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5th Floor, Hunt Library  
Carnegie Mellon University  
4909 Frew Street  
Pittsburgh, PA 15213-3890  
Telephone: 412-268-2434  
Email: [huntinst@andrew.cmu.edu](mailto:huntinst@andrew.cmu.edu)  
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#### *About the Institute*

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

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

FUNDOS:

"LA FLORIDA"

"EL PORVENIR"



LAS HIJUELAS-CALERA-CHILE  
DIR. TELÉFONO "VERGEL"  
TELEFONO N° 5

# FABRICA DE CONSERVAS "EL VERGEL"

SOC. AGRICOLA CAMBIASO & CIA. LTDA.

Agentes exclusivos

DUNCAN, FOX & CO LTD.

Hijuelas, 3rd. of August 1953.

*Calera, Chile*

Mr. T.H. Goodspeed  
University of California  
Berkeley 4  
CALIFORNIA.

305-4-7

8351

~~54~~

Dear Mr. Goodspeed:

I am glad to write to you because we want to let you know that Edward finished his second term with an average of C, and he is attending summer courses till Monday 3rd. of August. He starts to work in a cannery in Modesto, because they have the same Vacuum pans as we do.

He is going to have his admittance test on the 22nd. of August. However he studied hard he is affraid about this exam, but we hope he can manage a good average.

We missed him very much in spite the beautiful University he is in, and sometimes he feels homesick.

Edward sent me his marks but I appreciate very much if you can explain me the averages and ask the masters for his future possibilities.

Thanks again for your kindness and sorry to disturb you.

Hoping you enjoy the summer season I send you my best regards.

AC/es

*Armando Cambiaso D.*  
Sr. Armando Cambiaso D.

Berkeley 4, California  
August 20, 1953

Sr. Armando Cambiaso D.  
Productos Cambiaso  
Galera, Chile

Dear Friend:

I have your letter of August 3 concerning Eduardo. He was admitted as a regular student in this University last September and his average grade of C in the courses he has taken is entirely acceptable but not distinguished. I believe that his work should be considered good because he is a foreign student with probably some difficulty in English and because his courses (Engineering, etc.) were difficult studies.

The examination on August 22 to which you refer must be passed if Eduardo is admitted to our College of Engineering.

I have just received a letter from the University of Santa Clara (San Jose, California) which indicates that Eduardo is applying for admission to the Engineering department of that University. Probably Eduardo plans to attend the University of Santa Clara if he fails to pass the examination for admission to our College of Engineering.

scholastic

Santa Clara is a Catholic University of good/studying and Eduardo can obtain adequate engineering training there

Altogether, I think that you should be well satisfied with Eduardo's work here and that you should encourage him to complete his studies either at this University or at the University of Santa Clara.

He has not come to see me as often as he should. Please tell him not to hesitate to come to me if he has questions or problems.

With best wishes and kindest regards,

Cordially,

THG:T

CONSERVERA CAMBIASO "EL VERGEL" S.A.

FUNDOS

"LA FLORIDA"

"EL PORVENIR"



LAS HIJUELAS-CALERA-CHILE  
DIR. TELEGR. "VERGEL"  
TELEFONO 115

M. R.  
**FABRICA DE CONSERVAS "EL VERGEL"**

~~SOC. AGRICOLA CAMBIASO SOCIAL LTD.~~

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DUNCAN, FOX & CO LTD.

*Chile*  
Hijuelas, May 25, 1954.  
A

Mr. Goodspeed  
Botanical Garden  
CALIFORNIA

Dear Mr. Goodspeed:

It has been a long time since we haven't heard from you, I hope you are in good health and enjoying yourself in California.

As you know Eduardo has studied already 2 years in Berkeley and if he gets successful grades he'll be able to come next holidays. My ambition is that he remain there us much as he can until he finishes, and learn about can manufacturers and cannery on fruits and vegetables. This is my idea and I think is very useful for him.

We doubt if Eduardo will be able to return to California, you probable have heard that since he left Chile the situation of our country in relation to the dollar has change, the rate of exchange in July was (1952) 124 chilean pesos for a dollar, and know we have to pay 345 pesos for a dollar.

This is a very hard effort mantaining him in Berkeley. We hope his conduct has been good in every time and his studies are successful; we would appreciate if you can inform us of his marks.

Thank you very much for all the trouble we have given you.

Yours sincerely,

*Armando Cambiaso*  
Armando Cambiaso D.

AC/AC

May 28, 1954

Senor Cambiasso  
Hijuelas, Chile

Dear Sr. Cambiasso:

Thank you for your letter of May 25, just received.

I am sorry that Eduardo has not kept in touch with me since first he came to Berkeley. If he had asked my advice every semester about his courses I would have advised him to take less difficult courses and fewer courses.

He did well in the summer course in English with grade A. In the fall semester '52 his average was a little below C (C is the passing grade) and in the spring semester and summer '53, his average was somewhat better than C. Last fall semester he passed (C) in only two courses and received grade D or F in three courses. This semester he is repeating two of the latter three courses and at the midterm had improved his grade in one course from F to B but in the other course he has grade F, as last semester. In addition, he has C in two courses at the midterm.

Almost every semester he has carried a heavy schedule of courses, more courses than a foreigner should attempt. Last fall his courses were almost all engineering or mathematics, too many difficult courses. As I have already said, I wish I had had the opportunity to advise him.

I can understand that the dollar exchange situation makes it difficult for you to support Eduardo here and I do not know how to advise you. It would, perhaps, have been better for Eduardo to have begun in the College of Agriculture where he could have gotten practical experience in fruit culture, canning, etc.

I hope that it may be possible for me to come to Chile again within a year. If I can be of any assistance to you in fruit breeding when I am there or bring information about canning methods etc. please let me know.

The beautiful silver plate you so kindly sent me is in an honored place in my home. It always reminds me of your splendid country and of my many good friends there.

With best wishes and kindest regards,

Cordially,

Berkeley 4, California  
March 31, 1952

Sr. Eduardo Cambiaso L.  
Las Hijuelas  
La Calera, Chile

Dear Friend:

Because of the death of my mother shortly after my return here on March 15th I have been too occupied until today to take up the matter of your admission to this University.

Now, I have discussed your situation with Miss G. Roeth of the Office of Admissions and have sent her your Bachillerato certificate. She tells me that you will be accepted for admission to this University in September if you are able to pass the examination in English for foreign students. She will send you, by airmail, the necessary credentials which will permit you to obtain a student's visa from the American Consulate in Valparaiso or Santiago.

I told Miss Roeth that you planned to become a student in our College of Letters and Science. This is the general curriculum as contrasted with the special curricula, for example in Engineering or Chemistry. It would be quite difficult for you to be admitted to such special curricula. However, after a year in the College of Letters and Science you will be allowed to change to a special curriculum if you desire and if your work is sufficiently good during that year.

I strongly recommend that you plan to take the course in English for foreign students. It is held here from July 28 to September 5 and costs \$110.00 (US). This course will prepare you to pass successfully the examination in English which will be given later in September.

By airmail I am sending you via Sr. Walbaum bulletins and other information about this University. If you have any questions or problems please write directly to me.

With best wishes to you and your father

Sincerely,

THG:T

Berkeley 4, California  
April 28, 1952

Sr. Eduardo Cambiaso L.  
Las Hijuelas  
La Calera, Chile

Dear Sr. Cambiaso:

I have your letter and am enclosing application forms for residence in International House. If you cannot live there when you first arrive, because rooms for the summer have all been assigned, I feel sure that you will be able to do so in September.

When I learned that the Registrar's Office had sent you the necessary bulletins I did not send any to Mr. Walbaum.

I should not worry about any Mathematics requirements at this University. In the first place, I feel sure that you have had courses equivalent to those which a student usually has had on entering the University. In the second place, there would not be time to prepare yourself in other courses before you leave Chile to attend the summer course in English here.

In general, I would go on the assumption that during the summer you will be able to become adjusted in many ways to the University and life in Berkeley so that at the opening of the fall semester you will feel quite at home and all the questions that now come into your mind will have been answered.

Let me know how I can serve you further,

With best wishes

Cordially,

THG:T

FUNDOS:

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LAS HIJUELAS - CALERA - CHILE  
DIA TELEGR. "VERGEL"  
TELEFONO N° 5

M. **FABRICA DE CONSERVAS "EL VERGEL"** R.

SOC. AGRICOLA CAMBIASSO & CIA. LTDA.

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DUNCAN, FOX & CO LTD.

Hijuelas, 9th April, 1952

Professor  
Mr. Goodspeed,  
University of California  
Berkeley,  
California.

Dear Professor;

Thank you very much for your letter, which I received on Monday. I was very sorry to hear about the sudden death of your mother, it was a bad news for us.

I have in my possession some bulletins, sent from the University, but not the ones you sent to Mr. Walbaum, I think he hasn't received them yet.

For the purpose of taking the English course, I am filling the application form, and sending the 5 dollar fee.

Taking the opportunity of your kind offer, I would like to ask your help once more. I need to know all about the Mathematics needed to enter the University, with details if possible, so as to be prepared in this subject, and not have any difficulty there.

Mr. Walbaum spoke to me about your offer to find me a place to live in I would like to live in the International Hall, but if this is not possible, I will go where you tell me.

If you want me to take anything for you to U.S.A., I will have great pleasure in doing so.

Thanking you again for your kind service,

With regards from my parents and my self

Yours sincerely

*Cambiasso*

Valparaiso, 23r May, 1952

Professor  
Mr. T.H. Goodspeed,  
Berkeley University,  
California,  
U.S.A.

Dear Mr. Goodspeed:

I am very grateful to you for your last letter and have to thank you for all the trouble you have gone to on my behalf.

I am sending an application form for the English Courses and for admittance at International House. I hope to arrive in San Francisco by the 28th of July and will call in to see you and to thank you personally for all you have done for me.

My father has a friend in San Francisco, Mr. George H. Mahoney whose address is 2 Pine Street, and works for W.R. Grace & Co. At father's request, Mr. Mahoney has very kindly accepted to give me a monthly allowance, from funds that father will send him. I will also be able to count on him, in case of any emergency.

Señor Juan Pradenas, Chilean Consul in California, who lives in Los Angeles, also wrote to me about Berkeley University, after he had contacted Señor Torres Rioseco, who is a Professor at the University, but father wrote back explaining that we had been fortunate enough to meet you in Chile and you had very kindly seen to the necessary arrangements concerning my entrance into Berkeley University.

Father and I were really lucky to meet you and I sincerely trust that all you have so kindly done on my behalf has not caused you too much trouble and loss of time. Everyone has been most helpful and considerate and I will most certainly bear all this in mind when I start attending the University courses, so as to make the most of my time in the States.

Once again please accept my thanks for everything; I am looking forward to seeing you soon,

Yours very sincerely,

*Eduardo Cambi*  
Eduardo Cambi

UNIVERSITY OF CALIFORNIA

OFFICE OF THE  
DIRECTOR OF ADMISSIONS  
BERKELEY 4, CALIFORNIA

April 4, 1952

*file*  
AIR MAIL

Mr. Eduardo Cambiaso-Laneri  
Las Hijuelas  
La Calera, Chile, So. America

Dear Mr. Cambiaso:

Dr. Goodspeed has presented your Diploma of Bachiller from Chile and has advised me that you are interested in registering in the College of Letters and Science of the University of California.

I am enclosing letters approving your admission for the Summer and Fall sessions of 1952, provided you are able to pass a satisfactory examination in English, which may assist you in securing your passport. The required examination in English will be given by the University of California after you arrive in Berkeley.

At the time of registration, you will be required to present an official certificate showing that you have been vaccinated against smallpox within the last seven years.

During the summer there will be two six-week summer sessions, the first opening on June 21, and the second, on August 2. The regular Fall Semester will open on September 15, 1952.

There will also be an English Language Institute for Foreign Students from July 28 to September 5. Information and application for this institute are enclosed.

As soon as you arrive in Berkeley, you should call at the office of the Director of Admissions, Room 127 Administration Building, on this campus, in order to obtain instructions regarding the registration procedure and to fill out a formal application for admission.

