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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.

LAND AUTHORITY OF PUERTO RICO  
SANTURCE, P. R.

Address all Official Communications  
to the  
EXECUTIVE DIRECTOR

January 27, 1954

*Maturacion  
Spp. Orizma  
Sept 2/9*

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

Dear Professor Goodspeed:

This is to inform you about my definite return to this Island, after eight years of traveling and in the service of several latin-american countries.

Since I have not received reprints of your publications in the last four years, I shall appreciate having copies of those related to your taxonomic studies on Nicotiana and your travels south of the Rio Grande. I have your former publications, - one of which is your excellent Historia de la Botanica, published in Buenos Aires- all of which are bound up in my private library. I believe that now, a second bound volume of your interesting papers is in order.

Did you receive a copy of my booklet on Boussingault, published in Ciudad Trujillo?

Yours sincerely,

*Carlos E. Chardon*  
CARLOS E. CHARDON  
Agricultural Consultant

/ast

Office Business Mgr.  
Univ. of Chicago  
Chicago, Illinois

2079 Life Sciences Bldg  
Univ. of California  
Berkeley 4  
April 11/52

Dear Sirs:- On March 21 I telegraphed you that my  
mother, Mrs. Horace M. Goodspeed, who had long received  
a monthly annuity from the Univ. of Chicago, had died on  
March 20<sup>th</sup>.

I assumed that this notification would permit  
provision to March 20<sup>th</sup>, if such is your policy, of the  
check for \$97.70 which would represent the normal  
amount of payment for the month of March.

From the American Trust Co, Berkeley, Calif. I  
have now received check in my mother's name, dated  
March 31<sup>st</sup>, for \$97.70.

Kindly inform me whether I shall, as executor  
of my mother's estate, deposit this check to the estate  
account or return it to you for correction.

Sincerely,  
F. H. Goodspeed

ALLEN L. CHICKERING  
WALTER C. FOX, JR.  
DONALD M. GREGORY  
VINCENT I. COMPAGNO  
FREDERICK M. FISK  
ALLEN L. CHICKERING, JR.  
W. BURLEIGH PATTEE  
SHERMAN CHICKERING

LAW OFFICES OF  
CHICKERING & GREGORY  
ONE ELEVEN SUTTER STREET  
SAN FRANCISCO 4

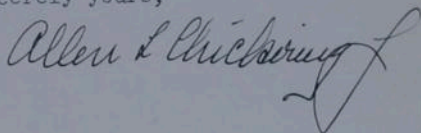
CODE ADDRESS  
"CHICGREG"

April 7, 1949

Dear Dr. Goodspeed,

The beautiful Camellias, which you sent my father, arrived in his absence in Honolulu. I have taken the liberty of taking them down to my wife, who is very much interested in gardening and flowers, and will report to my mother and father your generosity on their return.

Very sincerely yours,



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

Berkeley 4, California  
February 9, 1956

Dr. Jane L. Chidsey, Chairman  
Dept. of Biology  
Wheaton College  
Norton, Mass.

*This position, I understand, involves  
teaching of some work of  
some of the plant families  
in general botany.*

Dear Dr. Chidsey:

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

*historical &  
cognitive*

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 aggres-  
sive intellectually and is hard working and conscientious.  
His personality is decidedly pleasing, and he cooperates well  
with his associates.

*believing that his*

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

*to make  
a list of  
with your  
reference*

Cordially,

*Blair  
anatomy-morphology*

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

THG:T

# VIII<sup>e</sup> CONGRÈS INTERNATIONAL DE BOTANIQUE

PARIS 2-14 JUILLET 1954

Paris, le 17 juin 1954

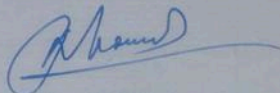
Monsieur le Prof. T.H. GOODSREAD

Monsieur et Cher Collègue,

Selon l'usage, le Comité Exécutif du 8<sup>e</sup> Congrès International de Botanique à Paris a été heureux de vous décerner à nouveau le titre de "Président d'Honneur du Congrès International de Botanique", qui vous avait déjà été attribué au 7<sup>e</sup> Congrès à Stockholm.

Je suis chargé par le Comité Exécutif de vous en avertir officiellement. Comme nous n'avons pas reçu d'adhésion de vous au Congrès, j'ai aussi le mandat de vous prier très instamment de bien vouloir prendre part au Congrès, où nous serions si heureux de vous accueillir. Au cas cependant où votre présence au Congrès serait tout à fait impossible, nous vous serions reconnaissants de nous faire connaître vos vœux sur l'orientation des travaux du Congrès, qui va se tenir, comme vous le savez, à Paris du 2 au 14 juillet 1954, à l'occasion du centième anniversaire de la fondation de la Société Botanique de France.

Veuillez agréer, Monsieur et Cher Collègue, l'expression de mes sentiments les plus distingués et dévoués.



P. CHOUARD

Secrétaire Général

Secrétariat Général :

C. N. A. M.

292, Rue Saint-Martin

PARIS (3<sup>e</sup>)

Berkeley 4, California  
June 23, 1954

Monsieur P. Chouard  
Secretary General  
8th International Botanical Congress  
292 Rue Saint-Martin  
Paris, France

Dear Monsieur Chouard:

Kindly convey to the Executive Committee of the 8th International Botanical Congress my appreciation of the honor shown me in naming me an Honorary President of the Congress.

I regret that it will not be possible for me to have the pleasure of attendance and participation in the Congress in Paris next month but wish to take this opportunity to express to you and to the Executive Committee my best wishes for the success of the Congress.

Sincerely,

T G:T

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

The Chronica Botanica Co.  
P.O.Box 151  
Waltham 54, Massachusetts

Dear Sirs:

Kindly send me three copies of my Nicotiana  
volume and bill me with author's discount.

Sincerely,

THG:T

June 12, 1953

Mrs. Elsie W. Cisler  
1777 Morena Blvd.  
San Diego 10, California

Dear Mrs. Cisler:

A new unit in this Botanical Garden is under development where native California species of some particular research or other interest will be grown.

We are interested in obtaining seed of such species of California Liliaceae as you can supply. This seed must be of this years crop and sent to us as soon as collected or not more than one month after collection.

In order to order this seed through the Purchasing Department of this University I require either a list of the species you can supply or the total number of species. I will also require the price per packet of seed.

May I hear from you at your early convenience.

Sincerely,

THG:T

T.H. Goodspeed  
Professor of Botany  
Director, Botanical Garden

Mrs Elsie W. Coker, 1777 Morena Blvd., San Diego 10, Calif

Seed of all her Siliaceae - must be this year's crop of seed.  
if sent as soon as picked - no more than  
3 months at outside  
As nearly as can tell  
from her letter @ 50¢ tr. packet

2079 Life Sciences Bldg.  
University of California  
Berkeley 4, California  
November 10, 1953

Mrs. Elsie Cisler  
1777 Morena Blvd.  
San Diego 10, California

Dear Mrs. Cisler:

Following receipt of your letter and your recent seed list I am today sending a requisition through the Purchasing Department of the University for seed to be grown in this Botanical Garden.

Please send 1953 seed if it has become available; otherwise send the most recent seed available.

Of items available from different localities we would prefer the following:

- Allium praecox from vicinity of San Diego
- Mulla serotina either from Thomas Mt. or Sentenac Canyon
- Eloomeria crocea from locality nearest type locality,  
(“Mountain east of San Diego”)
- Calochortus weedii  $\frac{1}{4}$  ounce from locality nearest San Diego  
 $\frac{1}{4}$  ounce from any other locality  
(If not available from the two localities send  
 $\frac{1}{2}$  ounce from either.)
- Calochortus kennedyi  $\frac{1}{4}$  ounce from Joshua tree area  
 $\frac{1}{4}$  ounce from near Benson  
(If not available from the two localities send  
 $\frac{1}{2}$  ounce from either.)
- Calochortus splendens  $\frac{1}{2}$  ounce from any single (unmixed) locality

We expect to order seed of a number of species of Lilium when you have fresh seed available.

Thanks for the interesting comments in your letter and with best wishes,

Sincerely,

T&G:T

Liliaceae

In addition to being annotated,  
we cannot use any scale-propagated  
material because we must have  
the natural variation and we  
cannot risk introducing disease.

We need, to make a minimum planting  
which will be enough to look like  
anything and enough not to fade out  
thru natural causes:

400 pieces of the bog lilies,  
which could go in this year

- *Lilium parvum*
- ✓ *Lilium roezlii*
- \* *Lilium parryi*
- ✓ *Lilium maritimum* (200)
- *Lilium occidentale*
- ✓ *Lilium pardalinum*

800 pieces of the lilies of drier slopes  
after the hills, so weed-killed

- Lilium kelloggii*
- Lilium bolanderi*
- Lilium washingtonianum*
- Lilium rubescens*
- Lilium humboldtii*
- 8,000 pieces of *Calochortus* spp + 50 *Hesperocallis*
- 8,000 " " *Fritillaria* spp *undulata*

We planned to plant this year in flats  
what seed we have of;

*Selium bolanderi*  
*halloggi*  
*maritimum* - 3 boxes  
*pardalinum*  
*roezlii*  
*rubescens*  
*washingtonianum*

*Calochortus albus*  
*concolor* \*  
*kennedyi* \*  
*leichtlinii*  
*luteus*  
*luteus* var. *vestae*  
*nuttallii* var. *australis* \*  
*pulchellus*  
*venustus*  
*weedii* \*

\* *Dummi*  
\* *3/4*

*Fritillaria lanceolata*  
*recurva*

*Hesperocallis undulata* \*

\* Trade packets to  
be ordered for Mrs. Calver

Liliaceae which we would like to order from Mrs. Cisler's list:  
(Mrs. Elese Cisler  
1777 Morena Blvd.  
San Diego 10, Calif.)

See her letter of Aug. 12, 1952 with attached list

Trade packets of seed of

- / Hesperocallis undulata 1952
- / Allium praecox 1949 unless 1953 available, from vicinity of  
of San Diego
- ~~Mulla-maritima 1950~~
- / Mulla serotina 1950, Thomas Mt. or Sentenac Canyon
- / Bloomeria crocea 1950 <sup>Preferably from locality nearest the type loc ("summit</sup>  
~~by one of the localities~~ <sup>of the mountains east</sup>  
<sup>of San Diego)</sup>
- / Bloomeria clevelandii If available 1953
- / Brodiaea orcuttii If available
- ~~Brodiaea sp. from Kramer Hills, 1952~~
- ~~Brodiaea jolonensis If available~~
- <sup>1/2 g</sup> 2 Calochortus dunnii 1951
- <sup>1/2 g</sup> 2 Calochortus nuttallii var. australis
- <sup>1/2 g</sup> 2 Calochortus concolor 1951
- <sup>1/2 g</sup> 1 from each locality Calochortus weedii 2 or 3 localities if variation sufficient,  
but especially would like nearest locality  
to San Diego (the type locality)
- <sup>1/2 g</sup> 1 from each locality Calochortus kennedyi 1952 from Joshua Tree area and from near  
Benson
- <sup>1/2 g</sup> 2 Calochortus splendens if she has any not mixed as to locality  
On Lillium spp. we would prefer to wait until she has fresh seed.

UNIVERSITY OF CALIFORNIA MEDICAL CENTER  
LOS ANGELES 24, CALIFORNIA

SCHOOL OF MEDICINE  
DEPARTMENT OF PHYSIOLOGICAL CHEMISTRY

JANUARY 21, 1958

DR. T. H. GOODSPEED  
PROFESSOR OF BOTANY  
UNIVERSITY OF CALIFORNIA  
BERKELEY, CALIFORNIA

DEAR DOCTOR GOODSPEED:

I READ ABOUT YOUR COLLECTIONS FROM SOUTH AMERICAN IN THE UNIVERSITY OF CALIFORNIA CLIP SHEET TODAY AND AM WRITING TO ASK IF IT WOULD BE POSSIBLE FOR YOU TO TELL ME IF ANY OF THE SPECIMENS, PARTICULARLY IF NEW OR FROM NEW AREAS, COULD BE CLASSIFIED FROM THEIR NATIVE USE AS MEDICINAL HERBS "HALLUCINOGENIC" OR PSYCHOACTIVE, SUCH AS PEYOTE, OLOLUIQUE, CAHIBA SNUFF, AND THE LIKE? A GROUP OF US HERE IN CHEMISTRY, PHARMACOLOGY AND PSYCHIATRY ARE VERY MUCH INTERESTED IN THIS FIELD, PARTICULARLY ANY PURPORTED PSYCHOACTIVE HERBS HITHERTO UNINVESTIGATED.

ANY INFORMATION YOU CAN GIVE US WILL BE DEEPLY APPRECIATED.

VERY SINCERELY YOURS,



WILLIAM G. CLARK  
CHIEF, PHARMACOLOGY &  
PHYSIOLOGY SECTION, VA &  
ASSOC. CLIN. PROF., UCLA  
MEDICAL CENTER

WGC/BS

All material + information  
has been given to Dr.  
Sermot Taylor, UCLA  
Medical Center.

Only one collection of this sort —  
a member of the family  
Balanophoraceae purchased  
in the market of Chiclayo

January 31, 1958

Mr. William G. Clark  
Chief, Pharmacology and Physiology Section VA  
Associate Clin. Prof.  
Medical Center  
UCLA, Los Angeles 24

Dear Mr. Clark:

Dr. Goodspeed to whom you addressed your letter of  
January 21 has not yet returned from South America.

In response to your request I would refer you to  
Dr. Dermot Taylor of the UCLA Medical Center, to whom have  
been sent all material and information concerning the few  
collections which were made in Peru in your field of  
interest.

Sincerely yours,

Taylorville Calif.

July-23-

University of California;

Botanical Gardens.

Berkeley-Calif

Dear Sirs,

Please tell me what  
inclosed weed is? Thanks - It  
seems to stay nice & green - is in  
lawn - mowing doesn't seem to  
hurt it flat - does grow high where  
not mowed -

I have a Hickory nut trees  
around 50 yrs old - each year  
loaded with nuts good size but  
no meats - What could be trouble

Will you give all  
information on a split leaf  
Philadendrum - This plant has  
grown just one 6 or 7 ft stem  
not many leaves split - can  
it be cut back & how far?  
when potted what kind of soil?

My Hollibokes leaves get  
brown specks turn yellow  
and fall of what causes  
this?

I thank you

Mrs Ruth Blary  
Taylorville  
Plumas Co  
California

in leaf mold, send  
old cow manure  
1/3 each

2089 Life Sciences Bldg.  
University of California  
Berkeley 4, California  
July 30, 1957

Mrs. Ruth Clary  
Taylorsville  
Plumas Co., California

Dear Mrs. Clary:

Concerning the four questions in your letter of July 23rd:

- 1) The specimen enclosed has been turned over to the Herbarium of this University for identification; you will hear from them directly.
- 2) It seems probable that failure of your hickory tree to set fruit is due to lack of pollination.
- 3) Your split-leaf Philadendron may safely be cut back as far as you wish. It would seem preferable to cut back to two or three leaves and repot in a mixture of 1/3 leaf mold, 1/3 sand and 1/3 cow manure (old). The portion cut off can be rooted in sand, or cut into sections and each so rooted, if you wish additional plants.
- 4) Your Hollyhock leaves are probably rust-infected, a condition often occurring in age in this plant. There is no treatment to recommend for this.

Sincerely,

January 23, 1924.

Dr. R. E. Clausen,  
Division of Genetics,  
Hilgard Hall.

Dear Roy:-

I have your letter of the 9th concerning the water situation at the tobacco field. I do not understand why I should handle the matter but since you apparently think this desirable I am signing the letter which you prepared. I will let you know as soon as I have any reaction from the Comptroller.

Yours very sincerely,

March 8, 1950.

Dr. T. H. Goodspeed,  
Dept. of Botany,  
LSB

Dear Dr. Goodspeed:

Dr. Olmo recently wrote out the following statement concerning the location at which he located *N. forgetiana*.

"I have gone through my notes to attempt to determine the exact location from which your collection of *forgetiana* was obtained. The few plants found, were growing on the property comprising the largest vineyard planting of the company "Granja União." The plants were found toward the summit of the highest hill in the vineyard, quite close to the roadway. These plants were more advanced and were the only ones I could obtain seed from. I later continued on the same road down toward the woodland. The larger trees were all *Araucaria*, or Brazilian pine, and it was near the borders of this forest area where I found additional plants, but they were just coming into flower. The small settlement of Flores da Cunha is well known and Love should have no difficulty in getting to the locality. I was told at the time by several people of the neighborhood, after I showed them the flowers of the *forgetiana*, that they had seen in past years even larger-flowered and more attractive plants. However, this might have been an upwelling of local pride in describing something bigger and better."

As I understand it from talking with someone from Porto Alegre, Flores da Cunha was named after a Brazilian military hero who later fell into disrepute and then another name was given to the village. He was not, however, able to tell me what the new name of the place was. As I understand it, it is located on the railroad which crosses Rio Grande do Sul from Porto Alegre over toward Misiones. When Olmo made the seed collections he also collected the plant and made a botanical specimen of it. This I turned over to Miss Wheeler but I don't know whether or not there is any additional information with it.

Very truly yours,

  
Roy E. Clausen  
Professor of Genetics

REC:w

F. M. M.

March 9-1950

Dear Harper:

Supplementary to my note today - if you are interested further in tobacco material from Rio Grande do Sul, I have a correspondent down there

Professor Alanich R. Shultz,  
Universidade do Rio Grande do Sul,  
Faculdade de Filosofia,  
Porto Alegre

who has sent me a lot of stuff through the intermediary of Olmo. Olmo had intended to look for additional material of *furciana* but he didn't bring any back. He did, however, send me a collection of wild *N. alata*, obtained through Shultz; at the present time I am growing a number of ~~collections~~ other collections from Shultz, some of which I think are *alata*, but longi flora also occurs down there, and *plumbaginea folia* ~~also~~ probably. Shultz sent me some herbarium specimens of the plants from which he collected seeds, but they were pretty rough specimens.

At your service,  
F. M. M.

October 30, 1950

Dr. R. E. Clausen  
Division of Genetics  
Campus

Dear Roy:

I understand that you are interested in securing seed of Nicotiana noctiflora, N. petunioides and N. thyrsoiflora. Unfortunately we have despite our best efforts been unable to keep the latter two species going.

Enclosed is seed of N. noctiflora (M-105) <sup>originally</sup> received from Salta, Argentina.

Sincerely,

THG:T

November 3, 1950

Dr. R. E. Clausen  
Division of Genetics

Dear Roy:

A copy of the classification of interspecific hybrids involving N. tabacum used in your Genetics seminar has found its way to me.

Of the diploid hybrids listed on the two pages there are three for which so far as I know extent and quality of pairing has not been reported: N. tabacum x N. langsdorffii, x N. plumbaginifolia, x N. pauciflora. On the list there are six (not including some reciprocals) the pairing of which has been reported by others but concerning which I have insufficient data or none at all: N. tabacum x N. alata, x N. longiflora, x N. scuminata, x N. suaveolens; N. nudicaulis x N. tabacum; debneyi x N. tabacum; N. sylvestris x N. tomentosiformis.

I would like to be able to add your analyses of MI in these hybrids to the tables I am publishing in my "monograph". They would be referred to "Clausen unpubl." unless you are publishing them within the year which will elapse before my book appears. Perhaps you would prefer otherwise and if so I know you will say so frankly.

You might be interested to know that your report of low synapctic association in diploid hybrids corresponds to my range of zero to 4 (mode 2) in syvestris x N. glutinosa and zero to 7 (mode 3) in the next three hybrids. As you know there is a considerable series of diploid hybrids in which the mode is zero and the range zero to 4. The former I am calling "low variable", the latter "minimum".

