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About the Institute

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

Alger, le 15 décembre 1952

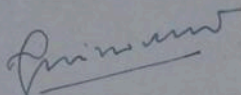
Mon cher Collègue,

En vue de la préparation du VIIIème Congrès International de Botanique, qui, ainsi que vous le savez, doit se tenir en 1954 à Paris, je vous serais infiniment reconnaissant de bien vouloir me faire savoir s'il vous serait agréable de faire un exposé, lors de ce Congrès, devant la 8° Section (génétique des végétaux et taxonomie expérimentale) dans le cadre du sujet général suivant, que l'on désire-rait mettre en discussion :

" Incidences des résultats actuels de la Génétique et de la Taxonomie expérimentale sur la définition des unités systématiques ".

Dans l'affirmative, j'attacherais du prix à recevoir assez rapidement une réponse de principe, accompagnée du titre de l'exposé que vous désireriez faire.

Avec mes remerciements, je vous prie, mon cher Collègue, de bien vouloir recevoir l'expression de mes meilleurs sentiments,



M. GUINOCHET
Professeur de Botanique
Générale et Appliquée
Faculté des Sciences

TRANSLATION

Dear Sir,

In order to organize the VIIIth International Botanical Congress which, as you know, is to be held in Paris in 1954, I should take it very kindly if you would let me know whether you would like to read a paper to the 8th Section of the Congress (genetics of plants and experimental taxonomy) within the scope of the general subject upon which it is desirable to open a debate.

" Consequences of the results so far reached by genetics and experimental taxonomy upon the definition of systematic units ".

In the affirmative, I should appreciate to know promptly of your agreement and to be informed of the title of the paper you contemplate to read.

With thanks,
Sincerely yours,

M. GUINCHET
Professeur de Botanique
Générale et Appliquée
Faculté des Sciences

Berkeley 4, California
January 27, 1953

Professor M. Guinochet
Laboratoire de Botanique
University of Algiers
Algiers, Tunisia
Dear Professor Guinochet:

Thank you very much for your invitation to present a paper in the Section on Plant Genetics and Experimental Taxonomy of the 8th International Botanical Congress to be held in Paris in 1954.

It is impossible for me to be certain that I shall be able to attend the Congress but I would hope to do so. Therefore, I will be willing to agree to present the paper with the title you suggest with the understanding that I may, at a later date, withdraw.

Who has been appointed the President of the Section and who the Vice Presidents?

Sincerely,

THG:T

UNIVERSITÉ D'ALGER

Alger le 26 Février 1953

LABORATOIRE DE BOTANIQUE

GÉNÉRALE ET APPLIQUÉE

TELEPHONE : 331-08

M. GUINOCHET

Professeur de Botanique Générale et Appliquée
Faculté des Sciences

à

Prof. Dr. J.H. ~~G~~OODSPEED
Professor of Botany
University of California
BERKELEY 4, California, U.S.A.

Mon cher Collègue,

Je vous remercie vivement de votre aimable réponse du 27 Janvier à ma lettre du 15 Décembre 1952. Le titre indiqué dans ma lettre est un titre général pour une discussion sur ce sujet. Je m'étais donc permis de vous demander s'il vous serait possible d'envisager de présenter un exposé, se rapportant à ce sujet général; d'autres exposés, se situant dans le même cadre, seront faits par d'autres collègues et, ensuite, une discussion pourra être engagée. J'espère, d'après ce que vous m'écrivez, qu'il vous sera possible de participer à ce colloque.

Pour répondre à votre question, jusqu'à présent, nous en sommes à la période d'organisation générale et les Présidents et vice-présidents des Sections n'ont pas encore été désignés.

Je vous prie, mon cher Collègue, de bien vouloir recevoir l'expression de mes sentiments les meilleurs,

Guinouchet

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CLARENCE H. MACKAY, President

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BERKELEY JUNE 26 1948

192

To

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 CALLE MOORE ~~NO 51~~ NO 51 DASH 61
 MEDELLIN COLOMBIA

ADMITTED GRADUATE STATUS PROVIDED PASSES ENGLISH EXAMINATION

THOMAS B STEEL
 REGISTRAR
 UNIVERSITY CALIFORNIA

SLR:nd (Admissions Office)

cc: Graduate Division

✓ cc: Prof. Goodspeed, Dept. Botany

The sender will please read the conditions on back and sign name and address thereon for reference.

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Berkeley 4, California
August 27, 1952

Dr. Gabriel Gutierrez
Facultad de Agronomia
Medellin, Colombia

Dear Friend:

This will introduce to you Dr. and Mrs. James A. Jenkins. He is Associate Professor of Genetics in our College of Agriculture and Associate Geneticist of our Agriculture Experiment Station.

Under a Fellowship of the Guggenheim Foundation Dr. Jenkins will spend some time in Colombia, Ecuador and Peru, to study and collect native species of tomatoes. I do not know during just what period he will be in Medellin but I am sure that you will enjoy meeting him and his wife.

Any cooperation which you are able to give to Dr. Jenkins will be much appreciated. Please give my greetings to all my friends in the Facultad de Agronomia.

With best wishes

Cordially,

THG:T

2079 Life Sciences Building
University of California
Berkeley 4, California
April 26, 1956

Mr. Walter Haas
98 Battery Street
San Francisco, California

My dear Mr. Haas:

2000 Mr. Marshall P. Madison tells me that you have communicated to him your willingness to contribute ~~\$1400~~ toward a fund to be used in continuation of my botanical studies in South America. My proposal was outlined in a letter to him of March 9th, of which I understand that you received a copy.

Through Mr. Madison's kind cooperation there have been three contributions totalling \$5,400. His contribution is contingent upon my securing the balance of the estimated budget of the expedition, \$14,000. He suggests that your contribution may be subject to the same condition.

I will endeavor to secure the balance required and the assurance that over one-third of the budget has been pledged should be of considerable assistance in enlisting the interest of others in our proposal.

It is doubtful whether the necessary funds can be secured in time to take advantage of this year's collecting season in South America. I trust that this modification of my original proposal will be acceptable to you.

I appreciate very much indeed your generosity in supporting my work in South America. It has paid valuable scientific dividends in the past and I believe that the proposal to continue our South American studies will be equally successful.

With kind regards and best wishes,

Sincerely,

THG:T

LEVI STRAUSS REALTY CO.
98 BATTERY STREET
SAN FRANCISCO 6, CALIF.

May 9, 1956

Professor T. H. Goodspeed
Director, Botanical Garden
Expeditions to the Andes
2079 Life Sciences Bldg.
University of California
Berkeley 4, California

Dear Professor Goodspeed:

Whilst I was East a copy of Mr. Madison's letter of April 19 and your letter to me of April 26 arrived at my office, being held for my return.

I merely wish to confirm Mr. Madison's interpretation of my proposed contribution which was, of course, based on your receiving the full sum required. I am accepting your modification, in which you indicate that it is doubtful whether or not you can secure the funds to take advantage of this year's collecting season in South America. On the other hand, I would not like to have my part of this offer remain open beyond a reasonable period, and as I am sending a copy of this letter to Mr. Madison I will await suggestions from either of you so that our records can be marked accordingly.

Sincerely yours,



Walter A. Haas

WAH:n

CC: Mr. Marshall Madison

2079 Life Sciences Building
University of California
Berkeley 4, California
January 10, 1957

Mr. Walter A. Haas
Levi Strauss Realty Co.
98 Battery Street
San Francisco 6, California

Dear Mr. Haas:

In your letter to me of May 9, 1956 referring to your correspondence with Mr. Marshall P. Madison concerning support of my projected botanical expedition in South America you note that your proposed contribution of \$2,000 will be contingent upon completion of the estimated expedition budget of \$11,000.

I am happy to say that grants for my use in South America from the John Simon Guggenheim Memorial Foundation and from the Chicago Natural History Museum added to the contingent gifts of yourself and other of Mr. Madison's friends, assure the successful financing of the expedition. Invitations to me from South American governments which include transportation and maintenance for varying periods of time bring the total available to more than the estimated budget total.

Although the expedition will not leave here until late summer it would be a convenience to have the donations of (yourself and others) paid on or before April 1 in order to secure transportation reservations and special items of collecting equipment.

When you wish to make ^{the} (your) donation, I would appreciate your sending it to me so that I may complete a "gifts" form which must accompany the report of a gift to the Regents of the University. Your check should be made in favor of the Regents and the covering letter to them should note that your gift is to be credited to the South American Expedition Fund to be used to continue my South American botanical exploration.

With many thanks for your interest and cooperation and with best wishes for the New Year,

Sincerely,

THG:T

*2000 from
The Madison Fund*

LEVI STRAUSS REALTY CO.
98 BATTERY STREET
SAN FRANCISCO 6, CALIF.

January 14, 1957

Professor T. H. Goodspeed
2079 Life Sciences Building
University of California
Berkeley 4, California

Dear Professor:

I have your letter of January 10 advising me that you have completed your estimated budget in connection with the Botanical Expedition in which Mr. Marshall Madison enlisted our support. Therefore, in order to carry out our commitment, I am enclosing check for \$2,000.00 made out to the Regents of the University of California, for your transmittal to them.

Also enclosed is a receipt in duplicate. Please have the original executed and returned to us, the copy to be retained for the University files.

Withing you success in your South American Expedition, I am

Sincerely yours,



Walter A. Haas, Trustee
Estate of Lucie Stern, Deceased

WAH:n

Encls.: Check
Receipt

2079 Life Sciences Building
University of California
Berkeley 4, California
January 17, 1957

Mr. Walter Haas
Levi Strauss Realty Co.
98 Battery Street
San Francisco 6, California

Dear Mr. Haas:

Please accept my sincere thanks for your letter enclosing check in favor of the Regents of this University in amount of \$2000 and receipts for same, the original to be executed by them and returned to you.

Your generosity in supporting continuation of my South American botanical research is very much appreciated. I shall take pleasure in giving you progress reports of accomplishments and hope that their scientific and other values will justify the confidence in my research objectives which your support indicates.

With, again, many thanks and with best wishes,

Sincerely,

THG:T

*c To Regents dated 22nd
sent with gift form
& letter from Haas dated 20th*

2079 Life Sciences Building
University of California
Berkeley 4, California
January 18, 1957

Mr. Walter Haas
Levi Strauss Realty Co.
98 Battery Street
San Francisco 6, California

Dear Mr. Haas:

The formal transmission of a gift to the Regents of the University requires a brief covering letter, addressed to them, indicating the purpose for which the gift has been made -- in this case "to permit continuation of the South American botanical research of T. H. Goodspeed."

Would you be good enough to send me such a letter. I will then forward it together with your check, the formal receipt you enclosed in your letter, and the required form for reporting a gift, through President Sproul to the Regents from whom you will receive acknowledgment of your generous gift and the original receipt executed.

With renewed expression of my appreciation and with best wishes,

Sincerely,

THG:T

LEVI STRAUSS REALTY CO.

98 BATTERY STREET

SAN FRANCISCO 6, CALIF.

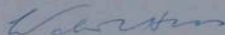
January 21, 1957

Professor T. H. Goodspeed
2079 Life Sciences Building
University of California
Berkeley 4, California

Dear Professor:

I have your letter of January 18 and have prepared the enclosed letter which I hope is in proper form so that you can transmit it with the check and the formal receipt to The Regents to cover the grant made for your Expedition.

Sincerely yours,



Walter A. Haas, Trustee
Estate of Lucie Stern, Deceased

WAH:n

Encl.

2089 Life Sciences Bldg.
University of California
Berkeley 4, California
September 27, 1957

Mr. Walter A. Haas
Levi Strauss Realty Co.
98 Battery Street
San Francisco 6, California

Dear Mr Haas:

The South American botanical Expedition which you have generously supported has been under way in Peru for some two months.

Paul C. Hutchison, Senior Botanical Garden Botanist, who has been assigned by the University to assist me in South America, with a collecting assistant-photographer, arrived in Lima late in July. Through the courtesy of the Grace Line, a 1-ton, 1957 Ford truck, purchased with Expedition funds, was carried gratis to Callao. It was especially equipped for high altitude transportation and plant collecting. Hutchison reports considerable success on a collecting trip in it over the Peruvian Andes into the Amazonian rain-forest where valuable collections of living orchids and a variety of dried plant specimens were obtained. He is now in areas in northern Peru previously unknown botanically.

I am leaving for Peru on September 29th to remain until late November. Thereafter I shall spend two months in Chile. Mr. Walter J. Eyerdam of Seattle, an experienced plant collector who was with me in South America on a previous Expedition, will assist me in Chile and, later, in Argentina.

Mr. Hutchison will return from Peru about January 1st. I will remain in South America for some months longer. From time to time I shall take pleasure in reporting to you the progress of our South American botanical research.

With thanks again for your support and with best wishes,

Sincerely,

THG:T

2079 Life Sciences Bldg.
University of California
Berkeley 4th California
January 6, 1956

Dr. O. Hagerup
Botanical Garden
Copenhagen, Denmark

Dear Friend:

I remember with the greatest pleasure all your kindness to me in Copenhagen last summer. After a delightful tour through Denmark we returned to Copenhagen and flew to Trondheim where I attended the International Seaweed Symposium. After a tour of the fjords we spent a week in Stockholm where I saw some of my old friends.

From Sweden we flew to The Hague for the 14th International Horticultural Congress, then to England for three weeks and finally to Paris for the International Scientific Tobacco Congress. We returned for the opening of the University early in September.

I shallfully retire from my work here June 30, 1957, and have in mind the possibility of applying for a Fulbright Fellowship to carry on research in Europe. This would be in the fall of 1957 or the spring of 1958 or, if required, (if) an 8 months period during 1957-58.

My present desire is to have a place in your laboratory if that would be possible. I would need very little equipment beyond a microscope and would bring with me all the preparations I would study. They will concern the cytology of spomixis in Nicotiana and of a "chromosomal chimera" in N. tomentos. I would also wish to be in touch with research at the Carlsberg laboratories -- in this connection I was told in England that Winge is seriously ill. I hope that this was not a correct report.

I am writing you about the above somewhat in advance but, as you know, it is necessary to make applications for Fulbright awards approximately a year before one plans to leave. It would certainly be very interesting for me to be with you and I might be able to make some contributions, through lectures, etc. to your students.

You will be glad to know that I have been elected a Foreign Member of the Swedish Royal Academy of Sciences.

