Grass of the Falkland Islands. In the London Journal of Botany.
6. On the Huon Pine of Van Diemen's Land, with a Sketch of the Coniferous Vegetation of the Southern Hemisphere: further containing a list of all the Genera and Species, with descriptions of those that are new, and remarks upon their Geographical Distribution, value in the Arts, &c. &c. &c. Published in the London Journal of Botany.
7. Sketches of the Botany of various countries visited by Dr Hooker, and published in the London Journal of Botany:—1. Madeira; 2. Teneriffe; 3. The Cape de Verde Islands; 4. Trinidad Island (on the coast of Brazil); 5. St Helena; 6. The Cape of Good Hope; 7. Kerguelen's Land; 8. Van Diemen's Land; 9. Lord Auckland's Group and Campbell's Island; 10. Port Jackson and Botany Bay; 11. New Zealand; 12. The Falkland Islands; 13. Cape Horn and Tierra del Fuego; 14. Palmer's Land; 15. Ascension; 16. Rio de Janeiro.
8. On the Geographical Distribution of the Plants brought from the Galapago Islands by C. Darwin, Esq., and other voyagers. Published in Mr Darwin's Journal. *Vide* Murray's Home and Colonial Library.
9. A Flora of the Galapago's Archipelago, read before the Linnean Society of London, containing descriptions of New Genera and many new Species of Plants.
10. On the New Mosses discovered during the progress of the Antarctic Expedition. By J. D. Hooker, and W. Wilson, Esq. of Warrington.

11. On the Hepaticæ collected in the previous voyage. In three papers. By J. D. Hooker, and Dr T. Taylor of Dunkerron.

12. On the new Algae of the same voyage. By J. D. Hooker, and Dr W. H. Harvey of Dublin.

13. On the Lichens of the same voyage. By J. D. Hooker, and Dr T. Taylor. These four Articles published in the London Journal of Botany.

14. The Flora Antarctica. Published under the auspices of Government, who granted L.1000 to be spent solely on the 500 illustrations of a work to be devoted to the Botany of the Antarctic Voyage. One volume is published, complete in itself, and five more, concluding the undertaking, will comprehend complete Floras of the Antarctic Regions, of New Zealand, and of Van Diemen's Land.

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