I would be interested to know whether "preferential pairing" is so effective that no multivalents are formed in your "amphiploid hybrids: regular synapctic association".

You certainly have an interesting set of hybrids involving N. tabacum and I wish that I might have had an opportunity to hear your comments upon their significance.

With best wishes

Cordially,

THG:T

## MEMORANDUM

To Dr. R. E. Clausen

Date 3/9/54

Division of Genetics

Dear Roy:

Our seed of the following has apparently lost its viability earlier than expected. Could you supply a small quantity in each case? N. forgetiana, N. langsdorffii, N. attenuata.

Many thanks.

Name of department

Campus

Signed

Tuesday, May 10 1935

Dear Harper:

Many, many thanks for your kindness in giving me a copy of your book - *The Genes of Nicotiana*. I have not had a chance to examine it thoroughly yet, but as far as I have gone it is excellent. Congratulations on a useful piece of work so beautifully done.

Sincerely,  
Ray

Berkeley 4, California  
June 29, 1949

Dr. E. E. Clayton  
Principal Pathologist  
Division of Tobacco  
United States Department of Agriculture  
Beltsville, Maryland

Dear Dr. Clayton:

Just received is a letter from Dr. Carlos Munoz copy of which is enclosed and is self-explanatory. We unfortunately have nothing of value to send him.

Dr. Munoz is an important member of the Chilean Ministry of Agriculture and an old friend of mine. I am sure that any assistance you can give him will be much appreciated.

I was told in Chile last fall that standard varieties of tobacco imported from elsewhere gradually lose their nicotine content. Various explanations are given locally, such as effects of aridity, high salt content of soils, or improper cultural conditions. Whether standard varieties grown elsewhere in the world for nicotine sulphate rather than smoking will be similarly affected remains to be seen.

With best wishes

Cordially yours,

THG:T  
cc to Dr. Munoz

*Clayton*

Interspecific Hybridization in Nicotiana - Tabacum Crosses

benavidesii	tabacum-benavidesii	
cordifolia		
knightiana		
paniculata	tabacum-paniculata	paniculata-tabacum
rainmondii		rainmondii-tabacum
solanifolia	tabacum-solanifolia	
glauca	tabacum-glauca	glauca-tabacum
rustica		rustica-tabacum
otophora	tabacum-otophora	
setchellii	tabacum-setchellii	
tomentosa	tabacum-tomentosa	tomentosa-tabacum
tomentosiformis	tabacum-tomentosiformis	tomentosiformis-tabacum
glutinosa	tabacum-glutinosa	glutinosa-tabacum
palmeri	tabacum-palmeri	
trigonophylla		
alata	tabacum-alata <i>no 9</i>	alata-tabacum <i>no 9</i>
bonariensis		
forgetiana		
langsdorffii	x tabacum-langsdorffii	
longiflora	tabacum-longiflora <i>no 9</i>	
plumbaginifolia	x tabacum-plumbaginifolia	
sylvestris	tabacum-sylvestris	sylvestris-tabacum
acuminata	tabacum-acuminata <i>no 9</i>	
corymbosa		
pauciflora	x tabacum-pauciflora	
bigelovii	tabacum-bigelovii	bigelovii-tabacum
clevelandii		
nudicaulis		nudicaulis-tabacum <i>no 9</i>
exigua		
maritima		
suaveolens	tabacum-suaveolens <i>no 9</i>	suaveolens-tabacum <i>no 9</i>
velutina		
debneyi		debneyi-tabacum <i>no 9</i>

UNIVERSITY OF CALIFORNIA  
Agriculture - Genetics 101

Interspecific hybridization in Nicotiana - relating to the tabacum problem

	Female		Male		Genomic Formula
	F	S	F	S	
1. Diploid hybrids: low synaptic association					
2n-sylvestris-glutinosa - 0-4 m <sup>1</sup>	x		x		S G
2n-sylvestris-otophora - 0-1	x		x		S T <sub>o</sub>
2n-sylvestris-setchellii - 0-1 m <sup>2</sup>	x		x		S T <sub>s</sub>
2n-sylvestris-tomentosa - 0-1 m <sup>3</sup>	x		x		S T
2n-sylvestris-tmn-Acomayo	x		x		S T <sub>a</sub>
2n-sylvestris-tomentosiformis n <sup>6</sup>	x		x		S T <sub>t</sub>
2. Diploid tabacum hybrids: approximate Drosera-type association, except *					
2n-sylvestris-tabacum	x		x		S S' T'
2n-glutinosa-tabacum*	x		x		S' T' G
2n-otophora-tabacum	x		x		S' T' T <sub>o</sub>
2n-setchellii-tabacum	x		x		S' T' T <sub>s</sub>
2n-tomentosa-tabacum	x		x		S' T' T
2n-tmn-Acomayo-tabacum	x		x		S' T' T <sub>a</sub>
2n-tomentosiformis-tabacum	x		x		S' T' T <sub>t</sub>
3. Amphidiploid hybrids: regular synaptic association - <i>no multivalents?</i>					
4n-sylvestris-glutinosa	x		x		S S G G
4n-sylvestris-otophora	x		x		S S T <sub>o</sub> T <sub>o</sub>
4n-sylvestris-setchellii	x		x		S S T <sub>s</sub> T <sub>s</sub>
4n-sylvestris-tomentosa	x		x		S S T T
4n-sylvestris-tmn-Acomayo	x		x		S S T <sub>a</sub> T <sub>a</sub>
4n-sylvestris-tomentosiformis	x		x		S S T <sub>t</sub> T <sub>t</sub>
4. Amphidiploid hybrids crossed with tabacum: approximately regular synaptic association, except*					
3n-sylvestris-glutinosa-tabacum*	x		x		S S' G T'
3n-sylvestris-otophora-tabacum	x		x		S S' T <sub>o</sub> T'
3n-sylvestris-setchellii-tabacum	x		x		S S' T <sub>s</sub> T'
3n-sylvestris-tomentosa-tabacum	x		x		S S' T T'
3n-sylvestris-tmn-Acomayo-tabacum	x		x		S S' T <sub>a</sub> T'
3n-sylvestris-tomentosiformis - " (?)	x		x		S S' T <sub>t</sub> T'
5. Sescuidiploid hybrids: mostly approximately 12 bivalents & 12 trivalents, but * approximately 24 bivalents & 12 univalents					
3n-sylvestris-tabacum-tabacum	x		x		S S' S' T' T' T'
3n-glutinosa-tabacum-tabacum*	x		x		S' S' T' T' G
3n-otophora-tabacum-tabacum	x		x		S' S' T' T' T <sub>o</sub>
3n-setchellii-tabacum-tabacum	x		x		S' S' T' T' T <sub>s</sub>
3n-tomentosa-tabacum-tabacum	x		x		S' S' T' T' T
3n-tmn-Acomayo-tabacum-tabacum	x		x		S' S' T' T' T <sub>a</sub>
3n-tomentosiformis-tabacum-tabacum	x		x		S' S' T' T' T <sub>t</sub>

*trigynous*

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE  
FIELD CROPS RESEARCH BRANCH  
Section of Tobacco, Medicinal and Special Crops  
Beltsville, Maryland

*Clade*

May 7, 1954

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

Dear Professor Goodspeed:

Enclosed is a copy of our letter to you written  
March 10, 1954. Since we have not heard from  
you we think it quite likely that this letter  
failed to reach you.

Sincerely yours,

*E. E. Clayton*  
E. E. Clayton  
Principal Pathologist

Enclosure

COPY

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH ~~ADMINISTRATIVE~~ Service  
~~AGRICULTURAL RESEARCH SERVICE~~  
~~AGRICULTURAL RESEARCH SERVICE~~  
Field Crops Research Branch

Section  
~~SECTION~~ OF TOBACCO, MEDICAL  
AND SPECIAL CROPS

PLANT INDUSTRY STATION  
BELTSVILLE, MD.

March 10, 1954

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

Dear Professor Goodspeed:

We are making an effort to complete our collection of *Nicotiana* species since we now have a new man, who will be working on the genus and will be able to take care of maintaining seed of the species. If you can supply us with a small amount of seed of any of the following it will be most appreciated:

- |                 |                   |
|-----------------|-------------------|
| 1. acaulis      | 7. longibracteata |
| 2. cordifolia ✓ | ✓ 8. petunioides  |
| 3. ameghinoi    | ✓ 9. spegazzinii  |
| 4. excelsior    | 10. stenocarpa    |
| 5. fragrans ✓   | 11. thyrsiflora   |
| 6. ingulba      |                   |

We have two seed lots carried here that are probably mislabeled. The names with them are *arigonophylla* and *megalospora*. Can you advise me as to whether these are synonyms used in connection with any valid species?

Sincerely yours,

E. E. Clayton  
Principal Pathologist

EECLAYTON:b

P. S. We would also like to have you send us a little seed of *N. linearis*.

2079 Life Sciences Building  
University of California  
Berkeley 4, California  
October 7, 1954

Dr. E. E. Clayton  
Section of Tobacco, Medicinal and Special Groups  
U. S. Dept. of Agriculture  
Beltsville, Maryland

Dear Dr. Clayton:

I should long since have acknowledged your letter of May 7 enclosing copy of an earlier letter requesting seed of certain species of Nicotiana.

Of the species you list we are able to supply only N. cordifolia, N. fragrans, N. petunioides and N. linearis (packets enclosed). N. ameghinoi, N. ingulba, N. longibracteata and N. stenocarpa we have never had in living condition -- they are known to us from herbarium material only. The remaining species you wish, N. acaulis, N. excelsior, N. spegazzinii and N. thyrsoflora, we have had but have not been able to maintain because in cultivation we have been unable to secure viable seed.

The "arigonophylla" you refer to is doubtless a typographical error for N. trigonophylla. The species designation "megalospora" is entirely unknown to me -- it perhaps suggests megalosiphon.

Sincerely,

THG:T

UNITED STATES DEPARTMENT OF AGRICULTURE  
AGRICULTURAL RESEARCH SERVICE  
FIELD CROPS RESEARCH BRANCH  
Tobacco and Special Crops Section  
Beltsville, Maryland

October 12, 1954

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

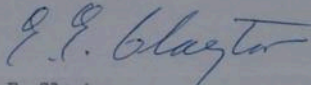
Dear Dr. Goodspeed:

It was, indeed, nice to hear from you, and do not feel that you need make any apology regarding the delay in sending the seed. I know just how busy you are and, as a matter of fact, the seed has arrived at a very opportune time, as we are now in the process of sowing many lots for use in our work during the fall and winter.

Thanks a lot, also, for your opinion regarding the several obscure names. These misprints get on packages and tend to be perpetuated.

With kind personal regards, I am

Sincerely yours,



E. E. Clayton  
Principal Pathologist

MG

My dear Mr. Goodspeed -

I have been reading "Plant  
Hunting in the Andes" with great  
enjoyment and have tried to  
buy a copy for my nephew. I find  
that it is out of print, but a  
more recent book of passage is  
available. Did the man inter-

free with the more extended book  
you promised in the "How, where  
& how" chapter in "Plant Hunting".  
My nephew is a mature man who  
has specialized in plant chemistry,  
and who is a naturalist by avocation.  
May I purchase the books thru the  
University and if so could you  
autograph them? It adds an  
interest.

Very sincerely yours

Wray Lyford Abbott

May 20<sup>th</sup>  
1947

May 25, 1949

Mrs. Percy W. Cobb  
Box 2444, Robyn Road  
Sappington, Missouri

Dear Mrs. Cobb:

In reply to your letter concerning "Plant Hunters in the Andes" I may say that the Dover Publications, Inc., 1780 Broadway, New York 19, has apparently bought all unsold copies from the publisher, and at one time offered it at \$2.50.

Sincerely yours,

THG:am

March 3, 1948

AIR MAIL

Dr. Francis J. Colligan  
Chief, Division of International Exchange of Persons  
Department of State  
1778 Pennsylvania Avenue  
Washington, D.C.

Dear Dr. Colligan:

At the suggestion of my friend Dr. Eric C. Bellquist, I am taking the liberty of bringing the following matter to your attention.

During the past two years a number of Spanish scientists have carried on research at this University under subvention from their government. In 1947 one of them, Dr. Luis Recalde M., Profesor Adjunto De Farmacognosia de la Universidad de Madrid, worked in my laboratory for six months. At the request of the Consejo Superior de Investigaciones Cientificas in Madrid, he discussed informally with me the possibility of my lecturing and giving technical advice on botanical topics under the auspices of the Consejo.

I have now received an invitation from Dr. José María Albareda, Secretary of the Consejo, to spend some months in Spain, preferably during the coming winter. My living expenses and the cost of the return journey would be paid, and I would receive a salary as visiting professor. Because of what Dr. Albareda refers to as "complete lack of dollars", I would pay my transportation to Spain.

Undoubtedly I could be of considerable service to Spanish botanists who have recently begun research in fields with which I have been concerned for many years. Presumably the lectures on the improvement of crop plants and related topics which I gave in Spanish in Lima, Santiago, Buenos Aires, and Montevideo in 1942-43 for the Committee for Inter-American Artistic and Intellectual Relations of the Coordinator of Inter-American Affairs, and in Bogota, Medellin and Cali in 1946 at the invitation of the Colombian government would serve as a background for lectures which would be acceptable in Spain. The motion picture film in natural color of my South American botanical expedition, of botanical gardens in this country, and of our national parks, with which I have lectured many times in South America, might also be appropriate.

Recently I have received a grant from the Rockefeller Foundation to assist in financing publication of the results of my botanical explorations in the Andes which began in 1935. In preparing the material for publication, it would be of great importance to have an opportunity to study in Spanish herbaria and libraries which contain the original collections and descriptions largely unavailable elsewhere of the floras of South America.

In other words, in favor primarily of assisting my Spanish colleagues but also of advancing my own research projects, I would be inclined to accept the Consejo's invitation. I feel confident that this University will grant the necessary leave of absence (without salary) to permit me to do so.

However, before permitting the matter to develop further I would appreciate your opinion on the following points: First, would or would not your Division be likely to look with favor upon the proposal, for example in terms of recommending the granting of visas for myself and my wife, and of accrediting me to American missions in Spain? Second, and in case the decision was favorable, would there be a possibility of securing funds from government sources to pay my transportation to Spain?

Should you be in touch with Mr. Herschel Brickell, please give him my greetings and best wishes. I shall always remember his kindness and cooperation when I was first in Bogota in 1942. In subsequent visits to Colombia I have had abundant evidence of how successfully he carried out his mission there, and I hope that his health is much improved.

Sincerely yours,

T. H. Goodspeed (signed)

North Carolina State College of Agriculture and Engineering  
of the  
University of North Carolina  
Raleigh

SCHOOL OF  
AGRICULTURE AND FORESTRY  
RESEARCH EXTENSION  
RESIDENT TEACHING

August 13, 1948

DEPARTMENT OF AGRONOMY

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

Dear Prof. Goodspeed:

I would like to request help from you in connection with a position we are establishing in the field of research with genetics of tobacco. We have recently initiated what we believe will soon become a most comprehensive research program on tobacco, and one of the segments of this program which we are anxious to develop is that of fundamental genetics. These remarks are being addressed to you in the hope that you might direct our attention to one of your top students who has had the opportunity of working in your program. I would like to mention one or two other details concerning the position so that you might have a little clearer idea as to the nature of responsibilities we would expect this man to assume.

We have considerable flexibility when it comes to establishing this position. We would expect to give this man full responsibility for leadership of genetics work in tobacco, flue-cured tobacco being the type grown in our state, and we would expect to supply him the necessary facilities and subprofessional help so that his program might be set up as rapidly as desired. We would plan to emphasize fundamental research in this program, and look for long-time benefits, not necessarily to results of immediate value, and in such a program we would look towards the training of graduate students in this field.

Of interest to anyone thinking about this position would be the fact that we have an institution extremely strong in Statistics and a very strong Genetics staff working on other crops. We are also rapidly developing our Graduate School and other segments of the tobacco program have been expanded enormously until at the present time we have research work going in almost all fields concerned with the production and marketing of this crop.

Flue-cured tobacco in this state accounts for 50 percent of the farm income, having returned five hundred million dollars last year. Its importance to us is already appreciated by you I am sure and I mention it only to indicate something of the magnitude of the industry which may in the long run be affected by research in genetics.

Our preference would be to establish the position at the professor level, obtaining someone who had first finished his training for the Ph. D. degree and who had already established himself in the field of genetics research.

*Answered  
Don  
If you learn and lead  
I will reply directly  
would Don C. be substituted?  
MS*

(Prof. T. H. Goodspeed - No. 2)

In the event this is impossible we would not be kept from considering a very outstanding man who perhaps had not established himself in research as yet but who had potentialities of being a real leader in genetics.

Your help to us in filling this position will be gratefully received and I might say that if you had someone in mind whom I might see during the month of August or early in September, I would be pleased to have you so indicate and I would make a special effort to make the contact on a western trip I plan soon. As you know the meetings of the American Society of Agronomy will be held at Fort Collins, Colorado August 24-27. I would like to take advantage of this opportunity to investigate possible candidates for this position at the meetings.

If you are planning to attend the Agronomy meetings, I would be delighted to talk to you personally, and if not I would be very pleased to receive a letter from you relative to possible candidates we might consider. In this case, please address my mail to 1336 West Oak, Ft. Collins, Colorado, in care of R. L. Colwell.

Thank you for your kind assistance and I look forward to receiving your comments on this problem.

Sincerely yours,

*W. E. Colwell*  
W. E. Colwell, Head  
Department of Agronomy

August 19, 1948

Dr. W. E. Colwell  
c/o R. L. Colwell  
1336 West Oak  
Ft. Collins, Colorado

Dear Dr. Colwell:

Your letter of August 13 was received, and I am handing it to Dr. R. E. Clausen, Chairman of the Division of Genetics in our College of Agriculture. He has been particularly concerned with certain aspects of tobacco genetics and has had a few advanced students during the last ten years.

I have been in South America for almost half that period to obtain material of species of *Nicotiana* for my cytogenetic work on the genus. As perhaps you know, I am preparing a monograph on *Nicotiana*. I hope that it will be published within a little more than a year. My students and assistants have had no training in the type of genetics with which the <sup>physician in</sup> ~~question~~ <sup>position</sup> would be concerned.

I am glad to know that you propose such a broad-gauged study of the problem of tobacco breeding and culture.

Hopefully, Dr. Clausen can be of assistance to you. With best wishes,

Sincerely,

THG:t

June 11, 1958

Controller's Office  
Attention Mrs. Compton

Enclosed is a financial statement accounting for the advances made in my name for the conduct of the Sixth University of California Botanical Garden Expedition to South America, which operated in Peru, Chile, Bolivia and Argentina between July 19th 1957 and April 13, 1958.

These advances were as follows:

From South American Expedition Account 64275 43760 -----	\$7,497.26
From Cactus & Succulent Account 64275 43762 -----	300.00
Grant 40, Associates in Tropical Biogeography -----	850.00
Total -----	8,647.26

The total of expenditures shown:

Peru-Bolivia -----	5,789.42
Chile-Argentina -----	3,685.67
	<hr/>
	9,475.09

Balance due: \$827.83

A duplicate statement, including only items 4, 6, 8 and 10, (without vouchers) representing expenditures under Grant 40 from the Associates in Tropical Bio-geography (\$850) has been submitted to Dr. Stewart. (Copy of covering letter attached.)

June 11, 1958

Dr. M. A. Stewart  
Associates in Tropical Biogeography  
102 Administration Bldg.  
Campus

Dear Dr. Stewart:

Enclosed is a financial statement showing expenditures on the 6th University of California Botanical Garden Expedition to South America, which were incurred during the extensions of the Peruvian botanical exploration made possible by Tropical Biogeography Research Grant No. 40. The amount \$850. The expenditures shown in excess of the amount of the Grant were met from the general Expedition fund.