With thanks, again, for your kind attention and with all good wishes for 1956,
Cordially,

29/1 1956

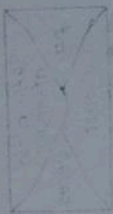
Dear friend!

Many thanks for your lovely letter of 4/56.
I'll be very glad to see you again hoping to
see you also in my private home. Here so
I only have a museum but no laboratory.
So I telephoned to Prof. Winge, he is not ill,
but he has to return from his lab. at
June 1956. But he keeps his experimental
farm. I have a friend, Prof. C. R. Jørgensen
who is very intelligent and is prof. in Gene-
tics and cytology by an agricult. College,
Rolighedsvej 23, Copenhagen.

He said, that you should only write to
him for the exact circumstances and he
would find a microscope and a working
place for you. He is as clever as Winge,
and you could find no better circumstances
for your work in Denmark.

Cordially regards!

Yours
O. Hagberg



Berkeley 4, California
February 9, 1956

Dr. O. Hagerup
Universitetets Museum
Gothersgade 130
Copenhagen, Denmark

Dear Friend:

Very many thanks for your kind letter of January 28th.

I am relieved to know that Winge has only retired and is still in good health.

I appreciate your suggestion that in Professor Jorgensen's laboratory I might find a place to carry on research should it be possible for me to come to Europe in 1957-58 or perhaps the following year. I know, of course, of Jorgensen's excellent work and had hoped to see him and his cultures when we were in Copenhagen last summer.

As I wrote you I have not as yet made a request for a Fulbright Fellowship because my plans following retirement in June of next year are uncertain. When I know more of what I shall do I will write to Jorgensen well in advance. Meanwhile please give him my best wishes.

I hope that all goes well with you.

With kindest regards,

Cordially,

THG:T

MRS. GEORGE E. HALE
HOTEL HUNTINGTON
PASADENA 15, CALIFORNIA

My dear Harpers:- I am
worried about your mother.
Is she ill? I have not
heard from her in a
very long time. I wrote

her in March telling her of
my eighteenth birthday celebration
and then again to tell her
of the ceremonies on Mt.
Palomar when they paid
such great honors to my
husband. No replies have
come from either letter.

She urged me to come
and stay with her, but
I told her how impossible
that was - for many
reasons.

Please let me hear from
you and put my mind
at ease if possible.

Love to Florence

Sincerely

Erлина C. Hale

July 15, 1948.

Mrs. George E. Hale,
Hotel Huntington,
Pasadena 15, California.

Dear Mrs. Hale,

Florence and I were happy to hear from you and send our congratulations, much belated, on the eightieth birthday.

Mother, on the whole, is in remarkably good condition. She will be 87 in November. I cannot understand why you have not heard from her except that she has been much disturbed for many months about the condition of her brother, John Mills, who, as you probably know, spent most of the last two or three years at the California Institute of Technology in Pasadena. He was here at Christmas time and was in very bad condition. Finally his daughter from Washington came out and took him back to the East where he died a month ago. For a long time Mother wrote to him almost every day and this perhaps explains why her other correspondence was neglected.

I remember her disappointment that you could not come to Berkeley for a visit and her deep appreciation of the honor of receiving an invitation to the ceremonies on Mount Palomar. I cannot understand why she did not acknowledge the latter and I am sure that she would be quite overcome to realize that she did not do so. I will find a way to see to it that you hear from her soon. Both of us bear in happy remembrance all that you and your wonderful husband did for us in the days of doubt and uncertainty following my father's death.

Florence and I join in affectionate greetings.

Cordially yours,

THG/EN

April 11, 1956

MEMORANDUM TO: Professor Thomas H. Goodspeed, Director
Botanical Garden
Berkeley Campus

Re: Rattlesnake Protection, Botanical Gardens --
Berkeley Campus

Dear Professor Goodspeed:

Enclosed herewith is a copy of my notes on our recent
telephone conversation, as a memo for your use.

T. E. Haley

T. E. Haley
University Safety and
Disaster Preparedness Coordinator

TEH:dm
Encl

6 to date

2 trapped & died

2 put into milk & died

2 caught & killed in fence

4/17/56 Called re
(1) inspect traps
(2) sign at gate

April 10,
1956

Re: Rattlesnake Protection, Botanical
Gardens -- Berkeley Campus

Professor Thomas H. Goodspeed, Director of the Botanical Garden telephoned this date. He stated that as some twelve rattlesnakes were killed in the garden during the last year, he wished to try trapping them this season, using a formula of milk and poison. He expressed concern about the possibility that visitors, especially children, might come in contact with the poison.

I suggested that the dish holding the mixture be placed inside of a suitable protective wire mesh enclosure; that this be fastened to a wooden base which, in turn, should be fastened down -- possibly by stakes. I also recommended that each of these devices be posted with an appropriate warning sign to the general effect "Poison Trap. Do Not Touch!"

I suggested that Professor Goodspeed consult with Dr. Donald regarding the handling of snake bite cases, the use of snakebite kits and transportation. I also suggested that after conferring with Dr. Donald, he issue a short memorandum detailing the procedure to be followed should anyone be bitten.

Professor Goodspeed concurred in the foregoing recommendations and said that he would be guided accordingly.

June 13, 1956

*of letter to Kerr
for answer*

MEMORANDUM TO: Professor Thomas H. Goodspeed

Re: Rattlesnakes, Botanical Gardens --
Berkeley Campus

Dear Professor Goodspeed:

This will confirm our conversation of today and is furnished at your request.

It is noted that you are using poison-baited traps against rattlesnakes in the Botanical Gardens. This office can offer no suggestion as to a better means. The traps apparently are working with considerable success; and appear to be adequately safeguarded and posted.

{ The incidence of rattlesnakes in the Gardens is probably no greater than that generally throughout the surrounding area; however, as the Gardens are visited in goodly numbers by the general public including children, and as it is official knowledge that a rattlesnake "hazard" actually exists within the Gardens, it is recommended that the area be adequately posted with discreetly-worded warning signs for visitors.

It is possible that you may wish to bring this to the attention of Chancellor Kerr.

T. E. Haley

T. E. Haley
University Safety Coordinator

TEH:dm
cc: Vice President Corley
Mr. W. W. Monahan

BIOLOGICAL

UNIVERSITY OF PENNSYLVANIA



ABSTRACTS

PHILADELPHIA 4, PENNSYLVANIA

3815 Walnut Street

January 14, 1952

Professor T. H. Goodspeed
Department of Botany
University of California
Berkeley 4, California

Dear Professor Goodspeed:

As requested in your letter of January 11, we are sending you two reams (500 sheets each) of our perforated index paper. We realize the difficulty in obtaining small quantities of this paper because of the cost of perforating.

Enclosed you will find our bill covering this paper plus postage charges which we hope will be agreeable to you.

Very sincerely yours,

Hazel Hall

Hazel Hall
Business Office

Enclosure

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Route 2, Box 2722
Paradise, California
April 20, 1950

Dr. T. A. Goodspeed
University of California
Berkeley, California

Dear Sir:

I am interested in developing a group of azaleas of a variety of colors and preferably evergreen which would be well suited to withstand the heat and dryness of this region. *R. occidentale* does very well here of course and I should like to combine its natural tolerance of these conditions with the colors and evergreenness I want.

As a beginning on the problem I wrote to Mr. Clement Bowers, of Maine, New York who suggested that you might give me some valuable instruction on ericaceous introductions which might be useful. He feels there is no particular value in evergreenness, however, and suggests that *R. occidentale* in combination with some of the deciduous species of Florida might produce some desirable hybrids. Still it seems to me this property in landscaping work is very valuable and if you see any possibility at all of getting an *occidentale* hybrid that is even partially evergreen would you please tell me how to do it. John Creech at the USDA at Beltsville, Md. is working on crosses between the *Tsutsutsi* and *Pentanthera* sections without too much success as yet.

Mr. Bowers also suggests that you might have some knowledge of the genus *Befaria* and that they might have some value in this area. So far as I can determine there is only one source of seed in the U. S. in commercial channels and of course I note there is one species native in SE United States. If you think there is any merit in this suggestion I should certainly appreciate any information you could give on this genus as well.

Thank you very much,

Dean D. Halsey
Dean D. Halsey

2079 Life Sciences Bldg.
May 9, 1950

Mr. Dean D. Halsey
Route 2, Box 2722
Paradise, California

Dear Mr. Halsey:

Thank you for your interesting letter of April 20 concerning hybridizations involving *Rhododendron occidentale*.

The only experience that I have had in this connection is with a quite desirable hybrid made in the Botanical Garden a number of years ago between *R. occidentale* and a race of "*Azalea mollis*" which unfortunately can no longer be identified in our collection. The flowers of this hybrid are brilliantly colored, rather fragrant, and the growth rate is phenomenal. There is a heavy production of basal shoots and unless pruned the plant in a few years in favorable locations becomes 10 to 15 feet high. We grow it successfully in full sun where it attains a height of 4 feet and is compact. Plants four years old and more can be taken up and successfully divided five or six times.

I remember that the late Dr. E. D. Vandevere produced a hybrid with *R. griersonianum* and I think *R. occidentale*. I believe that he named this hybrid after his wife and that it was included in one of the lists published by the English society. There was wide variation in the first generation but some of the flowers were beautiful and in general the plants were not deciduous.

Regretting my inability to be of real service to you and in the hope that your efforts meet with success, I am

Cordially yours,

THG:T

Rt 2, Box 2722
Paradise, California

Dr. T. H. Goodspeed
2079 Life Sciences Bldg.
University of California
Berkeley 4, California

Dear Dr. Goodspeed:

Your letter of May 9 reached here while I was out of the state so it has had to await an answer quite a while but not for lack of interest. I have written Mr. Creech at the USDA, Beltsville, who suggests that he would like to see the Eastern azalea *R. atlanticum* crossed with *R. occidentale* and is sending me some stolons from the former this fall. He feels that this azalea might introduce useful qualities for an azalea in this area but would not of course offer good color or evergreen-ness. I have written him since asking for any information he may have on the Vandevere hybrid between *R. griersonianum* and *R. occidentale*.

I did not understand from your letter whether it is the "Azalea mollis" which you cannot identify in your collection now or the hybrid between it and *R. occidentale*. If you still have this hybrid available would you be kind enough to send me a division from one of your plants or provided it has been introduced to commercial channels, tell me where I could get some plants. This sounds very interesting and I would certainly like to give it a trial in this area. If it is not practicable to divide any of your plants this year perhaps you could send me some seed this fall if it develops any.

Thank you very much,

Dean D. Halsey
Dean D. Halsey

Say will send
a division this fall
mollis x occident hybrid

Berkeley 4, California
July 10, 1950

Mr. Dean D. Halsey
Rt. 2 Box 2722
Paradise, California

Dear Mr. Halsey:

Your recent letter reached Dr. Goodspeed shortly before his departure for Europe where he will attend the Seventh International Botanical Congress in Stockholm July 12 to 20 and later spend some six weeks in Switzerland, Italy and England before returning to Berkeley in early September.

We grow in the Botanical Garden the "Azalea mollis" x *R. occidentale* hybrid of which he wrote you in May and will be glad to send you a division in the fall.

Sincerely yours,

1901 Mulberry St.
Chico, California
Jan 2, 1951

Dr Goodspeed
Director of the Arboretum
University of California
Berkeley, California

Dear Sir:

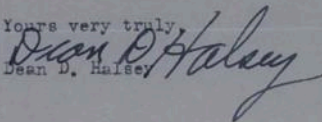
Some time ago I exchanged some correspondence with you concerning the breeding possibilities of *Rhododendron occidentale*. You mentioned to me that you had a cross of *R. occidentale* with *a.R. mollis* giving an outstanding hybrid of great vigor.

While you were in Europe during the summer I wrote you asking for some propagating material from this hybrid. Since you were not there your assistant replied that a plant of this hybrid was available and would be sent to me during the fall or winter.

This is in the nature of a reminder in the event there has been some slip-up in sending the plant and to provide you with a change of address to avoid having the plant stay overnight in the post office. I am most anxious to have the plant and I do hope nothing has changed with regard to its availability.

Yours very truly,

Dean D. Halsey



Berkeley 4, California
March 2, 1951

Mr. Dean D. Halsey
1901 Mulberry St.
Chico, California

Dear Mr. Halsey:

I have not forgotten your interest in obtaining propagating material of our hybrid of *Rhododendron occidentale* with *R. Mollis* but early and continuous rains have made it inadvisable to lift and divide the plant. When this can be done I will see that you receive a division.

Sincerely yours,

THG:T

#7 *ew*

New England Rose Society

45 Parker St.
Lexington 73, Mass.

Jan. 30, 1950

Botanical Garden
University of California
Berkeley, California

Dear Sirs:

As a personal project as well as an officer in the New England Rose Society, and a member of the Old Rose Committee of the American Rose Society, I am interested in growing on Cape Cod, in the southern part of this state, all the species and first-generation hybrids of Rosa that can be obtained. The collection of the Arnold Arboretum is very near here, but at present there is no definite plan there to make the Rose collection larger than it is.

There seems to be a very large number of species of Rosa on the Pacific Coast, and few of these are in collections or gardens. There is some doubt as to whether the whole list is not too long, and some of the species are but variations of the usual *R. californica* and *R. nutkana*. The descriptions in manuals are not too definite, and comparison in a garden might help to reduce the number of species.

The list ---

Rosa adenosepala, Wooton & Standley	neomexicana, Cockerell
aldersoni, Greene	nutkana, Presl.
bridgesi, Grepin	oreophila, Rydb.
californica, Cham. & Schlecht	pecosensis, Cockerell
chrysocarpa, Rydb.	pinetorum, Heller
colvillei, Greene	pisocarpa, Gray
durandi, Grepin	puberulenta, Rydb.
granulifera, Rydb.	pyrifera, Rydb.
gratissima, Greene	salictorum, Rydb.
gymnocarpa, Nuttall	spaldingi, Grepin
helleri, Greene	sonomensis, Greene
hypoleuca, Wooton & Standley	spithamea, S. Wats.
macouni, Greene	rivalis, Eastwood
manca, Greene	rotundata, Rydb.
melina, Greene	stellata, Wooton
montezumae, Humboldt & Bonpland	var. mirifica, Cockerell
minutifolia, Engelmann	ultramontana, Heller
mohavensis, Parish	woodsii, Lindley, 1820
myriadenia, Greene	var. fendleri, Rydb.
	yainacensis, Greene

There are other names that are surely synonyms of some of the above.