Very sincerely yours,

GJR:nd

Enclosures:

Admission letters (3)

Foreign student pamphlet

English Lang. Course information  
and application

G. L. ROETH

Administrative Assistant

✓ Copy to: Dr. Thomas H. Goodspeed  
2079 Life Sciences Bldg.  
Campus

March 10, 1954.

Dr. T. H. Goodspeed  
Botany Department

Dear Dr. Goodspeed

Enclosed are the seeds you requested. The last *petunioides* seed we obtained failed to germinate. Could we get a small sample, if you have any available?

Many thanks.

Sincerely,



D. R. Cameron  
Assoc. Geneticist

## MEMORANDUM

To Dr. D. R. Cameron

Date 3/15/54

Genetics

Dear Don:

Many thanks for the seed of three species of *Nicotiana* recently received. Enclosed is a packet of seed of *N. petunioides*, 1953 seed from a new accession received in 1952 which germinated freely for us.

Sincerely,

Name of department Botanical Garden

Campus

Signed

February 4, 1955

Dr. Don Cameron  
348 Hilgard Hall  
Campus

Dear Don:

Of the species of *Nicotiana* on the list you left in my office I can supply *N. cordifolia*, *N. petunioides* and *N. linearis* (packets enclosed).

*N. anaghinoi*, *N. ingulba* and *N. stenocarpa* have, so far as I know, never been in cultivation.

The remaining species on the list we have not been able to maintain because of failure to produce viable seed. However, we are still attempting to germinate *N. fraxinea* and I am enclosing a small packet you may care to try. I hope you will have more success than we have had.

Sincerely,

THG:T

February 15, 1957.

Prof. T. H. Goodspeed,  
Department of Botany,  
LSB

Dear Dr. Goodspeed:

I have sent available reprints to Mr. Baluch and suggested that he might get in touch with Prof. H. H. Smith at Cornell about work on heterosis in the genus.

Sincerely,

*Dan*

D. R. Cameron  
Associate Geneticist

DRC:w

October 4, 1948.

Dr. Charles L. Camp,  
Museum of Paleontology,  
Berkeley Campus.

Dear Dr. Camp,

Although as yet it has not been possible to germinate samples of all of the very numerous seed collections sent to the Botanical Garden by Mr. Robert J. Rodin who represented the botanical aspect of the University's expedition in South Africa, it is evident that he has made a noteworthy contribution not only to the plant material growing in the Botanical Garden but also to knowledge of the floras with which he came in contact.

To judge by the character and quality of the living plants, bulbs, cuttings and seeds received by the Botanical Garden, Mr. Rodin collected judiciously over a large area, much of which is of unique botanical interest and some of which apparently has not previously been equally well examined botanically. I anticipate that when his material in the Botanical Garden has become sufficiently mature to be subjected to critical study, it will be found to contain a considerable number of new or little known species.

May I congratulate you and Mr. Rodin upon the outstanding character of the botanical contributions made by the University's South African expedition and express my appreciation of the cooperation which the expedition has extended to the Botanical Garden.

Sincerely,

P.O. Box 191  
Phoenix, Arizona  
April 18, 1948

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

Dear Dr. Goodspeed:

Your offer to send me your book on parks in Montevideo was very kind. I would like to take advantage of it, if it would not be too much trouble. If you would rather do this through the library here, Miss Dorothy Burge, the librarian, would be pleased to handle it. I say this because I know anyone would feel safer lending a book from his library to some responsible department, rather than to a total stranger.

I have written to the sources which you listed in Buenos Aires and Rio de Janeiro, but have not heard from them yet. I feel sure that I will get an answer soon.

Thank you again for your letter and the interesting information about the West Coast of South America.

Yours truly,

*Paschall Campbell*

*Wm* Paschall Campbell

July 16, 1948.

Mr. Paschall Campbell,  
P. O. Box 191,  
Phoenix, Arizona.

Dear Mr. Campbell,

I have not forgotten my agreement to send you a book dealing with horticulture in Uruguay. Unfortunately I cannot find it. My delay is the result of repeated searches.

Regretting that I have not been able to cooperate with you more effectively and with best wishes,

Sincerely yours,

THG/EH

August 19, 1948

AIR MAIL

Mr. Ward M. Canaday  
Willys Overland Corporation  
Toledo, Ohio

Dear Mr. Canaday:

The proposals for agricultural development in St. Croix, which we discussed at Bohemian Grove, were of some special interest to me. For many years I have been concerned with the search for new or little known plants of potential economic, as well as scientific, interest in subtropic South America. The four plant-hunting expeditions I have directed down there have brought back the most comprehensive accumulation of botanical information ever obtained in the areas we covered. Early in October I will be in South America again and hope to be able to organize another expedition which will cover regions not yet explored.

In the thought that what we have done and propose to do in South America may have some interest for you, I am sending a copy of my book, "Plant Hunters in the Andes," and reprints of a few articles dealing with our later expeditions.

If I knew a little more about general agricultural and climatic conditions on St. Croix, I might be of some service in the various matters we discussed. In particular, it is possible that this fall, when I am in South America, I might find plants of economic importance which would be worth a trial in your project.

With best wishes,

Cordially,

THG:jd

# WILLYS-OVERLAND MOTORS, INC.

TOLEDO 1, OHIO

CHAIRMAN OF THE FINANCE COMMITTEE

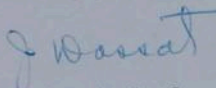
August 24, 1948

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

Dear Professor Goodspeed:

In Mr. Canaday's absence, I wish to thank you for your letter of August 19th which I am forwarding on to him in Vermont where he is spending a little time. Thanks in advance also for the book "Plant Hunters in the Andes" which I shall bring to Mr. Canaday's attention when it comes in.

Cordially yours,



Secretary to Mr. Canaday

D

WARD M. CANADAY  
GALAXY HILL  
POMFRET, VERMONT

My Dear Professor Goodspeed:

Your interesting note of  
August 19 reached me here  
today and I hasten to thank  
you to tell you that I  
am looking forward with  
keen delight to the unfolding  
of the possibilities growing out  
of your visit at the greenhouse.

My secretary will send me  
the book "Plant Hunters in the  
Andes" as soon as it arrives.  
It sounds fascinating.

My plan is to be here through  
October then in Toledo till  
February - at St Croix from  
February through April. Let  
me know your plans. I hope  
we may get together for a  
more specific discussion before  
you go again to S. America.

The possibilities of your unique  
knowledge, combined, experimental

plant research with the all important  
economic factor, arouse my enthusiastic  
imagination. Please don't hesitate to  
give me the benefit of any specific  
suggestions.

My memory of the fantastic  
your experience is colored & narrowed  
particularly by my good fortune in  
meeting you there.

Very Sincerely  
Wood Canada

8-26-48

September 2, 1948

Mr. Ward M. Canaday  
Galaxy Hill  
Pomfret, Vermont

Dear Mr. Canaday:

Thank you for your kind letter of August 16. I hope that I may be able to be of some service in connection with your St. Croix proposals. My many years of botanical work in South America have produced considerable of scientific importance. Until our conversation at the Grove I saw no real possibility of determining whether some of the evidence which we are obtaining down there could make any other more practical contribution.

We leave by air for South America on October 4 and I must be back at the University by December 15th. As I may have told you I have been appointed President of one of the Sections of the Congress of South American botanists. It will be held October 10 to 17 in Tucuman which is in the semitropical zone of Northwestern Argentina where tobacco, cotton and citrus are grown. From local authorities and some of my botanical colleagues who will come to the Congress from the Caribbean and from subtropical South and Central America I should be able to accumulate some information of interest to you.

After the Congress I will have six weeks for plant hunting. On the possibility that I can find something of mutual interest I plan to spend much of this period in Peru. In the time available I will at least be able to revisit the approaches to the Peruvian rain forest where there is an alternation of dry and wet seasons, and some rather remarkable native plants of potential economic importance of which I hope to collect seeds or other propagative parts. Only a few of these species are grown commercially in small amount and for local consumption. Certain of them, particularly drup plants, should be profitable on a mass production basis but there would of course be the question of a sustained market after cultivation problems had been solved. In addition to such new crops there are a number of standard Peruvian ones in addition to sugar, cotton and tobacco. The Tropical Experiment Station maintained jointly by the Peruvian government and ours will have reliable information or cultural requirements. Most of the semitropical plants of agricultural importance grown in Peru are also grown elsewhere in parts of Central and South America and the Interamerican Agricultural Institute in Costa Rica would have additional information about them.

These are, obviously, only very general suggestions which emphasize the importance of initially accumulating a good deal of specific evidence some of which I could get in South America this fall. Probably you already have a good deal of this background but if not I don't know whether you want to go into the matter in this way or to such an extent. If you do I will need information about climatic,

Mr. Ward M. Canaday

September 2, 1948

2

soil and other conditions in St. Croix and to know something about past agricultural experience there. I am writing to my friend B.Y. Morrison, Principal Horticulturist, Plant Industry Station, Beltsville, Maryland, who should be able to direct me to sources of such information.

There is the possibility that I will accept an invitation from the Council of Scientific Investigation in Spain to spend some months there next spring to lecture and organize botanical research. In this case Mrs. Goodspeed and I would leave here late in March. If we travel to Europe either by ship from San Francisco or by air from New York I presume that a stop over in the Caribbean and transportation to St. Croix could be arranged if at the time it should seem to you desirable that we discuss your project on the ground. To do so would certainly be extremely interesting to me.

With all good wishes

Faithfully yours,

THG:T

# WILLYS-OVERLAND MOTORS, INC.

TOLEDO 1, OHIO

CHAIRMAN OF THE FINANCE COMMITTEE

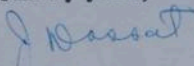
September 13, 1948

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

Dear Professor Goodspeed:

I am enclosing copy of letter which Mr. Canaday has received from Mr. Ben R. Foster, Director of the U.S. Agricultural Experiment Station at Christiansted, St. Croix, Virgin Islands, containing information about climatic and soil conditions there which may prove helpful to you in your search for plants adaptable to this island.

Cordially yours,



Secretary to Mr. Canaday

D

COPY

UNITED STATES DEPARTMENT OF THE INTERIOR

Government of the Virgin Islands

Christiansted, St. Croix, V.I.

September 3rd, 1948

Mr. Ward M. Canaday  
1052 Spitzer Bldg.  
520 Madison Avenue  
Toledo 4, Ohio

Dear Mr. Canaday:

I am sending you some information that would help Professor T.H. Goodspeed in determining whether plants would be adapted to St. Croix.

*The following*  
Attached chart shows the temperature, relative humidity and average rainfall for the island by month for a period of ten years. The temperature and rainfall vary in different sections of the island, with soils varying from heavy clay to loams and sand with the pH ranging from alkaline in drier areas to acid in sections with heavier rainfall. In most areas the pH does not go below 5.0.

Copy above chart  
Any plants that are to be grown in the Virgin Islands must be able to withstand periods of severe drought during the spring and summer months.

We will help in every way possible to make any importations of economic plants a success.

Sincerely yours

Ben R. Foster  
Director

5 copies

Temperature at Experiment Station in St. Croix  
for 11-year period

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>Apr.</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug</u>	<u>Sept</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
Av. Temp.	76.0	75.4	76.0	77.6	79.6	80.9	81.4	81.6	81.1	79.9	78.2	76.6
Av. Max. Temp.	82.6	82.7	83.4	84.7	86.5	87.9	88.2	88.7	88.4	87.3	85.1	83.4
Av. Min. Temp.	69.5	68.2	68.6	70.4	72.8	73.9	74.5	74.4	73.8	72.5	71.5	69.7
Highest Temp.	87	89	89	90	91	92	92	94	92	92	90	87
Lowest Temp.	58	55	58	61	66	67	67	67	66	65	63	58

Humidity ranging from 76 to 80 with most months averaging about 76. Average rainfall 43 in. ranging from 31 inches to almost 70 inches.