Vouchers for these expenditures (as indicated) have been included in the complete financial statement submitted to the Controller covering the entire Expedition.

The four extensions, largely into tropical areas, were productive of some of the most important data obtained by the Expedition. When the total of somewhat over 10,000 plant specimens collected in Peru have been studied I can, if desired, present a statistical summary of the types of material with comments upon their particular significance.

As indicated above, the considerable success of the Peruvian collecting was in large part due to support under Grant 40. Kindly express to the Associates in Tropical Biogeography my appreciation.

With kindest personal regards,

Sincerely,

THG:T



PERU      JULY 19 - DECEMBER 19, 1957

1) Berkeley -- Pre-expedition

July 1-19      two collectors

passports -----	Vo. # 1,2	-----	<sup>H</sup> 22.00	
photos -----	3	-----	1.30	
photographic supplies -----	4	-----	4.99	
notebooks -----	5-7	-----	14.34	
medical services -----	8	-----	18.50	
drugs -----	9,10	-----	<del>85.66</del>	70.66
auto supplies -----	11-14	-----	<del>14.10</del>	19.42
field supplies -----	15-18	-----	<del>199.01</del>	203.01
rental photo equipment -----	19	-----	500.00	
carnet -----	20	-----	102.00	
miscellaneous -----	--	-----	20.44	

September -- Director (T.H. Goodspeed)

ticket and tourist cards:				
Johnson Line San Francisco-Cristobal	21	---	646.00	
and return and Panamanian card				
Panagra -- Cristobal-Lima				
Peruvian tourist card -----	22	----	2.00	
Additional cost 1st class Panagra --	23	----	41.00	
Grace Line -- Callao-Valparaiso and				
Valparaiso-Cristobal --	24	----	467.11	

\$2,118.45  
H 2,132.77

2) En route Berkeley-Lima

July 19 - 26    -- two collectors -- 8 days

board and lodging for 1 collector @ \$6 -----	48.00
local transportation in porte -----	29.85
miscellaneous (tips, etc.) -----	9.30

October 1 - 15    Director

Johnson Line -- tips -----	30.00
transportation Cristobal-Panama -----	20.00
board and lodging, Panama, 2 days @ 11.00 -----	22.00
local transportation, baggage transfer -----	7.00
excess baggage -----	18.81

184.96

PERU (cont'd)

- 3) Lima and vicinity July 27 - August 10 15 days
- |  |                           |  |
|--|---------------------------|--|
| board and lodging for 1 collector @ \$6.00 ----- |                           | \$90.00                                |
| local transportation -----                       | 510 soles                 |  |
| truck service                                    |                           |  |
| (gas, oil, service) ----                         | 617.15                    | Vo.# 26-33                             |
| "                    " ----                      | 275.00                    | ----                                   |
| collecting assistance ----                       | 337.50                    | ----                                   |
| collecting supplies -----                        | 533.00                    | --- 34-43                              |
| "                    " -----                     | 68.15                     | ----                                   |
| maps and notebooks -----                         | <del>655.65</del>         | -- 44-46                               |
| medical supplies -----                           | 156.75                    | --- 47-49                              |
| customs broker -----                             | 1,623.31                  | --- 50                                 |
| miscellaneous -----                              | 336.57                    | ----                                   |
|  |                           |  |
| total --   | <del>5,113.08</del> soles | 5032.08                                |
|  | exchange rate 18.5 ---    | <del>272.02</del><br><del>276.88</del> |
|  |                           | \$366.38<br>362.02                     |
- 4) Lima - La Merced and return August 11 - 21 11 days
- |  |              |              |
|--|--------------|--------------|
| board and lodging 1 collector @ \$6.00 ----- |              | 66.00        |
| local transportation -----                   | 52.00        | --- Vo. 51   |
| "                    " ----                  | 28.00        | ----         |
| truck expenses -----                         | 113.50       | 52 - 55      |
|  | 160.40       | ----         |
| collecting assistance ----                   | 55.00        | ---          |
| collecting supplies -----                    | 221.00       | 56-59        |
| "                    " -----                 | 12.00        | ----         |
| miscellaneous -----                          | 19.00        | ----         |
|  |              |              |
|  | 660.40 soles | @ 18.5 35.69 |
|  |              | 101.69       |
- 5) Lima and vicinity August 22 - September 5 15 days
- |  |                |                  |
|--|----------------|------------------|
| board and lodging 1 collector @ \$6.00 ----- |                | \$90.00          |
| local transportation -----                   | 94.50          | ---              |
| truck expenses -----                         | 313.80         | --- Vo. 60-62    |
| "                    " -----                 | 340.52         | ----             |
| collecting supplies ----                     | 131.25         | --- 63-70        |
| "                    " -----                 | 111.10         | ----             |
| cable -----                                  | 141.21         | ---- 71          |
| miscellaneous -----                          | 19.00          | ----             |
|  |                |                  |
|  | 1,151.38 soles | @ 18.5 --- 62.23 |
|  |                | 152.23           |

## PERU (cont'd)

- 6) Lima - Puquio - Chala September 6 - 18 13 days
- |                               |          |                 |                  |
|-------------------------------|----------|-----------------|------------------|
| board and lodging 1 collector | @ \$6.00 | -----           | \$78.00          |
| truck expenses                | -----    | 477.05 s #72-83 |                  |
| supplies                      | -----    | 113.00 #84-87   |                  |
| telephone calls               | -----    | 6.64 88,89      |                  |
|                               |          | <u>596.69 s</u> |                  |
|                               | @ 18.5   | -----           | 32.25            |
|                               |          |                 | <u>\$ 110.25</u> |
- 7) Lima and vicinity September 19 - 24 6 days
- |                                |        |                      |                 |
|--------------------------------|--------|----------------------|-----------------|
| board and lodging, 1 collector | @ 6.00 | -----                | \$36.00         |
| local transportation           | -----  | 68.00s               |                 |
| truck expenses                 | -----  | 459.43 #90-93        |                 |
| " "                            | -----  | 36.25 ---            |                 |
| supplies                       | -----  | 200.00 94            |                 |
| "                              | -----  | 57.00 ---            |                 |
| miscellaneous                  | -----  | 34.10 ---            |                 |
|                                |        | <u>9854.78 @18.5</u> | 57.60           |
|                                |        |                      | <u>46.20</u>    |
|                                |        |                      | <u>\$ 82.20</u> |
|                                |        |                      | 87.60           |
- 8) Lima - Rio Marañon September 25 - October 17 23 days
- |                                   |          |                   |                 |
|-----------------------------------|----------|-------------------|-----------------|
| board and lodging for 1 collector | @ \$6.00 | -----             | \$138.00        |
| truck expense                     | -----    | 1385.55 #95-107   |                 |
| " "                               | -----    | 82.00 ---         |                 |
| local assistance                  | -----    | 40.00 108         |                 |
| " "                               | -----    | 10.50 ---         |                 |
| supplies                          | -----    | 114.50 109-116    |                 |
| "                                 | -----    | 130.50 ---        |                 |
| exchange                          | -----    | 22.12 117,118     |                 |
| miscellaneous                     | -----    | 218.05 ---        |                 |
|                                   |          | <u>2,003.22 s</u> |                 |
|                                   | @ 18.5   | -----             | 108.28          |
|                                   |          |                   | <u>\$246.28</u> |
- 9) Lima and vicinity October 18 - 26 9 days
- |                                |          |                             |                 |
|--------------------------------|----------|-----------------------------|-----------------|
| board and lodging, 1 collector | @ \$6.00 | -----                       | \$54.00         |
| local transportation           | -----    | 181.00 ---                  |                 |
| assistance                     | -----    | 500.00 #119                 |                 |
| "                              | -----    | 100.00 ---                  |                 |
| truck expenses                 | -----    | 39.60 120                   |                 |
| supplies                       | -----    | 93.80 121,122               |                 |
| "                              | -----    | 96.50 ---                   |                 |
| exchange                       | -----    | 67.44 123                   |                 |
| customs broker                 | -----    | 144.20 <del>124</del> 123 a |                 |
| miscellaneous                  | -----    | 861.30 ---                  |                 |
|                                |          | <u>2,083.24 s</u>           | 112.60          |
|                                | @ 18.5   | -----                       |                 |
|                                |          |                             | <u>\$166.60</u> |

PERU (cont'd)

- 10) Lima - Cochabamba (Bolivia) October 27 - November 28 33 days
- |                               |                  |                    |                 |
|-------------------------------|------------------|--------------------|-----------------|
| board and lodging 1 collector | 33 days @ \$6.00 | ---                | 198.00          |
| transportation                | 857 s            |                    |                 |
| "                             | -----            | 662,372 bolivianos |                 |
| "                             |                  |                    | \$24.00 Vo #124 |
| truck expense                 | 1,036.40         | -----              | Vo#125-137      |
| "                             | 405.40           | -----              | --              |
| "                             |                  | 82,000             | ---             |
| Assistance                    | 120.50           | -----              | --              |
| "                             |                  | 40,000             | ---             |
| supplies                      | 33.50            | -----              | 138,139         |
| "                             |                  | 73,000             | 140-142         |
| cable                         |                  | 57,962             | 143             |
| miscellaneous                 | 347.00           | -----              | --              |
| "                             |                  | 16,350             | ---             |
|                               | 2,799.80 @ 18.5  | -----              | \$151.34        |
|                               | 921,684 bol.     |                    |                 |
|                               | @ 8600           | -----              | \$108.33        |
|                               |                  |                    | <u>\$481.67</u> |
- 11) Lima and vicinity October 26 - November 28 (T.H.Goodspeed)
- |                         |            |       |                              |
|-------------------------|------------|-------|------------------------------|
| collecting assistance   | 1194.75    | ---   | Vo# 144-145 \$350.00 Vo.#144 |
| collecting supplies     | 1163.35    | ---   | 146-150                      |
| postage, etc.           | 243.80     | ---   | 159-167                      |
| local transportation    | 1400.10    | ---   | 168-170                      |
| customs broker          | 1111.59    | ---   | 171-178                      |
| car hire, collecting in |            |       |                              |
| Depts Lima & Cuzco      | 116.55     | ---   | --                           |
|                         | 5,230.14 s | ----- |                              |
|                         | @ 18.5     | ----- | 282.71                       |
|                         |            |       | <u>\$632.71</u>              |
- 12) Lima and vicinity November 29 - December 19 21 days
- |                                |                   |       |                 |
|--------------------------------|-------------------|-------|-----------------|
| board and lodging, 1 collector | @ \$6.00          | ----- | \$126.00        |
| truck expenses                 | 319.30            | ---   | Vo. 175-179     |
| collecting assistance          | 382.00            | ----- | ---             |
| "                              |                   |       | 300.00          |
| local transportation           | 388.87            | ----- | --              |
| supplies                       | 95.05             | ----- | 180-184         |
| "                              | 148.45            | ----- | ---             |
| Drs. & drugs                   | 543.55            | ----- | ---             |
| customs broker                 | 4,868.62          | ----- | 185,186         |
|                                | 6,745.84 s @ 18.5 | ----- | 364.64          |
|                                |                   |       | <u>\$790.64</u> |
- 13) Post-Expedition expense -- Berkeley  
Photographic services ----- \$340.00

1) Seattle and Berkeley Pre-expedition

	voucher		
air transportation Seattle - Valparaiso			
for one collector -----	188	-----	\$391.15
flight differential -----		-----	12.65
service charge -----	189	-----	3.00
Grace Line return Valparaiso-S.F. -----	190	-----	384.40
board & lodging, Berkeley, 3 days @ 10.00 --		-----	30.00
medical services, Seattle -----	191	-----	24.00
passport -----		-----	10.00
photographs -----	192	-----	2.00
collecting equipment -----		-----	13.25
local transportation (Berkeley, S.F.) ----		-----	7.85
excess baggage (Oakland-Miami) -----	193	-----	5.50
			\$883.80

~~2) Prov. Valparaiso and Southern Chile~~

2) Santiago, Valparaiso and vicinity 12/4 - 12/31

		pesos	U.S. \$
T. H. Goodspeed and 1 collector			
board & lodging, collector 27 days @ \$5.00		-----	135.00
collecting equipment & supplies Vo. 194-211		32481	
customs brokerage -----	212-213	24621	
car hire (collecting Prov. Valpo) -----		34950	
train fare Valpo-Santiago -----		5625	
bus, taxi, baggage transfer -----		9225	
local assistance -----	214	150000	
		256902	pesos
		@ 750 =	342.53
			477.53

3) Prov. Valparaiso and Southern Chile 1/1 - 1/31 1958

T. H. Goodspeed, collector and assistant collector			
board and lodging collector and assistant			
31 days @ \$6.00 -----			186.00
wages assistant collector and hire			
his truck -----	215 (in part)	----	290.00
travel checks -----	217	7200	
postage, cable -----	218-220	1206	
" " -----	221		4.08
postage -----			7.60
collecting equipment & supplies ----	222-239	49194	
truck, repairs -----	240	5520	
gas & oil -----	241-250	16950	
		100277	pesos
		@ 750 =	133.70
			621.38

20207 = gas & oil vouchers (241-250)  
 16950 = gas & oil unvouchered

100277  
 20070  
 20207

CHILE AND ARGENTINA (continued)

4) South Chile and Argentina 2/1 - 3/7 1958		
T.H.Goodspeed, collector and assistant	<u>pesos</u>	<u>U.S.</u>
board and lodging collector and assistant		
35 days @ \$6.00 -----		\$210.00
wages assistant & hire truck ---- vo. 215 (in part)----		150.00
216 -----		50.00
wages collector from 11/29-3/14		
106 days @ \$5.00 -----	251 -----	530.00
postage -----		6.50
local transportation ---	4225	
car hire (collecting Prov. Osorno) -----	17850	
transportation, Santiago- S.Chile-		
Argentina-Santiago ----	252 -252724	
truck repair -----	253-254-- 1736	
collecting equipment & supplies ---	255-267 -48363.30	
gas & oil -----	268-280- 42887	
car hire (collecting Argentina) -----	13875	
local transportation (Argentina) -----	5225	
lumber (boxes for shipment of plant		
specimens) -----	12000	
carpenter hire -----	6450	
	405335.30 pesos	
	@ 750 = 560.66	
		<u>\$1507.16</u>
5) Enroute Chile - San Francisco 3/8 - 4/13	T.H.Goodspeed	
Grace Line to Cristobal and Panama; Johnson Line Cristobal-S.F.		
radiogram -----	281 -----	4.20
baggage transfers -----		12.00
tips (snipboard 26 days) -----		35.00
board & lodging Cristobal@Balboa 11 days @ 11.00 ---		121.00
transportation Cristobal-Balboa (rt) -----		23.60

195.80

Chile + Argentina Nov. 28 - March 17

Seattle +

Barbale, the expedition #

recall.

✓ Air transportation	collection Seattle - Valpo	188	391.15	12.00
✓ Service chg.	unmarked flight departing	189	3.00	
✓ Grace - Mt. Valpo		190	384.40	
per diem	3 days @ 10.00		30.00	
✓ Medical (Seattle)		191	24.00	
Passport			10.00	
✓ photo		192	2.00	
cell. equipment			13.25	
local transport			7.85	
✓ excess baggage	Oak Miami	193	5.50	
			<u>883.80</u>	

The medical passport?

539.53

250 404575.30

3750

2959

2250

7073

6750

3000

2300

2250

5000

133.56

100172

2417

2417

2670

2317

4200

3750

4250

342.53

256902

22500

1500

1500

1000

1000

1000

1020

076

3750

070

2700

40x

(2)

Chile

Santiago, Valparaiso vicinity 12/4/57 - 12/31/57 THH collector

board & lodging 1 collector	27000 @ 5-		135.00
collecting equipment & supplies	32481	Vo 194-210	
customs brokerage	24621	218-183	
car hire (collecting from Valpo.)	34950		
bus, taxi fares, baggage transfer	9225		
train fare Valpo. Santiago	5625		
local assistance	150000	214	
	<u>256902</u>		

477.53

3

Pero. Valparaiso + S. Chile 1/1 - 1/31 - 1958 THH, coll + ass't.

board & lodging collector + assistant

<del>wages</del>	<del>31000 @ 6.00</del>		<del>186.00</del>
wages + assist. coll. + bus hire truck (part of Vo. 215)			290.00
travel checks	7200.00	Vo - 217	
postage, cable	1206.00	Vo 218-213	
"		Vo 214-221	4.08
postage	49194.00	222-239	7.60
coll. equip. + supplies	49089.00	Vo. 215-237	
Truck, repairs	5520.00	Vo. 240	
Gas + oil	20207.00	233-242	
Gas + oil	10950.00	241-250	
	<u>100217.00</u>		133.76

621.38

~~Wages coll. (S. Chile) 11/15/57 - 11/30/57 10000 @ 5.00 = 500.00~~

49194  
49089  
105

5 20  
7  
24  
13  
11  
10

4 - S Chile - Argentina 2/1 - 3/7 Thg, Coal + airt. coll.

board + lodging call + airt - 35 days @ 6.00		210.00
wages airt. call + his his truck (part of 40 2.00)		200.00
wages collector pro "129/17" 3/14/58		140.00
106 days @ 5.00	No. <del>257</del> 257	530.00
postage		6.50
local transporteur (Chile)	4,225.00	—
car hire (Coal, Prov Osorno)	17,850.00	—
Transport. Santiago → Chile - Argentina - Santiago	252,724.00	No. <del>257</del> 257
trucks repair	736.00	No. <del>246</del> 246
coal, equip. + supplies	48,363.30	No. <del>247</del> 247
Gas + oil	42,887.00	No. <del>268</del> 268
car hire (Coal, Argentina)	13,875.00	—
local transp. (Argentina)	5,225.00	—
lumber (boards for shipment of specimens)	12,000.00	—
carpenters hire	6,450.00	—
	<del>405,575.30</del>	560.66
	508,587.50	687.10
	405,335.30	<del>676</del>
		<del>148,252.20</del>
		473
		\$ 16,337.60
		1507.16

405335  
473  
400610  
5)

En route Chile - San Francisco 3/8 - 4/13 Thg  
 Grace hire to Cristobal + Panama; Johnson in Cristobal - S.F.

radiogram	No. <del>281</del> 281	4.20
baggage transfers		12.00
tips (shipboard 26 days)		35.00
board + lodging (Cristobal - Balboa) 11 days @ 11.00		121.00
transporteur Cristobal - Balboa + return		23.60
		<u>\$ 195.80</u>

750-175

(2)

coll. equip

5800  
 273  
 440  
 1500  
 1206  
 719  
 4180  
 1422  
 735  
 1670  
 1155  
 1050  
 1320  
 7472  
 820  
 788  
 609  
 4154

750

31159  
 3000  
 1159  
 750  
 4090  
 3750  
 3400  
 3000

(2) Custom

750 | 24671.  
 2250  
 2121

(3)

Truck  
 750 | 7200  
 675  
 450  
 2100

(2)

Postage cable

218 } \$408.75  
 418 }  
 570 }  
 750 | 1206  
 450  
 450

(3) Truck repair

6.96  
 5226  
 4500  
 7260  
 6750  
 5100

(2)

Local diet

200  
 150,000

(3) coll. equip:

1300  
 462  
 105  
 672  
 420  
 290  
 18270  
 1890  
 315  
 2700  
 735  
 1817  
 798  
 315  
 2200  
 1585  
 14900  
 47281

(6305)

750 | 47281  
 4500  
 2287  
 2250  
 3700

(3) gasfoil

800  
 4620  
 1885  
 2300  
 558  
 2920  
 2420  
 1926  
 1784  
 1000

20207

750 | 20207  
 1500  
 5207  
 4500  
 7010  
 6750  
 3200  
 3000



Chile - 750 = \$1 US

WJE & TWS  
Chile + Argentina

① Travel-collector Seattle to Santiago, Chile 1/29 to 1/3/57

✓ service charge (Seattle-Bulky)	3.00
✓ excess baggage	5.50
local transportation	4.50
3 days for board + lodging @ 7 <sup>00</sup>	21 -