If at any time you have added information on any of these, or can send me seeds of some of them, I shall be grateful.

Very truly yours,

Stephen F. Hamblin

Prof. Stephen F. Hamblin

Assist. Prof. Horticulture
Harvard University

February 17, 1950

AIR MAIL

Professor Stephen F. Hamblin
45 Parker Street
Lexington 73, Massachusetts

Dear Professor Hamblin:

Thank you for your letter of January 30 concerning species of the genus *Rosa*. I am glad that you are proposing to establish a research collection.

I believe that in this Botanical Garden we grow over 50 species and varieties of *Rosa*. Most of them were obtained a good many years ago from Dr. Rixford, who for some years before his death was a rather well known rosarian in this area. He felt quite confident of the correctness of the determinations on his plants and we have carried them on our labels. At the moment a complete reorganization of our accession files in regard to species existing in the Botanical Garden is under way and I hope we can soon work on the collection of species roses. Until that work is completed I can be of little service to you in connection with the list which you sent. Because of the small size of our technical staff controlled seed collections are difficult and it would be more convenient to send you cuttings of anything which ultimately might be of service.

With thanks again for your letter and with best wishes,

Sincerely,

MT:am

STILES HALL MEMORIAL BUILDING FUND

2227 UNION STREET , BERKELEY 4, CALIFORNIA , ASHBERRY 3-6285

To secure a new home for the University Young Men's Christian Association, as a living memorial to the men of the University of California, and especially of Stiles Hall, who gave their lives in World War II.



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HARRY L. KINGMAN

WILLIAM J. DAVIS
Director

April 6, 1949

Dr. Thomas H. Goodspeed
Department of Botany
University of California
Berkeley 4, California

Dear Dr. Goodspeed:

For your information I am enclosing a letter which President Sproul recently wrote in behalf of the Stiles Hall Memorial Building Fund. If copies of this letter would be of use in completing solicitation in your department, kindly notify Harry Kingman at Stiles Hall.

The more than three hundred members of the faculty who have contributed to this campaign have attained a very substantial total. We are grateful to you and others who are helping to complete the campus part of our statewide campaign.

Sincerely yours,

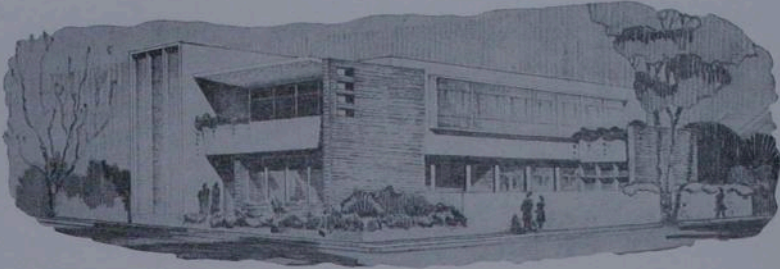
Brutus Hamilton
Fund Chairman

ah
Enc.

STILES HALL MEMORIAL BUILDING FUND

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BROOKE PETRAY
HERMAN A. SPINDT

Ex-Officio

ANSON S. BLAKE
HARRY L. KINGMAN

WILLIAM J. DAVIS
Director

March 21, 1949

Dear Friend:

Because the Stiles Hall Memorial Building Fund is of concern to me both personally and officially, I do not regard lightly my title of Honorary Chairman. While the pressures of my office prevent me from playing as large a part in the campaign for funds as I should like to do, I can at least write to you.

In 1892 Professor Joseph LeConte said at the dedication of the original Stiles Hall, the first home of the University YMCA:

"It is the very thing we have wanted. It is the crown of our University education. Intellectual culture reaches its highest point only when to it is added the culture of the moral and religious side of man."

I am hoping that I may repeat these words at the dedication of a new Stiles Hall, and to this end I have contributed to the Stiles Hall Fund myself, and am soliciting contributions from others.

Over 1100 friends of the University Y have already given. Only \$73,000 is needed to complete the project. This seems such a modest balance that I can hardly conceive of its not being over-subscribed very soon. And yet you and I know that even this small total will not be attained if each counts upon the other to carry the load.

Therefore, I bespeak your generous response to the representative of the Fund who will call upon you shortly. If for any reason you are not seen personally (and a few inevitably will be missed), I hope you will send in a gift or write to Stiles Hall for a pledge card.

Some of you, I know, can give liberally. Please do. Others can spare only modest amounts. These are also welcome. Together, we can finish the task, and the freshman who comes to Berkeley in 1950 will find the enclosed plans a reality.

Sincerely yours,

Robert G. Sproul

Enclosure

Contributions should be made payable to G. C. Pettygrove, Treasurer, and sent to 2227 Union Street, Berkeley 4, Calif.

April 12, 1949.

Mr. Brutus Hamilton,
2227 Union Street,
Berkeley 4,
California.

Dear Mr. Hamilton,

With regard to your letter of April 6 I believe that it might be worth while to send a copy of President Sproul's letter to the following members of this Department whose contributions to the Building Fund I have solicited in case pledges have not yet been received from them.

L. Bonar
L. Constance
A. S. Foster
H. L. Mason
G. Papenfuss
L. Machlis
J. Proskauer

Sincerely yours,

THG/EN

2089 Life Sciences Bldg.

August 27, 1957

Capt. E. S. Hamley
Dept. Air Science
208 T-9

Dear Capt. Hamley:

Confirming our telephone conversation:

The first section of the Sixth University of California Botanical Garden Expedition which I am directing is at present making plant collections in Peru for the Botanical Garden and Herbarium of the University and will continue to do so until late December. Mr. Paul C. Hutchison, Sr. Botanist in this Botanical Garden, is in charge,

He has cabled "Permission Professor Air Science U.C. receive packages" and after consultation with you I have replied "Permission granted by Professor Air Science AF ROTC Detachment 85 Assume sending living material".

Presumably Mr. Hutchison desires to send living plants, bulbs, cuttings and similar material of research importance collected for the University. It is extremely important that they reach Berkeley as soon as possible. In the past there have been losses due to serious delays in transportation by commercial air lines. In this connection the cooperation of the Air Force would be very much appreciated.

With thanks and best wishes,

Sincerely,

Professor of Botany and Director
of the Botanical Garden, Emeritus

Collaborator U. S. Department of
Agriculture

THG:T

PLEASE RUSH

572,79

FROM: Lt Col Charles G Botsford, 5546A &
Paul C Hutchenson
U.C. Overseas Expedition Forces
Lima, PERU

Hamley
Ms. Dodge

1 of 4 Boxes

TO: Prof Air Science & Tactics
University of California (ATTN: Dr Goodspeed,
Berkeley, California Director Botanical
Gardens.)

THRU: MATS TERMINAL
Sacramento, California

Missus (Mrs)
Idlewood
-7-2,211
Mr. Higgins
apt. 33116

SHIPPING INSTRUCTIONS:

CONTENTS: Botanical Specimens
USDA Import Permit No 37-2556
UNIV of CALIF Botanical Gardens will take
care of import requirements
OTHER: On arrival Sacramento receiving
office call *W* sherry 3-6000
EAT 343 for official Entry

PLEASE RUSH



CABLE ADDRESS:
POWATTAN

The American Tobacco Company
Richmond 24, Va.

RESEARCH LABORATORY
400 PETERSBURG TURNPIKE

May 16, 1958

Dr. T. H. Goodspeed
University of California
Berkeley, California

Dear Dr. Goodspeed:

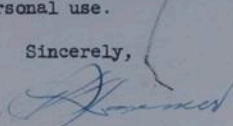
We are enclosing two volumes entitled "Flue-Cured Tobacco" and "Burley Tobacco". These publications will be distributed to individual farmers in the flue-cured and Burley tobacco producing states through county agents. We undertook this project to meet the often-expressed need for something that would help the farmer to recognize the various abnormalities which may occur during the course of growing a crop of tobacco. With the mechanization of agriculture and the introduction of many new practices, the tobacco farmer has to depend more than ever upon the counsel of county agents and other technically trained persons. It is our hope that these books will help the extension personnel in the splendid work that they are now doing.

These publications are also being made available to teachers of vocational agriculture in the flue-cured and Burley producing states for use in their classrooms.

The books have been in preparation for almost four years. We have enjoyed the cooperation of some sixty-five agricultural scientists in obtaining photographs and preparing copy. Both the illustrations and the copy have been approved by representatives of the states involved, so we are assured of technical accuracy.

I thought that you, as one who is interested in the production of tobacco, would enjoy having copies of "Flue-Cured Tobacco" and "Burley Tobacco" for your personal use.

Sincerely,



H. R. Hamner
Director of Research

emv

Enclosure



CABLE ADDRESS:
POW-HATTAN

The American Tobacco Company
Richmond 24, Va.

RESEARCH LABORATORY
400 PETERSBURG TURNPIKE

June 18, 1958

Dr. T. H. Goodspeed, Director
Botanical Garden Expeditions to the Andes
University of California
Berkeley 4, California

Dear Dr. Goodspeed:

Thank you for your gracious letter of June 3.

There has indeed been a change in the attitude of the entire tobacco industry toward research. I believe our Company was the first to initiate a broad program of collaborative research with federal agencies, experiment stations and farm organizations. This form of cooperation has become quite general and, we believe, beneficial to all concerned.

The prospect of improving commercial varieties of *N. tabacum* by selective breeding with other species of *Nicotiana* has become increasingly apparent to tobacco breeders everywhere. Much of this work was made possible by your extensive research in the field. Undoubtedly, the only source of many of the little known species has been the famous Goodspeed collection. "The Genus *Nicotiana*" is an invaluable reference. The industry is indebted to your foresight.

With thanks for your favorable comments and with best wishes,

Sincerely,

H. R. Hammer
Director of Research

HRH:jtb

University of California
Berkeley 4, California
June 3, 1958

Dr. H. R. Hamner
Director of Research
The American Tobacco Company
Richmond 24, Va.

Dear Dr. Hamner:

I have just received the two attractive volumes, "Flue Cured Tobacco" and "Burley Tobacco," which you were kind enough to send me. Many thanks, indeed.

For fifty years I have been concerned with morphological, cytological and genetic studies of the species of Nicotiana and have spent a total of over four years in South America in search of new or little known species and varieties. The products of this research were brought together in a volume entitled "The Genus Nicotiana," published in 1954.

Some twenty years ago I solicited financial assistance for my botanical work in South America from organizations concerned with the production of tobacco. I proposed to emphasize the introduction from South America of disease resistant races of the wild ancestors of the tobacco plant and breeding this resistance into commercial varieties. Uniformly the replies were not only negative but exhibited what appeared to me to represent an entire lack of appreciation on the part of the industry of the contributions which scientific research might make to its variety of problems.

During recent years I have been happy to note a change of attitude, of which the two volumes you sent me are, in a sense, an illustration. They should be of great importance to farm advisors and growers in tobacco producing areas and the American Tobacco Company is to be congratulated upon the significant contribution it has made to fundamental production problems of a very important American industry.

With, again, my thanks and best wishes,

Sincerely,

Lund, Sept. 2nd, 1950.

Prof. Thomas H. Goodspeed,
University of California,
Berkely 4, Calif.

Dear Sir,

Please kindly send me the reprints which cover
interesting lecture on July^{17th} at the VII Intern. Bot.
Congress in Stockholm: Demonstrations of orthochr
the flora of California.

I thank you beforehand.

Yours faithfully

Samuel Hansen

Samuel Hansen,
Amanuens,
Botanical Laborato
University of Lund
L u n d.
Sweden.

Dept. of Botany
Univ. California
Berkeley 4, California
December 4, 1950

Dr. Samuel Hansen
Botanical Laboratory
University of Lund
Lund, Sweden

Dear Dr. Hansen:

In reply to your request of September 2 I will be glad to send you when published in the Proceedings of the Congress a reprint of the article describing the exhibit of photographs and my illustrated lecture on the floras of California.

Sincerely,

THG:T

AMERICAN ACADEMY OF ARTS AND SCIENCES
28 NEWBURY STREET
BOSTON 16

TEMPORARY ADDRESS
ROOM 14 S-326
77 MASSACHUSETTS AVENUE
CAMBRIDGE 39, MASSACHUSETTS

January 25, 1956

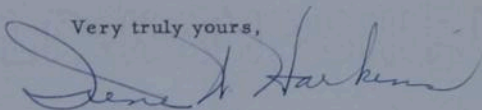
Dr. T. H. Goodspeed
University of California
Berkeley 4, California

Dear Dr. Goodspeed:

We acknowledge with thanks your copy of "The University of California Botanical Garden Expeditions To The Andes", which you sent us, presumably in connection with the grant-in-aid made you from the Permanent Science Fund in October, 1946, in support of the completion of a Monograph on Nicotiana.

We note that you have given recognition to the Academy in this volume. We shall bring this to the attention of the Permanent Science Fund Committee.

Very truly yours,



Irene W. Harkins
Administrative Assistant

IWH:mbs

January 24, 1949

Mr. Paul V. Harper
11 S. LaSalle Street
Chicago, Illinois

Dear Paul:

Florence and I were happy once more to be in touch with you via your charming Christmas card.

My mother, who is relatively hale and hearty at 87 years of age, has miraculously preserved during her travels and changes of residence in this country a good deal of material dating from her early life. The other day she found a picture of your father taken in Chicago in 1882. I am sending it to you separately in the thought that possibly this particular and very interesting photograph may not be in your archives.

With best wishes from us both and kindest regards,

Cordially yours,

TMC:hm

CONFERENCE BOARD OF ASSOCIATED RESEARCH COUNCILS
COMMITTEE ON INTERNATIONAL EXCHANGE OF PERSONS

Mailing address: 2101 Constitution Avenue, N.W., Washington 25, D. C.

Office address: 1785 Massachusetts Avenue, N.W., Washington 6, D. C.

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April 19, 1956

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FRANCIS A. YOUNG
Executive Secretary

Professor T. H. Goodspeed
2079 Life Sciences Building
University of California
Berkeley 4, California

Dear Professor Goodspeed:

Thank you for your letter of April 12 in which you refer to your interest in the possibility of applying for a research grant under the Fulbright Act which would enable you to lecture and continue your botanical research in Chile.