Average rainfall by Months from 1931 to 1941

	<u>Jan.</u>	<u>Feb.</u>	<u>March</u>	<u>Apr.</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
Av. rainfall (inches)	3.21	1.52	1.46	2.33	4.79	2.99	3.38	4.02	6.15	6.38	5.60	3.12

Temperature at Experiment Station in St. Croix

for 11-year period

The following chart shows the temperature, relative humidity and average rainfall for the island by month for a period of ten years. The temperature and rainfall vary in different sections of the island, with soils varying from heavy clay to loams and sand with the pH ranging from alkaline in drier areas to acid in sections with heavier rainfall. In most areas the pH does not go below 5.0. Any plants that are to be grown in the Virgin Islands must be able to withstand periods of severe drought during the spring and summer months.

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>Apr.</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
Av. Temp.	76.0	75.4	76.0	77.6	79.6	80.9	81.4	81.6	81.1	79.9	78.2	76.8
Av. Max. Temp.	82.6	82.7	83.4	84.7	86.5	87.9	88.2	88.7	88.4	87.3	85.1	83.4
Av. Min. Temp.	69.3	68.2	68.6	70.4	72.8	73.9	74.5	74.4	73.8	72.5	71.3	69.7
Highest Temp.	87	89	89	90	91	92	92	94	92	92	90	87
Lowest Temp.	56	55	58	61	66	67	67	67	66	65	63	58

Humidity ranging from 76 to 80 with most months averaging about 76.

Average rainfall 43 in., ranging from 31 in. to almost 70 in.

Average rainfall by months from 1931 to 1941

	<u>Jan.</u>	<u>Feb.</u>	<u>Mar.</u>	<u>Apr.</u>	<u>May</u>	<u>June</u>	<u>July</u>	<u>Aug.</u>	<u>Sept.</u>	<u>Oct.</u>	<u>Nov.</u>	<u>Dec.</u>
Av. rainfall (inches)	3.21	1.52	1.46	2.33	4.79	2.99	3.38	4.02	6.15	6.38	5.60	3.12

Temperature at Experiment Station in St. Croix  
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Av. rainfall (inches)	3.21	1.52	1.46	2.33	4.79	2.99	3.38	4.02	6.15	6.38	5.60	3.12

September 22, 1948

Mr. J. Dossat  
Secretary to Mr. Ward Canaday  
Willys-Overland Motors, Inc.  
Toledo, Ohio

Dear Mr. Dossat:

Your letter of September 13 addressed to Dr. Goodspeed has been received without the enclosure to which you refer -- copy of a letter from Mr. Ben R. Foster, Director of the U.S. Agricultural Experiment Station at Christiansted, St. Croix, Virgin Islands, containing information about climatic and soil conditions there.

Some three weeks ago Dr. Goodspeed received a letter from Mr. Harry E. Taylor, Administrator for St. Croix, who wrote at the request of Mr. Canaday and referred to forwarding under separate cover a copy of the report of the Director of the Agricultural Station for the fiscal year 1947-48. The report has not yet been received.

I am bringing this matter to your attention and also to Mr. Taylor's since Dr. Goodspeed is leaving very shortly for South America and it would be helpful for him to have the information referred to before his departure.

Cordially yours,

T

Secretary to Dr. Goodspeed

# WILLYS-OVERLAND MOTORS, INC.

TOLEDO 1, OHIO

September 24, 1948

CHAIRMAN OF THE FINANCE COMMITTEE

Mrs. Mildred Thompson  
Secretary to Dr. Goodspeed  
Botanical Garden Expeditions to the Andes  
University of California  
2079 Life Sciences Bldg.  
Berkeley 4, California

Dear Mrs. Thompson:

This will acknowledge your letter of September 22nd addressed to Miss Dossat who is on vacation.

I am sorry for the over-sight and enclose herewith another copy of Mr. Ben R. Foster's letter and chart of temperature and rainfall on St. Croix.

With kind regards and best wishes to Dr. Goodspeed for a successful trip.

Sincerely yours,

*K. Liden*  
Secretary to Mr. Canaday.

L

# WILLYS-OVERLAND MOTORS, INC.

TOLEDO 1, OHIO

CHAIRMAN OF THE FINANCE DEPARTMENT

December 27, 1948

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

Dear Professor Goodspeed:

I want to apologize for this long delay in writing to you. A number of events transpired during the summer and I have just returned from a meeting of the West Indian Conference in Guadeloupe.

I presume by this time you have been to South American and returned. Please drop me a line telling me of your plans so that if possible I can try to coordinate my plans with yours and invite you again to the Virgin Islands.

Sincerely yours,

*Ward M. Canaday*

WMC:D

January 17, 1949.

Mr. W. M. Canaday,  
Willys-Overland Motors, Inc.  
Toledo 1, Ohio.

Dear Mr. Canaday,

Thank you for your letter of December 27 which arrived just after our return from South America.

I had planned to take Sabbatical leave of absence from February to September of this year to accept an invitation to lecture in Spain and thought that it might be possible on the way to Europe to accept your kind invitation if you were to be in St. Croix this spring. Illness in my family has, however, required postponement of my leave until the half year beginning July 1. My wife and I hope to be in Europe from September to November but I presume that neither month falls within the period of your usual stay in the Virgin Islands. Should my University duties during the next few months prove to be light, I might be able to spend a short time in St. Croix. In any case I very much appreciate the renewal of your invitation by which I might be able to be of some service to you.

My ten weeks in South America were profitable from a number of viewpoints. However, I had to wait so long for disturbed political conditions in Peru to settle down that I had less time there than anticipated to obtain information about and material of new or little known plants of potential commercial importance which might be worth a trial in St. Croix. I expect soon to have suggestions from the Brazilian agriculturalists I met and with whom I discussed your problem. There are parts of southern Brazil where certain special crop plants are being successfully grown under conditions not too different from those in the Virgin Islands. I hope to get something of a report to you in a few weeks.

For two years a Polish collector long resident in Peru has been making botanical surveys for this University under my direction, particularly of the distribution of the almost unknown Peruvian orchids. He probably knows more about where in Peru to find desirable plants of all kinds than anyone else. When I was with him in December we discussed in detail certain leads we had

concerning plants that might interest you and mapped areas to be explored for them.

This collector's work in Peru has been financed by donations to this University which were expended on my requisition. These funds, donated by individuals and scientific institutions, are now exhausted. Whether you would have any interest in making it possible to continue the Peruvian plant exploration I do not know but if so I can give you a specific proposal with estimate of monthly cost. From my past plant hunting in Peru and this more recent work much information of botanical importance has been derived and I can guarantee that more of equal value can be expected. So far as information and plant material of interest to you is concerned I can, of course, give no such guarantee although obtaining such information and material would be the first objective of the proposed continued plant exploration.

With best wishes for the New Year and kindest regards,

Cordially,

THG/EN

# WILLYS-OVERLAND MOTORS, INC.

TOLEDO 1, OHIO

CHAIRMAN OF THE FINANCE COMMITTEE

January 27, 1949

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

Dear Professor Goodspeed:

I deeply appreciate your splendid letter of January 17th and was glad to hear from you, although sorry to learn that you have had illness in your family since I saw you. I do hope this is not continuing or serious.

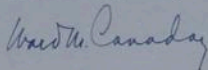
Since I talked to you, we have had Mr. Ralph Will, Assistant to the Secretary of Agriculture down at St. Croix, together with a number of other fellows. There is some possibility that the Agricultural Experiment Station in the Virgin Islands may be put under the Department of Agriculture. This is where it belongs. This, of course, would involve planting that would probably incorporate the ideas you have suggested.

I am taking the liberty of sending to Mr. Will copies of my correspondence with you and am also sending copies to Mr. William H. Hastie, Governor of the Virgin Islands, Mr. Harry Taylor, Administrator of St. Croix, and Mr. Joseph Alexander, President of the Chamber of Commerce.

In the meantime, I would suggest that you write me in more detail covering the suggestion of the last paragraph of your letter.

My plans for being in St. Croix are a little bit subject to change this spring, but do keep in touch with me as to your plans and we will see if we can't make our plans work out to meet them.

Sincerely yours,



WMC:D

Dept. of Botany  
Berkeley 4, California  
February 11, 1949

Mr. Ward M. Canaday  
Willys-Overland Motors, Inc.  
Toledo 1, Ohio

Dear Mr. Canaday:

Thank you for your kind letter of January 27th. It is encouraging to know that solving the agricultural problems of St. Croix may become the responsibility of the Department of Agriculture. Of recent years certain of its experts have become aware of similar problems in a number of parts of the world.

The proposal for continuation of plant exploration in Peru, to which I referred in my last letter and upon which you suggested that I comment, would involve financing as follows. Hire of one or more collectors and native assistants, cost of transportation of personnel and collecting equipment from headquarters in Lima to and from areas to be explored, air freight charges on shipments of living plants, bulbs, seeds and cuttings from Peru to California, hire of technical assistance during preliminary testing in the Botanical Garden here of plant introductions from Peru of potential importance for you.

Continuing inflation in Peru makes it difficult to estimate the cost of the proposal but I believe that it could be carried out for a total of \$25.00 per month. In my experience less than six months work would be of doubtful value and thereafter it would be continued as long as it paid dividends in terms of the objective and / or as long as you cared to finance it.

As I said in my last letter the objective would be twofold: to secure scientific information concerning the vegetation of botanically unknown areas in the Peruvian Andes and adjacent regions and at the same time collect material and information of potential significance for the agricultural rehabilitation of St. Croix. Actually, these two aspects of the proposal would complement each other, the former being more or less indispensable for the success of the latter. Experienced collectors who have been for some years working in Peru under my direction would carry on the proposed plant exploration according to a specific plan of operation which I would prepare and which would be based on my rather long contact with the Peruvian vegetation. With its arid, semi-arid and subtropical to tropical subdivisions Peru is a quite remarkable republic vegetationally and has been the source of a number of the most commercially valuable plants and plant products.

Needless to say, it would be a source of large personal satisfaction to me if my South American plant explorations could be continued.

They have become a recognized activity of this University which officially accepts donations of funds for their support and expends them as authorized by me.

My plans for the next few months are still a bit indefinite because of the condition of my mother. Although she is approaching 87 years her health has been remarkably good up to recent months. Our return from South America appeared to encourage her and I hesitate to plan another extended absence for some time. However, I still hope that there will be an opportunity to see St. Croix.

With thanks again for your kind interest and with best wishes

Cordially,

THG:T

# WILLYS-OVERLAND MOTORS, INC.

TOLEDO 1, OHIO

February 14, 1949

CHAIRMAN OF THE FINANCE COMMITTEE

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

Dear Professor Goodspeed:

With your good letter today there arrived at my desk another interesting letter from Ralph R. Will, Administrative Officer of the Department of Agriculture, whom you doubtless know.

His letter referred to plans that are now under consideration for getting the agricultural program of St. Croix organized under the Department of Agriculture.

It would seem to me, therefore, that plans for the Islands should be coordinated with such a program and for that reason I am deferring the consideration of any additional action until this phase of the matter is settled. Meanwhile, I shall keep in touch with you and I hope you will with me.

I do hope you will have the good fortune of having your Mother with you for many years to come. My own Mother died two years ago at the age of 90 and was a great satisfaction to me in having her interest and support until the very last days of her life.

My warm good wishes.

Sincerely yours,

*Ward H. Canaday*

WMC:L

February 24, 1949

Mr. Ward Canaday  
Willys-Overland Motors, Inc.  
Toledo 1, Ohio

Dear Mr. Canaday:

Thank you for your early reply to my letter concerning support for continuation of plant exploration in South America. Until I heard from you I had delayed the disbanding of my Peruvian collecting organization.

In view of the new outlook for agricultural development in St. Croix, I doubt whether the advice on suitable new or specialty crops that I have requested from South American colleagues would be particularly pertinent. However, if anything outstanding appears, I will refer it to you or to the proper member of the agricultural service.

With best wishes.

Sincerely,

Berkeley 4, California  
August 6, 1951

Mr. Ward M. Canady  
Willys-Overland Motors Inc.  
Toledo 1, Ohio

Dear Mr. Canady:

It was a great pleasure to see you again at the Grove and to hear more of your St. Croix project.