② 12/4 to 1/31/57 - Santiago, Valparaiso + vicinity TWS + collector

board + lodging <sup>collector</sup> 27 days @ 5 <sup>00</sup>	135 -
✓ collecting equipment + supplies	41.54
✓ customs brokerage	32.82
car hire (collecting <sup>prov.</sup> Dept. Valparaiso)	46.60
bus, taxi fares, baggage transfer	12.30
train fares (Valpo. - Sant.)	7.50
(local assistance)	200 -
	495.76

omitted fuel  
lost + collector  
saved

③ 1/1 to 1/31/58 - Prov. Valpo + S. Chile - TWS, collector, asst. coll.

board + lodging collector + assistant <sup>31 days</sup> @ 6	186
✓ wages asst. coll. + truck hire his truck	290 ✓
✓ travel checks	7200 9.60
✓ postage, cable	5125 5.90
postage (unvouchered)	7.60
✓ collecting equip + supplies	472875 63.05
✓ truck, repairs	5220 6.96
✓ gas + oil	20195.00 26.94
" " " (unvouchered)	16950.00 22.60

cf vouchers P2

MINI P3

	3/1	collector
4	2/1 to 2/28/58 - S. Chile, Argentina, TRS, collector and board + lodging collector and. 19 days @ 6	114
	wages and. call + truck hire his truck	200
	postage (unvouchered)	6.50
	local transportation	6.30
	car hire (collecting Prov. Osorno)	23.80
✓	transportation Santiago, S. Chile Argentina + return Santiago	336.96
✓	truck repair	2.31
✓	collecting equip + supplies	63.47
✓	gas, oil	58.75
	car hire (collecting Argentina)	18.50
	local transportation	6.30

5 3/8 to 4/13/58 - TRS - Grace Line <sup>to Cristobal + Panama</sup> Panama; Johnson Line Cristobal to SF

lumber (boxes for shipboard specimens)	16-
carpenter's hire	8.60

MINI P3

✓	radiogram	4.20
	baggage transfers	12-
	tips (shipboard 26 days)	35-
	Hotel Washington (Cristobal)	
	board + lodging (Cristobal - Balboa) 11 days	171-
	transportation Cristobal to Balboa + return	23.60

③ continued

✓ wages collector 11/29/57/0/3/14/58 <sup>106 days</sup> @ \$5.00

530-

( = 450 wages  
+ Berk - Seattle expenses )

49

UNIVERSITY OF CALIFORNIA  
COLLEGE OF AGRICULTURE  
AGRICULTURAL EXPERIMENT STATION

February 8, 1950

CITRUS EXPERIMENT STATION  
DIVISION OF ORCHARD MANAGEMENT  
RIVERSIDE, CALIFORNIA

Dr. T. H. Goodspeed,  
Division of Botany  
Plant Science Building  
University of California  
Berkeley, California.

Dear Goodspeed:

Gradually during the past few years I have been accumulating a collection of species of Ficus. Root tips have been secured from the potted plants and I now have slides showing chromosome numbers for 49 or 50 species not yet reported on. I hope to get some photographs of chromosome complements of a few of these species some time soon and possibly make drawings of a few more.

Some time this spring I would like to confer with you at Berkeley and show you some results of this work. There are at least three species which have 52 rather than 26 somatic chromosomes. Some apparently have 2N in some cells and ~~4~~N in others. I would like to publish on this as soon as I can get it completed. What is the chance of getting it published in the same series in which I published before?

With best regards, I am

Sincerely yours

*Ira J. Condit*

Dr. Ira J. Condit  
Professor of subtropical  
Horticulture.

IJC:AC

February 17, 1950

Dr. Ira J. Condit  
Professor of Subtropical  
Horticulture  
University of California  
Riverside, California

Dear Ira:

It was good to get into touch with you again via yours of February 8, and to know that you have accumulated such a remarkable amount of material on chromosome numbers in *Ficus*.

*apical*  
*part*  
The presence in root tips of  $4N$  as well as  $2N$  cells has been assigned to various causes and is due, I think, principally to temperature shock following watering. The root matrices being on the surface of the soil mass are often somewhat detached from the top so that water reaches them immediately rather than moving through the soil. It is interesting that you have a number of tetraploid species.

Concerning publications, I should think it entirely appropriate that you offer the manuscript to the series in Botany. I am no longer a member of the Editorial Board for this series, but I feel confident that, particularly in view of your earlier publications here, they would look with entire favor upon your offering.

With best wishes and kindest regards,

Cordially yours,

T. H. Goodspeed

MT:am

RIVERSIDE: CITRUS EXPERIMENT STATION  
DEPARTMENT OF HORTICULTURE  
July 29, 1954

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

Dear fellow professor:

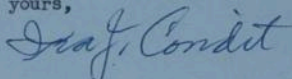
I notice that you have been given a year's lease of life as a professor and will be on the roll once more. How did you and the other savants work this?

You will remember that I have published two papers on chromosome counts in species of Ficus. I have continued to collect material of different species and have slides ready and counts made of at least 25 or 30 more. What suggestions have you for publication on this?

I note that in the last issue of MADRONO (July, 1954) on page 210 there is a list labeled "Documented Chromosome Numbers Of Plants". Is this sufficient or should it be a more detailed account?

With best regards, I am

Sincerely yours,



Ira J. Condit, Professor  
Subtropical Horticulture, Emeritus

IJC/rhj

8/20/54

Dear Ira:- It was good to hear from you.  
It's hard to believe that you have reached  
at the Emeralds age. I think of you as a man  
child as compared with myself!

There were 5 Carnegie beneficiaries left  
in the Univ. on June 30. In all previous pension  
revisions and exceptions had been made to a 67  
retirement and we were given tenure until 70.  
On this basis I had 3 gran. mem. + plans for  
~~the~~ research, lab. leave, etc. etc. to occupy  
that period. It was a bit difficult to adjust to  
a July 1<sup>st</sup> retirement on less than 1/2 mos. notice!  
This was finally appreciated and all 5 were  
reemployed for another year.

If your additional focus counts throw  
some light on taxonomic problems in the  
genus or have other significance they should be  
reported from such a conspicuous otherwise,  
the Madrona list might be the best place to put  
them on record.

Cordially,

I. H. Goodspeed

1/6  
Office Carbon

March 20, 1950

Mr. Donald Coney  
Librarian

Dear Mr. Coney:

I am enclosing a letter from my friend Sr. Jorge Larrañaga of Lima, Peru. It occurs to me that the gift referred to, which I consider quite valuable, might be so sent or addressed that its disposition upon arrival might be a problem. In other words, I thought that you might care to have advance notice of Sr. Larrañaga's proposal to send these volumes to the University of California Library.

Sincerely Yours,

September 10, 1952

University Extension  
Dept. of Lectures

Dear Mrs. Connors:

Mrs. Fred W. Dow, Chairman, Programs and Speakers,  
California Garden Clubs, Inc., 4644 Parkridge Rd.,  
Sacramento, California, has asked me to submit lecture  
titles, etc. I have told her that such lecturing as  
I do is arranged through the Extension Division and  
that you will send her a copy of your lecture bulletin  
which contains my lecture titles.

Sincerely,

THG:T

CONSERVATOIRE  
ET  
JARDIN BOTANIKES

HERBIER DELESSERT  
HERBIER DE CANDOLLE  
HERBIER BURNAT  
HERBIER BOISSIER

UNIVERSITÉ DE GENÈVE  
INSTITUT DE BOTANIQUE SYSTÉMATIQUE

Dr.: Prof. B.P.G. Hochreutiner

VILLE DE  GENÈVE

Genève, (Suisse) le 31 octobre 1939.  
ROUTE DE LAUSANNE, 192

Professor H. J. Goodspeed,  
Botanical Department  
University of California  
Berkeley Calif.  
U. S. A.

Dear Professor Goodspeed,

I have a letter from Mr. Eyerdam informing me that you are in charge of the botanical specimens collected in South America by the University of California Expedition to Peru, Chile, Bolivia and Argentina.

He says that the University of Berkeley would be disposed to exchange a set of these plants with duplicate specimens of our Herbarium. If it is so, I beg you to put aside for us the most complete set you can dispose of and, as soon as oversea journeys will be safe again, to send us that reserved lot. However, I wish to point out that we should like very much to receive carefully labelled and named specimens.

As an exchange, we could send you very good sets of mediterranean and european plants, together with duplicates of old South American collectors, of whom we have a great many here. (As for recent collectors, we could dispose of a good set of Pringle's mexican plants). We could add also a good set of Hassler's *Plantae Hasslerianae Paraguayenses*.

Please let us know if this offer agrees to you and, if not, with what sort of plants you would like to exchange.

If you do not want to exchange, we could also offer to pay cash if prices are not too high.

Concerning our expedition to you, I beg you to let us know if you do not mind the risks of the war. If not, we could send you as prepayment already this winter part of the collections we intend to exchange. You may inquire at Professor Merrill's about the value of the collections we can exchange, because we have sent him just before the war over 1100 specimens of which he wrote : "it was the most important sending ever received from Europe."

Sincerely yours

*B.P.G. Hochreutiner*

February 2, 1940

Dr.: Prof. B. P. G. Hochreutiner  
Conservatoire et Jardin Botaniques  
Université de Geneve  
Geneve, Suisse

Dear Dr. Hochreutiner:

I have not replied to your kind letter of October 31, concerning the herbarium material which was collected under my direction in South America because I wished to have opportunity to complete the distribution into sets, start the determinations, etc. Since we hope to pay at least a small portion of the expenses of the expedition by the sale of these herbarium specimens, I would prefer, if possible, to arrange with you for purchase rather than exchange, although I know very well the exceedingly high quality of the material which you have available for exchange.

I am enclosing a map which indicates the very extensive route of the collecting parties in South America. Different parties were working simultaneously for a period of approximately nine months, and these parties included eight or more North American collectors and assistants, all of them trained botanists or collectors. I believe that from the point of view, particularly of showing the distribution of certain elements of the South American floras, our material is rather unique. We have still available one quite complete set for sale. The determinations are being made by Dr. Ivan Johnston, of the Gray Herbarium, who is also sending certain material to other experts. Based upon actual cost of the collecting and the value of the material, we have obtained 20c per sheet for the Central American, Peruvian, Bolivian and Chilean specimens, and 25c per sheet for the Patagonian material. I would estimate the set which we could offer you at approximately 5,000 numbers, of which approximately 800 would be from Patagonia. I would be glad to have your comment on these prices which other institutions appear willing to pay, because I am very anxious that a set of our plants should be in your herbarium where I have worked on more than one occasion and received very many kind courtesies. Please let me know as soon as convenient what your wishes are in this matter, and in the interim we will hold the remaining complete set for you.

With my best personal wishes, I am

Cordially yours,

CONSERVATOIRE  
ET  
JARDIN BOTANQUES

HERBIER DELESSERT  
HERBIER DE CANDOLLE  
HERBIER BURNAT  
HERBIER BOISSIER

UNIVERSITÉ DE GENÈVE  
INSTITUT DE BOTANIQUE SYSTÉMATIQUE

Dr.: Prof. B.P.C. Hochreutiner

VILLE DE



GENÈVE

Genève, (Suisse) le  
ROUTE DE LAUSANNE, 107

4 mars 1940.

Professor T. H. Goodspeed  
Director of Botanical Garden  
University of California  
BERKELEY, Calif. U.S.A.

Dear Professor Goodspeed,

I thank you for your letter of February 2, 1940, and I am quite astonished about the importance of the itineraries you have covered in South America and about the beautiful results of your exploration.

It means to us an enormous sacrifice to pay so high a price\* You know we are a very small nation with very small means. But we shall organize ourselves in order to be able to **pay** the beautiful set you have reserved for us.

I regret very much that you cannot accept at least partly an exchange, but I admit that later on you will perhaps buy a set of our duplicates; Hassler's plants should be of particular interest for you (the sets are not yet quite organized, but will be soon).

You know that it is very necessary that all the plants you send to us should be carefully labelled and named. Considering the price, I trust also that you will send them post free.

Thanking you again for your kind offer,  
I remain,

very sincerely yours

B. P. C. Hochreutiner

x

March 19, 1940

Dr. B. P. G. Hochreutiner  
Conservatoire et Jardin Botaniques  
University of Geneva  
Route de Lausanne, 192  
Geneva, Switzerland

Dear Dr. Hochreutiner:

I have just received your kind letter of March 4 and am delighted to know that a set of South American herbarium specimens will be added to your magnificent collections in Geneva. I am sure you understand that we are forced to sell our plants only because the expense of caring for a great collection after it has been sent back from the field is so great that we would be unable to distribute it without additional funds.

We should be able to make the first shipments of plants to you within a month or two and will, of course, send them post paid. Have you any special instructions concerning the manner of shipment? That is to say, could you suggest the best route (via Italy?, via France?) by which shipment should be made?

With again much appreciation of your thoughtful letter and with best personal wishes, I am

Sincerely yours,

THG:RL

CONSERVATOIRE  
ET  
JARDIN BOTANIQUES

HERBIER DELESSERT  
HERBIER DE CANDOLLE  
HERBIER BURNAT  
HERBIER BOISSIER

UNIVERSITÉ DE GENÈVE  
INSTITUT DE BOTANIQUE SYSTÉMATIQUE

Dr.: Prof. B.P.G. Hochreutiner

VILLE DE



GENÈVE

Genève, (Suisse) le 10 avril 1940.

ROUTE DE LAUSANNE, 192

Professor T. H. Goodspeed  
Director of the Botanical Garden,  
University of California,  
Berkeley, Calif., U.S.A.

Dear Professor Goodspeed,

Answering your letter of March 19, 1940, for which I thank you, I hasten to let you know that if it could be arranged, we should prefer it if you would send your collection by an American ship and via Italy.

I hope it will arrive safely and remain

sincerely yours

*B.P.G. Hochreutiner*  
*B.P.G.*

*4200*

May 29, 1940

*The Director*

Dr. Prof. B. P. G. Hochreutiner  
Conservatoire et Jardin Botaniques  
University of Geneva  
Route de Lausanne, 192  
Geneva, Switzerland

Dear Dr. Hochreutiner:

I have received your letter of April 14 concerning shipment of a set of our recent South American collections.

Since that date conditions have, of course, so changed in Europe that I have not felt it wise to attempt to send the plants to you. The news concerning Italy is so doubtful that even an Italian ship would not seem to be a wise method of transportation. Will you please write to me again telling me whether you wish me to hold your set more or less indefinitely until the final state of affairs in Europe is determined?

With the hope that your splendid country may escape the storm, and with all personal good wishes, I am

Sincerely yours,

TEG:RL

CONSERVATOIRE  
ET  
JARDIN BOTANIKUES

HERBIER DELESSERT  
HERBIER DE CANDOLLE  
HERBIER BURNAT  
HERBIER BOISSIER

UNIVERSITÉ DE GENÈVE  
INSTITUT DE BOTANIQUE SYSTÉMATIQUE

Dr.: Prof. B.P.C. Hochreutiner

VILLE DE



GENÈVE

Genève, (Suisse) le 24 juillet 1940.

ROUTE DE LAUSANNE, 192

Professor T. H. Goodspeed  
Director of Botanical Garden  
University of California  
B E R K E L E Y, Calif., U.S.A.

Dear Professor Goodspeed,

I thank you for your letter of May 29, 1940, which reached me lately after a long delay on account of the political disturbances.

I wish to let you know that I agree fully with your feeling concerning the shipment of our set of your South American collections. Will you please hold it still for a certain time? I will not say, like you, "until the final state of affairs in Europe is determined", because this may mean unhappily a very long time. But things may settle down a little and then perhaps you can make the shipment through an american ship, perhaps landing in Portugal.

However, before that sending, we must communicate again together.

I thank you for your appreciation of my country, which so far escaped the storm, as you say, but which remains in a very awkward position.

Very sincerely yours

*B. P. C. Hochreutiner*  
H

655  
3250  
1300  
16250

August 21, 1940

Dr.: Prof. B. P. G. Hochreutiner  
Conservatoire et Jardin Botaniques  
Route de Lausanne, 192  
Geneve, Suisse

Dear Professor Hochreutiner:

I was very glad to receive your letter of the 24th of July, and to know that you agree with our proposal to hold the set of herbarium specimens intended for the Geneva Herbarium. We note your suggestion that there is a possibility in the not too distant future that we will be able safely to ship the specimens via Portugal or in some other manner.

With all best wishes, I remain

Sincerely yours,

April 24, 1946

Dr.: Prof. B. P. G. Hochreutiner  
Conservatoire et Jardin Botaniques  
University of Geneva  
Route de Lausanne, 192  
Geneva, Switzerland

Dear Dr. Hochreutiner:

You will remember that during the year 1940 we had certain correspondence concerning the purchase by your herbarium of the products of our South American plant collecting expeditions.

In my letter of February 2, 1940 I referred to a collection of approximately 5,000 herbarium specimens, approximately 800 of which would come from Patagonia and be priced at 25¢ per specimen and approximately 4200 from Central and South America, priced at 20¢ per specimen. In your letter of March 4, 1940 you accepted the total collection at the prices quoted.

Subsequent correspondence referred to the possibility of shipment of the collection, but after 1940 it was, of course, impossible to make any shipments. Now, however, it will be possible immediately to send the specimens to you by freight or express prepaid. For five years your collection has been in boxes ready for shipment and has periodically been opened and fumigated.

Your collection consists of some 4800 specimens. Of these some 600 are Patagonian which at 25¢ each would amount to \$150.00; the remainder, 4200, at 20¢ each would amount to \$840.00. Therefore the total cost, according to the original prices, would be \$990.00.

Of the total of some 4800 specimens approximately 300 are undetermined. By this I mean that the specialists have not as yet completed the naming of their groups but determinations are constantly being received and annotation labels will be sent to you at regular intervals. Since the unnamed specimens are packed for shipment to you along with the determined specimens it would be more convenient to ship the entire collection rather than the determined specimens only.

In view of the fact that I am asking you to receive, <sup>certain</sup> undetermined specimens and in the thought that due to the war your financial

situation may be less favorable than before, I am happy to reduce the total price of the collection to \$900.00 on the understanding that we will pay costs of transportation.

Probably there will be no customs restrictions in Switzerland but if it is necessary to secure in advance any documents from your Government kindly send them to me as soon as possible so that we may ship your collection without delay.

It will be a source of great satisfaction to me that such a distinguished institution as yours will be the one to possess the only set in Europe of our South American herbarium collection.

Trusting that the work of your famous institution was not too seriously interfered with during the war years and with kindest personal regards, I am,

Sincerely yours,

THG/H

Geneva

Original offer

520 @ 254	130
3051 @ 209	610
	<u>\$ 740</u>



Now offer

3571	- 2 <sup>nd</sup> Exped
	(including 520 Patagonian)
+ 494	under
+ 120	Micot.
85	Woz. 1939
83	" 1942
- 429	3 <sup>rd</sup> Exped. Peru + Col.
45	Aravena
	Real ?

Total 4832  
20  
966.40

50  
2  
100

500  
05  
2500

Offer for 900.00

VILLE DE  GENÈVE

CONSERVATOIRE  
ET  
JARDIN BOTANIKUES

INSTITUT DE BOTANIQUE SYSTÉMATIQUE  
DE L'UNIVERSITÉ

ROUTE DE LAUSANNE, 192

DIR.: PROF. D. CHARLES BAEHNI

BUREAU DU DIRECTEUR

GENÈVE, le 3 juillet 1946.