It appears quite definite that there will be a lecturing program in Chile during the 1957 academic year, and the Committee hopes to make an announcement of specific openings within the next two months. While, so far as is presently known, a definite request for a visiting lecturer in botany will not be included, the Committee would be glad to have your application, since it is not always possible to nominate a sufficient number of well-qualified candidates in designated fields.

I am therefore enclosing the necessary application forms and a booklet describing the operation of the Program. A copy of the announcement for Chile will be sent you as soon as it becomes available.

Sincerely yours,

Elaine A. Harris

Mrs. Elaine A. Harris
Assistant to the Executive Secretary

EAH:pms

Encl.: packet/broch/file label C

*Int. Sci
Forum*

2079 Life Sciences Building
University of California
Berkeley 4, California
April 12, 1956

Conference Board of Associated Research Councils
Committee on International Exchange of Persons
2101 Constitution Avenue, N.W.
Washington 25, D.C.

Gentlemen:

I understand that for the period March to December 1957 opportunities for university lecturing and advanced research in Chile under the Fulbright Act have been announced.

During the past twenty years I have been in South America six times and have directed five botanical expeditions in South America, principally in Peru and Chile but also in Colombia, Argentina, Bolivia and Uruguay. I have lectured (in Spanish) in numerous South American universities and before scientific and other institutions. Two books, in whole or in part, and some fifty scientific and other articles deal with the products of my South American experiences. I am at present engaged upon further study of the character and distribution of the Chilean floras.

On July 1, 1954 I was retired from this University but was recalled to full time active duty during the past and current academic years. I am assured of reappointment in such status until June 30, 1957 when I will reach age 70. Should it be possible to receive an appointment to Chile under the Fulbright Act for university lecturing and research I would resign my present position here in March 1957 to accept such appointment.

If in your opinion an application from me would be appropriate I would appreciate receiving the necessary application forms.

Sincerely,

THG:T

UNIVERSITY BULLETIN

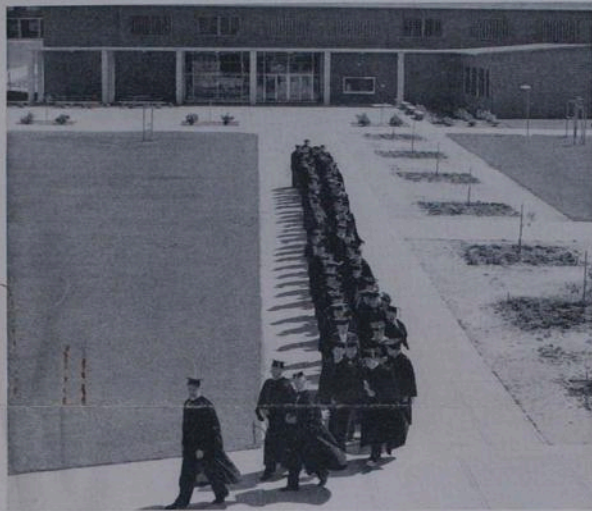
BERKELEY • LOS ANGELES • RIVERSIDE • LA JOLLA • DAVIS
SAN FRANCISCO • SANTA BARBARA COLLEGE • MOUNT HAMILTON



Vol. 4, No. 34

A WEEKLY BULLETIN FOR THE STAFF OF THE UNIVERSITY OF CALIFORNIA

April 9, 1956



FIRST CHARTER PROCESSION—The recently expanded Riverside campus held its first Charter academic procession March 28 with 70 faculty members of the College of Letters and Science and Citrus Experiment Station marching from the Library to the Physical Education Building, site of the Charter Anniversary Convocation on the Riverside campus.

RIVERSIDE CAMPUS CHARTER CEREMONIES

Charter Anniversary exercises on the Riverside campus were opened for the first time by an academic procession. Leading the procession were O. Paul Straubinger, Associate Professor of German, Provost Gordon S. Watkins, and Peter Odegard, Chairman of the Department of Political Science at Berkeley and Charter speaker at Riverside.

In his address, Professor Odegard urged that the "politician" be restored to his rightful place of honor in the community.

"It is high time that politics ceased being a dirty word and politician a term of reproach," he declared.

"Even in the worst days of the spoils system, standards of ethics, of character and competence in the public service were as

high or higher than in most private walks of life, and they are so today."

A nation without political leadership is "at best a confusion of tongues and at worst a mob running amok," the former president of Reed College said, and added that political leadership implies politics and politics means politicians.

"To be a political leader, one must first be a politician, a broker of consent, a voice for the voiceless, giving expression to the aspirations of a people caught in the treadmill of daily life.

"What the president is to the nation, the governor and the mayor can be to the state and city—the one who gives it that prophetic leadership without which no great work is accomplished and no great deeds are done," he continued.

Fulbright Grants

Opportunities for university lecturing and advanced research grants have been announced under the Fulbright Act in various countries of the Middle East, Far East, the Pacific Area, and in South America for the academic years 1956-57 and 1957-58.

Lecturing opportunities in several institutions in Egypt are open for the 1956-57 academic year. These include a post in the Department of Journalism, University of Cairo; four awards in English teaching and linguistics at several teacher training colleges and other institutions, all in Cairo; a specialist in social service work at the Higher Institute of Social Service in Alexandria; and visiting professorships in experimental nuclear physics and chemical engineering at the universities of Cairo and Alexandria, respectively.

For the academic year 1957-58 (and a few for 1956-57), university lecturing grants are available for Australia (March-November 1957), Burma (June 1957-March 1958), India (July 1956-April 1957), New Zealand (March-November 1957), The Philippines (June 1957-April 1958), Thailand (May 1957-April 1958), and Chile (March-December 1957).

Application forms and additional information in all cases may be obtained from the Conference Board of Associated Research Councils, Committee on International Exchange of Persons, 2101 Constitution Avenue, N.W., Washington 25, D.C. To insure consideration, applications for the 1956-57 program should be postmarked no later than April 15, 1956.

Professor Odegard said that colleges and universities have a unique and crucial role to play in the development of the kind of quality of political leadership upon which so much depends.

"Unless we are to rely exclusively upon catch-as-catch-can methods, we shall have to give greater attention to formal education in the training of politicians.

"Colleges and universities now provide the specialized education needed by civil servants from stenographers to nuclear physicists. Specialized curricula in public administration and international relations

FB

CAMPUS

2079 LSB BOT

PROF. I. H. GOODSPED

2079 Life Sciences Building
University of California
Berkeley 4, California
May 3, 1956

Mrs. Elaine A. Harris
Committee on International Exchange of Persons
2101 Constitution Avenue N.W.
Washington 25, D.C.

Dear Mrs. Harris:

Thank you for your letter of April 19th enclosing forms to be used in applying for a grant under the Fulbright Act.

Would you be good enough to comment upon the following points:

Does the second paragraph of your letter suggest that even though no request is received from Chile for lecturing or research in the plant sciences your Committee might act favorably on my request for a grant if my proposal appeared to be sufficiently significant and my training and experience adequate?

As announced the period of tenure of a grant in Chile will be from March to December 1957. In my letter of April 12 I referred to my willingness to resign my position at this University if I received a grant for that period. However, at that time I was not aware that a Fulbright grant provided only transportation and maintenance in a foreign country and no stipend. Since this is the case I could not be available earlier than June 30 1957.

Doubtless the announced period of the grant was selected for those who would lecture during the Chilean academic year. Since my primary activity in Chile would be research, with incidental lecturing and advising the Ministry of Agriculture, would postponement of the beginning date of the grant to July 1 1957 preclude consideration of an application from me?

Sincerely,

THG:T

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COMMITTEE ON INTERNATIONAL EXCHANGE OF PERSONS

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May 10, 1956

COMMITTEE MEMBERS

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D. H. DAUGHERTY	BERNARD PHILLIPS
WILLIAM L. DOYLE	IRA O. WARD
JAMES S. EARLEY	PAUL WEAVER
L. H. FARINOLT	BRUCE WOOD

FRANCIS A. YOUNG
Executive Secretary

Professor T. H. Goodspeed, Director
Botanical Garden
2079 Life Sciences Building
University of California
Berkeley 4, California

Dear Professor Goodspeed:

You have correctly interpreted my letter of April 19. While applications for programmed openings probably enjoy a slight advantage in competition, applications in all fields are reviewed, and the Committee often recommends candidates in non-specified subjects. In addition to Committee recommendation, affiliation with a university abroad (usually arranged by the United States Educational Foundation or Commission) and selection by the Board of Foreign Scholarships are necessary before a grant can be made.

The fact that you would not be available until July 1957 would not preclude consideration of your application. Partly because of the lateness of the announcement of the program, it seems likely that at least some of those who are recommended for grants will not be able to arrive in Chile at the beginning of the academic year. The acceptability of a late-beginning grant is dependent upon the attitude of the host institution and the Commission concerned, but as you observe, would seem not to be a serious problem in the case of a research candidate.

Please let me know if other questions occur to you.

Sincerely yours,

Elaine A. Harris

Mrs. Elaine A. Harris
Assistant to the Executive Secretary

EAH:pms

2079 Life Sciences Building
University of California
Berkeley 4, California
May 14, 1956

Mrs. Elaine A. Harris
Committee on International Exchange of Persons
2101 Constitution Avenue, N.W.
Washington 25, D.C.

Dear Mrs. Harris:

Thank you for your letter of the 10th commenting upon certain questions of mine.

I judge that whether an application concerns a specified or a non-specified field the Committee's recommendation is subject to review by the Board of Foreign Scholarships and affiliation with a university abroad is required.

In this latter connection, Dr. Juan Gomez Millas, Rector of the University of Chile, will visit Berkeley next week under the auspices of the Rockefeller Foundation. Both he and Dr. Astorga, Director of Agriculture in Santiago have asked me to return to Chile to assist further in the development of the National Botanical Garden and Agricultural Research Station near Valparaiso. In 1942-43 I designed the grounds of this institution and in 1951 went to Chile to assist in its initial development. Dr. Gomez, who is largely concerned with the educational aspects of the Chilean Botanical Garden project, might wish to have me accredited to the University of Chile should I apply for a grant and be accepted.

With thanks again,

Sincerely,

THG:Y

2079 Life Sciences Bldg.
University of California
Berkeley 4, California
October 3, 1956

Mrs. Elaine A. Harris
Committee on International Exchange of Persons
2101 Constitution Avenue N.W.
Washington 25, D.C.

Dear Mrs. Harris:

You may recollect our correspondence during April and May concerning the possibility of my making application for a grant under the Fulbright Act to carry on research in Chile.

It has been difficult for me to come to a decision in this connection and I presume that the date for receiving applications for 1957-58 has now passed. I am therefore returning the application forms and other material you were kind enough to forward to me.

With appreciation of your courtesy,

Sincerely,

THG:T

CONFERENCE BOARD OF ASSOCIATED RESEARCH COUNCILS
COMMITTEE ON INTERNATIONAL EXCHANGE OF PERSONS

Mailing address: 2101 Constitution Avenue, N.W., Washington 25, D. C.

Office address: 1785 Massachusetts Avenue, N.W., Washington 6, D. C.

MEMBER COUNCILS

AMERICAN COUNCIL ON EDUCATION
AMERICAN COUNCIL OF LEARNED SOCIETIES
NATIONAL RESEARCH COUNCIL
SOCIAL SCIENCE RESEARCH COUNCIL

October 10, 1956

COMMITTEE MEMBERS

M. H. TRYTTEN, Chairman	MORTIMER GRAVER
MARLAND P. BILLINGS	HERBERT J. HERRING
FRANCIS J. BROWN	SIDNEY PAINTER
HAROLD C. DEUTSCH	WILLIAM R. PARKER
WILLIAM L. DOYLE	PAUL WEAVER
JAMES S. EARLEY	BYRCE WOOD

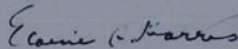
FRANCIS A. YOUNG
Executive Secretary

Professor T. H. Goodspeed
Botanical Garden Expeditions to
the Andes
2079 Life Sciences Building
University of California
Berkeley 4, California

Dear Professor Goodspeed:

Thank you for your note of October 3 and for your thoughtfulness in returning the Fulbright application materials. I wonder if you would care to complete the enclosed data sheet for inclusion in the Committee's register of scholars interested in an overseas assignment under the Exchange Program?

Sincerely yours,



Mrs. Elaine A. Harris
Assistant to the Executive Secretary

EAH:pms

Encl.: F.P./S-M leaflet & data sheet

Goodspeed Thomas Harper

Prof. of Botany & Director, Botanical Garden
University of California, Berkeley
Dept. Botany, Univ. Calif.,
Berkeley, California As 3-6000, Ext. 344

661 Woodmont Avenue
Berkeley 8 California La 5-0935

male USCG, VPSF, Ens,(T) U.S.A.
May 17, 1887 Springfield Mass.

married

Brown Univ.	Providence, R.I.	1905-09	Botany	AB
Univ. Calif.	Berkeley, Calif.	1909-12	Botany	PhD

Univ. Calif. Asst.-Prof. Bot. & Dir. Bot. Gard., 1912-57 (Emeritus 1957); Fellow Gugg.
Found., Europe, S. Amer., Amer. Scan. Found.; Dir. 5 Univ. Calif. Bot. Gard. Expdns. S. Amer.; Visiting Prof.
Univ. Colombia, Buenos Aires, La Plata, Agric. Coll. La Molina (Peru); Hon. Dir. Nat. Bot. Gard. Peru, Chile;
Hon. Pres. 7th and 8th Int. Bot. Cong.; Vice Pres. 2nd S. Amer. Bot. Cong.; appointee Co-ord. Inter-Amer.
Affairs (S. Amer., 18 mos.)