I have reread the 1947-48 Report of the Christiansted Agricultural Station and certain rainfall records you sent me after our first conversation in the Grove. Obviously, plants to be grown on St. Croix on a commercial basis must be either rapid in maturing a crop or capable of withstanding periods of considerable drought.

In the report of the Christiansted Station I noted that no tropical fruits other than pineapple and bananas had been tested for growth and yield in St. Croix. I am enclosing a copy of "New Crops for the New World" and the first chapter on "The undeveloped field of tropical fruits" contains some perhaps important suggestions and there are others in Chapters 15 and 16 concerning other types of crops. If the plants referred to which appear to be adaptable to the St. Croix climate have not been tested I should think that they should be and I judge that the Christiansted Station has the necessary facilities for such tests. In addition to them there are other semitropical South American species which are largely unknown but are certainly worthy of notice and probably of testing. Without study of the agricultural background of the Virgin Islands and knowledge of results of past introductions I could not make any recommendations but it seems clear that there are possibilities worth exploring.

In our recent conversation I suggested that of the various proposals you mentioned the development of superior tourist facilities on your St. Croix property seemed to me of first importance. Surrounding such a development there could be a unique garden of tropical and subtropical ornamentals with new or improved varieties of species already grown in Caribbean gardens and, in addition, some of the remarkable South and Central American decorative plants which are largely unknown in horticulture. A few of the latter are referred to in Chapter 13 of "New Crops for the New World" and my South American plant explorations have turned up a good many more. A topographic map and photographs of the area to be developed should permit Professor Vaughan, whom you met with me at the Grove and who is head of our Dept. of Landscape Design, to make valuable suggestions on landscaping a garden.

As I think I told you I am to be in South America this fall and winter at the request of the Chilean government whose agricultural ministry I have been advising for many years. At the same time I

want to continue my survey of the composition and distribution of the vegetation of western South America. In Colombia, Ecuador and Peru this survey could emphasize search for ornamentals, fruits and forage plants of potential value for introduction in St. Croix.

I have available two experienced American plant collectors, one of whom was with me before in South America, who could assist me in this survey. The governments of the republics mentioned above are interested and ready, as in the past, to cooperate with me. W.R. Grace and Co. will give me a reduction on passenger fares and carry our collecting equipment and return to California the non-perishable products of the expedition free of charge. This University will sponsor the project and donations to make it possible will be received by the University and thus be deductible from income tax. The principal cost of the work will be transportation to and from South America and maintenance there for the two collectors. In addition there will be cost of my transportation in South America and my maintenance following my stay in Chile. I will require no salary and the collectors ask only a minimum one. Other costs include local transportation, hire and maintenance of guides, helpers and pack trains and air express charges on perishable plant material from South America to California or St. Croix. In addition to funds left over from a previous South American expedition I will need \$4800 and hope that you may care to provide it.

I certainly would look forward to seeing St. Croix with you, particularly in the hope that I could be of some service to you. My mother's condition is such that I can make no plans for another month. Thereafter the Drs. will know what is best to do for her because I cannot provide adequate care at home. Perhaps November rather than October would be a more possible time for me should it suit your convenience.

With all good wishes

Cordially,

THG:T

# WILLYS-OVERLAND MOTORS, INC.

TOLEDO 1, OHIO

OFFICE OF THE PRESIDENT

August 10, 1951

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

Dear Doctor Goodspeed:

Your letter of August 6 with the book "New Crops for the New World" which you so kindly sent to me with your letter, has been received.

It now seems that I shall be in St. Croix the latter part of October for about a week. Your letter I note indicates that you will be going to South America in November. I wonder if it would be possible that your trip might be made to coincide with my own or by extending my trip there for a few days I might have the pleasure of being there with you as you are on your way to South America.

My official scheduled time in St. Croix is October 29 through November 3 at which time the Caribbean Commission meets there this year. I would try to extend my stay a few days beyond that date if that could be made to coincide with your own visit.

Your suggestion regarding the South American exploration stimulates my definite interest. I should like to pursue this with a more precise analysis of what we would propose to accomplish and then to follow this up with the local government in St. Croix and with the Agricultural Department to determine in some detail our objective and the practical results to be obtained from the expedition. Sometime within the next week or two I shall

Professor Goodspeed

-2-

August 10, 1951

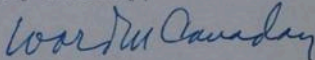
write you again more fully and I shall be glad if you will develop the next to the last paragraph of your letter as specifically as you can as a basis for my analysis.

This letter is written hurriedly but with warm regards and deep appreciation of your helpfulness and interest.

You will be shocked I know to learn that our mutual dear friend Orie Johnson died suddenly a week after he returned home from the Grove.

With warm regards.

Very sincerely,



President

WMC:JD

EW

Berkeley 4, California  
August 20, 1951

Mr. Ward Canaday  
Willys-Overland Motors, Inc.  
Toledo 1, Ohio

Dear Mr. Canaday:

Thank you for your kind letter of August 10th. To continue my South American plant explorations I am asking for leave from this University beginning November 1st but I could undoubtedly get away some days earlier. Indeed, if there are good connections by air I might be able to reach St. Croix before November 1st. I would then plan to go on direct to South America.

You ask that I be more specific about what might be accomplished by the South American expedition I outlined. As in my five previous expeditions there, all privately financed, the primary objective would be the securing of scientific information concerning the composition and distribution of the floras of western South America. I can assure you that what I have learned in the past on that subject has had practical significance for both Americas and has made a distinct contribution to mutual understanding and goodwill between them. In addition I may say, imconfidence, that some of my South American work has had a relation to improvement of hemispheric defense. As a result those persons who in the past aided me financially have had reason to feel a certain satisfaction in having been largely responsible for what I have been able to accomplish.

Beyond the primary objective it should be possible to obtain new or little known plants (trees, shrubs, vines, herbaceous perennials) of potential ornamental value for the ultimate creation of a unique inter-American garden of semitropical species which could become a permanent tourist attraction on St. Croix. It is possible that certain of the introductions might be so well adapted to St. Croix conditions and sufficiently valuable as cut flowers for export that they would represent a limited addition to the agricultural products of the island.

Concerning the possibilities of introductions of species of potentially large agricultural, industrial or medicinal importance I cannot be so specific. "New Crops for the New World" refers to semitropical American plants which are thought to have a future in the Caribbean. Further, there are references to Old World and Far Eastern species which by selection and breeding have in South America been adapted to a climate like that of St. Croix and therefore might have a future there. Both types of plants could be secured by the proposed expedition.

On the basis of long experience in plant introduction I know that there will be many disappointments and that no quick returns can be antici-

August 20, 1951

pated. It is too early to say whether South American plant material should be sent direct to St. Croix or via the Botanical Garden here. In certain cases it would probably be possible only to locate a source of supply in South America for future importation at a favorable season. In any case facilities for testing introductions, over a considerable period of years perhaps, should be made available and the Experimental Station at Christiansted might be approached in this connection.

The report of Oris Johnson's death in the local newspapers was hard to believe after being with him at the Grove only a few days before. His support of scientific research in his field of interest and his encouragement of young students will be greatly missed.

With all good wishes

Cordially,

TG:T

Berkeley 4, California  
September 4, 1951

Mr. Ward M. Canaday  
Willys-Overland Motors Inc.  
Toledo 1, Ohio

Dear Mr. Canaday:

Since my last letter to you it has become necessary to have immediate assurance that I can continue my botanical explorations at least in Chile during my stay in South America this fall and winter. This meant that I had to obtain additional funds. You will be glad to know that Charles Kendrick has generously agreed to finance a Chilean expedition.

I hope that you will decide to support the collecting in Ecuador and Peru according to the proposals outlined in my previous letters. They call for explorations in subtropical areas and would along with the work in temperate Chile, permit completion of my studies of the vegetation of western South America.

I do not wish to press you for a decision but less than two months remains to hire collectors, arrange transportation, purchase equipment and, particularly, secure the cooperation of South American governments and clearances from our government.

With all good wishes

Cordially,

THG:T

# WILLYS-OVERLAND MOTORS, INC.

TOLEDO 1, OHIO

OFFICE OF THE PRESIDENT

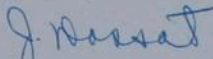
September 21, 1951

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

Dear Professor Goodspeed:

Mr. Canaday had to leave Toledo and will be back in town next week, but he asked me to send you the attached copy of letter he has written to Secretary of Agriculture Brennan. He hopes to have an answer back from him next week so that he will be able to get in touch with you regarding your expedition to South America.

Cordially yours,



Secretary to Mr. Canaday

D

September 20, 1951

The Honorable Charles F. Brannan  
Secretary of Agriculture  
Washington, D.C.

Dear Charlie:

While I was in California recently I had a very interesting discussion with Dr. F. H. Goodspeed of the University of California, whom you may know.

He has made a number of expeditions in cooperation with the Department of Agriculture into South America and brought back many plants of great importance in our economy.

He is planning to make another expedition beginning in November and I have discussed with him the possibility of my financing a plan to bring back to St. Croix and the Virgin Islands a number of specimens which could be set up in an arboretum to be established at Annaly for the double purpose of attracting interesting visitors to the Island and of indicating possibilities of new prospective species that might have an economic benefit for the Island.

The contribution I anticipate I should need to make to this expedition, to be effective, would amount to perhaps \$4000 or \$5000 and Dr. Goodspeed has just wired me advising that he would like to have my decision immediately in order to coordinate it with his own plans.

Before committing myself to this expenditure I shall need to know whether such a contribution to St. Croix would have the blessing of the Agriculture Department there and whether there would be any complication in the delivery to St. Croix of the items that might be selected by Dr. Goodspeed.

I would appreciate very much if you could get me an answer to this by wire this coming week as I must make the decision in order to avail myself of Dr. Goodspeed's plans.

In this connection, of course, we are confronted with the rather fantastic inability to have the agricultural station in the Virgin Islands transferred back from the Department of the Interior to the Department of Agriculture so we could link its activities with those of Puerto Rico. As you know, we have been five years now trying to get this small bill through Congress, although it was approved three years ago by the two departments. I understand it is up again but I am almost discouraged with the prospect.

The Honorable Charles F. Brannan - #2

It seems to be far easier to get a billion dollars for countries which show little or no friendship or interest than to get a simple little bill which will benefit some of the population for which we are responsible.

If you can turn any heat on this program in time to accomplish something this year, a lot of folks in the Virgin Islands will rise and call you "Blessed".

With warm personal regards.

Sincerely yours,

President

WNC:D

# WILLYS-OVERLAND MOTORS, INC.

TOLEDO 1, OHIO

OFFICE OF THE PRESIDENT

September 28, 1951

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

Dear Professor Goodspeed:

Do forgive me for this delay in acknowledging your telegram. I have been attempting to find out whether the products developed in your research in South America could be imported to St. Croix or whether there would be government restrictions which would either exclude or delay their entry for a sufficient period to nullify the results of your trip.

This morning I received the attached telegram in reply to my pressing inquiries and I have written immediately to Governor Morris deCastro of the Virgin Islands as suggested.

There is before Congress a bill providing for the transfer of the experiment station in the Virgin Islands to the Department of Agriculture from whence it was removed several years ago. This would provide for adequate Agricultural Department cooperation in the development and propagation of the project which you and I have discussed. That bill is supposed to be passed on at this session of Congress. Without that it is probable we would not have adequate supervision at St. Croix to insure the successful development of the products we might obtain.

I feel frustrated by the inability to get these matters cleared rapidly with the government. However, by the time of my return to Toledo on October 3rd I should have a reply from the Governor of the Virgin Islands as to the quarantine regulations, and I shall attempt to telephone you with a view to clearing up your plans.

It is my intention to go down to the Virgin Islands on October 25th and be there until Nov. 3rd or 4th. The Caribbean Commission meeting will be from October 29-November 3rd, but if you could plan to meet me there around October 25th or 26th we could put in a day or two together there very constructively and probably settle on the plan.

When I telephone you please try to have in mind a fairly detailed outline of what you think is the best way to proceed and the elements of cost involved so we can come to a definite conclusion.