Professor T.H. Goodspeed,  
University of California,  
Department of Botany,  
BERKELEY, Calif., U.S.A.

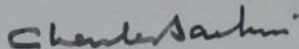
Dear Professor Goodspeed,

Professor Hochreutiner, who retired three years ago, sent me your letter of April 24 concerning 4800 specimens from South America which are ready to be sent to Geneva. Of course, the amount of 900 \$ seems terrific but I appreciate very much the fact that you reduced the original cost of 990 \$.

Shipping conditions are such now that it seems possible to send these plants almost without risk. We are therefore looking forward to receiving them as soon as it will be convenient for you.

I am happy to be able to tell you that our institution did not suffer seriously from the war. Of course we lost some material in the war countries, but this means very little in comparison with what happened in Vienna, Berlin or even London.

Thanking you again for your kindness, I am,  
Very truly yours



Charles Baehni.

September 10, 1946

Prof. Charles Baehni, Director  
Conservatoire et Jardin Botaniques  
University of Geneva  
Route de Lausanne, 192  
Geneva, Switzerland

Dear Dr. Baehni:

Your letter of July 3 addressed to Dr. Goodspeed has arrived during his absence in South America. I have written him of your letter and he has asked me to express his appreciation of your confirmation of the 1940 order from your institution for a set of specimens collected by the University of California Botanical Garden expeditions to South America.

Arrangements are now being made for shipment to you within a few days, transportation costs prepaid, of four wooden cases containing your set of somewhat over 4800 specimens. Following shipment invoice in amount of \$900 will be sent you by the University Business Office.

On top of the specimens in the smallest of the four boxes is an envelope containing some 175 annotation labels giving determinations which have been made since your set was packed. As rapidly as determinations of the few remaining unnamed specimens are received from the specialists who are studying them corresponding annotation labels will be sent you.

Thanking you again for your order and with all good wishes on Dr. Goodspeed's behalf, I am

Very sincerely yours,

Secretary to Dr. Goodspeed

VILLE DE GENEVE



CONSERVATOIRE  
ET  
JARDIN BOTANIKUES

INSTITUT DE BOTANIQUE SYSTEMATIQUE  
DE L'UNIVERSITE

ROUTE DE LAUSANNE, 192

DIR.: PROF. D. CHARLES BAENNI

BUREAU DU DIRECTEUR

GENEVE, le 14 janvier 1947.

Professor T.H. Goodspeed  
Director of the Botanical Garden  
University of California  
BERKELEY, Calif., U.S.A.

Dear Professor Goodspeed,

I am happy to tell you that the four boxes announced in the letter written on September 10 by Mrs. Thompson have arrived safely. We found the material in very good order and as far as I could see in a rapid view, basally interesting for our institution. We have inserted the annotation labels which were in one of the boxes and we are planning to keep separately the unnamed specimens until we have received the remaining labels.

206 20 ✓  
I tell you, about the labels, that for no. 15652 (Loasa urens) and no. 26.303 (Paspalum notatum), we have found no corresponding labels, but only the determination labels. As for no. 9202, labelled Loasa nitida, it looks much more like a Salvia. I should like to know if this number has been mixed only in our collection. - However, these are unimportant details. We are now busy mounting the specimens and I am looking forward in a few weeks, to the sorting and distribution of the specimens in the herbarium.

I thank you for having reduced to 900 dollars the amount originally settled. As soon as we have received the invoice from your business department, we shall give order to our bank to have it paid to you.

Maybe you will be back by the time this letter reaches you. I hope you had a good trip in South America.

Please receive, with my best wishes for 1947, my best regards.

Charles Baehni

Charles Baehni.

March 17, 1947

Professor Charles Baehni, Director  
Conservatoire et Jardin Botaniques  
University of Geneva  
Route de Lausanne, 192  
Geneva, Switzerland

Dear Dr. Baehni:

Thank you for your letter of January 14 announcing the arrival in good condition of the four boxes of our South American collections.

I am enclosing 41 annotation labels corresponding to specimens in your set for which determinations have been received since the material was sent you. Additional labels will be sent you from time to time as determinations are received here.

Enclosed also are descriptive labels for the two specimens (Nos. 15652 and 26303) which were sent you with only annotation labels, and for No. 9202 which apparently had been incorrectly annotated as Loasa nitida in your set.

If other errors in the labelling of your specimens are discovered do not hesitate to call them to my attention and I will be glad to do what I can to correct them.

Through oversight the invoice covering the material sent you was delayed for some time in the Business Office of this University. However, I understand that it was ~~forwarded~~ forwarded in February and probably will have reached you in advance of this letter.

With all good wishes,

Cordially yours,

THG:T

VILLE DE GENEVE



CONSERVATOIRE  
ET  
JARDIN BOTANIKUES

INSTITUT DE BOTANIQUE SYSTEMATIQUE  
DE L'UNIVERSITE

ROUTE DE LAUSANNE, 192

DIR.: PROF. D' CHARLES BAEHNI

BUREAU DU DIRECTEUR

GENEVE, le 17 avril 1947.

Professor T. H. Goodspeed,  
Director,  
Botanical Garden of the  
University of California,  
BERKELEY, Calif., U.S.A.

Dear Dr. Goodspeed,

Thank you for your letter of March 17, 1947, in which you sent two labels we needed and annotation labels. We did not find any other errors in labelling, but if any should be detected, we would, as you kindly suggest, certainly ask you for corrections.

I have made the necessary steps for the payment of your bill and I hope it will not last too long, but these days transfers are rather complicated and slow. 768

I received to-day a letter from Macbride, who tells me he is working again on his Flora of Peru. He seems curiously lacking the gusto he had in former years. I hope very much that all his botanical friends in California, including you of course, will help him through the last parts of his Flora. It would be a pity if they were not on the same standard as the first volumes, i.e. if they were mere compilation.

Very cordially yours

*Charles Baehni*

Charles Baehni.

May 26, 1947

Dr. Charles Baehni  
Conservatoire et Jardin Botaniques  
Route de Lausanne, 192  
Geneva  
Switzerland

Dear Dr. Baehni:

I am glad to have your letter of April 17 and to know that you received the annotation labels and other information you needed. I know that you will let me know if you find other matters to be corrected.

I have informed the business office of this University that payment for the collection will soon be made.

Concerning Macbride I am in touch with him and, indeed, he is on the point of assisting me with the determination of a collection of some 1000 numbers which is being sent in from our current expedition in the tropical portions of Peru. He appears to have made an arrangement with the Chicago Museum which is more satisfactory than that of past years and I have the impression that he is really rather enthusiastic about completing the Flora of Peru. I believe, however, that he proposes to publish the material in hand and later on to annotate it. Probably this is the best arrangement although, as you say, it will not produce as critical a treatment as he attempted at the beginning.

I am preparing a monograph of the genus Nicotiana and in connection with the section on distribution would very much like to obtain as soon as possible a copy of Willis' The Origin and Distribution of Plants referred to in the leaflet you enclosed in your letter. In due time our Library will receive it as Volume VIII of Boissiera but if you could send me a personal copy with a bill it would be a great convenience.

With best wishes

Cordially yours,

THB:T

January 28, 1949

Prof. Coas. Baehni, Director  
Conservatoire et Jardin Botaniques  
University de Lussanne, 192  
Geneva, Switzerland

Dear Dr. Baehni:

Enclosed are a number of annotation labels giving recently received determination for certain specimens in your set of the University of California Botanical Garden Expedition material.

In addition I am enclosing descriptive labels (with determinations) for a group of specimens collected by P. Aravena which were included in the material sent you. Our records do not make it clear whether or not descriptive labels were with these specimens when they were packed for you. I am therefore sending them to you and if they represent duplications they can be discarded. Please note, however, that on this set of labels the identification of the specimens is typed, and check whether or not it is also on the set which may have been sent with the specimens.

As additional determinations are received I will continue to send them to you.

With all good wishes

Cordially yours,

THG:T

- \* It is possible that in some instances specimens corresponding to these annotation labels are not included in your set. It is difficult to check our records and therefore I am sending you all annotation labels that may be included and asking you to discard those for which you have no specimen.

VILLE DE GENÈVE



COMPTABILITÉ GÉNÉRALE

HOTEL MUNICIPAL  
Téléphone 5 72 42

Payable à la CAISSE MUNICIPALE

4, Rue de l'Hôtel-de-Ville

1<sup>er</sup> étage

Ouverte de 9 à 12 h. et de 14 à 16 h.  
(Samedi après-midi excepté)

Prière de rapporter la présente facture  
pour le règlement

Cette facture peut être payée au Compte de chèques postaux I. 818  
en indiquant cette référence :

Copie

63

Facture No

9

Professor T.H. Goodspeed  
University of California, Botany,  
BERKELEY, Calif.

U.S.A.

*Doit*

Genève, le 6 janvier 1950.

1 ex. BOISSIERA vol. 8 (J.C. Willis, The birth and spread

of plants) fr 18. --

packing and postage 2. --

Total : swiss francs 20. --

(sent according to your letter of  
May 26, 1947)

Concerne l'Administration

Recettes: Exercice 19 50.

FACTURE ÉMISE PAR:

(Visa du chef de service)

CWS.

H.B. 541. (Conservatoire et Jardin botaniques,  
Réserve sur vente occas. de publications.

ACQUITTE

Genève, le

Le Caissier de la Ville de Genève :

VISA COMPTABILITÉ

*Allia*

VILLE DE  GENÈVE

CONSERVATOIRE  
ET  
JARDIN BOTANIKES

INSTITUT DE BOTANIQUE SYSTÉMATIQUE  
DE L'UNIVERSITÉ

ROUTE DE LAUSANNE, 192

DIR.: PROF. D. CHARLES BAEHNI

BUREAU DU DIRECTEUR

GENÈVE, le 3 MARS 1949.

Professor T. H. Goodspeed,  
Director of the Botanical Garden  
University of California  
BERKELEY, Calif., U.S.A.

Dear Dr. Goodspeed,

I received the other day the annotation labels for certain specimens in our set of the University of California Botanical Garden Expedition material.

Since we keep these plants, before they are inserted in our general herbarium, in numerical order, it does not matter at all if there are too many labels or too few. We shall do as you suggest and discard those which are unnecessary.

With many thanks and best greetings,

Sincerely yours

*Charles Baehni*

Charles Baehni.

July 21, 1949

AIR MAIL

Professor Charles Baehni, Director  
Conservatoire et Jardin Botaniques  
University de Lausanne, 192  
Geneva, Switzerland

Dear Dr. Baehni:

Enclosed are five annotation labels for inclusion in corresponding specimens in the set of the University of California Botanical Garden Expedition collection deposited in your herbarium. Additional labels will be sent to you as names are received here for those specimens remaining undetermined.

With all good wishes,

Sincerely,

WT:yh  
Enclosures



GENÈVE, le 2 décembre 1949.

CONSERVATOIRE  
ET  
JARDIN BOTANIKES

INSTITUT DE BOTANIQUE SYSTÉMATIQUE  
DE L'UNIVERSITÉ

ROUTE DE LAUSANNE 192

DIR. : PROF. Dr. CHARLES BAERNI

BUREAU DU DIRECTEUR

Professor T.H. Goodspeed,  
University of California  
Botanical Garden,  
BERKELEY, Calif., U.S.A.

Dear Professor Goodspeed,

On July 21, 1949, you kindly sent us six annotation labels for inclusion in corresponding specimens in the set of your Expedition to the Andes collection, and we thank you for this sending.

Most of these specimens seem to have been inserted in our herbarium under the original determination and it would be difficult for us to find them, unless you can give us that first determination. These annotation labels concern following numbers :

- |   |   |
|---|---|
| <i>C. multiifolius</i>                        | 10.503. <i>Cyperus incantus</i> Knuth (= <i>C. Venturi</i> Kükenth.)<br>(another determination) |
| <i>S. tuberosum</i> <sup>app. a mistake</sup> | 16.397. <i>Calceolaria hypericina</i> Poepp. (correction). ✓                                    |
| <i>S. tuberosum</i>                           | 30.257. <i>Solanum multiinterruptum</i> Bitter (correction).                                    |
| <i>G. anastombiana</i>                        | 30.571. <i>Gaultheria secunda</i> Remy (correction).  |
| <i>S. medianus</i>                            | 33.116. <i>Solanum medianus</i> var. <i>neoweberbaueri</i> (Wittm.) Hawkes<br>(correction).     |

We return to you enclosed a duplicate label (17319) which was perhaps intended to be sent to some other institution.

Thanking you for your help, I am,  
Sincerely yours

(for Dr. Baehni)

R. Weibel



CONSERVATOIRE ET JARDIN BOTANIKUES

INSTITUT DE BOTANIQUE SYSTEMATIQUE DE L'UNIVERSITE

DIR. : PROF. DR CHARLES BAEHNI

192, RUE DE LAUSANNE

GENÈVE, LE 6 janvier 1950.

Professor T.H. Goodspeed, University of California, BERKELEY, Calif.

Dear Professor Goodspeed,

Vol. 8 of Boissiera (Willis' Birth and Spread of Plants) has only just come out of press, the long delay being due to the author's bad health. You had asked for a personal copy of it in 1947 and we are posting one to you to-day. Our bill will be forwarded by the central bookkeeping department of the City of Geneva but you will find a copy enclosed: 18 francs is the special price for institutions receiving Candollea, which we extend to you.

With best wishes for the New Year, I remain  
Sincerely yours

*h. Dubignon, secretary,*  
*for professor*  
Charles Baehni, *absent.*

1 enclosure.

COMPTABILITÉ GÉNÉRALE

Copie N°

Facture N°

Professor T.H. Goodspeed  
University of California  
BERKELEY, Calif.

U.S.A.

6 janvier 1950.

1 ex. BOISSIERA vol. 8 (J.C. Willis, The birth and spread

of plants)	fr	18. --
packing and postage		<u>2. --</u>
<b>Total : swiss francs</b>		<u><u>20. --</u></u>

(sent according to your letter of  
May 26, 1947)

Recettes: Exercice 19<sup>50</sup>.

FACTURE ÉMISE PAR :

(Visa du chef de service)

H.B. 541. Conservatoire et Jardin botaniques,  
Réserve sur vente occas. de publications.

VISA COMPTABILITÉ :

Berkeley 4, California  
January 24, 1950

Dr. Raymond Weibel  
Conservatoire et Jardin Botaniques  
Route de Lausanne, 192  
Geneva, Switzerland

Dear Dr. Weibel:

In your letter of December 2 you refer to certain correction labels applying to material in your set of our Andean collections which you were unable to place in the specimens without knowledge of the earlier determinations under which they had been filed. I am glad to supply that information:

	recent determination	first determination
10503	<u>Cyperus incantus</u> Knuth	( <u>C. miliifolius</u> )
16397	<u>Calceolaria hyperucuba</u> Boepp.	( <u>Geranium Berterianum</u> )
	(Apparently mixed material under this number)	
30257	<u>Solanum multiinterruptum</u> Bitter	( <u>S. tuberosum</u> )
30571	<u>Gaultheria secunda</u> Remy	( <u>G. anastomosana</u> )
33116	<u>Solanum medians</u> var. <u>neoweberbaueri</u> (Wittm.) Hawkes	( <u>S. medians</u> )

Enclosed are a number of additional annotation labels for previously unnamed specimens in your set. As further determinations are received corresponding labels will be sent you.

With all good wishes

Sincerely yours,

THG:T

February 2, 1950

Professor Charles Baehni  
Conservatoire et Jardin Botaniques  
192 Rue de Lausanne  
Geneva, Switzerland

Dear Professor Baehni:

Thank you for your letter of January 6 via your secretary.  
I have just received Willis' Birth and Spread of Plants.

Enclosed is draft for the equivalent of 20 *francs*.

With best wishes and kindest regards.

Sincerely,

MCT:yh  
Enclosure

2079 Life Sciences Bldg.  
Univ. of California  
Berkeley 4, California  
May 19, 1950

Prof. Chas. Baehni, Director  
Conservatoire et Jardin Botaniques  
University de Lausanne, 192  
Geneva, Switzerland

Dear Dr. Baehni:

Enclosed are annotation labels for inclusion in corresponding specimens in the set of the University of California Botanical Garden Expedition collections deposited in your Herbarium.

In the case of 8 specimens ~~these~~ annotations represent corrections or alternative determinations for specimens previously otherwise named. The names under which the specimens were originally sent you are listed for your convenience.

As further identifications are received additional labels will be sent you.

With best wishes

Sincerely,

THG:T

VILLE DE GENÈVE



CONSERVATOIRE ET JARDIN BOTANIQUES

INSTITUT DE BOTANIQUE SYSTÉMATIQUE DE L'UNIVERSITÉ

DIR. : PROF. DR CHARLES BAEHNI

*File*

192, RUE DE LAUSANNE

GENÈVE, LE 1. June 1950.

Professor T.H. Goodspeed, University of California, BERKELEY, Calif., USA.

Dear Professor Goodspeed,

I thank you very much for your letter of May 19, 1950, and for the annotation labels for inclusion in our set of your plants from the Andes. I shall be very glad to have them inserted in the corresponding specimens.

Will you come to Europe for the Stockholm congress ? I hope you shall be able to and that I shall have the pleasure of meeting you there.

With many thanks and best wishes,  
sincerely yours

*Charles Baehni*

Charles Baehni.

Prix

AUGUSTIN-PYRAMUS DE CANDOLLE

Un concours est ouvert par la *Société de Physique et d'Histoire naturelle de Genève* pour la meilleure monographie inédite d'un genre ou d'une famille de plantes.

Aucune condition de nationalité ou de domicile n'est imposée aux auteurs. Toutefois, les Membres de la Société ne sont pas admis à concourir.

Les manuscrits peuvent être rédigés en latin, français, allemand, anglais ou italien. Ils doivent être envoyés avant le 31 décembre 1952 à M. le Président de la Société de Physique et d'Histoire naturelle, Athénée, Genève.

Le montant du prix est de *mille francs suisses*.

Ce prix ne pourra être partagé. Il pourra être réduit ou n'être pas adjugé, dans le cas où les travaux présentés seraient jugés insuffisants ou ne répondraient pas aux conditions du présent avis.

Le mémoire couronné reste la propriété de son auteur.

Un règlement détaillé du concours sera envoyé sur demande adressée au secrétaire-correspondant de la Société de Physique, Bibliothèque publique et universitaire, Genève.

Décembre 1949.

*Le président de la Société:*

Bernard Suz.

2079 Life Sciences Building  
University of California  
Berkeley 4, California  
September 16, 1954

Director  
Conservatoire et Jardin Botaniques  
Route de Lausanne, 192  
Geneva, Switzerland

Dear Sir:

I am sending you under separate cover a corrected page proof of the taxonomy section of my volume on the genus Nicotiana which should be off the press by the end of the year. Possibly your Herbarium may wish to include these descriptions and illustrations in the collection of species of Nicotiana.

Unfortunately, the type was not cleaned or the forms locked when these proofs were pulled so that certain of the illustrations are not sharp,

With best wishes,

Sincerely,

THG:T

VILLE DE



GENÈVE

GENÈVE, le 20 octobre 1954.

CONSERVATOIRE  
ET  
JARDIN BOTANIQUES

ROUTE DE LAUSANNE 192

HERBIERS BOISSIER, DE CANDOLLE  
ET DELESSERT RÉUNIS

DIR. : PROF. Dr CHARLES BAEHNI

Professor T.H. Goodspeed  
2079 Life Science Building  
University of California  
BERKELEY 4,  
California, U.S.A.

Dear Professor Goodspeed,

You were kind enough to send me the pages of the taxonomy section of your coming volume on the genus Nicotiana and I thank you very much for this sending and for your letter of September 16, 1954.

We have found that the system of intercalating bibliographical references in the herbarium, as recommended by Dr. Merrill, is of great use. Unfortunately, few authors are as thoughtful as you, that is why our herbarium is not so rich as it should be in this kind of information. I am therefore especially grateful for your collaboration in this matter.