Sc.D. hon.c. (Brown); Doctor hon. c. (La Plata); Com. Orden al Merito
B.O'Higgins (Chile); Medalist Ville de Paris; For. Mem. Sw. Roy. Acad. Sci., Acad. Sci. Colombia; Hon. Mem.
B.A. Acad. Sci., Arg. Sci. Soc., Acad. Sci. Chile. Study Europe, 22-23, 30-31, 38, 50, 55, S. Amer. 35-36, 38,
The Genus Nicotiana, Chron. Bot. Vol. 16, pp. 536; Plant Hunters in the Andes; 42-43, 46, 48, 52
Cazadores de Plantas en los Andes; Historia de la Botanica; Cytogenetica y el Mejoramiento de las Plantas Cult.;
Plant Resources of Chile; Phytogeography of Peru; 150 articles on cytogenetics, plant distribution, S. Amer.
Spanish Spanish, French, German
Cytogenetics, Evolution, Phytogeography, History of Botany, Vegetation of Western North America,
Botanical Gardens

Indefinitely after July 1, 1957 retired
Argentina (also elsewhere in S. Amer. except Brazil); Spain; Denmark

Dr. Carl Skottsberg	Dir. Goteborg Bot. Gard. Emeritus	Apotekaregatan 8, Goteborg, Sweden
Dr. Jose Cuatrecasas		Smithsonian Institution, Washington 25, D.C.
Dr. E. P. Reed	Chilean Bureau of Fisheries	Casilla 1802, Valparaiso, Chile
Dr. Antonio Diglio	Acting Director Inst. Lillo	Miguel Lillo 205, Tucuman, Argentina
October 23, 1956		

2079 Life Sciences Building
University of California
Berkeley 4, California
October 22, 1956

Mrs. Elaine A. Harris
Committee on International Exchange of Persons
2101 Constitution Avenue N.W.
Washington 25, D.C .

Dear Mrs. Harris:

I am returning the data sheet enclosed in your letter of the 10th.

You will note that I have not replied to the question concerning salary. The problem is as follows. I was retired on June 30, 1954 and have been reemployed, full time, since that date. After June 30, 1957 I will not be reemployed and will be fully retired on pension. My salary to that date will be \$13,100. My pension will amount to approximately \$6,000 and, in addition, I could be gainfully employed outside the University to the extent of approximately \$4,000 beginning July 1, 1957. Perhaps you will be good enough to insert in the questionnaire what, in the circumstances, you feel would be appropriate under "salary."

It has been difficult to indicate on the questionnaire the extent of my contacts with and services to South American Republics over the past twenty years during which I have lived and worked in Colombia, Peru, Chile, Argentina and Uruguay a total of over four years on six occasions. In addition to giving some 200 lectures (in Spanish) on botanical and other topics I have served as personal advisor to the Presidents of Peru and Chile on the development of National Botanical Gardens. During my five Botanical Expeditions to Colombia, Chile, Peru and Argentina I have advised and cooperated with Ministries of Agriculture on increase of agricultural potential and on numerous specific problems of crop production. I am an honorary or foreign member of many South American scientific societies and institutions in addition to those listed. Certain of them will be found in my biography in Who's Who in America, vol. 27.

With best wishes,

Sincerely,

THG:T

OAKLAND PARK DEPARTMENT

634 - 14th Street
Oakland 12

Oakland, California
February 6, 1958

Dr. John Thomas Howell,
Curator of Botany
California Academy of Sciences
Golden Gate Park
San Francisco 18, California

Dr. Jean W. Linsdale, Director
Hastings Reservation
Carmel Valley, California

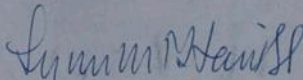
Mr. Frederick A. Meyer,
Chief Forester
State Division of Beaches and Parks
721 Capitol Avenue
Sacramento 12, California

✓ Dr. T. Harper Goodspeed,
Professor of Botany and
Director Emeritus
Botanical Gardens
University of California
Berkeley, California

Enclosed herewith is an article in the Oakland Tribune
for February 4, describing some of the activities in the
Knowland State Arboretum and Park.

This is forwarded to you for your interest and information.

Very truly yours,



Lynn M. F. Harriss
Asst. Supt. of Parks

Enclosure

Improvements Due At Knowland Park

Major Projects to Start in 3 Months Include New Entrance, Road Work

First major improvements in Knowland State Arboretum and Park since it was taken over by the Oakland Park Department last year are scheduled to start within three months.

Park superintendent William Penn Mott Jr. said the state, city and East Bay Botanical and Zoological Society will spend \$187,000 this summer on a series of projects in a long-range plan to develop the 453-acre park into a unique display of California flora and fauna.

The first series of projects, expected to be completed by Sept. 1, include construction of a new entrance at Mountain Blvd. and Golf Links Road and a ½-mile roadway within the park, grading for the new zoo and a 400-car parking area, an administration building for the Zoological Society, an Elephant House for Effie and installation of necessary water and sewer lines.

\$92,000 ROAD JOB

Grading, road and utility work will be carried out by contract under the supervision of the State Division of Highways for the State Division of Beaches and Parks with a cost estimated at \$92,000.

James P. Tryner, district superintendent of state beaches and parks, said the work should be under contract within 90 days and completed 2½ months later.

Meanwhile, architectural plans are moving ahead rapidly for the administration building and the Elephant House. Those two projects will be undertaken by the Oakland Park Commission, which took over administration of the park last March 1 under a three-way agreement with the State and the Zoological Society.

\$15,000 GIFT

The Elephant House will be financed by \$15,000 given by an anonymous donor to the society when it was announced that Effie, Oakland's famed elephant, would have to be sold for lack of adequate quarters. The society will finance the \$60,000 administration building from funds accumulated from concessions and other donations. Work on these two structures is expected to begin as soon as the grading is completed.

Finally, the zoo will be moved from its present location to a 100-acre site set aside for this purpose in the southeastern corner of the park. This work, estimated to cost \$20,000, includes installation of utilities and walks and rebuilding some of the cages. This amount is requested in the city park department's 1958-'59 budget.

In another phase of the park development, a committee of experts appointed by the Park

Commission, has completed a basic survey of the arboretum area, Mott said.

The group has recommended that a typical canyon area, a natural hilltop and an oak-chapparral slope—all within the park—be preserved in their natural condition for study by college botany students.

Serving on the advisory committee are John Thomas Howell, curator of botany, California Academy of Science; Frederick A. Meyer, State Park Forester; Dr. T. Harper Goodspeed, director of the University of California Botanical Garden; Dr. Jean M. Linsdale, director of Hastings Reservation, Carmel Valley, and Lynn Harriss, assistant superintendent of Oakland parks.

The Oakland Park Commission has asked the Division of Beaches and Parks to include a \$70,000 allocation in its budget request for fencing the entire park, as a preliminary to improving and expanding the arboretum.

Oakland, California
7 November 1957

MEMORANDUM TO: Mr. Wm. Penn Mott, Jr.
Superintendent of Parks

SUBJECT: Knowland Arboretum Advisory Committee

The Committee met for lunch at the Sea Wolf in Oakland on Monday, November 4, 1957. Present were Dr. John Thomas Howell, Curator of Botany, California Academy of Sciences, Mr. Frederick A. Meyer, Chief Forester, State Division of Beaches and Parks, and Dr. Jean M. Linsdale, Director of the Hastings Reservation in Carmel Valley. We were also happy to have Mrs. Linsdale present for lunch. Dr. Harper Godspeed could not be present due to being on exploration in Chile.

After lunch, the weather being clear, we drove out and inspected Knowland Arboretum from several points of view with the following results:

1. Save California Natural Area A (see print attached) in its natural state so as to be a demonstration of the flora of the region. It would be very desirable to acquire adjacent properties so that this valuable ravine with its native California cover can be made a part of the Arboretum down as far as Golf Links Road. Due to the predominance of oaks in the area it was considered feasible to extend the planting of this genus to the south as a quercetum. It was pointed out that the high grounds adjacent to Skyline Boulevard and the knolls above Golf Links Road might lend themselves to development of recreational facilities such as picnic grounds and the like.
2. Preserve California Natural Area B in its present state as nearly as possible. This is a natural wooded ravine in a reasonably intact condition. It would be desirable for preservation because one side of the ravine faces north and the shade will provide a contrast ecologically from the opposite side which facing south will be warmer and dryer. In order to preserve this area it might be well justified to relocate or revise the service road indicated as passing through the middle of it. Starting with a somewhat steeper gradient above Stella Street, it would seem possible to get the road either completely above the area or through its topmost portion.
3. Area C is considered another most promising nature area in the vicinity, but unfortunately is largely under ownership by the East Bay Municipal Utility District. This area should be acquired if at all possible. A reasonably situated reservoir site on the high ground might be well worthwhile in exchange. If such is feasible the reservoir could be underground and the lid used as a base for such elements of the

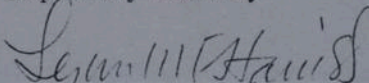
indicated plan as buildings or parking areas. It was further pointed out that such a reservoir would provide a convenient source of water for the more exotic arboretum plantations.

4. An area adjacent and to the south of the present zoo has been indicated on the plan for a general demonstration planting of the Australians. This has already been started according to Sid Snow by a planting some years ago of 100 Eucalyptus by the local PTA. While a part of this area may fall within the area designated for the future zoo location, it is not considered that this would be an objectionable conflicting use. Some of the animals, as a matter of fact, would be ecologically at home and would be able to use the arboretum flora for food, such as the koala.
5. The area to the east of the horticultural center site could be devoted to a collection of pines interrupted, of course, by the drives and parking areas indicated. Since there is a certain amount of prevalent westerly wind, this pinetum would serve several purposes. In the first place it would provide a certain amount of windbreak for the mid level arboretum plantings to the east. Second, it would form an interestingly serrated skyline, and third, it would form a dramatic background for the horticultural center. The area would be conducive for use as a pinetum placing the Montereys and Bishops on the west high ground and the less wind-hardy and tender types into the leeward ravine.
6. The mid-level arboretum area could be well developed into several collections and demonstration areas such as hedges, ground covers, and the like including specimens of recently hybridized or selected cultivars.
7. Rumor has it that the roughly triangular area above and to the east of the Water District's property along Golf Links Road has been acquired for the park by the State. If correct, this is good news and would point even more toward the acquisition of the Water District's holdings in order to make a continuously widened Arboretum area.
8. One of the first steps suggested in the development of the arboretum was thought to be the erection of a chain link fence around the entire area in order to protect the native areas so they could start the processes of natural renewal. For patrol purposes, it was considered desirable to have a rough service road inside this fence and as close as the topography permits. The height of the fence should be determined by starting with a minimum six feet and then the matter discussed with the Fish and Game representatives in the area to verify the type of deer prevalent in the region and whether the height should be extended to seven or more feet for their control.

9. The "olive hill area" between the Mountain Boulevard entrance and Stanley Road was not considered at this time because of the future freeway construction. After such is completed the area can be studied more in detail for possible use.

10. The prospect of regrading the stream for recreational use and water for the plantation displays was considered desirable. It was pointed out, however, by Dr. Linsdale, that serious consequences to the plant life could result by a pollution in the area upstream which the arboretum does not control.

Respectfully submitted,



Lynn M. F. Harriss
Asst. Supt. of Parks

Copies to:

Dr. John Thomas Howell,
Curator of Botany
California Academy of Sciences
Golden Gate Park
San Francisco 18, California

Dr. Jean M. Linsdale, Director
Hastings Reservation
Carmel Valley, California

Mr. Lynn M. F. Harriss
Mr. Newton B. Drury
Mr. Sidney A. Snow

Mr. Frederick A. Meyer,
Chief Forester
State Division of Beaches and Parks
721 Capitol Avenue
Sacramento, 12, California

Dr. T. Harper Goodspeed,
Professor of Botany and
Director Emeritus
Botanical Gardens
University of California
Berkeley, California

March 18, 1946.

Mr. F. S. Harter
Purchasing Department.

Dear Mr. Harter:

You may remember kindly obtaining for me information concerning shipment of a number of cases of dried plant specimens to England. These specimens represent a collection of South American plants purchased by the Royal Botanical Gardens, Kew, Surrey, England. I understood that before shipment could be made, certain documents permitting entry should be secured by the purchaser.

I have now received the following statement contained in a letter from the Assistant Director of the Royal Botanical Gardens:

"You mention the receipt of the necessary documents from our Government, but I do not think that any documents are necessary if the material is addressed to The Director, Royal Botanical Gardens, Kew, and sent, I suggest, through the American Express Company."

Would you be good enough to look into this matter further and advise me since we are ready at any time to make shipment.

Sincerely yours,

THG/L

October 6, 1952

Professor T. H. Goodspeed
 Department of Botany
 2079 Life Sciences Building
 Campus

Dear Professor Goodspeed:

It will be appreciated if you will let us know whether or not the following equipment is still on loan for use in research work in Valparaiso, Chile:

- (X) — 3 Picks
- (X) — 2 Flashlights
- (X) — 1 Camp Kit (Knife, Fork and Spoon)
- (X) — 2 Pr. Shears
- ✓ 1 Storage Press — *Bot Gdn.*
- (X) — 12 Pr. Press Straps
- 1 Field Bag — *PCN.*
- (X) — 1 Hunting Knife
- (X) — 12 Scripte Pencils and Leads
- (X) — 2 Paper-Mate Pens and 3 Refills
- (2) (X) — 5 Pr. Trousers
- (X) — 4 Pr. Sox
- 1 Pack Frame & Pack Sack — *PCN.*
- (X) — 1 Saw
- 3 Pr. Field Presses — *UC Herb.*
- ✓ 30 Maps (Used) — *Bot Gdn.*
- 1 Sleeping Bag — *PCN.*
- ✓ 1 Typewriter & Case — *Bot Gdn.*
- (X) — 1 Pr. Boots
- (X) — 2 Shirts
- (X) — 1 Sweater-jacket

Very truly yours,

F. S. Harter

F. S. HARTER
 Purchasing Agent

FSH:fc

(X) — used & retained by PCN.
 PCN — personal.
 X — still at UCBB.

October 15, 1952

Mr. F. S. Harter
Purchasing Dept.

Dear Mr. Harter:

Your letter of October 6 contained a list of equipment which apparently has been noted, possibly for insurance purposes, as having been used during 1951-52 in our plant exploration in Chile.

Of the items listed the following were the personal property of Mr. Paul C. Hutchison, Botanical Garden Botanist and my assistant in Chile: 1 field bag, 1 pack frame and pack sack, 1 sleeping bag.

The following items were obtained from the Botanical Garden and have been returned thereto: 1 storage press, 3 field presses, 30 maps (used), 1 typewriter and case.

The remaining items were expendable and were worn out and discarded during the period of the Chilean expedition, November, 1951 to April, 1952.

Sincerely,

THG:T

September 25, 1957

Mr. Frank S. Harter
Purchasing Department

Dear Mr. Harter:

I am leaving on September 29th for six months in South America to direct the Botanical Garden's Sixth Expedition down there.