With warm regards and every good wish,

Sincerely,

*Ward M. Canaday*  
President

WMC:EB

DOMESTIC SERVICE	
Check the class of service desired; otherwise this message will be sent as a full rate telegram	
FULL RATE TELEGRAM	SERIAL
DAY LETTER	NIGHT LETTER

# WESTERN UNION

1206

INTERNATIONAL SERVICE	
Check the class of service desired; otherwise this message will be sent at the full rate	
FULL RATE	LETTER TELEGRAM
VICTORY LETTER	SHIP RADIOGRAM

W. P. MARSHALL, PRESIDENT

NO. WORDS, CL. OF SVC.	FD. OR COLL.	CASH NO.	CHARGE TO THE ACCOUNT OF	TIME FILED

Send the following message, subject to the terms on back hereof, which are hereby agreed to

September 27, 1951

Ward Canaday, President  
 Willys Overland Motors, Inc.  
 Toledo, Ohio

Relet Sept. 20 This department believes Goodspeed work might be beneficial Only plant quarantine St. Croix imposed by municipality. Write Governor Virgin Islands specifying St. Croix on this. Decision pending whether apply Federal quarantine. Check with us before importation to ascertain if Federal quarantine in effect then. Plant quarantine station San Juan, Puerto Rico probably handle if Federal regulation decided. Regulations probably be similar mainland ports if applied. Suggest Goodspeed contact George G. Becker, Bureau of Entomology and plant quarantine, 209 River St. Hoboken, N.J., if advice on mainland regulations needed Advise against importing citrus or sugar cane material account disease.

Assistant Secretary of Agriculture  
 K. T. Hutchinson

Collecting equipment  
S.A. 44 ped habers S.F.  
next week by ~~the~~  
monthly steamer  
Inquiry need your decision  
~~is settled~~ Request that  
habers have ~~your~~ decision  
~~recorded~~ <sup>recorded</sup> cannot ~~make~~  
make  
your proper.

Ward H. Canada  
Wellesley Ave. Newton Dae  
Tobacco dco  
7-35264250

Berkeley 4, California  
October 2, 1951

Mr. Ward M. Canaday  
Willys-Overland Motors, Inc.  
Toledo 1, Ohio

Dear Mr. Canaday:

Confirming our telephone conversation of today I am enclosing the statement which I read to you. The following will supplement it, some of the matters noted below having been referred to in my earlier letters.

My current South American botanical expedition which will begin early in November and end early in February is being financed with funds previously donated to this University. I will be given leave of absence with half salary. Mr. Paul C. Hutchison, who holds the position of Botanist in this Botanical Garden, will accompany me as assistant with funds recently donated by Chas. Kendrick. Mr. Hutchison will be on leave without salary. According to our present plans we will study distribution of the native vegetation in north Chile and south Peru. In addition I will assist the Chilean Government in development of a National Botanical Garden near Valparaiso. In other words, irrespective of whether you wish to finance the extension of the expedition for an additional three months my original South American proposals will be carried out.

According to my understanding of our conversation today you wish to delay a decision until we have discussed at St. Croix all aspects of your project. I am bringing Mr. Hutchison with me to St. Croix because he would be responsible under my direction for carrying out your project should you decide to go forward with it. To be successful he should obviously be as thoroughly informed as possible of St. Croix conditions. I understand that you will be willing to pay the additional cost of transportation for our visit to St. Croix.

I would again emphasize the long term character of your project and the probable necessity of providing facilities of your own on St. Croix for certain aspects of the propagation of imported plants of potential ornamental and agricultural importance. In my experience government agencies, even under the auspices of the U.S. Dept. of Agriculture, cannot be expected to devote the necessary facilities and skilled assistance to any single project. The last two items I put down under costs refer to the points just made. Mr. Hutchison will be able to give expert advice on the character of the facilities which may be required.

Ordinarily the cost of carrying out our part of your project represented by the first five items, estimated at a total cost of \$4950.00, would be far greater. You will pay only a minimum salary for a trained collector in foreign countries, you will pay me no salary, you will have certain services from this Botanical Garden gratis and you will be saved costs of transportation from San Francisco to South America amounting to approximately \$2500 and cost of collecting equipment approximately \$500.

l  
In addition you will benefit from my long contact with and services to South American governments who will accord my concessions of various sorts.

Quarantine restrictions on introduction of South American species will be minimum because the majority of such species would be propagated from seed on the import of which there are no restrictions in my experience. Irrespective of whether you decideto finance the project you may be sure that while in South America I will gather information which may be of service to you, collect seeds, particularly of ornamentals, which might be grown on St. Croix and determine sources of material of agricultural interest appropriate for the island.

Monday  
I had expected that we would arrive in St. Croix at noon on Thursday October 25th, leaving San Francisco on the 23rd. Now I find that the Thursday plane from San Juan has been taken off and the schedule is Tuesday and Saturday. Because of my agreement for leave with this University I cannot be absent the entire week beginning the 22nd and therefore the Saturday, 27th, connection at San Juan is the only possibility. Are there local planes or boat connections between Puerto Rico and St. Croix? I would be able to leave here a day earlier if via such transportation we could arrive on the 26th rather than on the 27th.

At the end of our conversation I asked whether you would be willing to make an advance donation of \$1000 toward the botanical work which I personally wish to carry on from November to February. I believe that this work will pay considerable scientific dividends. Should you decide in favor of proceeding with the St. Croix project such donation would apply toward the total cost.

I hope that I have covered all points on which you were in doubt but if not please let me know.

With all good wishes

Sincerely,

THG:T

# WILLYS-OVERLAND MOTORS, INC.

TOLEDO 1, OHIO

October 5, 1951

OFFICE OF THE PRESIDENT

*file*

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

Dear Professor Goodspeed:

I wish to acknowledge your letter of October 2nd giving Mr. Canaday more details about your expedition to South America and your trip to St. Croix. He is away at present but I shall bring your letter to his attention promptly.

In the meantime I note your inquiry about air service from San Juan to St. Croix and I give you below the schedule of CARIBAIR (Caribbean Atlantic Airlines) which operates between San Juan and St. Croix -

Flight 20 (daily) leaves San Juan at 8:00 A.M. arrives in St. Croix at 9:15 A.M.

Flight 28 (daily) leaves San Juan at 4:20 P.M. arrives in St. Croix at 5:35 P.M.

Returning

Flight 21 (daily) leaves St. Croix at 9:30 A.M. arrives in San Juan at 10:40 A.M.

Flight 29 (daily) leaves St. Croix at 5:50 P.M. arrives in San Juan at 7:00 P.M.

---

Pan American has a flight (#215) which leaves New York at midnight which gets into San Juan at 7:09 the next morning. This connects nicely with Caribair flight 20 that leaves San Juan at 8:00 A.M. for St. Croix. You might wish to consider this flight rather than go to Miami where your connections are not as good.

Cordially yours,

*J. Rossat*

Secretary to Mr. Canaday

Ward <sup>m</sup> Canaday  
\$ Welles Orland  
Motors Inc  
Toledo Ohio

according to <sup>the</sup> proposal  
in my <sup>at</sup> recent letter

now find that  
this with I must  
for this ~~the~~ decision  
concerning period of  
leave of absence required  
to carry out <sup>my</sup> SA ~~proposal~~  
stop this decision largely  
depends upon whether  
you will support to  
Emuloria - Pauca  
used; ~~would~~ stop  
Request sincerely of <sup>a number</sup>  
an immediate  
reply

## I. Two phases of project recognized

1. Ornamental plants to produce unique subtropical garden -- more or less immediate results via importation of seeds (no quarantine)
2. Improvement of St. Croix agriculture -- long term project involving
  - a) preliminary research present status and projected developments elsewhere in Caribbean -- in part to be done during St. Croix visit, principally by obtaining and studying published material; economic aspects very important -- markets, transportation, labor costs, etc.
  - b) in South America locating potentially important new crop plants or those not yet in Caribbean agriculture -- many of them would ultimately come in as seed without quarantine
  - c) investigation at least in Chile, Peru, Colombia and Brazil to determine first hand cultural requirements, sources of supply and proper season for importation

## II. Costs of project

## 1. Transportation

- |                                                      |                          |
|------------------------------------------------------|--------------------------|
| a) St. Croix visit -- 2 x \$189.90 = \$379.80        |                          |
| hotel Miami, San Juan, Trinidad ca. 60.00            |                          |
|                                                      | Total ----- ca. \$450.00 |
| b) collector in South America                        |                          |
| air, train, boat, automobile and pack train          |                          |
| estimated -----                                      | 2400.00                  |
| c) T.H.G. additional transportation in South America |                          |
| estimated -----                                      | 850.00                   |

## 2. Maintenance

- |                                                       |        |
|-------------------------------------------------------|--------|
| a) collector-- per diem (hotel, meals, miscellaneous) |        |
| at \$7.00 100 days -----                              | 700.00 |
| b) T.H.G. -- none                                     |        |

## 3. Salary

- |                                                |        |
|------------------------------------------------|--------|
| a) collector -- \$100 per month 3 months ----- | 300.00 |
| b) T.H.G. -- none                              |        |

4. Air express shipments of seeds to Berkeley and/or St. Croix--250.00
5. Propagation and preliminary testing of seeds at Berkeley -- no cost
6. Hire horticulturist to cooperate in propagation of importations at St. Croix government experiment station per year ? 4000.00 ?
- 7 Establishment at St. Croix small private experimental area -- Cost?

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7 Establishment at St. Croix small private experimental area -- Cost?

Berkeley 4, California  
October 15, 1951

Mr. Ward M. Canaday  
Willys-Overland Motors, Inc.  
Toledo 1, Ohio

Dear Mr. Canaday:

Confirming my last telephone conversation with you Mr. Hutchison and I will arrive in St. Croix via Miami-San Juan on Friday, October 26 at 9:15 A.M. (Flight #20). Since the Thursday Pan American Airways service to the Canal Zone via Trinidad has been discontinued and since it would apparently be desirable for us to remain in St. Croix later than Monday the 29th I have scheduled our departure on the November 3rd. plane. I hope that this arrangement will prove satisfactory to you.

If possible I would appreciate a decision concerning my request that you make a contribution of \$1000 to my South American botanical studies before my departure for Chile via St. Croix.

Looking forward to the opportunity of being with you in St. Croix and, hopefully, of being able to be of some service to you there and with all good wishes,

Cordially,

THG:T

October 18, 1951  
Berkeley 4, California

Mr. Ward M. Canaday  
1032 Spitzer Bldg.  
520 Madison Ave  
Toledo 4, Ohio

Dear Mr. Canaday:

I have Mr. McKechnie's letter of October 15 concerning the acceptance by the University of a contribution by the Ward M. and Mariam C. Canaday Educational and Charitable Trust for the furtherance of my long continued botanical explorations in South America. The Regents of the University will accept such contribution and their official acknowledgement of the same can be used for purposes of income tax deduction.

I must, however, make clear, as I have attempted to do throughout our correspondence, that if the contribution is made as a part of what could be interpreted as a "contract" in any way binding the Regents of the University through me to produce plant materials suitable for import into St. Croix, I feel confident that the Regents would hesitate to accept the contribution.

The Regents have recently received a generous donation from a private individual the letter of transmittal of the donation reading as follows: "The Board of Regents, Gentlemen: Enclosed herewith please find check for \_\_\_\_\_ made in favor of the University, as a contribution toward the South American Plant Exploration Program of Doctor Harper Goodspeed of the University Faculty." The check was made payable to the Regents, University of California.

If you care to make a contribution on a similar basis to the success of my South American botanical investigations I will be very appreciative. During the period which I, accompanied by Mr. Hutchison, will at your invitation spend on St. Croix we should be able to obtain considerable knowledge of the horticultural and agricultural potential of the area, the climate factors involved and the experience of the Agricultural Experiment Stations there and elsewhere in the region with importations of potentially valuable ornamental and crop plants. On the basis of this evidence we will submit a tentative proposal for your consideration. It will represent our reaction to the problems involved and indicate the extent to which we believe that in the course of our scientific research in South America we can be of service to you. In previous letters I have outlined in as specific detail as, in advance, is possible the nature of such service.