Yours sincerely

Charles Baehni.

Berkeley 4, California  
March 12, 1956

Prof. Chas. Beshni, Director  
Conservatoire et Jardin Botanique  
University de Lausanne, 192  
Geneva, Switzerland

Dear Dr. Beshni:

Enclosed are annotation labels for inclusion in corresponding specimens in the set of the University of California Botanical Garden Expedition collections deposited in your Herbarium. Certain of these represent previously unnamed specimens, others are corrections or additional determinations.

It would be very helpful if you would send me a list of the numbers in your set which remain undetermined since in the relatively near future all Expedition records will be turned over to the Herbarium of this University. Such a list would assist me in clarifying my records and would obviously be a convenience to the Herbarium when additional annotations are to be distributed.

With all good wishes,

Sincerely,

THG:T

VILLE DE



GENÈVE

GENÈVE, le April 18, 1956.

CONSERVATOIRE  
ET  
JARDIN BOTANQUES

ROUTE DE LAUSANNE 192

MEMBERS GUISCHER, DE CANDOLLE  
ET DELESSERT RÉUNIS

DIR. : PROF. Dr CHARLES BAERNI

Prof. Dr. T.H. GOODSPEED  
Director  
Botanical Garden  
University of California  
Berkeley 4, California  
U.S.A.

*486 annots*

Dear Dr. Goodspeed,

Thank you for your letter of the 12th of March 1956 addressed to Dr. Baehni and also for the annotation labels enclosed. They have immediately been placed in the corresponding specimens and filed in our herbarium.

Under separate cover, we are sending the list of the numbers which remain undetermined. We shall appreciate receiving many more determinations for these specimens. Thank you in anticipation.

Yours sincerely,

*R. Weibel*

Raymond Weibel.  
Curator

UNIVERSITY OF CALIFORNIA

DEPARTMENT OF BOTANY  
BERKELEY 4, CALIFORNIA

May 10, 1956

Professor Dr. Charles Baehni, Director  
Conservatoire et Jardin Botaniques  
Rue de Lausanne, 192  
Geneve, Switzerland

Dear Professor Baehni:

In continuation of our exchange relationships, we are sending you Set 5 of the University of California Botanical Garden's Fourth Expedition to South America. These specimens, totalling 717 sheets, are made available to us through the courtesy of Professor T. Harper Goodspeed, Director of the University of California Botanical Garden.

One hundred and fifty six of these specimens are as yet unidentified, but they are currently being worked upon, and it is our understanding with the Botanical Garden that identifications will be sent to the receiving institution as soon as they become available. The collection numbers for these unidentified specimens are on the enclosed list. Some identifications have just been received within the last few days and will be sent as soon as we can prepare annotations.

We trust you will find these plants of value to your herbarium.

Very sincerely,

/s/

Lincoln Constance  
Curator of Seed Plants

LC:sk

Enclosure

cc Dr. T. Harper Goodspeed

*Geneva Set*

Unidentified Collections from Set 5, University of California  
Botanical Garden's Fourth Expedition to South America

*✓ = annotated June 1956*

34017	✓ 34928	35497
34027	✓ 34929	✓ 35507
34083	✓ 34930	✓ 35509
34115	✓ 34931	✓ 35514
34128	✓ 34932	✓ 35518
34133-a	✓ 34933	35520
34163	✓ 34938	✓ 35527
34172	✓ 34940	✓ 35529
34224	✓ 34941	✓ 35542
34225	✓ 34942	35547
34229	✓ 34943	35554
34230	✓ 34944	35556
34246	✓ 34946	35565
34295	✓ 34947	35575
34300	✓ 34948	35577
34378	✓ 34950	35585
34383	✓ 34951	35587
34385	✓ 34952	35592
34393	✓ 34953	35594
34406	✓ 34955	35595
34422	✓ 34957	35602
34423	✓ 34958	✓ 35603
34426	✓ 34959	35604
34498	✓ 34960	35605
34505	✓ 34961	35607 ← 35606
34511	35063	35610 ← 35611
34516	35081	35612
34529	35080	35616
34531	35102	35617
34532	35173	35618
34534	35175	35621
34535	35199	35625
34537	35208	35626
34564	35220	35628
✓ 34902	35249	35644
✓ 34903	35252	35645
✓ 34904	35253	35647
✓ 34905	35259	35654
✓ 34906	35320	35655
✓ 34907	35338	35656
✓ 34908	35355	35667
✓ 34909	35365	35675
✓ 34911	35391	35679
✓ 34912	35407	35683
✓ 34913	35409	37004
✓ 34916	35412	
✓ 34917	35415	
✓ 34918	35435	
✓ 34919 <i>34920</i>	35440	
✓ 34922	35444	
✓ 34924	35457	
✓ 34925	35467	
✓ 34926	35472	
✓ 34927	35486	

2079 Life Sciences Bldg.  
University of California  
Berkeley 4, California  
June 11, 1956

Dr. Raymond Weibel, Curator  
Conservatoire Botanique  
Route de Lausanne 192  
Geneva, Switzerland

Dear Dr. Weibel:

Thank you for your letter of April 18 and the list of numbers remaining undetermined in your set of the University of California Botanical Garden Expedition collections.

Many of these specimens have long since been named and according to our records annotations distributed. Unfortunately, your set of these appears to have gone astray. I am glad now to be able to supply names for some 450 of the 625 numbers on your list; approximately 150 of these are named to species, the others to genus only. Many of the latter apparently represent new or unknown species and it may be some time before specific names become available.

Your list will remain on file as a record of the status of your collection and when additional ~~names~~ <sup>specimens</sup> are received corresponding labels will be sent you.

Also enclosed are 5 annotation labels for specimens previously given a different specific determination.

With best wishes,

Sincerely,

THG:T

VILLE DE



GENÈVE

CONSERVATOIRE  
ET  
JARDIN BOTANIQUES

ROUTE DE LAURANNE 100

GENÈVE SUISSE, DE CHAMILLÉ  
ET D'ALBERT BEAUME

NO. 1000 DE CHAMILLÉ BEAUME

GENÈVE, le 30 juin 1956.

Prof. T.H. Goodspeed  
Botanical Garden  
University of California  
2075 Life Sciences Bldg.  
BERKELEY 4, Cal.,

USA

Dear Prof. Goodspeed,

Thank you very much for your letter  
of June 11th, 1956 and also for the names of Indian  
plants which were enclosed. We very much appreciate  
inserting these specimens in our collections.

Yours very truly,

*R. Waeber*

Raymond Waeber  
Curator.

December 1, 1947

Dr. Lincoln Constance  
Gray Herbarium  
Harvard University  
Cambridge 38  
Massachusetts

Dear Lincoln:

Dr. Wheeler tells me that you want to be brought up to date on our cytotaxonomic reaction to the *Nicotiana* situation. I am, therefore, sending you some of the reprints not yet distributed all of which bear upon such reaction.

Some years ago I bought a few books of considerable importance in connection with my interest in the floras of the west coast of South America and their distribution. Now I find that I cannot afford to keep all of them and I am about to offer at least the following for sale.

In particular I have Molina "Saggio sulla Storia Naturale del Chili, Bologna 1782" in original binding, condition good. Also Gay 8 volumes of botany, bound in cloth, plus the Atlas (botany), hand colored. The latter has been somewhat damaged by water stain on the right hand edge of most pages. However, the stain does not extend to the drawings. The binding was broken so that I have removed all the sheets and mounted each one under a mat of thin cardboard the size of herbarium species sheets, backed with the same material, and assembled them all in a portfolio. Actually, I should think that it might be of some advantage to be able to remove particular sheets for study or, perhaps, actually to incorporate the sheets in an herbarium. The Atlas is complete except for four sheets which have been photostated in white on black from the uncolored edition. Also the two volumes of Gay's *Agricultura* (one bound and one paper) which contain a certain amount of botanical information.

In addition I have Molina's "Saggio sulla Storia Civile del Chili, Bologna, 1787" which should be of interest to historians, etc. and a number of things of less value such as Hohow's Juan Fernandez flora and F. Phillipi's 1881 "Catalogus Plantarum Vascularium Chilensium" and a 1695 Matthiöle, Dioscorides.

Possibly someone in your group there might know approximately what the Molina and Gay should be worth. A Chilean friend paid \$300 (U.S.) for a good copy of Gay's Atlas (botany) hand colored and has sent it for sale to this country where he claims that second hand catalogues list it at from \$500 to

\$1000 depending upon condition. I haven't been able to verify this statement. Perhaps you might also be able to give me the names of the dealers most likely to be interested in buying what I want to sell.

If you care to do so you might call Ivan's attention to the fact that there are still undetermined quite a number of specimens of our Second Andean Expedition material sent to him in 1940. The last determinations we had came in June 1945 from L.B. Smith to whom Ivan had turned over a few Bromeliads. As you know I am anxious to make an end of the distribution of the products of our earlier collecting in South America and particularly to get out from under the care of the numerous distribution sets of the specimens Ivan received and has not named. Incidentally, you may be interested to know that Cuatrecasas at Chicago is determining the material which is coming in from Peru and Colombia. We should ultimately get about 2000 numbers from this fourth expedition.

Needless to say we miss you here, Lincoln. Everything seems to be under control, however. I hope that all goes well with you and the family.

Cordially,

THG:T

## Gray Herbarium



## Harvard University

LINCOLN CONSTANCE, ACTING DIRECTOR  
 M. L. FERNALD,  
 FISHER PROF. NAT. HIST. (BOT.) EMERITUS  
 CHARLES A. WEATHERBY, RESEARCH ASSOCIATE  
 FRANCIS WELLES HUNNEWELL, RESEARCH ASSOCIATE  
 LYMAN B. SMITH, CURATOR

RUTH D. SANDERSON, LIBRARIAN  
 MARJORIE W. STONE, BIBLIOGRAPHER  
 ROBERT C. FOSTER, ASSISTANT  
 BERNICE G. SCHUBERT, TECHNICAL ASSISTANT

79 GARDEN STREET,  
 CAMBRIDGE 38, MASSACHUSETTS, U.S.A.

15 December 1947

Dear Harper,

Thank you very much for the fine collection of Nicotiana reprints, which arrived in a very timely fashion for the edification of my cyto-taxonomic seminarists. My seminar course has been rather unusual, apparently, having boiled down to a resume of cyto-taxonomic literature from the standpoint of a taxonomist. It has been the first time such a course was ever given here, and perhaps anywhere; the student and staff response has been most gratifying. I think I have succeeded in committing Harvard to broadening its taxonomic training in this direction, which should be a fine thing for the field in general.

I am glad to know about your copies of Molina and Gay's Atlas, and I shall wish onto Miss Sanderson, our librarian, the task of seeing whether she can get a price-estimate on them. The Atlas, at least, has appeared so rarely in catalogues, so far as I know, that it may not be possible to discover a "standard" price for it. So far as Harvard is concerned, it is in a selling rather than a buying mood in regard to books. The eventual prospect of the merger of the Gray, Arnold, Farlow and some smaller libraries is expected to produce a host of duplicates, the sale of which is expected to assist materially in equipping the new building. (The new building, however, unfortunately does not seem to be faring any too well.)

As of the moment, at least, I am planning to attend the Chicago meetings, and am hoping to have the opportunity to meet Dr. Cuatrecasas. You are to be congratulated, I think, in having him handle your new material for you. As for Dr. Johnston, the peculiarities of my present setup make it seem likely that no suggestion from me would be apt to meet with a welcoming response; I shall keep your problem in mind, however, if a good opening presents itself. Dr. Smith, as you may know, resigned his curatorship here to go to the Smithsonian, where he has taken over the South American stuff for Killip, who is "administering."

I am having a most interesting year. The Gray was promptly dumped in my lap, more or less without warning, almost as soon as I arrived in Cambridge. Everything has gone amazingly well, however, and I am basking in an undeserved local reputation as a super-administrator. I am thoroughly enjoying my contacts with the Harvard biologists - particularly I. W. Bailey, Paul Mangelsdorf, Hugh Raup, Karl Sax, Ralph Wetmore, etc. You may note a dearth of taxonomists in this list!

On the other hand, I regard this as a vacation and not a future way-of-life. Sally and Billy have been miserable with respiratory difficulties ever since we arrived, which has taken most of the edge off our social life. Next summer will, I am fully convinced, find us more than ready to start the westward trek. Our best regards to Mrs. Goodspeed, yourself, and your associates. Cordially,

March 14, 1949

Dr. L. Constance  
University of California Herbarium  
Campus

Dear Dr. Constance:

Herewith 160 specimens representing the first set of a shipment recently received from the Fourth University of California Botanical Garden Expedition in Peru.

Determination of the material of this expedition is in the hands of Dr. Cuatrecasas at the Chicago Museum. Enclosed are annotation labels corresponding to a list of identifications just received from him. Hopefully more will be forthcoming soon.

Sincerely,

THG:hm

17 March 1949

Dr. T. H. Goodspeed, Director  
University of California Botanical Garden  
Campus

Dear Harper:

It is a pleasure to acknowledge the acquisition of the first set of the Fourth Expedition material, to the extent of 160 specimens, plus numerous annotations. We enjoyed examining the specimens, and were pleased to find them interesting and excellently prepared. We will mount the material as it comes to us, and hold it until the appropriate determinations are available.

If that is acceptable, we will record the material as "deposited in the Herbarium by the University of California Botanical Garden." We thank you for your continuing interest in the South American phase of our collections.

Cordially,

*Louise Coste*  
Curator of Seed Plants

April 21, 1949

Dr. Lincoln Constance  
Herbarium  
2017 Life Sciences Building  
Campus

Dear Dr. Constance:

I am enclosing a letter from Dr. Carlos A. O'Donell, the second in command at the Instituto Lillo. Concerning the paragraphs marked you can perhaps be of some service to O'Donell.

Sincerely,

THG:jd

May 14, 1949

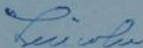
Dr. T. H. Goodspeed  
Botany Department  
Life Sciences Building  
Campus

Dear Dr. Goodspeed:

I am returning herewith the letter from  
Carlos O'Donell, which you referred to us on April 21.

We have added his desiderata to our want  
list and hope to be able to send him duplicates in  
the near future.

Sincerely,



Lincoln Constance  
Professor of Botany  
Curator of Spermatophytes

LC:we  
Encl.

May 20, 1949.

Dr. Lincoln Constance,  
Herbarium,  
Department of Botany,  
Berkeley Campus.

Dear Dr. Constance,

I am herewith turning over to the Herbarium a total of 199 specimens. These specimens represent:

1) Material of number 3862 already mounted and filed in the Herbarium. I suggest that this specimen be mounted and represent a second sheet of number 3862, showing range of variation or a different growth stage;

2) 16 specimens from the First South American Expedition recently come across and not previously turned over to you;

3) 182 specimens collected in Colombia, 58 of them by Bermudez and 124 by Gutiérrez.

Determinations of the Fourth Expedition material are being received periodically from Cuatrecasas and annotation labels for the entire collection should be available in the relatively near future

Enclosed is a list of unmounted specimens of Orchidaceae obtained from the Herbarium and forwarded to Dr. Schweinfurth who has been asked to sign a duplicate of the enclosed which has been sent to him.

Sincerely yours,

THG/EN

Write to Prof. Messer or Constance

H. G. Herbarium

58 spec.	Bermud exp	4 <sup>th</sup>
124 "	Yucatan exp	S.A.
16 "	1 <sup>st</sup> S.A. Exped	Expd

---

198 Total

---

also 2<sup>nd</sup> sheet belonging  
to #3862 which is al-  
ready mounted & filed in  
H. G. Herbarium.

June 7, 1949

Dr. L. Constance  
Herbarium

Dear Dr. Constance:

Enclosed are annotation labels for a considerable number of specimens of the Fourth UCBS Expedition collections from Peru and for a few numbers of earlier expeditions.

Also enclosed is a receipt from Dr. Schweinfurth for specimens recently sent him from the Herbarium on loan (unmounted) for study in connection with identification of the orchid collections of the Fourth expedition.

Sincerely yours,

THG:T

June 10, 1949

Dr. Lincoln Constance  
Herbarium

Dear Dr. Constance:

Confirming our recent conversation I am enclosing herewith, for inclusion in the Herbarium, photostatic copies of drawings of fifty-nine species and varieties of Nicotiana which will be published in my forthcoming monograph of the genus.

Sincerely yours,

THG:T

14 June 1949

Dr. T. H. Goodspeed  
Department of Botany  
Campus

Dear Dr. Goodspeed:

The annotations for the Fourth U. C. Botanic Garden Expedition have been received. They will be added to the specimens and the lot put through for mounting as soon as possible.

Sincerely,

*Lincoln Constance*  
Lincoln Constance  
Professor of Botany  
Curator of Seed Plants

LC/fc

14 June 1949

Dr. T. H. Goodspeed  
Department of Botany  
Campus

Dear Dr. Goodspeed:

Thank you for the photostat copies of drawings of the 59 species and varieties of Nicotiana which you presented to the Herbarium. Inasmuch as there is no data (other than name) accompanying the illustrations, perhaps it would be advisable to add data for each species from the monograph when it is available.

Sincerely,

*Lincoln Constance*

Lincoln Constance  
Professor of Botany  
Curator of Seed Plants

June 20, 1949

Dr. L. Constance  
Herbarium

Dear Dr. Constance:

With regard to the set of photostatic copies of drawings of species of Nicotiana I hope to supply the Herbarium with copies of the page proof of my forthcoming monograph containing descriptions of the species involved which can be attached to the appropriate photostat.

Sincerely,

THG:T

July 21, 1949

Dr. L. Constance  
Herbarium  
Campus

Dear Dr. Constance:

Herewith fifty-six specimens of the University of California Botanical Garden Expedition material; thirty-five of the first Expedition recently distributed, and twenty-one of the fourth Expedition collected by Gutierrez and received a short time ago from Barkley. Determination sets of the latter group have been sent to Dr. Cuatrecasas, who is naming all of the fourth Expedition collection. The former I am attempting to have determined at Instituto Darwinian, Buenos Aires, where a set was deposited at the time of collection. As identifications are received annotation labels will be sent to the Herbarium.

Enclosed are seven field labels which apparently had not yet been received when the corresponding specimens were sent to the Herbarium. For three of them descriptive labels may also have been omitted. For the remaining four, I believe descriptive labels were made from the duplicate field label and enclosed in the specimen. All seven are among the undetermined fourth Expedition collection. Also enclosed are three annotation labels and two descriptive labels for material of an earlier Expedition, which may have been omitted from specimens sent to the Herbarium.

Sincerely yours,

MT:yh  
Enclosures

28 July 1949

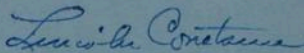
Dr. T. H. Goodspeed  
Dept. of Botany  
Campus

Dear Dr. Goodspeed:

Thank you for turning over to the Herbarium the 56 additional specimens from South America.

The various labels that you enclosed in your letter have been turned over to Miss Carter who will see that they are placed with the proper specimens.

Sincerely,



Lincoln Constance  
Professor of Botany  
Curator of Seed Plants

LC/fc

May 19, 1950

Dr. Lincoln Constance  
Curator of Seed Plants  
Herbarium

Dear Dr. Constance:

Enclosed is a large accumulation of annotation labels for specimens of the University of California Botanical Garden expeditions in the Herbarium set. A few of these correspond to determinations of Second expedition material recently received from Burkart, Schweinfurth and Asplund, certain of the latter representing corrections or alternative determinations for specimens earlier named by Johnston, as listed. In addition, of the Third expedition there are determinations by Greenman for a number of specimens of Senecio and one determination by L.B. Smith (a new species). Aside from the above the enclosed labels all correspond to Fourth expedition material named by Cuatrecasas.