Would you kindly inform the Inventory Department that I am taking with me one Retina camera, 35 mm, engraved "U. of Cal Bot. 59997," serial number 64774K.

I am asking Mr. Floss to add this item to the floater policy being carried on all University supplies and equipment being used in South America.

With best wishes,

Sincerely,

THG:T

Berkeley 4, California
March 26, 1951

Mr. Ray D. Hartman
Saratoga Experimental Gardens
Saratoga, California

Dear Friend:

I am happy that the project which you and Mr. Van Rensselaer discussed with me some months ago has now been realized through the establishment of the Saratoga Experimental Gardens. Please accept my congratulations.

With the wide horticultural experience which you and Mr. Van Rensselaer can contribute to this institution -- unique in aim and facilities in Western North America -- its success is assured.

I am certain that botanical institutions in California and elsewhere will welcome the opportunity to refer to the Saratoga Experimental Gardens imported or improved plant material of potential importance for Pacific Slope horticulture in the knowledge that its potentialities will be expertly explored and that, if found valuable, it will ultimately become available to the trade.

With all good wishes

Cordially,

THG:T

SARATOGA HORTICULTURAL FOUNDATION
SARATOGA, CALIFORNIA

July 2, 1952.

Dear Dr. Goodspeed:

The Trustees are honored that you have accepted their invitation to serve on the Board of Councillors of the Saratoga Horticultural Foundation. Because of your lifelong interest in the kind of work the Foundation is doing, we are sure that you will find this association to be both pleasant and stimulating.

We are hopeful that you will feel free to offer suggestions as they come to mind which will help to increase the usefulness of the Foundation. We appreciate your kind offer to permit us to test and distribute some of the trees you are introducing from temperate South America. Mr. Van Rensselaer is very much interested in an evergreen tree you showed him called Drimys Winteri. How should we propagate this?

So that you can keep abreast of progress being made, we hope that you will stop in for a visit whenever you are in the vicinity of Saratoga.

Very sincerely yours,

Ray D. Hartman
President

Dr. Thomas Harper Goodspeed, Director
University of California Botanical Garden
Berkeley, California

October 31, 1950

Mrs. L. A. Hartmann
1607 Pacific Avenue
Alameda, California

Dear Mrs. Hartmann:

With regard to our conversation concerning future donations by the American Herb Society to the Botanical Garden, I believe that they should be sent through me to the Regents of the University of California. It would be understood that such donations would be set aside exclusively for purchase of plants to be added to the herb collection of the Garden. The procedure would be that a list of proposed purchases would be submitted to me and bought by the University upon my requisition and delivered to the Botanical Garden.

The above proposal would, I believe, be to mutual advantage in that future contributions would be a matter of record in the administrative offices, and that official acknowledgement of the Society's generosity would be made by the Board of Regents.

Please express to the Society my appreciation of its cooperation which has resulted in an important addition to the unit plant collections which are being grown in this Botanical Garden.

With best wishes,

Cordially yours,

MT:am



DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE

~~FEDERAL SECURITY AGENCY~~ • Public Health Service

NATIONAL INSTITUTES OF HEALTH • Bethesda 14, Md.

NATIONAL INSTITUTE OF ARTHRITIS AND METABOLIC DISEASES
NATIONAL CANCER INSTITUTE
NATIONAL INSTITUTE OF DENTAL RESEARCH
NATIONAL HEART INSTITUTE
NATIONAL INSTITUTE OF MENTAL HEALTH
NATIONAL MICROBIOLOGICAL INSTITUTE
NATIONAL INSTITUTE OF NEUROLOGICAL DISEASES AND BLINDNESS
THE CLINICAL CENTER
DIVISION OF RESEARCH GRANTS

National Cancer Institute
April 20, 1953

Director, Botanical Garden
University of California
Berkeley 4, Calif.

Dear Sir:

At the suggestion of Dr. J. W. Duffield of Placerville, Cal., I am writing to see if you could supply me with up to 5 lbs. of the needles of Libocedrus chilensis for our experiments on experimental tumors. Dr. Duffield has one small tree, the needles of which showed some activity against our tumors, and we would like to have a larger amount for chemical extractions.

Also, do you have any Libocedrus other than chilensis, decurrens, and formosana of which you could send us about 1 oz. of needles? Different varieties of the species would be acceptable.

Sincerely yours,

Jonathan L. Hartwell
Jonathan L. Hartwell, Head
Organic Chemistry Section
Laboratory of Chemical Pharmacology

Yes?

H/f

Dept. of Botany
University of California
Berkeley 4, California
May 27, 1953

Dr. J. L. Hartwell
National Cancer Institute
Bethesda 14, Md.

Dear Dr. Hartwell:

I have your letter of April 20 concerning material of

Libocedrus chilensis.

Unfortunately, the specimen of this species in this
Botanical Garden is small and we could supply only a relatively
few needles. The only other species we grow is L. decurrens.

Sincerely,

THG:T



DEPARTMENT OF
HEALTH, EDUCATION, AND WELFARE
~~FEDERAL SECURITY AGENCY~~ • Public Health Service
NATIONAL INSTITUTES OF HEALTH • Bethesda 14, Md.

NATIONAL INSTITUTE OF ARTHRITIS AND METABOLIC DISEASES
NATIONAL CANCER INSTITUTE
NATIONAL INSTITUTE OF DENTAL RESEARCH
NATIONAL HEART INSTITUTE
NATIONAL INSTITUTE OF MENTAL HEALTH
NATIONAL MICROBIOLOGICAL INSTITUTE
NATIONAL INSTITUTE OF NEUROLOGICAL DISEASES AND BLINDNESS
THE CLINICAL CENTER
DIVISION OF RESEARCH GRANTS

June 1, 1953

Professor T. H. Goodspeed
Dept. of Botany
University of California
Berkeley 4, California

Dear Professor Goodspeed:

Thank you very much for your letter of May 27 regarding
Libocedrus chilensis.

Your letterhead reminded me of something that Dr. J. W. Duffield of Placerville, Cal., wrote me recently, namely, that it had been suggested that Libocedrus north and south of the equator are not really in the same genus. Do you believe there is anything to this suggestion?

It might be worthwhile, anyway, for me to try to obtain a small sample of needles of L. chilensis from Chile to ascertain the effect of geography on the production of tumor-damaging extracts by this species. Do you have any suggestions as to how I might proceed to obtain an ounce or so of such material?

Very sincerely yours,

Jonathan L. Hartwell
Head, Organic Chemistry Section
Lab. of Chemical Pharmacology

JLH/et

Berkeley 4, California
June 5, 1953

Dr. Johathan L. Hartwell
Organic Chemistry Section
Lab. of Chemical Pharmacology
National Institute of Health
Bethesda 14, MD.

Dear Dr. Hartwell:

I have yours of June 1st concerning Libocedrus. To obtain a sample of needles of L. chilensis Dr. E. I. Kotok, Chief, Technical Assistance Groups, ⁷¹⁰Ramon Nieto 920, Piso 6, Santiago, Chile, should be able to cooperate via the Chilean Dept. of Forestry. Otherwise, you might write to my friend, Dr. Edwyn P. Reed, Casilla 1802, Valparaiso, Chile. He should, given a little time, be able to have the necessary collections made.

Concerning the identity of this species north and south of the equator I have no knowledge but will attempt to get an opinion.

Sincerely,

THG:T

P.S. - Can you sell or exchange me some of the finer varieties of *Impatiens* *Patzeri* plants and if whole Do you know any other sources of supply?

"The Director"

University of California
Berkeley 4, California

Dear Sir;

What colours and size of *Impatiens Patzeri* do you have and can you sell me a pound or more of seed + at what price?

I understand that you has a gorgeous display this season.

Enclosed please find two packages - one of a delightful variety of *Impatiens Patzeri* that I grow + the smaller package of a grand 4 foot Blue Campanula, fine for cascading in rock gardens, but may be staked up if you prefer.

Best wishes
Sincerely yours
John M. Hawley.

2222 Midvale Ave
West Los Angeles 64
California
Oct 28th 1949

November 29, 1949

Mr. John M. Harvey
2222 Midvale Avenue
West Los Angeles, California

Dear Mr. Harvey:

Your letter of October 28 has been referred to me. Unfortunately, in this Botanical Garden we have not grown *Impatiens Roylei* and thus cannot supply the seed in which you are interested.

Many thanks for the seeds which you enclosed in your letter. We will be glad to grow it during the coming year.

With appreciation of your cooperation and best wishes,

Sincerely yours,

MT:am

Cactus and Succulent Society of California, Inc.

5161 TRASK STREET
OAKLAND 1, CALIFORNIA

817 Curtis St., Albany 6 Cal.
June 8 1957.

Dr. T. Harper Goodspeed, Director.
Botanical Gardens.
University of California.
Berkeley, California.

Dear Dr. Goodspeed:

Attached is our check for \$200.00.

It is our wish that this be added
to your funds set up for the importation and study of
Succulent plants.

Due to the fact that our major
income is derived from prize money at Flower Shows, we
were somewhat uncertain of our future last year but the
situation seems to have been ironed out so that we were
able to double our past donations to average out.

It was called to our attention that
it is sometimes helpfull to know of future donations.
We have therefore earmarked \$100.00 to be forwarded to
you for addition to this same fund, in June 1958.

Will you please put a note in your
files to send any important correspondance direct to my
address as Secretary and Treasurer. It will sometime save
from one to three weeks time over mail sent to our Trask
St., address in Oakland.

Respectfully,

John L. Hastings
John L. Hastings.
Sec. & Treas.

2089 Life Sciences Bldg.
University of California
Berkeley 4, California
June 14, 1957

Mr. John L. Hastings
Secretary and Treasurer
Cactus and Succulent Society of California Inc.
817 Curtis Street
Albany, California

Dear Mr. Hastings:

This will acknowledge with many thanks the donation of \$200 by the Cactus and Succulent Society for continuation of the programs of this Botanical Garden involving importation of cacti and succulent plants of research importance.

I feel confident that our forthcoming South American botanical expedition which will work in unexplored or little known areas in Peru, Chile and Argentina, will be successful in securing such plant material.

Your reference to a further contribution of the Cactus and Succulent Society in 1958 is very welcome.

Please express to the Directors of your Society my appreciation of their sustained interest and cooperation.

With best wishes,

Sincerely,

THG:T

2079 Life Sciences Building
University of California
Berkeley 4, California
June 20, 1956

Miss Patricia Haucke
323 Ralston
San Francisco California

Dear Miss Haucke:

Following our recent telephone conversation I would like to know whether in the near future you will be interested in a position as Nurseryman at this Botanical Garden.

I anticipate that because of your previous training it would be possible to appoint you as the second step in the Nurseryman salary range -- \$281 per month -- with a gradual increase to \$350 per month.

The hours are 7:30 to 4:00 and your own transportation to the Garden is essential.

If you are interested please let me know as soon as possible so that you may be considered along with other applicants.

Sincerely,

THG:T

June 30, 1956

Dear Professor Goodspeed,

This letter is in answer to your inquiry regarding the position of Neusey-man. I feel at this time that I must refuse the application at this time. Though I know how to drive I don't own a car and I just can't afford the expense of one right now. Thank you for your consideration and I hope at some future time I may be able to work at the Gardens.

Sincerely
Patricia L. Haucke

Prof Richard L. Hauke US 55500241

9771st T U det #4

Dugway Proving Grounds

Dugway, Utah.

30 Jan 56

Dr. T. H. Goodspeed
Department of Botany
University of California
Berkeley 4, California

Dear Sir:

I have applied for a fellowship at the University of Michigan for this fall and they wish to obtain letters of recommendation from the professors I had while obtaining my M.A. degree at U. of California, Berkeley. Would you please send a letter of recommendation for me to:

Department of Botany
University of Michigan
Ann Arbor, Michigan.

As you probably remember, I was a student in your cytology course in the fall of 1953, and you were also a member of the committee which administered my oral examination in the Spring of 1954.

I am sorry if I caused you any inconvenience.

Yours truly,

Richard L. Hauke

February 9, 1956

Pvt. Richard L. Hauke U555500211
9771st T U Set #1
Dugway Proving Grounds
Dugway, Utah

Dear Mr. Hauke:

As requested in your letter of January 30 I have written
in your behalf to the Department of Botany, University of
Michigan.

With best wishes,

Sincerely,

THGL

8/17/51 Acknowledged
and paid
Exp. to Hawkes #
2002-354

9 August 1951
3220 Bird Road
Coconut Grove 33, Florida

Dr. T. Harper Goodspeed
Department of Botany
University of California
Berkeley 4, Calif.

Dear Dr. Goodspeed:

Due to a serious illness on the part of my mother, I was forced to come to Miami earlier than I had planned, and, before my departure from Berkeley, was unable to see you again concerning my Cattleya project.

Since my arrival here, I have contacted several of the orchid growers in the vicinity who have specimens of certain Cattleya species missing from the Botanical Garden collections, and have secured plants, for study in Berkeley. I should like to inquire from you, however, how these should be sent in, so that they will successfully reach the Botanical Garden, without difficulty along the way. Should I send them to the Botanical Garden direct, or to you, in care of the Department of Botany?

There are also some miscellaneous rather rare Araceae, and a few South American orchids in the batch as well, which I will not send off until my return from Cuba, in about two weeks.

I should appreciate having your instructions regarding the disposition of these plants.

Sincerely yours,

Alex D. Hawkes
Alex D. Hawkes

MRS. HUGH DODSON HAZARD

P. O. BOX 187

PACIFIC GROVE, CALIF.

4. 29. 52.

Dear Dr. Goodspeed:

Do you know of any
reason why *Ilex aquifolium* and
I. opaca cannot be crossed?

With all kind wishes,

Yours sincerely,

H. D. Hazard.

Dr. T. Harper Goodspeed,
University of California,
Berkeley, Calif.

Berkeley 4, California
June 2, 1952

Mr. H. D. Hazard
P.O. Box 187
Pacific Grove, California

Dear Mr. Hazard:

Referring to the question in your letter of April 29th the only information I can obtain suggests that the pollen may have been defective. As you doubtless know Ilex aquifolium may produce large stamens which appear normal but actually are sterile.