It would, obviously, be of the greatest service to me if you could telegraph me a decision before my departure at 8:30 AM on Wednesday October 24. Numerous decisions and plans will have to be made with

Mr. Canaday

2

Oct. 18, 1951

my staff here, depending upon such decision. Should your decision be favorable kindly name the amount of the contribution. Your check and covering letter should be sent to my office for transmittal to the Regents with a letter of explanation and my designation of the Controller's fund to which it should be credited.

Looking forward to seeing you soon and to the pleasure of cooperation with you,

Cordially,

THG:T

WARD M. CANADAY

1032 SPITZER BLDG.  
520 MADISON AVE.  
TOLEDO 4, OHIO

October 15, 1951

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

Dear Professor Goodspeed:

Mr. Ward M. Canaday has advised me that it was his opinion that the Ward M. and Mariam C. Canaday Educational and Charitable Trust could finance the contemplated project for research in South America on products which could be imported to St. Croix, if such a contribution can be made directly to the University of California as a contribution to the University. It was our understanding from previous correspondence that this is true, but we would like to have definite confirmation of this important point before any commitment is made by the Ward M. and Mariam C. Canaday Educational and Charitable Trust.

Mr. Canaday plans to be in Toledo on Saturday, October 20th and I would appreciate it if you would advise him directly on this point prior to that date so that he may make final arrangements.

Very truly yours,

*Elmore S. McKechnie*

ESM:EH

Berkeley 4, California  
October 19, 1951

Mr. Ward M. Canaday  
WillysOverland Motors Inc.  
Toledo 1, Ohio

Dear Mr. Canaday:

In my yesterday's letter to you I neglected to ask for the postal and cable address at which I can be reached at St. Croix.

Best wishes

Cordially,

THG:T

Berkeley 4, California  
October 23, 1951

Mr. Ward M. Canaday  
Willys Overland Motors, Inc.  
Toledo 1, Ohio

Dear Mr. Canaday:

Confirming our telephone conversation yesterday I regret that the sudden onset of a light attack of "shingles", fortunately confined to half my face and not affecting the eye, makes it unwise for me to leave tomorrow to carry out at St. Croix the proposals we have been discussing. I probably could go tomorrow and the disease probably will not spread but in case it did I might be nothing but a burden to you in St. Croix.

Mr. Paul C. Hutchison who was to accompany me will arrive from St. Juan via Caribair Flight #20 on Friday AM, October 26. I am including a brief biographical record in Mr. Hutchison's case. You will find him a well-trained botanist entirely capable of collecting the information which we will need in order to submit to you a detailed and specific report on the problems involved. I am sure that you will like Mr. Hutchison personally.

With regard to the donation of \$1000 which you propose to make to the Regents of this University in favor of my South American Botanical investigations I understand that in carrying out the scientific objectives of these investigations we will attempt to accumulate information concerning sources of potentially important plant materials for St. Croix in terms of the report to which reference is above made.

In the expectation that my recovery will be rapid I now plan to meet Mr. Hutchison at Balboa on November 5 and on November 7 we will arrive in Santiago, Chile.

Sincerely regretting my inability to be with you at St. Croix, an opportunity to which I had been looking forward, and with all good wishes,

Cordially,

THG:T

Paul Clifford Hutchison

Born -- January 3, 1924, San Francisco, California

Education -- Graduated University of California Berkeley,  
June, 1949

War Service -- Active duty U.S. Naval Reserve July, 1943 to  
April, 1946

Employment -- Botanist, Botanical Garden, Berkeley, California  
October, 1949 to date

Berkeley 4, California  
November 7, 1951

Mr. Ward M. Canaday  
Willys-Overland Motors, Inc.  
Toledo 1, Ohio

Dear Mr. Canaday:

Please accept my thanks for your contribution <sup>of</sup> ~~to~~ \$1000 toward the success of my current South American botanical investigations. I have transmitted your gift to the Regents of the University from whom you will, following their next monthly meeting, receive acknowledgment of your generosity.

Paul Hutchison has written me briefly of his experiences at St. Croix and in Puerto Rigo and St. Thomas and of his preliminary reaction to all the factors which are involved in proposals for agricultural and other improvement of the situation on St. Croix. He feels that with your assistance he has been able to accumulate sufficient information so that upon my arrival in Chile we can prepare a report which should be of some service to you.

The attack of shingles on my face from which I am recovering proved to be somewhat more serious than I thought it would be when I telephoned to you. Until a few days ago I had expected to leave direct for Santiago, Chile on next Saturday, November 10th; now it appears that I will be unable to start for another week or two. Therefore, it will not be possible to submit a report to you before December 15th.

With much appreciation of your interest and cooperation and with all good wishes

Cordially,

THG:T

# WILLYS-OVERLAND MOTORS, INC.

TOLEDO 1, OHIO

OFFICE OF THE PRESIDENT

November 30, 1951

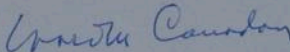
Mr. T. H. Goodspeed  
Professor of Botany &  
Director Botanical Garden  
University of California  
Berkeley 4, Calif.

Dear Professor Goodspeed:

I hope you have gotten away and that this letter will catch up with you somewhere in the sunny tropics.

I shall look forward with great pleasure to hearing from you when you have time.

Very sincerely,

  
President

WMC/fm

Berkeley 4, California  
December 4, 1951

Mr. Ward M. Canaday  
Willys-Overland Motors, Inc.  
Toledo 1, Ohio

Dear Mr. Canaday:

Thank you for your letter of November 30. Unfortunately my recovery from what is apparently a severe case of shingles has been slower than anticipated and I have not as yet been able to obtain a clean bill of health from the doctors, something necessary if one is to travel to South America. However, I hope to arrive in Chile before the end of this month and as soon thereafter as possible Mr. Hutchison and I will prepare a report for you.

May I acknowledge receipt of check ofr \$221.60 from Mr. McKechine payable to the Regents of this University to whom I am today transmitting it and from whom he will receive acknowledgement.

With best wishes for the Holiday Season,

Sincerely,

THG:T

c/o American Consulate  
Valparaiso, Chile  
18 Jan. 1952

Mr. Ward M. Canaday,  
Willys-Overland Motors,  
Toledo, Ohio

Dear Mr. Canaday,

I arrived here on Jan. 10th two months behind schedule, the attack of shingles on my face and certain resulting complications having proved to be more serious than I had thought possible.

Mr. Hutchison and I have discussed in detail the information he gathered during his 10 days on St. Croix. His notes covered a variety of local and inter-island conditions and problems as fully as was possible in terms of his brief visit and their magnitude and complexity.

The report to you which we have prepared is, of course, based entirely upon Mr. Hutchison's data. We have attempted to be factual and conservative. Much of the material concerning the agricultural problems of St. Croix are obviously well known to you and are included primarily to provide a background for suggestions and recommendations. Mr. Hutchison consulted with a considerable number of persons on St. Croix and elsewhere whose opinions appeared to be trustworthy as evidenced by visible agricultural accomplishments or by a record of accomplishment in technical fields. I am, personally, impressed by the amount and character of the material he accumulated.

I trust that the report will prove to be informative and will serve as a basis for your coming to a tentative decision as to how further we can serve you. We look upon it as a preliminary report which can be amplified in a number of directions after our return to California and the opportunity to examine books and reports dealing with the botany, agriculture and horticulture of the Caribbean area in general and the Virgin Islands in particular. Should any special topic or topics in your opinion need amplification please let me know.

Since it may be useful to have available a number of copies of the report and since it is difficult to obtain good stenographic assistance here I am asking my office in Berkeley to make the transcription and to send you the original and a copy.

Mr. Hutchison joins me in thanks for your kind hospitality to him at St. Croix. With best wishes.

Cordially,

T. Harper Goodspeed

THG:p

Personal data on Paul Clifford Hutchison

Birth: Jan. 3, 1924, San Francisco, California

Parents: William Waldo Hutchison, born Marysville, California  
Jan. 24, 1891

Teresa Marie Bergantz Hutchison, born Placerville,  
California, Feb. 5, 1897

Education: Graduated Antioch Live Oak High School, Antioch,  
Contra Costa Co., California, June, 1942

Graduated University of California, Berkeley,  
Alameda Co., California, June, 1949, major in Botany

Service: U. S. Naval Reserve, active duty from July, 1943 to  
April, 1946, classification on discharge, HCl/c -V6  
Service no. 559-01-86, discharge honorable

Employment: University of California, Department of Botany,  
Botanical Garden, Berkeley 4, California.

30 June 1949-Sept. 30, 1949	"Gardener" part time
1 October, 1949-Nov. 30, 1949	"Botanist" part time
1 Dec. 1949-Jan 31, 1950	"Botanist" full time
1 Feb. 1949-June 30, 1950	"Botanist" appointment
1 July 1950-June 30, 1951	"Botanist" appointment
1 July 1951-	"Botanical Garden Botanist" appointment

Identifying Marks: 10" scar, right side in kidney region

*Copy for T.H.G. in Berkeley*

c/o American Consulate  
Valparaiso, Chile  
18 Jan. 1952

Mr. Ward M. Canaday,  
Willys-Overland Motors,  
Toledo, Ohio

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Since it may be useful to have available a number of copies of the report and since it is difficult to obtain good stenographic assistance here I am asking my office in Berkeley to make the transcription and to send you the original and a copy.

Mr. Hutchison joins me in thanks for your kind hospitality to him at St. Croix. With best wishes.

Cordially,

T. Harper Goodspeed

THG:p

Berkeley 4, California  
January 25, 1952

Mr. Ward M. Canaday  
Willys Overland Motors, Inc.  
Toledo 1, Ohio

Dear Mr. Canaday:

Enclosed are two copies, the original and one carbon,  
of the report to which Dr. Goodspeed referred in his  
letter to you from Valparaiso, Chile, dated January 18th.

Sincerely,

Secretary to Dr. Goodspeed

# WILLYS-OVERLAND MOTORS, INC.

TOLEDO 1, OHIO

OFFICE OF THE PRESIDENT

January 28, 1952

Mrs. Mildred Thompson  
Secretary to Dr. Goodspeed  
University of California  
Botanical Garden Expeditions to  
the Andes  
Berkeley 4, Calif.

Dear Mrs. Thompson:

We are in receipt and thank you for the two copies of the report Dr. Goodspeed had sent up from Valparaiso of Mr. Hutchison's findings in St. Croix.

Although Mr. Canaday is away at present we are sure he will be most interested in reading this report as soon as he returns.

Will you please advise Dr. Goodspeed of this when next you write him?

Sincerely yours,

*W. Baldwin*  
Secretary to Ward M. Canaday

HB

WILLYS-OVERLAND MOTORS, INC.

TOLEDO 1, OHIO

OFFICE OF THE PRESIDENT

February 13, 1952

Professor T. Harper Goodspeed  
University of California  
Botanical Garden Expeditions  
to the Andes  
c/o American Consulate  
Valparaiso, Chile

Dear Professor Goodspeed:

I have just now had an opportunity to read  
your letter of January 18.

Because of the pressures on my time it will  
take me a little time to digest this and give con-  
sideration to what should be done.

I do appreciate hearing from you and hope  
your own season is going well.

With cordial regards, I remain

Sincerely yours,

*Ward M. Canaday*

Ward M. Canaday

WMC:er

September 8, 1958

Mr. Ward M. Canaday  
Toledo 1, Ohio

Dear Mr. Canaday:

It was a great pleasure to have another of our recurring visits during this summer's Encampment. I was interested in your description of accomplishments on your property in St. Croix and much appreciated your invitation to spend a little time there this next month.

During my 1951-52 and 1957-58 botanical expeditions in South America, to the former of which you kindly contributed, I had prominently in mind the finding of new or little known plants appropriate for trial in St. Croix. Particularly of ornamental species a considerable number of our Peruvian collections show promise. At the moment I have some fifty rather large South American orchid plants -- species more desirable than those now cultivated in St. Croix -- which are immediately available for planting there.

After reviewing our 1952 report to you which followed Mr. Hutchison's stay in St. Croix, I find a number of recommendations concerning introduction or improvement of crop, horticultural and ornamental plants which appeared at that time to be valid. A visit to St. Croix would make it possible for me to re-evaluate these recommendations in the light of such economic and other changes as have occurred in the interim, some of which you referred to in our conversation at the Grove. Subject to your judgment it should then be possible to put certain of the recommendations into effect.