Herewith I am sending the Herbarium 40 named unicates (annotation labels enclosed in specimens) of the Fourth expedition recently returned by Cuatrecasas and 14 unicates of the Second expedition named by Burkart and his associates at Instituto Darwinion, Buenos Aires.

Sincerely,

THG:T

May 23, 1950

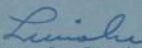
Dr. T. H. Goodspeed  
Professor of Botany  
2075 Life Sciences Building  
Campus

Dear Dr. Goodspeed:

Thank you for turning over to the Herbarium the 54 unicates from the 1st, 2nd, and 4th South American expeditions. We will send them thru for mounting at once, so that they will be available for reference.

The annotations turned over to us should take care of much of the backlog of unnamed mounted material that we have on hand.

Sincerely,

  
Lincoln Constance  
Curator of the Herbarium

LC:A

June 15, 1950

Dr. Lincoln Constance  
Herbarium

Dear Dr. Constance:

A considerable amount of authenticated living material has been accumulating at the Botanical Garden, largely products of collections made in South America and South Africa. Certain of this material I am using in research and publishing on. More is now under active investigation and being published by Mr. Paul Hutchison, ~~Mr.~~ Reid Moran and certain investigators elsewhere, particularly Dr. Uhl of Cornell and Mr. Kurtz of California Institute of Technology.

I understand that the Herbarium accepts specimens of "horticultural" origin if they have research significance. I therefore suggest that such specimens be made at the Botanical Garden of species which are under investigation and, when named and annotated, be turned over to you for mounting and inclusion in the Herbarium. In most instances duplicate specimens will be made and held at the Botanical Garden while research is in progress or distributed to collaborators. Ultimately if desired they would be made available to you for exchange.

In addition to authenticated material there are a number of plants of some research importance either incompletely or incorrectly named. Since in some cases at least it might be necessary to submit them to experts elsewhere I suggest that herbarium specimens in addition to living material be submitted to you.

To permit initiation of the above proposals will it be possible to obtain from the Herbarium such materials as genus covers, species folders and newsprint?

It may be possible to secure microscopical preparations showing chromosome number and morphology and pollen of what is above referred to. If so I presume that the Herbarium would be interested in duplicate preparations for preservation along with the herbarium specimens.

Sincerely,

THG:T

June 23, 1950

Dr. T. H. Goodspeed  
Department of Botany  
Campus

Dear Dr. Goodspeed:

In reply to your recent inquiry about obtaining such herbarium supplies as genus covers, species folders and newsprint to initiate your program of preparing specimens as vouchers of research, I may say that we will be glad to cooperate in every way possible.

It is the established policy of the Herbarium to encourage the preparation and permanent preservation of voucher specimens of research in all fields of botany. To facilitate the preservation of slides showing cytological preparations, we have prepared special slide holders so that slides may be safely mounted directly on the sheets with the voucher specimens. We feel very strongly that type specimens and other representatives of new entities should be housed in established herbaria where they will be available for study by or loan to any qualified persons.

As for cultivated material, we hope to build up our horticultural collection to a point where it will be adequate for reference in our public service work. Therefore, we will be glad to include in it representatives of many of the plants growing in the Botanical Garden. We don't feel however, that we have space for all of the horticultural varieties that may be developed and put on the market in certain groups.

Several institutions are interested in obtaining horticultural material; so, if you like, we would be glad to send out duplicates of some of the Garden material as exchange.

Sincerely,

*Lincoln Constance*

Lincoln Constance

LC:A

June 6, 1951

re Coolidge letter

Dear Lincoln:

I am surprised that via Point 4, UNESCO, etc. in Washington they have not gotten what is needed.

My only suggestion is California Academy of Sciences which they have perhaps already approached, shipping companies and importing-exporting firms with Far Eastern interests. Some of the latter, at least, have been making a lot of money recently. One of the San Francisco ones gave me a substantial sum for South American work a few years ago and will I hope do the same for this fall's Chilean collecting which I am projecting.

I would like seed and herbarium material of the New Caledonian Nicotiana species (N. fragrans and N. debneyi) and could supply \$50 to that work. Perhaps the Herbarium could find an additional \$50 and we could get a prorata share of the collections in general with some emphasis on Nicotiana?

Sincerely,

THG:T

11 June 1952

Professor T. H. Goodspeed, Director  
University Botanic Garden  
Campus

Dear Dr. Goodspeed:

We have recently initiated an exchange relationship with Dr. J. Gomes Pedro, Chief of the Department of Botany at the Centro de Investigacao Cientifica Algodoeira, Lourenco Marques, Mocambique. He is desirous of obtaining seeds of economically important plants, especially ornamental shrubs and timber trees, also legumes or grasses for soil conservation, inasmuch as his department is attempting to establish a plant introduction station.

Would you be able to supply us with any seeds which we could send him as exchange material?

Sincerely,

*Lincoln Constance*  
Lincoln Constance  
Professor of Botany and  
Curator of Seed Plants

LC:FC

July 14 1952

Dr. Lincoln Constance  
Herbarium

Dear Dr. Constance:

I do not believe that the Botanical Garden has, at the present time, any of the seed in which Dr. Gomes Pedro apparently is primarily interested.

As you doubtless know the effort has been to replace better known species in our "unit collections" by those of research importance which often times are somewhat difficult to grow and would therefore not be particularly acceptable in the type of institution which Dr. Gomes Pedro is developing.

Sincerely,

THG:T

September 10, 1952

Dr. Lincoln Constance  
Herbarium

Dear Dr. Constance:

As a matter of record I am calling your attention to 41 sheets (15 numbers) of South Central Chilean plants collected for the University of California Botanical Garden expeditions to South America by Sr. Pedro Aravena recently turned over to the Herbarium.

Sincerely,

THG:T

2079 LSB  
June 2, 1953

Dr. Lincoln Constance  
Herbarium

Dear Dr. Constance:

Confirming our recent conversation I am turning over to you some 30 collections of Ing. C. Ochoa, Ap. 324, Huancayo, Peru, which were sent through me for determination.

Ing. Ochoa would appreciate a list of his numbers with corresponding determinations, the specimens not to be returned.

Sincerely,

THG:T

UNIVERSITY OF CALIFORNIA

DEPARTMENT OF BOTANY  
BERKELEY 4, CALIFORNIA

June 3, 1953

Ing. C. Ochoa  
Ap. 324  
Huancayo  
PERU

Dear Ing. Ochoa:

From Dr. T. H. Goodspeed we have received a package containing some 30 of your Peruvian collections. As soon as we have an opportunity to study these specimens a list of determinations will be sent to you.

This material is a welcome addition to our herbarium.

Sincerely,

Lincoln Constance  
Curator of Seed Plants

LG:th  
CC: Dr. Goodspeed

December 16, 1953

Dr. Lincoln Constance  
Herbarium

Dear Lincoln:

As I indicated, hastily, yesterday the Controller's office will write a check in your favor on the Botanical Garden South American Expedition account (donations) in amount of \$150.00. They agree to let you know when the check is written in order that you may pick it up at their office.

In requesting issuance of this check I stated "The advance requested will permit him to secure and ship to Berkeley plant material required for research being carried on in the Botanical Garden." You undoubtedly know that, since it is an advance, you will on your return be required to submit to the Controller's office a vouchered accounting corresponding to the amount advanced.

I discussed with Paul a number of items which would be of mutual interest to us should you chance to come across them during your collecting. I had expected to enclose a list of such items but Paul tells me that he has already taken it to your office. Since I did not see it before submission to you I am wish to make certain further suggestions but they can go forward in a letter to await you in Valparaiso. In particular, I will send the proofs (with illustration) of description of Nicotiana longibracteata (N. frigida?) which may be of assistance in identifying this species should you chance, which I know is doubtful, to be in its area. Of the sixty species of Nicotiana I recognize there are only four which I have not grown here and this is one of them. The other South American one is in southern Argentina (Patagonia); the remaining two are Australian.

I will give Dr. Reed the scheduled date of your arrival in Valparaiso and will send the names of a few friends who might be of service to you in Chile. Should your Peruvian proposals eventuate I will have some names for you in Lima and elsewhere and perhaps suggest a few more things that you might be able to collect for me.

I am sure that the South American experience will be most rewarding -- would that I could stow away on your ship.

With every good wish,

Cordially,

THG:T

2684 Avda. Providencia  
Santiago, CHILE (S.A.)

31 March 1954

Dear Harper,

Al primero, felicitations from Sally and myself on your marriage, of which we learned from Dr. Reed upon our arrival in Valparaiso, and of which we have had confirmation from several Berkeley colleagues. Both Sally and I wish to extend our best wishes to Mrs. Goodspeed, and look forward to meeting her upon our return.

After that, I must say that I have developed rather a guilt-complex with regard to what I am going to be able to show you in return for the \$150. contribution you so generously made to me, and in recognition of your interest and helpfulness. I do have a few seeds - a couple of rather flashy *Hippeastra*, a few *Alstroemeria*, two or three *Mutisias*, and an odd assortment including the only Chilean species of *Groton*, and of *Gomortega* and *Toxicum* (sp.?). This, I am sure, you will find pretty meagre. The only time I have seen any *Nicotiana*, outside of gardens, it appeared to me to be a roadside weed, and is still guarding the roadside! Of Paul's several pages of suggestions, I have been unable to avail myself of almost any, with the exception of those devoted to the proper brands of Chilean wine. Your promised letter with proofs, etc., has never reached me; I thought that perhaps it had come to Dr. Reed, but he was in the South for some weeks, and reports he knows nothing about it. Altogether, I have not done very well for you ...

At the end of two months, the season dictates the end of my Chilean field work. I have just returned from a 20-day trip, spent mostly in the southern volcanoes, having visited the upper limit of vegetation on volcanoes Lonquimay, Llalma, Antillanca, Villarrica, and Osorno. In addition, we were at the vegetation limit at Puyenua, and earlier I was at Perez Caldera (Santiago) and Portillo (Aconcagua), <sup>✓ Lago</sup> not to mention having climbed La Campana with Sr. Garaventa. I spent several days in Concepcion, where there is now an active botanical group. Looser has promised to let me see and "mine" his herbarium, as has Garaventa. Perhaps my most useful discovery was a young Swedish botanist, Sparre, at Concepcion, who was formerly at Tucuman. He became my traveling companion (after I tried to flounder around by myself for several weeks, waited on Garaventa, etc.), and made a general collection of some three hundred numbers while I stuck to my specialities. I have contracted to purchase duplicates from him, and he has indicated his willingness to go anywhere for anything, if it can be financed; he has no car, but perhaps the "Reed motor-pool" could be drawn upon. If I could "sick him" onto your missing *Nicotiana*, I am sure he would have as good a chance as anyone of actually running it down.

In view of your own extensive experiences in this part of the world, I am sure I need not regale you with my initial crop of frustrations. My visa-form was wrong, and I spent five weeks getting all the necessary documents which that entailed, and picked up the last of Sally's this morning. Numerous people were "ready to accompany me" here, there, and elsewhere, but after days of my waiting around, they almost invariably turned out to be only theoretically available. It took three weeks to finally get in a day and a half with Garaventa, although I must say it was worth the wait, although he was also collecting seed of *Amaryllidaceae*, about ten feet ahead of me. Sparre turned out to be the only sincerely interested and generally available companion, but it took me five weeks and a trip to Concepcion to find that out. Of course, every one has been most cordial and helpful, but I have

11  
tried to content myself with accepting the possible in lieu of the ideal.

Altogether, I feel that I have gotten some idea of most of the Chilean representatives - or rather the representative Chilean genera - of my particular groups, as well as of the Chilean vegetation and topography so far as the Central and Southern sections, to Puerto Montt, are concerned. Also, I have met most of the Chileans with an interest in plants. I visited the garden at Vina, and was quite impressed by what has been done; continued support is apparently precarious, and I gave "my all" for "El plan goodspeed," in an interview with a reporter from "El Mercurio," but I then left town, and so do not know what came of it, if anything. This morning I made arrangements to study the Philippi types for the next few weeks. After that, I may return to Concepcion for a day or two, and Gally and I are seriously thinking to take a trip of a week or ten days to Buenos Aires, where I hope to meet people and see botanical institutions. However, I want to be sure I can exhaust what is available here before making too definite plans to extend my operations to other countries.

On the whole, considering the fact that it was not built for this sort of thing, the truck has done itself proud. At the moment, the tires are in a highly precarious state, and I feel the wisdom and chances of attempting to drive to Peru are essentially nil. This raises the question of how I shall get to Peru, and what I shall do with the truck; Dr. Reed wants it for one of his sons, and that may be the best bet, but Carlos Muñoz also has his eye on it, and I do not want to offend him. Parenthetically, despite the prevalent criticism of Muñoz, I believe that he is rather able and doing a good administrative job. A lot of the criticism seems to be based on divergence of political views between Ibanistas and anti-Ibanistas, and the fact that he is "administering" rather than doing intensive botanical work. After doing quite a bit of the latter in the past few weeks, I am beginning to feel that much of it could be more profitably left to younger bodies than mine has gotten to be. So far, I have been treated warmly by everyone, and I am trying my best not to get involved in any cross-fire. Fundamentally, as you know, all the "botanists" down here are amateurs, and instinctively touchy and jealous of one another; the Germans are contemptuous of the Chileans, the Chileans don't like the Germans very much, and so it goes. Next week, Carlos wants me to meet the President of the University and the Minister of Agriculture; the latter - and other major government offices - seems to change personnel monthly, so I shall bother to remember the incumbent's name just yet. Carlos thinks it would be nice for me to stay here for a year; so do I, but I've told him I can't do it. Perhaps Mr. Guggenheim will want to send me to Antofagasta, Atacama, and Coquimbo some September, but I think I shall have to wait a few more years. After all, umbel-wise, Ivan did a pretty good job with that end of the country, although I should like to see it myself. If Paul should plan to come down again in the near future, I think hiring Wilson Reed as a chauffeur and sparre as a companion and co-collector, would really pay off. I am bringing back Carlquist a couple of small "logs" of arborescent Mutiseae to compare with his Hawaiian woody composites.

I don't know that there is really much more to report. Dr. Reed is a wonderful person, as you well know, although I can't keep his seven sons straight. He took us to lunch the day of our arrival in Valparaiso, and I had lunch with him again some four weeks ago; I expect to spend a couple of days over there before long, probably before or after I go up to the Garayenta's. If you have any especial requests or commands, it would be well to get them to me this month.

Meanwhile, best regards, and hasta luego!

Sincerely,

Digitized by the Hunt Institute for Botanical Documentation

*Sarah Constance*

Berkeley 4, California  
April 30, 1954

Dear Lincoln:

Glad to have yours of some weeks ago. From various Department sources and your letters to Reed which he forwarded to me I had gained a general idea of how your plans and proposals progressed. Hard to understand your visa problem and the length of time required to adjust it.

Sparre's name sounds familiar -- perhaps I met him in Tucuman. Your estimate of the botanical atmosphere at Concepcion confirms the impression I obtained there some years ago. It is good to know that there is now someone in Chile with sufficient background and knowledge of the country to pay dividends on a collecting subsidy.

Your trip to the south should have been botanically interesting if not as rewarding as it might have been at a different season. We were fortunate in being able, twice, to start in Peru in September and work south with the spring but it meant no fruit or seed and the necessity of revisiting the most significant areas at a later season, sometimes too late. This is, of course, the most familiar of collectors' problems.

Since it appeared that it would be too late for collecting in Prov. Coquimbo and north into the Cordillera I did not send the proofs of descriptions and illustrations of the *Nicotiana* species involved. It will probably require someone's going more or less direct to the known localities and concentrating on *Nicotiana*. Perhaps Sparre might do so if it proves to be sufficiently important from my point of view and if funds can be secured.

During the last two months I have given every available moment to making the index of the *Nicotiana* volume. It is my idea of what an index should be but I now know why so few indices are like mine -- too much effort involved. What Verdooen will say when he finds out how many pages it will print remains to be seen.

There appears to be altogether too good a chance that I will become Emeritus June 30. The Regents last Friday passed their pension scheme with no exceptions to compulsory retirement at 67. Apparently the Regents committee on pensions and the Welfare Committee that advised them both forgot that there were six Carnegie beneficiaries who had a moral (and perhaps legal) right to continue until age 70. Three months ago the Regents announced that their scheme would be as good as or better than the state retirement system with the proviso that the maximum pension would not exceed 80% of the average of the three highest salary years. Sounded good to the boys who did not realize that only after 37½ years of service would they get 80% and that service prior to 1924 would not count as it does in the state system. Without such prior service counted (1909-1924) and

with three years reduction in my Carnegie benefits my situation is serious. Fortunately, Kerner is one of the six and is leading the fight for us. Kerr and Sailor have both announced that our situation will be adjusted but there is no present evidence that they expressed more than a hope.

Hope that the remaining weeks in Chile prove to be pleasant and profitable and that you can carry out the B.A. proposal. There is a lot of real botany in Argentina, as you know.

Best wishes to you and the family.

Sincerely,

THG:T

4 December 1954

Prof. T. Harper Goodspeed, Director  
University of California Botanical Garden  
Campus

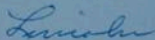
Dear Harper:

Thank you very much for your note of yesterday and the copy of your letter to Mr. Wilson of the same date. I am sorry to have been remiss in giving you my comments earlier, but I rather thought I had succeeded in turning this question over to Professor Foster's sub-committee for advice-- and then it slipped my mind, momentarily.

It seems to me that you have handled the matter as tactfully and constructively as is possible in this interim period when the staff is actively studying the many important problems involved in the future development of the Botanical Garden.

I, also, have heard that there are rumors that certain collections are to be dispensed with, and the like. So far as I know, there is no basis whatever for such reports if the wishes of this Department are to be determining in the Garden's policies. The sub-committee, Professor Foster assures me, has not even discussed such a possibility, and I can reassure you that the Department does not plan any rash action.

Sincerely,



Lincoln Constance

LC:SK

October 13, 1955

Dr. Lincoln Constance  
Curator, Seed Plant Collections  
Herbarium

Dear Dr. Constance:

I am turning over to you for use in exchange 717 specimens, the majority of which are determined, representing set V of material collected on our 4th South American Expedition. You have long since received set I, the most complete set.

The other sets of the 4th Expedition have gone to Chicago Natural History Museum, Instituto Lillo and Missouri Botanical Garden.

Determination of collections of the 4th Expedition was undertaken by Dr. Cuatrecasas and it is anticipated that he will eventually supply names for the 168 numbers still undetermined.

Please note that 11 of the specimens now being given you contain original collector's labels which presumably should go into the corresponding specimens in set I.

Sincerely,

THG:T

31 October 1955

Dr. T. Harper Goodspeed, Director  
 University of California Botanical Garden  
 Department of Botany  
 Berkeley Campus

Dear Harper:

Your letter of October 13, 1955, has just come to my attention - as you may imagine, I am not as "available" hereabouts as I might like to be - and I hasten to express my own pleasure and the appreciation of the Herbarium staff at your generosity in turning over to us the 717 specimens mentioned. We have had some little discussion as to the most advantageous place to send Set V of the 4th South American Expedition; at the moment, we are inclined to favor Geneva, but we shall let you know its ultimate destination. You may be assured that it will go to one of the "key" European institutions.

As you are aware, this is really magnificent material, and we are delighted to be able to have it to employ in this fashion. Some of our debts to European herbaria are difficult to meet, since we have no provision for sending collectors into the distant field for appreciable periods of time. This sort of a windfall is a great assistance to us.

From the copy of your letter to Dr. Anderson that you have supplied to us, we also note with appreciation and will make record of the 422 specimens recently sent to Missouri Botanical Garden from Expeditions I, II, and IV as exchange to be credited to the herbarium.