With kindest regards,

THG:T

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
CALIFORNIA FOREST AND RANGE EXPERIMENT STATION



RI-CAL
SOIL STABILIZATION
Watersheds
Cover Improvement - Plant Search

Glendora, California
May 3, 1951

Dr. T. H. Goodspeed
Botany Department
University of California
Berkeley, California

Dear Dr. Goodspeed:

The California Forest and Range Experiment Station is conducting as a special project a search for information concerning exotic plants and any native plants not as yet used in erosion control in our southern California mountain areas. Shrubs and subshrubs of the evergreen sclerophyllous type are especially desirable.

During a recent visit to Berkeley, through a contact by phone, you expressed interest in our project and suggested that I write you concerning the full particulars.

By way of introduction, the eroding areas needing protection in the southern California mountains occur at altitudes ranging from sea level to 8,000 feet, but occur predominantly between 1,500 and 4,000 feet.

When choosing plants, due consideration should be paid the various environmental factors of the southern California habitat. The following conditions apply primarily to south-facing slopes:

They are steep, often at the angle of repose, and contain rather shallow, undeveloped soils of low moisture-retaining capacity. They contain little organic matter and are therefore rather sterile. The amount of direct sun radiation, or insolation, is extremely high.

In general, the climate is of the Mediterranean (Csa or Csb) type with the bulk of the rainfall occurring in the winter months, followed by a long, hot, dry summer period of extreme drought. These conditions may be tempered somewhat by the ameliorating effects of the ocean, but also may be adversely affected by influences from the nearby desert areas.

I have accumulated considerable material, including a tentative list of plants, from the literature of those regions (including central Chile) with climates comparable to our own. These data have been supplemented by several field trips to various nurseries, botanic gardens, universities, colleges and private residences.

Some of the plants which have been used satisfactorily for erosion control purposes in southern California include the following:

<u>Adenostoma fasciculatum</u>	<u>Photinia arbutifolia</u>
<u>A. sparsifolium</u>	<u>Pinus attenuata</u>
<u>Arundo donax</u>	<u>P. coulteri</u>
<u>Baccharis pilularis</u> var. <u>consanguinea</u>	<u>Prunus ilicifolia</u>
<u>B. viminea</u> ,	<u>Quercus agrifolia</u>
<u>Ceanothus greggii</u> var. <u>perplexans</u>	<u>Q. chrysolepsis</u>
<u>C. oliganthus</u>	<u>Q. dumosa</u>
<u>Cupressus glabra</u>	<u>Q. wizlizenii</u> var. <u>frutescens</u>
<u>Diplacus longiflorus</u>	<u>Rhus integrifolia</u>
<u>Ericameria parishii</u>	<u>R. laurina</u>
<u>Eriodictyon trichocalyx</u>	<u>R. ovata</u>
<u>Eriogonum fasciculatum</u>	<u>R. trilobata</u>
var. <u>foliolosum</u>	<u>Robinia neomexicana</u>
<u>Juglans californica</u>	<u>Salix lasiolepis</u>
<u>Librocedrus decurrens</u>	<u>Salvia apiana</u>
<u>Pennisetum purpureum</u>	<u>S. leucophylla</u>
	<u>S. mellifera</u>
	<u>Yucca whipplei</u>

Some of the native Chilean species which have appeared in the literature and seem of possible value are as follows:

<u>Baccharis rosmarinifolia</u>	<u>Quillaja saponaria</u>
<u>Berberis darwinii</u>	<u>Rhus</u> spp.
<u>Escallonia</u> spp.	<u>R. caustica</u>
<u>E. arguta</u>	<u>Roupala</u> spp.
<u>Embothrium coccineum</u>	<u>Senecio</u> spp.
<u>Fabiana</u> spp.	<u>Sophora tetraptera</u>
<u>F. imbricata</u>	<u>Myrtus</u> spp.
<u>Happlopappus</u> spp.	<u>Rhamnus</u> spp.
<u>Kageneckia oblonga</u>	<u>Calceolaria</u> spp.
<u>K. angustifolia</u>	<u>C. pinnifolia</u>
<u>Larrea</u> spp. (?)	<u>C. thyrsoiflora</u>
<u>Lobelia</u> spp.	<u>Caesalpinia</u> spp.

We are especially interested in species from genera such as Rhus, Rhamnus, Baccharis, etc. which have produced plants of proven erosion control value in southern California. Legumes are always welcomed. Any comments or additional information on this subject would be appreciated.

3-Goodspeed-5/3/51

I have perused your book concerning the University of California expeditions to Chile with much interest. Could you send me references to persons or places in Chile where we may obtain information of value in our plant search program?

I would appreciate very much any consideration you may give this letter.

Very truly yours,

Burgess W. Heacock

BURGESS W. HEACOX, Forestry Aide

Berkeley 4, California

June 20, 1951

Mr. Burgess W. Heacock
U.S.D.A. Forest Service
Glendora, California

Dear Mr. Heacock:

Thank you for your letter giving details of your erosion control program. I note in particular your reference to the introduction of certain Chilean species.

species

On the list of such/you enclose a number, sfor example, Sophora tetraptera, Berberis darwinii, species of Fabiana, Myrtus, Escallonia and Caesalpinia can be obtained in the trade. Embothrium coccineum is a shrub of the rain forest, Litrea (Rhus) caustica as dangerous as Poison Oak, Quillaja saponaria a considerable tree and the Calceolarias are quite difficult to grow.

It is possible that I will be in Chile this fall and more certainly Mr. Psul Hutchison, with whom you consulted in the Botanical Garden here, will do collecting there. We will be glad to bear in mind your problem and if possible collect seed of potentially useful species.

With best wishes

Sincerely,

THG:T

THE STATE COLLEGE OF WASHINGTON PULLMAN, WASHINGTON

COLLEGE OF SCIENCES AND ARTS
DEPARTMENT OF BOTANY

December 6, 1948

12

Dr. T. H. Goodspeed
Department of Botany
The University of California
Berkeley, California

Dear Dr. Goodspeed:

Dr. Philip Munz has suggested that I write to you to ask whether you may have collected seeds or plants of Oenothera featherstonei on your expeditions to Peru.

For several years I have been conducting a cytogenetic study of Oenothera subgenus Raimannia, and have obtained races representing 15 of the 19 species.

If you have no seeds nor living material of O. featherstonei perhaps you can suggest a collector in Peru to whom I might write.

Very truly yours

Adolph Hecht
Adolph Hecht
Assistant Professor
of Botany

AH/cs

January 24, 1949

Professor Adolph Hecht
Department of Botany
State College of Washington
Pullman, Washington

Dear Professor Hecht:

Your letter of December 6 was awaiting my recent return from South America.

For a number of years I have had a local collector working with me in Peru. If you will be good enough to give me the exact locations of collections made of Oenothera featherstonii in Peru, I will be glad to transmit the information to him in case it appears at all possible that he will be collecting in the areas involved.

In addition, I would suggest that you send similar information to Dr. Ferreyra who has taken the place in the University of San Marcos of the late Dr. Weberbauer, and who can best be addressed Escuela Nacional de Agricultura, La Molina, Lima. Dr. Ferreyra has spent a number of years in training in this country and is proposing to continue Dr. Weberbauer's survey of the vegetation of Peru.

With best wishes,

Cordially yours,

THG:hm

#6
THE STATE COLLEGE OF WASHINGTON PULLMAN, WASHINGTON

COLLEGE OF SCIENCES AND ARTS
DEPARTMENT OF BOTANY

January 27, 1949

*enclose
in box
letter*

Professor T. H. Goodspeed
Department of Botany
University of California
Berkeley 4, California

Dear Professor Goodspeed:

*return to
me*

Thank you very much for your kindness in helping me locate material of Cenothera featherstonii. The type locality for this species is Matucana, Lima, Peru. It has also been collected between Turco and Matucana, at Purruhuca and between Tarma and Matucana.

Thank you also for Dr. Ferreyra's address. Sometime ago I wrote to Dr. Weberbauer, not knowing of his death.

Sincerely yours

Adolph Hecht
Adolph Hecht
Assistant Professor
of Botany

With you please remember this if you can get to Matucana - send any specimens you get to me parcel post.

April 21, 1949

AIR MAIL

Dr. Adolph Hecht
Department of Botany
State College of Washington
Pullman, Washington

Dear Dr. Hecht:

my collector /
Concerning the possibility of collecting for you material of *Oenothera featherstonii* in Peru, I am sorry to report that ~~Michael Lester~~ is leaving my employ and sees no possibility of visting the type locality of this species in the near future. I hope that you may have more success via Dr. Ferreyra.

Sincerely yours,

THG:jd

COLLEGE OF SCIENCES AND ARTS
DEPARTMENT OF BOTANY

April 25, 1949

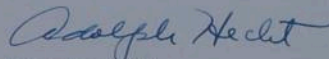
Dr. T. H. Goodspeed
University of California
Department of Botany
Berkeley 4, California

Dear Dr. Goodspeed:

Thank you very much for your letter of
April 21.

I wrote to Dr. Ferreyra last January 27,
but have not as yet heard from him. Perhaps
he is busy collecting at the present time, and
will have found some material for me by the end
of the season there.

Sincerely yours



Adolph Hecht
Associate Professor
of Botany

s

Berkeley 4, California
January 27, 1956

Dr. Adolph Hecht, Chairman
Dept. of Botany
State College of Washington
Pullman, Washington

Dear Dr. Hecht:

Mr. George S. Dehnel has asked me to write you concerning his candidacy for a position in your Department.

I have known Mr. Dehnel as a graduate student, teaching assistant and preparator in this Department and as an assistant in one of my research projects. He appeals to me as being exceptionally well equipped to make a distinct contribution to teaching and research in his chosen field. His fundamental training is more than adequate, he has more than average ability to think independently, is aggressive intellectually and is hard working and conscientious. His personality is decidedly pleasing and he cooperates well with his associates.

Trusting that I have made clear the high regard in which I hold Mr. Dehnel and with best wishes,

Cordially,

Professor of Botany, Emeritus
Director of the Botanical
Garden, Emeritus

THG:T

COLLEGE OF SCIENCES AND ARTS
DEPARTMENT OF BOTANY

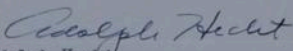
January 31, 1956

Dr. T. H. Goodspeed
Director of the Botanical Garden
University of California
Berkeley 4, California

Dear Dr. Goodspeed:

Thank you very much for your recommendation of
Mr. George S. Dehnel for the position we shall have
open this coming academic year.

Sincerely yours,


Adolph Hecht,
Chairman

AH/es

UNITED STATES DEPARTMENT OF AGRICULTURE
AGRICULTURAL RESEARCH SERVICE
FIELD CROPS RESEARCH BRANCH
BELTSVILLE, MARYLAND

May 16, 1956

Air Mail

Dr. T. H. Goodspeed
Dr. E. E. Clayton
Dr. F. A. Wolf

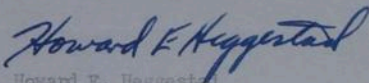
Re: Seed of Nicotiana species as requested by letter of May 2 from Dr. Arens, Chief, Research Division, N. V. Verenigde Deli-Maatschappijen, P. O. Box 117, Medan, Sumatra, Indonesia.

Gentlemen:

The letterhead shows that this same seed request was made to you. I just learned from Dr. Colwell, N. C. State College, that he wrote to Dr. Arens stating they were not sending seed but were referring the seed request to us in order to consolidate it. To further prevent duplication, I would be interested to learn of which species you plan to supply seed to Dr. Arens. I would appreciate it if you would check the attached list or otherwise indicate to me. We could supply seed of the species we checked on the list.

This appears to be an opportunity to get valuable additional information on the resistance of Nicotiana species and we expect to send seed unless we learn they have been or will be supplied by others.

Very truly yours,



Howard E. Heggestad
Senior Agronomist

HEH:sk
Enclosure

Berkeley 4, California
June 15, 1956

Dr. Howard E. Heggestad
U.S.D.A.
Agric. Research Service
Beltsville, Maryland

Re Seed of Nicotiana species
requested from Dr. Arens, Research
Division, N.V. Verenigde Deli-
Maatschappijen, Medan, Sumatra

Dear Dr. Heggestad:

I am returning the list attached to your letter of May 16
on which I have checked in red the species and varieties of
Nicotiana which I have sent to Dr. Arens.

Sincerely,

THG:T

Afd.: AGR. DEPT.

- To: Tobacco Branch, Bureau of Plant Industry,
Soils and Agricultural Engineering
Beltsville, Md. U.S.A.
- Dr. Th.H. Goodspeed, Botanical Garden,
University of California, Berkeley
Cal. U.S.A.
- Dr. L. Colwell, Tobacco Division, North
Carolina State College, Raleigh
N.C. U.S.A.
- Dr. E.E. Clayton, Research Dept. American
Sumatra Tobacco Corp. Tallahassee,
Fla U.S.A.
- Dr. F.A. Wolf, Botany Dept., Duke University,
Durham, N.C. U.S.A.
- The Director, Royal Botanic Gardens, Kew,
England.
- The Director of the New York Botanical
Garden, New York NY. U.S.A.
- Instituto de Botanica (Herbario Vargas),
Universidad Nacional, Cuzco,
Peru (S. America)
- Museo Nacional, Divisão de Botanica, Rio
de Janeiro, Brazil.
- Le Directeur de la Laboratoire de Phanérogamie,
Musée d'Histoire Naturelle
Paris VI, France.
- Instituto Scientifico Sperimentale per
I Tabacchi, Via Nazionale 66,
Roma, Italia.
- Instituto del Biologia del Tabaco,
Sevilla, Spain.

RE: SEED OF NICOTIANA SPECIES

In our breeding program for disease resistance in Deli (Sumatra) tobacco we would like to test and include a number of Nicotiana species. We were informed that in your station a seed collection is maintained of various species and varieties. If part of your collection is available for distribution, we would be very pleased to receive some seed, enough for about 500 plants, of the species and varieties listed below. Probably not all of them are present in your collection; even if only some are present, we will be grateful to receive them.

These Nicotianas will be tested for resistance against the following diseases: slime disease (*Pseudomonas solanacearum*), pseudo-mosaic disease (a virus disease conveyed by the white fly, *Benisia* ssp., and definitely distinct from the common mosaic) and frog eye disease (*Cercospora nicotianae*), these three being of most economic importance to our Deli Tobacco.