However, as I think I told you, our recent eight months in South America have depleted Mrs. Goodspeed's and my travel budget to the point where we could not finance the journey to St. Croix. Perhaps next spring we would be able to do so. In any case, please be assured of my interest in your proposals for St. Croix and my desire to be of service to you there.

With best wishes and kindest regards,

Cordially,

THG:T

# THE OVERLAND CORPORATION

TOLEDO 4, OHIO

OFFICE OF THE PRESIDENT

September 18, 1958

Mr. T. H. Goodspeed  
University of California  
Botanical Garden Expeditions to the Andes  
Berkeley, California

Dear Mr. Goodspeed:

Although Mr. Canaday is away from the office at present, I am sure when he returns he will be pleased to have your letter of September 8 and then give you a further reply.

Sincerely yours,

*W. J. Steunke*  
Secretary to Ward M. Canaday

HS

Department of Botany  
University of California  
Berkeley 4, California  
October 6, 1958

Mr. H. Stemke  
The Overland Corp.  
Toledo 4, Ohio

My dear Mr. Stemke:

In my letter of September 8 to Mr. Canaday, receipt of which you acknowledged, I referred to some fifty South American orchid plants appropriate for planting on his St. Croix estate. If Mr. Canaday is interested in these plants I can arrange to have them shipped by air to St. Croix. Later in the fall they may suffer in transit.

If possible could you determine Mr. Canaday's wishes in this matter and let me have his decision. If favorable I would need the name of the caretaker of his St. Croix estate to whom I would give suggestions concerning planting and care of the plants.

Sincerely,

THG:T

air - 7 lbs = 6.50  
PP - " " = 32¢  
ret. 18 1/2¢ each  
attention pound  
(7 lbs = 6.50)  
100 100 21  
height (once)  
+ 1/2 inch (armed)

# THE OVERLAND CORPORATION

TOLEDO 4, OHIO

OFFICE OF THE PRESIDENT

October 10, 1958

16X48

over  
Cair  
lighter fluid  
over and  
over  
over

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

Dear Professor Goodspeed:

This will acknowledge with thanks your letter of October 6 to Mrs. Steinke in which you ask that we find out from Mr. Canaday if he would like you to send 50 South American orchid plants to his place in the Virgin Islands.

Mr. Canaday is still away but in talking to him on the phone he asked me to write you that he would greatly appreciate your sending the orchids to St. Croix, with instructions for planting.

The name of the manager and his address are as follows:

Mr. Frits Lawaetz  
Annaly Estate  
Frederiksted, St. Croix  
Virgin Islands

We are still holding your letter of September 8 to show to Mr. Canaday when he returns to Toledo.

Cordially yours,

*J. Nassat*  
Secretary to Ward M. Canaday

D

5000 - Fraxinus  
75 - Silver  
65 - Lycopodium  
20 - clusia  
30 - toay  
60 - Eucalyptus  
3000 - can  
sambucus

Travel  
the ~~Fraxinus~~ <sup>clusia</sup> ~~refers~~  
P of 135 ~~22~~  
my 1/4

Travel Showers  
Bruce & Right  
P O Box 512  
my 1

Berkeley 4, California  
October 20, 1958

Mr. Fritz Lavaetz  
Annaly Estate  
Frederiksted  
St. Croix  
Virgin Islands

Dear Mr. Lavaetz:

Some years ago I collected a number of orchid plants in South America for Mr. Canaday. At his request I am now shipping these plants to you by air express. There will be from 30 to 40 of them in a more or less dormant condition and almost completely free from soil or potting material. Most of them will be packed in pliofilm bags without moisture, duplicates packed in newspaper.

Upon arrival the plants should be unpacked at once and laid on a table or bench in the shade, sprinkled with water and the root ends and half the green parts covered with damp moss. If no moss is available, excelsior or cloth or sand may be used to cover. In 10 days or more depending upon the temperature, new roots should begin to appear on the old roots and at the base of the green parts. During the rooting period the covering should be removed now and then to see whether mould is developing. If it is this indicates that the covering has been kept too moist. Allow the roots to dry a little and cover again.

When the new roots have reached a length of approximately two inches the plants should be placed in their permanent location on the bark of trees. The locations should be more or less shaded ones. The plants with all their roots, old and new, should be attached by nailing narrow strips of aluminum or galvanized iron around the base of the plants to hold them firmly against the bark. Care should be taken not to damage the new roots. Duplicate plants might be attached to different sides of a tree to determine the most favorable location.

After attachment frequent sprinkling will be necessary unless the season is rainy. After some months the roots should become attached to the bark and the plants will not require sprinkling except during very dry periods.

The above suggestions apply to all the plants except the Cymbidiums. They may be planted in soil and treated as ordinary garden material.

The above growing suggestions are based upon what I have learned concerning climatic conditions in the garden of Mr. Canaday's estate. I understand that a number of persons on St. Croix are growing orchids. You will probably wish to obtain the results of their experience and modify my suggestions accordingly.

Hoping that you have success with the orchids and with best wishes,

NOT NEGOTIABLE

# PAN AMERICAN

WORLD AIRWAYS SYSTEM

## CLIPPER CARGO - AIR WAYBILL

AIR WAYBILL NUMBER

026-0- 071406

MEMBER OF INTERNATIONAL  
AIR TRANSPORT ASSOCIATION

ISSUED BY:

PAN AMERICAN WORLD AIRWAYS, INC., NEW YORK, N. Y., U.S.A.

(AIR CONSIGNMENT NOTE)

DESTINATION (AIRPORT OR ISLAND)

ST CROIX, VIR. ISLANDS  
CITY AND COUNTRY  
ST CROIX VIRGIN IS.

CONSIGNEE TO

STREET ADDRESS

FRITZ LAWAETZ, ANNALY ESTATE

FREDERIKSTAD

ALSO  
NOTIFY

NO. OF PACKAGES	METHOD OF PACKING	NATURE AND QUANTITY OF GOODS	MARKS AND NUMBERS	DIMENSIONS OR VOLUME	GROSS WEIGHT (Specify Kilos or Lbs.)
1	PKG	LIVE ORCHID PLANTS			12 LB 5.4 KG
REA RAIL PPD 05444					

SHIPPER'S DECLARED VALUE (Specify Currency) For Customs		METHOD OF ROUTING AND CHARGES — Agreed stopping places are those places (other than the places of departure and destination) shown under Air Carriage, and/or those places shown in carriers' timetables as scheduled stopping places for the route. SEE CONDITIONS ON REVERSE HEREOF.		SHIPPER MUST INSERT ITEM NUMBER	
NCM	MAX FREE			CHARGEABLE TO SELF	

AIR CARRIAGE		CHARGEABLE WEIGHT (Specify Kilos or Lbs.)	RATE CLASSIFICATION	RATES	PREPAID	CHARGEABLE TO CONSIGNEE		
Departure (Airport of)	(Address of First Carrier)	First Carrier				CUR-RENCY	AMOUNTS IN CURRENCIES AS CHARGED	AMOUNTS IN CURRENCY AT DESTINATION
1. To NYC		AAL						
2. To ST CROIX		PAA	MIN	MIN	8.00			
3. To		Carrier						
4. Valuation Charge From		To						
5. Valuation Charge From		To						
6. INSURANCE:		AMOUNT REQUESTED (Specify Currency)						

OTHER CHARGES (SPECIFY)	AMOUNT REQUESTED (Specify Currency)
7. At Origin	
8. REA CHARGES	1.87
9. REA SERVICE CHARGE	1.50
10.	
11. In Transit	
12. At Destination	
13.	
14.	
15.	
16. C.O.D. FEE	
17. SHIPPER'S C.O.D.	

SHIPPER'S C.O.D. IN WORDS	\$ 11.37	TOTALS
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The shipper certifies that the particulars on the face hereof are correct and agrees to the CONDITIONS ON THE REVERSE HEREOF.

Carrier certifies above described goods were received for carriage SUBJECT TO THE CONDITIONS ON THE REVERSE HEREOF, the goods then being in apparent good order and condition except as noted herein.

Name of Shipper	T.H. GOODSPEED, DEPT. BOTANY	Executed On	OCT. 30 1958	at	SAN FRANCISCO
Address	UNIVERSITY OF CALIFORNIA BREKELEY, CALIF.	(Date)		(Place)	
Signature of Shipper		Name and Address of Issuing Carrier's Agent	ABREU/PAA SAN FRANCISCO, CALIF		
By Broker/Agent	RAILWAY EXPRESS AGENCY SFO	Signature of Issuing Carrier or Its Agent	<i>R. Abreu</i>		

P.T.D. IN U.S.A. 9253-3124A

Copies 1, 2, and 3 of This Air Waybill Are Originals and Have the Same Validity.

Original 3 (for shipper)

026-0- 071406

10/21/58

Dear Mr. Sawatzky:- The orchid plants referred to in my recent letter were air expressed to you today charges prepaid.

When I prepared the plants for shipment I decided, in most cases, not to divide them because you will have more success with larger plants. Also I found that some of the plants I had expected to send were not dormant & could not safely be shipped. These included ~~the~~ the *Cymbidiums*.

In other words you will receive about half the number of plants ~~as~~ I originally

expected to send. If the  
present shipment arrives in  
good condition & you have  
success in growing the plants,  
I will make another  
shipment at a later time  
with but needles  
Rue

Sept. 1919

661 Woodmont Avenue  
Berkeley 8, California

INTERNATIONAL UNION  
FOR THE  
PROTECTION OF NATURE

BRUSSELS, 4 March 1952  
42, RUE MONToyer

TELEPHONE: 12.81.33

E 1/8 8736

Dear Dr. Goodspeed,

We have been asked by Unesco to compose a card index file of films useful for bringing the attention of the public to the ideas of the protection of nature, and your cooperation in the accomplishment of this task would be very valuable.

Mr. G. Dennler de la Tour, of Argentina, one of our most active members, has given us your name and suggested we write to ask you about the films you made of Argentine National Parks, as well as others you may have or know of which relate to the protection of nature or the conservation of natural resources. We would like to receive information as to the format, the footage and the running time of these films, and to know whether they are in color or black and white, and whether they are silent or talking films. We should also like to have a short resumé of the subject of the film.

By separate mail we are sending you a copy of our information bulletin, and would be pleased to add your name to our mailing list if you would like to receive future issues. Will you kindly advise us?

In the hope that it will be possible for you to assist us, and thanking you in advance for your cooperation, we remain

Very sincerely yours,

*M. Caram*

Marguerite CARAM  
Chief of the Administrative  
Secretariat of the IUPN

Dr. Thomas H. Goodspeed  
Professor of Botany  
University of Berkeley  
551 Rose Bowl Avenue  
Berkeley, California USA

2079 Life Sciences Dept

April 1952

Dear Miss Carraw:-

RE E 1/4 8736

In reply to your letter of March 4 I regret that Sr. Dénolde la Tour was unavailable. The motion pictures in natural color taken during my five botanical expeditions to South America do not include Argentine scenes but only those of Colombia, Peru + Chile. Unfortunately the colors have faded badly.

I have some thousands of 35 mm Kodachrome + black + white lantern slides of West Coast South American landscapes and vegetation.

Sincerely

T. H. Goodspeed

April 11, 1949.

Dr. M. Cardenas,  
Casilla 538  
Cochabamba,  
Bolivia.

*Cardenas, letter  
cut up & in file  
accession book*

Dear Friend,

Please accept my deep appreciation for your very thoughtful cooperation in sending me the seed of three species of *Nicotiana*. I am sowing this seed at once and am sure that the plants which come from it will be an important addition to our collection of *Nicotiana* in this Botanical Garden.

With many thanks and with the pleasantest remembrances of the honor and privilege of meeting you at the Congress in Tucuman, I am, with best wishes and kindest personal regards,

Yours cordially,

THG/EN

P.O.Box 538

Cochabamba (Bolivia), March 8, 1951

Prof. Dr. Thomas H. Goodspeed

Botanic Garden of the University of California  
Berkeley-California  
U.S.A.