We have noted the disposition of the other sets from the 4th Expedition, the inclusion of 10 original determinations to be received from Dr. Cuatrecasas. I am also interested to note that you have received material from Dr. Ruiz Leal, with whom I have recently been corresponding concerning the Umbelliferae and Hydrophyllaceae of Mendoza.

Again, please accept our sincere thanks for this fine material.

Cordially,

*Lincoln Constance*  
 Lincoln Constance  
 Curator of Seed Plants

LC:sk

March 12, 1956

Dean Lincoln Constance  
College of Letters and Science  
Dwinelle Hall

Dear Dr. Constance:

The enclosed copy of a letter to Mr. Marshall Madison is self-explanatory.

For some years The Madison Fund has made an annual contribution of \$500 to the University in support of research on cacti and succulents carried on at the Botanical Garden by Mr. Hutchison and Mr. Kinnach with the collaboration of investigators at other institutions.

Mr. Madison is a rather enthusiastic amateur plantsman and Mr. Hutchison, Sr. Botanist at the Botanical Garden, has assisted him in landscaping and securing materials for his private garden.

He frequently visits the Botanical Garden and has from time to time expressed to Mr. Hutchison his interest in providing additional support for its various activities. He has now offered a substantial sum to permit further study of the vegetation of western South America. In addition, he proposes to approach certain of his friends who may be equally interested.

I believe that the enclosed letter should make clear to Mr. Madison the character and scope of my South American project and should call attention to its tentative nature pending its approval by the Administration of the University.

Sincerely,

THG:T

1/21/57

Proposed to  
The Lecter  
of Jan 17<sup>th</sup>

Mrs Horn - Dean  
Constance Secretary -  
pleased to say that  
Dean C. would approve  
apptment of Dr. Stork  
as Consultant in Bot -  
whenever it came through -

She agreed that appt. should  
be held until such time  
as grant was made -

Stork. Biographical  
Sent to  
Dean Constance

January 17, 1957

Dr. Lincoln Constance  
Dean, College of Letters and Science  
Administration Building  
Campus

Dear Dr. Constance:

As you know, I plan to continue botanical research in South America from September 1957 to March 1958. Following my return I wish to spend at least fifteen months here in care, distribution and study of the South American collections.

I am making a request to the National Science Foundation for a grant-in-aid to permit me to employ trained collecting assistance in South America. For the work here I am requesting funds to permit the assistance of Dr. H. E. Stork whose training and experience are known to you.

At the suggestion of the Personnel Department I am proposing for Dr. Stork the title "Consultant in Botany" at the rate of \$530 per month, on half time for 10 months (\$265/mo.). The Budget Office indicates that your approval, as Dean, is required for use of the title "Consultant."

For your further information I am enclosing a biographical statement prepared by Dr. Stork which, kindly, return to me.

If you approve the use of the title concerned I would appreciate your so informing me at your early convenience in order that I may complete the required documentation as soon as possible.

Sincerely,

THG:T

February 21, 1957

Dr. Lincoln Constance, Dean  
College of Letters and Science  
Administration Building

Dear Dr. Constance:

Confirming our recent conversation I am on the 1958-59 budget request of the Botanical Garden to be submitted through the Department of Botany, including an item of \$1500 under "Equipment and Facilities" for a small addition to an existing greenhouse which will provide facilities for plant propagation not now available.

Since there can be no assurance that this item will be granted and because the new Director of the Botanical Garden will at once find that the area currently used for propagation is inappropriate and inadequate, may I suggest that you may care to canvass the possibility that from "Closing recommendations" for 1956-57 the necessary appropriation might be made. If it were construction of the greenhouse addition could begin before the first of next year.

On a number of occasions in the past particular and pressing needs of the Botanical Garden, comparable to this one, have been met by appropriations from "closing recommendations".

Sincerely,

THG:T

April 29, 1957

Dr. Lincoln Constance  
Department of Botany

My dear Lincoln:

Would you be good enough to give me the name and address of that botanist (?) at Concepcion with whom you were in touch and who appealed to you as capable of doing effective collecting?

I would be glad to save the transportation cost of sending a North American collector to help me in the work I want to do in southern Chile if I can find a capable assistant down there.

With thanks in advance and best wishes,

Cordially,

THG:T

17 March 49

Prof. I. Harper Goodspeed  
Botanical Gardens  
Campus

Dear Professor Goodspeed:

Your talk before Rotary yesterday on General Peron and his current problems would certainly make an interesting article for CALIFORNIA MONTHLY.

Would you be able to prepare an article on the subject running about 1500-2000 words?

Your cooperation will be greatly appreciated.

Cordially

*Howard S. Cook*

Howard S. Cook  
Managing Editor

46  
3/28/49  
ack  
please

April 21, 1949

Mr. Howard S. Cook  
Managing Editor  
California Monthly  
Stephens Union  
Campus

Dear Mr. Cook:

With regard to your letter of March 17 and our subsequent conversation concerning an article on Argentina for the California Monthly, I am sorry to say that I will not be able to assist you. I have too many commitments during the next two months and, in addition, conditions in Argentina are changing so fast that the information I secured during my South American visit last fall is becoming out of date. Perhaps in the fall, if you are still interested, I might be able to prepare a more effective article than could be ready for you by the date we discussed.

Cordially yours,

THG:jd

June 2, 1949

Dr. Harold J. Coolidge  
Executive Secretary  
Pacific Science Board  
National Research Council  
2101 Constitution Avenue  
Washington 25, D. C.

Dear Dr. Coolidge:

I hear from Professor T. Harper Goodspeed of our Department that he would welcome an opportunity to spend some time in Australia and other parts of the South Pacific during the latter half of next year if he could be assured of travel costs and maintenance for himself and Mrs. Goodspeed. In view of your contact with the various agencies concerned with the promotion of scientific work in the Pacific, I thought you would like to know about this projected trip of Professor Goodspeed and that you would have suggestions to make as to possible means of implementing it.

As you know Dr. Goodspeed has for a long time been concerned with the botany of South America and has done an immense amount of work on the cytogenetics and cytotaxonomy of Nicotiana. Last fall he was in South America for the fifth time and spent three months in Argentina, Chile and Peru as the guest of the governments of those republics.

In connection with his work on Nicotiana certain problems in plant distribution in Australia and the South Pacific have come to the forefront. The problems relate in part to the relationships of South American and South Pacific species of Nicotiana as revealed by the cytogenetics of hybrids and point to a common South American origin and migration via Antarctica in past time. They have also involved study of the evolution of the Australian-South Pacific species in terms of the geologic history of the Australian area.

People in Australia and elsewhere have been most cooperative in collecting material pertinent to these studies but it would be of great importance to him to have the opportunity to examine certain evidence first hand and to make collections and observations in critical areas in Australia, the Loyalties and the Marquesas.

In confidence I may say that the Organizing Committee of the Seventh International Botanical Congress which meets in Stockholm in July, 1950 has appointed Dr. Goodspeed an Honorary President and he expects to accept this great honor. Following the Congress he could spend the period August, 1950 to February, 1951 in Australia and the South Pacific if he

could obtain the funds to cover his expenses and those of Mrs. Goodspeed who has for many years assisted him on collecting expeditions.

In Australia and along the route from Stockholm to Australia he would be glad to lecture with illustrations and give technical advice on plant improvement. In addition he has the conservation film in color based upon our National Parks which I understand you assisted him to obtain, and other material in color of the vegetation of western North America and of the conservation of the redwoods. Of some special interest might be a lecture based upon a film showing the relation between scientific research and the improvement of California agriculture. Concerning South America he has a film in color illustrating the vegetation of the west coast and a number of illustrated lectures on aspects of plant distribution in South America.

Presumably in Egypt, Palestine and elsewhere in the Near East there might be some demand for his assistance and perhaps in the tobacco growing areas of the Dutch East Indies. His long contact with the scientific aspects of tobacco breeding might be useful.

I hope you had a profitable and enjoyable visit in Australia. My own work in New Zealand following the Congress took me as far south as Stewart Island, which is certainly an incredibly good place for seaweeds. I thank you again for all the trouble you took to get me a seat on the N.R.C. plane. I profited immensely by attendance of the Congress and working in New Zealand.

With best regards,

Cordially yours,

G. F. Papenfuss

Associate Professor of Botany

GFP:T

COOLIDGE FOUNDATION

A TRUST FOR THE BENEFIT OF MANKIND

TRUSTEES

WILLIAM BURDET  
HAROLD J. COOLIDGE  
J. THEODOR CREMER



MAIN OFFICE  
70 PINE STREET  
NEW YORK 5, N.Y.

822 CITIZENS NATL BANK BLDG.  
LOS ANGELES, CALIFORNIA

10 January 1956

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

Dear Dr. Goodspeed:

Thank you for sending me the report describing the extent of the collections made by the University of California Botanical Garden Expeditions. The amount of South America that you covered is most impressive.

I am pleased that the Coolidge Foundation was able to be of some assistance to this work. I would appreciate your sending a copy of the report to Mr. J. Theodor Cremer at 70 Pine Street, New York 5, New York.

With best wishes for the New Year,

Sincerely yours,

Harold J. Coolidge

THE WOMEN'S FACULTY CLUB  
BERKELEY

The Directors of the Women's Faculty Club  
have the honor to extend to

*Dr. T. Harper Goodspeed*

the courtesies of the club house  
from *September 1, 1956 to June 30, 1957*

Sponsor

*Flora D. Gehring*  
For the Directors

September 18, 1956

Miss Gloria L. Copeland  
The Women's Faculty Club  
Campus

Dear Miss Copeland:

Please express to the Board of Directors of the Women's  
Faculty Club my appreciation of their kindness in extending  
to me the courtesies of the Club House for the current  
academic year.

Sincerely,

THG:T

August 1, 1932

Rock

Memorandum to Professor Goodspeed:-

Regarding Mr. Rock's prospective collections from China, I submit the following remarks, hoping that they may possibly be of use.

I understand that this collection is to consist of seeds and of herbarium specimens, which are to be distributed among the subscribers, the University of California retaining a complete set. The most of the subscribers apparently are interested primarily in the seeds. As to the distribution of the seeds I feel unable to offer suggestions.

As to the herbarium specimens, these will probably be of interest to only a few of the subscribers, and from my experience with collections and collectors, I would not expect enough sets for all of the subscribers. Expecting then, only a few sets, these it would seem should go only to a few great institutions.

An institution receiving unidentified specimens is inconvenienced by them, since identification is necessary for permanent filing and there is often no particular place in a herbarium for material before it is identified. This identification would probably be useful also in connection with the distribution of the seed.

The part of the University of California in identification would probably be to determine the material to the family and to make arrangements with experts for the identification to the species. We are doing exactly this kind of job

in connection with Mrs. Mexia's collections from Brazil.

The expert who identifies a collection is by convention entitled to one good specimen of each species identified. I suppose that some of the experts upon whom we must call (for example, the New York Botanic Garden and the Arnold Arboretum) will be among the subscribers. If properly approached, however, they will probably be willing to donate their services in identification as part of their subscription. One might possibly write to Dr. Merrill, to Dr. Rehder, and to Dr. W.W. Smith, explaining the situation to all three and asking each of them for suggestions as to what experts might best handle the particular families: this would probably best not be done until we have seen the collections and know in a general way what families are represented. Beyond the identification of the specimens to the families, I cannot definitely offer any help on behalf of the Herbarium. We have barely enough assistance to keep abreast of our routine work and have recently been forced to allow routine work to accumulate while carrying our special projects. However, this is not at all objectionable and conceivably we could offer as much as half of one person's time to help the work along.

HF Copeland

HENRY COPPINGER

WHOLESALE GROWER OF  
SANSEVIERIA LAURENTII  
QUALITY PLANTS  
2747 NORTHWEST SIXTEENTH STREET  
MIAMI 35, FLORIDA

Oct. 1, 1951

*cf David Borner Jr  
Los Angeles.*

Dr. Goodspeed  
Dept. of Botany  
University of California  
Berkeley, California.

Dear Sir:

We were in correspondence with Department of Agriculture of State of California, seeking information regarding collections or growers of Rare Cycads in California.

Mr. S. M. Mather of the dept. wrote that they had no knowledge of any of the above in the State, except to say that he had seen the collection at the University of California and that you might be able to help me out with the information I seek.

In my garden, I have a private and modest collection of Cycads and there are many varieties that I do not have.

I realize, there are very few growers or collectors of these plants but every now and then, growers or owners will sell or exchange a plant or so.

I do want to add a few more varieties to my collection whenever I can find some one who has one or more to sell, of varieties I do not have.

I have heard there are a few growers or collectors in your State but haven't had any success so far in getting any names or addresses.

I am wondering if you know any growers or collectors of Cycads in your State, and if so I would very much appreciate it, if when you have time, you could send me their addresses, so I could correspond with them.

I am also getting the names of different or new varieties from time to time as the encyclopedias do not list or describe all the varieties that do exist.

I would be pleased to have a list of all the varieties that you have growing at the University, if this is not asking too much, and would really appreciate hearing from you.

Yours Very Truly

*Henry Coppinger*

Berkeley 4, California  
October 8, 1951

Mr. Henry Coppinger  
2747 Northwest Sixteenth Street  
Miami 35, Florida

Dear Mr. Coppinger:

*Vicente*  
With regard to your letter of October 1 I may say  
that you should get into touch with Mr. David Barry Br.,  
11979 San ~~Vicente~~ Blvd., Los Angeles 49, California.  
Mr. Barry has supplied this Botanical Garden with other-  
wise unavailable species of the type of material you  
desire.

I am leaving in three weeks for South America. Upon  
my return in February will you be good enough to write me  
again for a list of our cycads. It is possible that we may  
have duplicate plants to exchange with you.

With best wishes

Sincerely,

THG:T

BOHEMIAN CLUB



SAN FRANCISCO

August 5, 1955

Dear Professor Goodspeed:

The enclosed letters are self-explanatory.

We would appreciate your recommendations.

Kindest regards,

Sincerely,

GROVE COMMITTEE

By *Fredrick C. Carder*  
Secretary

Professor T. Harper Goodspeed,  
2480 Virginia Street,  
Berkeley 9, Calif.

BOHEMIAN CLUB

POST AND TAYLOR STREETS  
SAN FRANCISCO 2, CALIFORNIA

Wednesday  
20 July 55

Suggestion to Grove Com.  
Re: Flower marking  
From J. W. Clise - Medicine Lodge

It would greatly increase the enjoyment of at least some, if a few of the more unusual flowers growing wild were marked by a stout stake and a small card tacked to it each season giving the common name and family.

For example - last season 3 unusually fine flower stalks of the not too common (illegible) orchid grew right beside the trail down towards the swimming hole. Only a few few people noticed them and this year they are missing - possibly dug up but more likely inadvertently pulled up by the clean-up crew.

This year a nice trillium is just past flower at the lower bend of the river trail.

A very fine lot of (illegible) roots have recently bloomed on either side of the far north end of the River Road and their red seed pods would still be interesting to many - if they saw them.

I for one would be interested in the name of saxifrage - possibly 'youth-on-age' that is now in such fine bloom along the trail down to the river.

One last suggestion - several dozen cheap sheet metal markers that could be stuck in by the poison ivy that is close enough to the trails to be touched - or even better, kill it with the proper application of (illegible) spray in all vulnerable locations.

Enough of idle suggestions.

Act on any that seem useful and if Grove budget is low for such projects this is your authority to bill me up to \$100 for any out of pocket costs involved.

J. W. CLISE

BOHEMIAN GROVE  
Monte Pilo  
California



Wednesday  
20 July 1955

Suggestion to the House Com.  
Re: Flower marking  
From Ted Cliss - Medicine Lodge

It would greatly increase  
the enjoyment of at least  
some, if a few of the more  
unusual flowers growing  
wild were marked by a  
stout stake and a small  
flag card tacked to it  
each season giving the common  
name & family

For example - last season  
3 unusually fine flower  
stalks of the not too  
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grew right beside the trail

down towards the swimming  
hole. Only a very few  
people noticed them and this  
year they are missing -  
possibly dug up but more  
likely inadvertently  
pulled up by the stream of  
weed.

This year a nice *Silene*  
is just past flower at the  
lower bend of the river trail.

A very fine lot of coral  
roots have recently  
blossomed on either side of  
the far north end of the  
River Road and their  
red seed pods would  
still be interesting to  
many - if they saw them.

I for one would be interested in the  
name of the saxifrage - possibly  
'youth on age' that it now is in such  
fine bloom along the trail down to the  
river.

One last suggestion - several dozen  
cheap sheet metal markers that could  
be stuck in by the poison ivy that  
is close enough to the seats to be  
touched - or even better, kill it with  
the proper application of horsemans spray in  
all vulnerable locations.

Enough of idle suggestions.  
Act on any that seem useful and if  
your budget is low for such projects  
this is your authority to bill me up  
to \$100 for any out of pocket  
costs involved.

— J.W. Davis

## BOHEMIAN CLUB

POST AND TAYLOR STREETS  
SAN FRANCISCO 2, CALIFORNIA

20 July 1955

Suggestion for Grove Committee  
Re: Nature Record Book  
From: J. W. Clise

A good permanently bound blank leaf journal book could be purchased for a few dollars and possibly one or more members interested would be responsible for its maintenance. Such a record has proven feasible elsewhere.

It should contain records under common name (and with Lin following in parenthesis where needed for identification) of all specimens positively identified within the Grove. It could be added to from time to time as interest and competent observers dictated.

The more popular sections would probably be

Trees  
Shrubs  
Plants  
Birds  
Animals

and possibly but not so easy - Geology, Fish, Insects.

Entries should be made in ink by some one competent person for each section. Suggestions from others could be in pencil in loose leaf sheets left in appropriate sections - as a means of calling additional items to the attention of the responsible party.

During Grove the journal could be kept in some convenient place like the counter by the postcards and at other times in the Club library.

The start of each section would involve some little time on the part of a competent volunteer - but keeping it up with later additions to each section would be relatively easy and need not ever be pushed beyond the voluntary interest in it.

If no one cares to start such a journal this year - the suggestion or some variation should not be forgotten. Maybe 1965 (sic) will be the appropriate year.

Memo on locations within the Grove might well be added in many cases.

BOHEMIAN GROVE

Monte Rio  
California



20 July 1951

Suggestion for ~~Local~~ <sup>Local</sup> Committee  
Re: Natural Record Book  
From ~~John~~ <sup>John</sup> ~~Chase~~ <sup>Chase</sup>

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November 10, 1955

Dr. F. C. Cordes  
Sec'y Grove Committee  
Bohemian Club  
Post and Taylor Streets  
San Francisco, California

re proposals Mr. J. W. Clise

Dear Dr. Cordes:

Your letter of August 5 with enclosures was received during my absence in Europe which explains delay in its acknowledgement.

Mr. Clise makes three proposals:

- 1) labelling plant species native in the Grove
- 2) establishing a perennial record of observations by members concerning the plants, animals, insects, etc. seen in the Grove
- 3) eliminating poison oak along Grove trails

The importance of the third suggestion is obvious. Either a burning or hormone spray applied somewhat after the leaves appear in the spring should in a year or two largely eliminate and certainly control poison oak.

Concerning the first suggestion the, inevitably rather conspicuous, labelling of plants occurring in the natural setting of the Grove might be frowned upon by the membership apart from the, presumably, small group especially interested. In particular, labelling such small herbaceous species as are referred to by Mr. Clise would, in my opinion, be inadvisable. However, attachment of permanent labels on characteristic and representative trees would appear to be appropriate and should add to the knowledge and enjoyment of those elements of the native vegetation on the part of many members. I understand that Prof. Frits has such a labelling program in progress.

Mr. Clise's second suggestion seems to have considerable merit and to be worthy of a trial to determine the extent to which the membership might care to record the types of observations to which he refers.

Sincerely,

THG:T