In the list below we follow Goodspeed's species annotation. The species we like to include are the following:

Of the subgenus Rustica:

- N. Glauca var. *decurrens*
grandiflora
lateritia
- ✓ N. *paniculata*
N. *solanifolia*
✓ N. *benavidesii*
✓ N. *cordifolia*
N. *raimondii*

N. thyrsiflora
N. rustica var. pavonii ✓
 pumila
 brasilia

Of the subgenus Tabacum the following species and varieties:

N. tomentosa var. tomentosa
 tomentosiformis
 leguiana
✓ N. otophora
N. setchellii
✓ N. glutinosa
✓ N. tabacum var. attenuata
 macrophylla *purpurea*
 angustifolia

Of the subgenus Petunioides:

✓ N. undulata
✓ N. arentsii
N. wigandioides
✓ N. palmeri
N. sylvestris
✓ N. langsdorffii
N. alata var. persica
 grandiflora
✓ N. forgetiana
✓ N. longiflora
✓ N. plumbaginifolia
N. stocktonii
✓ N. nesophila
N. noctiflora var. noctiflora
 albiflora

N. petunioides
N. acaulis
N. ameghinoi
N. acuminata var. acuminata
 multiflora
 compacta

N. pauciflora
✓ N. attenuata
N. longibracteata
N. miersii var. miersii
 lychnoides
✓ N. corymbosa var. corymbosa
 australis
✓ N. linearis
N. spegazzinii
N. bigelovii var. bigelovii
 wallacei
 quadrivalvis
 multivalvis
✓ N. nudicaulis
N. suaveolens
✓ N. maritima
N. velutina
✓ N. gossei
N. excelsior
✓ N. megalosiphon
✓ N. exiqa
N. goodspeedii
N. ingulba
N. stenocarpa
✓ N. occidentalis
N. rotundifolia
✓ N. benthamiana
N. fragrans var. fragrans
 fatuhivensis.

For your information we add that the following species and varieties already have been tested for resistance against slime disease:

N. alata var. *affinis*; *N. bigelovii* var. *quadrivalvis*; *N. bonariensis*; *N. clevelandii*; *N. debneyi*; *N. glauca* various var; *N. glutinosa*; *N. knightiana*; *N. rustica* various varieties; *N. repanda*; *N. Sanderae* = *forgetiana* x *alata*; *N. suaveolens*; *N. sylvestris*; *N. trigonophylla*; *N. tomentosiformis* var. *colossea*; *N. tabacum*: a great number of commercial varieties including Oxford 26, T2-448A, Golden wilt, Dixie bright nos 27, 101 and 102, Wilt resistant Xanthi no. 79 and others.

None of these species or varieties showed in recent experiments any resistance or even tolerance to our slime disease. Though heavily infested itself, our Deli strains showed comparatively the best tolerance.

Though the outlook for finding resistance outside the species *tabacum* does not seem very hopeful, we may not loose any chance and it is for this reason that we ask your cooperation. If you have any recent published information available, regarding the resistance of *Nicotiana* species or varieties to any of the above mentioned diseases, we will be very pleased to receive it.

Hoping to hear from you in some future, we remain,

Very respectfully yours,
RESEARCH DIVISION N.V. VERENIGDE DELI -
MAATSCHAPPIJEN, MEDAN, SUMATRA, INDONESIA,

P. Arens

(Dr. P.L. Arens, Chief).

A. S. Heiba-
Cotton Research Board,
Giza - Egypt.

June 18, 1950

Dr. T. H. Goodspeed,
Professor of Botany and director of
the botanical garden,
University of California,
Berkeley, California,
U. S. A.

Say not to him

Dear Dr. Goodspeed,

I would like to introduce myself; Dr. A. S. Heiba -
cytogeneticist at the Cotton Research Board at Giza - Egypt,
and lecturer at the faculty of science. I have finished my
undergraduate training in Egypt, my graduate work at Iowa State
college for the M.Sc. and Texas for the Ph. D. I am a member of
the Botanical Socy. of Amer., A.A.A.S., Amer. Soci. of agron. I
published few elementary work in Science and stain technology.

I am very interested in cytology and cytogenetics
and wish to advance in my study and research and keep my know-
ledge up to date.

I wonder if, I can get a teaching job or scholarship
at your dept, or other academic institution you recommend so as
to fulfil my hopes. I am ready to teach cytology, cytogenetics,
and genetics beside carrying on research work.

please if you need anything from Egypt, you'll find
me at your disposal,

Thanking you very much,

Yours truly,

A. S. Heiba

A. S. Heiba

July 26, 1950
Berkeley 4, California

Dr. A. S. Heiba
Cotton Research Board
Giza, Egypt

Dear Dr. Heiba:

Your letter of June 18 addressed to Dr. Goodspeed arrived shortly before his departure to attend the Seventh International Botanical Congress in Stockholm.

Dr. Goodspeed has asked me to tell you that there is at present no teaching position open in your field at this University.

With best wishes,

Sincerely yours,

Secretary

WALTER S. HELLER
MILLS TOWER
SAN FRANCISCO

February 20, 1948

Professor T. Harper Goodspeed
Horticultural Department
University of California
Berkeley, California

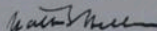
Dear Dr. Goodspeed:

It was very good to hear from you after all these years. I was very much interested in the literature you sent me. We are just planning a place over in Marin Manor and it is my hope to do a little experimenting on my own with organic gardening.

My daughter's father-in-law, James L. Beebe, 433 South Spring Street, Los Angeles, is tremendously interested in azaleas. Several years ago he sold his house in San Marino and bought a place in Pasadena. In the back of it he has about an acre which is highly cultivated, mostly in azaleas and camellias. When I was down there about a month ago, on one camellia bush I counted two hundred blossoms. Anything you can send him on these and azaleas he will very much appreciate.

Thanking you, and with kindest personal regards, I am

Sincerely,



WSH:C

4
before looking at it - US & Russia -
needed overall picture of
comm's proposals forward us.
This ~~is~~ document to
show us ^{clearly} to have overall
picture of what Communists proposed

WALTER S. HELLER
MILLS TOWER
SAN FRANCISCO

August 21, 1952

Dr. T. Harper Goodspeed
2079 Life Sciences Building
University of California
Berkeley 4, California

Dear Dr. Goodspeed:

I enjoyed the two books you sent me tremendously. I got a copy of "Plant Magic" at Holmes Book Store. It is exceedingly interesting - also helpful. You probably came across an error in the paragraph at the top of page #101. It should be "inversely to the square of the distance".

"Plant Hunters in the Andes" is awfully well done and the photographs are out of this world. Did you bring back any of the begonia octopetala? I wonder how they propagate it. You mentioned in your book Lake Llanquihué. We went from Valparaiso to Vina del Mar, then down to Santiago and then to Puerto Varas. We went to the Island of Tenglo. We took two days to cross the lakes, the first day to Puella and the next day to Llao Llao. We were exceedingly fortunate so far as the weather was concerned. I was able to get some good photographs. I am enclosing some slides of Osorno and Puntagudo. After we got to Llao Llao we went up in the mountains to St. Martin de los Andes on a fishing trip. It is about 2,500 feet high. We met a man named Dawson who settled there from Australia some fifty years ago and married a Spanish woman. They have a family of five, and own the Hotel de los Andes but do not operate it. They have their own private home with half vegetable and orchard and the other half flowers. The slide of the Godetias was taken there. The slides of the Bougainvillea and the Oleanders were taken just outside of Lima. I am also enclosing a slide of some purple flowers which we saw along the roadside between Rio and Petropolous. I wonder what they are? I think the most beautiful vegetation I saw on the whole South American trip was a shrub, probably some ten feet high, which covered the mountainside between Sao Paulo and Santos. Each shrub had hundreds of different colored flowers - purple, light purple, pinkish purple and white - very similar to, but much larger than, what we call "Yesterday, Today and Tomorrow". It seems that it blooms for five weeks beginning around the middle of February and going almost all through March. When we left Sao Paulo for Rio, for at least half an hour we just went over a purple carpet. Any information on the subject would be very much appreciated.

I am also sending you two enlargements which I made in the Botannical Gardens in Rio. At your convenience will you please return the slides and the pictures.

Thanking you again, and with kindest regards, I am

Sincerely,

Walter J. Miller

WSH:C

Berkeley 4, California
August 29, 1952

Mr. Walter S. Heller
Mills Tower
San Francisco, California

Dear Mr. Heller:

Thank you for your letter of the 21st and the opportunity to see the fine kodachromes you enclosed and which I am returning herewith. You certainly kept the palms in the Rio Botanical Garden a lot straighter than I was able to keep them! I have never had more than a few hours at a time in that remarkable Garden and hope ~~some~~ day to be able to study it in detail. I am sorry that offhand I cannot identify the flowering shrub you photographed but ~~should~~ be able to get a determination from some of my Brazilian colleagues.

The views of the "Switzerland of South America" are very nostalgic and tantalizing. There is no area in either America which is more promising and important botanically than southern Chile from Concepcion to Chiloe, especially on the coast but also in the Cordillera. The vegetation of much of this area is practically unknown and the relatively short periods over the past 17 years during which we have been able to collect there have yielded much valuable information on plant distribution and a number of new species. As a potential source of new or little known ornamentals, especially perennials, for the Bay Region and farther north it is unique. I hope that it may be possible, sometime in the ~~near~~ future, to finance a plant hunting expedition which will be able to operate exclusively in that area.

Would you or any of your friends care to grow some of the attractive south Chilean ornamentals? I am thinking particularly of *Lapageria rosea*, El Copihue, the Chilean national flower, an attractive red-flowered climber that does well in Berkeley on oaks and redwoods. In this Botanical Garden we have a number of surplus plants in gallon cans which should flower in a year or two. I am enclosing a poor indication of what the flower can be.

With best wishes

Cordially,

THG:T

WALTER S. HELLER
MILLS TOWER
SAN FRANCISCO

September 2, 1952

Dr. T. Harper Goodspeed
University of California
Berkeley 4, California

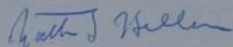
Dear Dr. Goodspeed:

Thank you for your letter of August 29th. I would very much appreciate it if I could get six of the gallon cans of *Lapageria rosea*. I have quite a few oak trees at our place in San Rafael and I know that these vines would be highly decorative. A friend of mine, Stillman Drake - whom I believe you know, told me he would be very glad to pick them up for me on a Sunday if you would give instructions to your gardener who is there at that time.

Have you been able to raise *Jacarandas* in Berkeley? I know that quite a few have attempted it in San Rafael but the results have not been good. They seem to do very well from Santa Barbara southward, and the public parks in Buenos Aires where the weather gets quite cold in July and August are abundant with them.

Thank you for your kindness. With kindest personal regards, I am

Sincerely,



WSH:C

WALTER S. HELLER
HILLS TOWER
SAN FRANCISCO

September 15, 1952

Professor T. Harper Goodspeed
2079 Life Sciences Building
University of California
Berkeley 4, California

Dear Dr. Goodspeed:

I want to thank you ever so much for giving me those *Lapageria Rosea*. I kept five for myself and gave one to my partner who has some beautiful oaks on his piece in Atherton. Is this what they call Chilean honeysuckle? A friend of mine who came to the house the other afternoon said he thought that's what it was. I did see some kind of flower in Vina del Mar which encircled trees and which looked very much the same.

I don't want to impose on you but if you ever have a surplus of *Meta Sequoia* (Dawn Redwood) would you save me a few specimens.

I would like to ask you a question. I was fairly convinced that temperature was a very important factor in the development of a plant. I am now convinced that a more important factor is the amount of sunlight and darkness. In and around Lima you can see corn growing in almost any stage - one inch above the ground, green corn with high stalks, and corn which is turning brown. As a matter of fact the difference in temperature is 90° in February and 40° in August, I believe, but it is so near the equator that they get practically twelve hours of light and twelve darkness, and when you figure that we put our corn in along in April and harvest it in October, probably the average is twelve hours of daylight and twelve of darkness.

Thank you again, and with kindest regards, I am

Sincerely,

Walter S. Heller

WSH:

Berkeley 4, California
October 15, 1952

Mr. Walter S. Heller
Mills Tower
San Francisco
California

Dear Mr. Heller:

Thank you for your letter of September 16 which I regret has remained unacknowledged due to a number of absences from Berkeley.

I hope that the Lapagerias do well for you. Within a year or two we should have a number of the more beautiful horticultural varieties which have been produced in Chile and at that time will be glad to share with you should you still be interested.

I am quite sure that Lapageria is not called "Chilean honeysuckle." The plant is the Chilean national flower called "El Copihue" and its flowers are large, trumpet-shaped and could not be mistaken for a honeysuckle flower. Your plants will probably have rather dark maroon flowers but the horticultural varieties are white, pink and spotted, many of greatly increased size.

We have a residue of *Metasequoia* and will be glad to share with you whenever you wish to receive them.

I believe that you are correct in assigning significance to the light factor in plant growth. Of course the Lima environment is a rather remarkable one. In the first place it is almost tropical and when water is supplied many species can be started at almost any season of the year and thus fruiting specimens are available correspondingly. The only disturbing factor on the Peruvian coast is the rather long "winter" when the heavy fogs lie low over the countryside at times obscuring the sun completely for periods of up to two weeks. Certain species are seriously affected by the lack of light and often extreme atmospheric humidity.

With best wishes

Cordially,

THG:T

WALTER S. HELLER
MILLS TOWER
SAN FRANCISCO

*to be called for
10/25/52*

October 16, 1952

Professor T. H. Goodspeed
Botanical Gardens
University of California
Berkeley 4, California

Dear Dr. Goodspeed:

Thank you for your letter of October 15. With reference to the *Lapageria rosea*, I think I have picked out a very good spot for them and they should do well. You are quite correct - they are not called Chilean honeysuckle but are known as Chile Bells.

I would very much appreciate it if I could have two fairly well developed *Metasequias* and also two small ones which I would like to keep small. Stillman Drake from my office said he would be kind enough to pick them up. If you will tell the caretaker about them, he will probably do it this Saturday.

With reference to fog off the Peruvian Coast, we were there in February and we were over four hours late in docking at Callao. It reminded me of the Marin shore line - much the same kind of country covered with a blanket of fog. Of course many flowers do exceedingly well in fog. Almost all of the large wholesale florists have their nurseries in the vicinity of Half Moon Bay. Of course the sun penetrates through the fog. I didn't believe that until one time when I was spending a day on the beach and thought I wouldn't get any sunburn. I surely did.

Thanking you, and with kindest regards, I am

Sincerely,

WSH:C

Walter S. Heller