Dear Prof. Goodspeed:

I have been collecting during last February at the Sierra de Caipipendi, Provincia de Cordillera, Departamento de Santa Cruz, Bolivia at an elevation of 1,200 m., where Dr. Th. Herzog, collected in 1911 a *Nicotiana* which was named *Nicotiana friesii* by Dammer. I came across with this plant and found it quite the same as *N. otophanga* Griseb., except by its slightly less glandulous leaves. Herzog says that the flowers of this species is white greenish. So far I have seen the full open flowers, they were white redish. These same plants I found later at Camiri, the Oil District of Bolivia, on the way to the Pozo No. 3. From Caipipendi, I obtained seeds which I am sending you enclosed herein. The herbarium specimens shall be sent later to the Smithsonian Institution, from where I am quite sure they would send you for identification.

With best wishes,

Sincerely yours,

*M. Cárdenas*  
Martín Cárdenas

Berkeley 4, California  
June 6, 1951

Dr. Martin Cardenas  
P.O.Box 538  
Cochabamba, Bolivia

Dear Friend:

Very many thanks for your continued cooperation in sending me seed of Bolivian species of Nicotiana. I am particularly glad to have additional races of N. otophora. I believe that its ancestors rather than those of other members of section Tomentosae entered into the amphiploid origin of N. tabacum. I hope to take up again the problem of artificially synthesizing that species by doubling the chromosomes of F<sub>1</sub> hybrids between N. sylvestris and N. otophora. Therefore, I need as many different genetic races of N. otophora as possible in the hope that some will give a fertile amphiploid with N. sylvestris.

I was happy to see your article and photograph in a recent number of the Cactus and Succulent Journal. Perhaps you would send me a copy of this or another photograph of yourself.. It would be a great pleasure to add it to my collection of photographs of distinguished botanists.

I remember happily the opportunity to meet you in Tucuman and the most eloquent address which you gave at the banquet.

With thanks again and all good wishes

Cordially,

THG:T

M. CARDENAS  
CAJON POSTAL N<sup>o</sup>. 538  
COCHABAMBA - BOLIVIA, S. A.

July 10, 1951

Prof. Dr. Thomas Harper Goodspeed

Department of Botany  
Botanical Garden  
University of California  
Berkeley 4, California  
U.S.A.

Dear Prof. Goodspeed:

Thank you very much indeed for your letter of June 6, which arrived in due time.

I am glad to notice you received my last sending to you of seeds from Nicotiana Friessi or more properly N. otophora, collected at the type locality of the former.

I was wondering if I should suggest some of our students here at the School of Agriculture, to do some genetical work with Nicotiana. Would you like then, to send me if possible any publication of yours or typed notes at least, dealing with manual techniques to manipulate the flowers of these plants in the case of making crosses? Thanks.

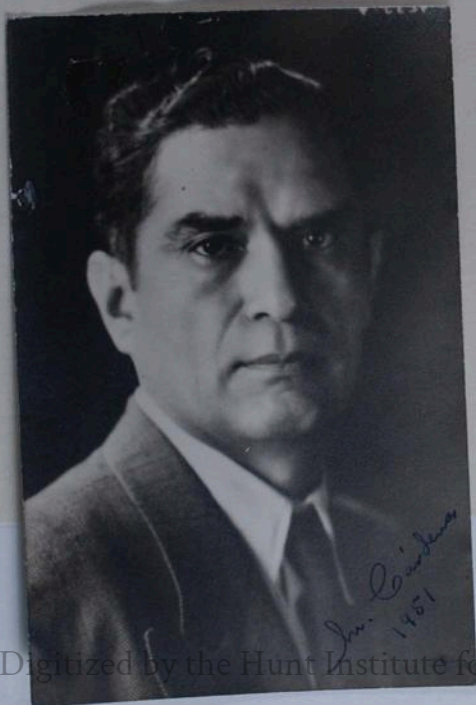
Thank you for your information about my article on Cacti appeared in a recent number of the Cactus Journal of America. I have not received yet the copies of this number and don't know which photograph of mine was published neither.

I am sending you herein a photograph of mine for your particular collection. I appreciate highly your feeling remembering our meeting at Tucuman in 1948.

With warmest regards

Sincerely yours,

*M. Cardenas*



P.O. Box 538

Cochabamba(Bolivia), September 26, 1951

Prof. Dr. T.H. Goodspeed

Botanical Garden  
University of California  
Berkeley 4-California  
U.S.A.

Dear Dr. Goodspeed:

A few days ago, I happen to be in a place where grows a Nicotiana which was determined some years ago as N. wigandioides (my Nos. 3,945 and 3,946 from Sehuenka (Totorá), 2,200 m., 1947). At that time there were no mature fruits (June). Now I have collected fruits and seeds. These seeds are enclosed herein.

With best wishes

Sincerely yours,

*M. Lardenas*

Berkeley 4, California  
October 8, 1951

Dr. Martin Cardenas  
P.O.Box 538  
Cochabamba, Bolivia

Dear Friend:

It was extremely kind of you to remember my interest in the Nicotiana species of Bolivia and I appreciate very much the seed of N. wigandioides contained in your letter of September 26.

I am leaving for South America in three weeks and will spend most of three and one-half months in Chile where at the request of the Chilean Government I am to advise on initial development of a Jardin Botanico Nacional and Botanical Research Institute near Valparaiso.

I will take with me as assistant Mr. Paul C. Hutchison, Botanist in this Botanical Garden. It may be that he will be able, if I am not, to come to Cochabamba to see you and something of the vegetation of your area.

With thanks again and all good wishes,

Cordially,

THG:T

\* We cannot find Sehuenka on our Amer. Geogr. Soc. 1:1000000 map of the Prov. Titora. Would appreciate your locating this town for us with respect to a larger city so that we can map this locality. Also, are these two numbers (Gardenas 3945 & 3946) filed at Cochabamba or elsewhere--we have found them only at the U. S. National Herbarium.

December 11, 1951

Dr. M. Cardenas  
Cajon Postal 538  
Cochabamba--Bolivia, S. A.

Dear Friend:

I regret that your letter of July 10 has not earlier been acknowledged with many thanks for your kindness in enclosing the excellent photograph which will be a great addition to my collection of photographs of eminent botanists.

*flower*  
For crossing experiments the species of Nicotiana are very easy to prepare because they are relatively large, and anthesis does not occur until the bud is well grown, indeed until the limb of the corolla begins to open. If the bud just before anthesis is split up one side, the anthers can be removed with forceps. The tip of the bud can then be tied with thread to protect the stigma from chance pollination. The pollen parent may be prepared by tying the largest unclosed buds at the top with string. After a day or two the pollen will shed and the corolla tube can be split, and the open anthers picked out with forceps. The thread is then removed from the emasculated bud, the stigma pollinated and the bud retied.

We commonly use paraffin coated paper bags to protect the buds and this is convenient because a number of buds can then be emasculated and protected by a single bag. However, it is now difficult to obtain good paraffin bags. Ordinary paper bags open readily in wet weather.

A week after pollination there is no danger of contamination and the tied bud may be open and the capsule will develop normally. A label is tied to the pedicel to indicate the nature of the cross.

Most of my supply of reprints on our cytogenetic work with Nicotiana is exhausted but I will take pleasure in sending you those still available. Before the end of next year I hope that my monograph on the genus will be published.

I expect to arrive in Chile early next month to remain on the west coast of South America until the middle of March. Most of the time I shall be in Valparaiso to direct the first steps in development of a Jardin Botanico Nacional near Vina del Mar. I fear that I cannot visit Bolivia. It would be a very great pleasure to have the opportunity to see you in Cochabamba and the Yungas vegetation.

Many thanks again for all your kind interest and cooperation. Please accept my best wishes for the coming year and believe me most

Cordially,

Berkeley 4, California  
January 30, 1953

Dr. Martin Gardenas  
University of Cochabamba  
Cochabamba, Bolivia

Dear Dr. Gardenas:

As you may know, research on South American Cactaceae is underway in this Botanical Garden. Our recent South American expedition (1951-52) in Chile and Peru resulted in extensive collections of importance for this research program. I hope that we may arrange an exchange with you in order to obtain authentic material of the new species and varieties which you have recently published.

Mr. Paul C. Hutchison, Botanical Garden Botanist, in charge of this research, informs me that our desiderata are as follows: 3 (if possible) separates of each of your publications on Cactaceae; 1 herbarium specimen of each new species and variety; 1 cutting from each living type plant and/or cotype; a small quantity of seed of each. The herbarium material, cuttings and seed desired are shown on the enclosed sheet.

In exchange we can supply separates of articles resulting from our current research program, cuttings and/or seeds of North and South American Cacti, herbarium material prepared in Chile and Peru during the 1951-52 expedition or subsequently at this Botanical Garden. As you can see from the enclosed list, extensive distribution of seed from our recent expedition has already been made. While little of this seed remains most of the plants will produce additional seed which can be supplied at a later date, and in many cases vegetative reproductions of the plants can be supplied, including cuttings from type plants of new species soon to be published. The seed listed refers only to a small proportion of the total collections of Cacti.

I enclose for your convenience an importation tag to use in sending cuttings of living plants. The box should be addressed according to directions on this tag, and the tag should be tied to the outside of the box. Inside should be placed a list of contents, headed by our address. I should be notified by airmail when a shipment is to be mailed so that I can keep in touch with the Quarantine authorities and facilitate its arrival at the Botanical Garden in good condition. I am also enclosing a check which I hope will be sufficient to cover postage expense.

Seed and herbarium specimens are not subject to Quarantine and should be addressed to me and sent parcel post.

I always remember with great pleasure the occasions upon which I have had the privilege of meeting you. Your continued cooperation in supplying seed of *Nicotiana* species, in which I am still much interested personally, is much appreciated.

With best wishes and kindest regards, Cordially,

University of California  
Berkeley 4, California  
May 4, 1953

Dr. M. Cardenas  
Casilla 538  
Cochabamba, Bolivia

Dear Friend:

Please accept my most sincere thanks for your fine cooperation.

The seeds (two envelopes) and the reprints (one package and one envelope) have arrived in good condition. I am looking forward to the early arrival of the divisions.

The opportunity to add to the research collection of South American cacti in this Botanical Garden type material of the new and little known species you have described is very much appreciated.

Mr. Paul C. Hutchison, Senior Botanist in the Botanical Garden, who is particularly concerned with the material you sent will be communicating with you further.

With, again, many thanks and with best wishes,

Cordially,

THG:T

Cochabamba(Bolivia), September 3, 1953

Prof. Dr.

Thomas H. Goodspeed, Director

Botanical Garden

University of California

Berkeley 4 , California  
U.S.A.

Dear Prof. Goodspeed:

Thank you very much for your letter of August 21 and the enclosed draft for \$50.

I am sorry to say that by now, I have not in view any traveling program to the important cacti localities in this country in order to collect some of them and send to your colleague Mr. Hutchison for the enrichment of the collections of South American species in the garden under your direction. Thus, I am sending you back the draft of \$50, which is enclosed herein. When I happen to collect again such plants, I hope that I shall be able to send them from time to time and let you or Mr. Hutchison know on the costs of collecting and shipping expenses.

With best wishes

Sincerely yours,

*M. Cardenas*

Enclosure: American Trust Company Bank Check No. 14145, drafted to the order of Martín Cardenas for \$50.00 and endorsed to the order of Dr. T.H. Goodspeed.

ORIGINAL

P.O.Box 538

Cochabamba(Bolivia),December 19,1955

Prof. Dr. Thomas H. Goodspeed

The University of California Botanical Garden

Berkeley 4-California

U.S.A.

Dear Prof. Goodspeed:

I have seen that your monograph on Nicotiana is published already.  
May I venture to ask you a copy of it ?. Thanks.

I was informed also that you have in cultivation various strains of  
turkish tobacco.I should be interested in obtaining seeds of these.

Wishing you a Merry Christmas and a Happy New Year.

Sincerely yours,

*M. Cárdena*

Berkeley 4, California  
January 5, 1956

Dr. Martin Cardenas  
P.O.Box 538  
Cochabamba, Bolivia

Dear Friend:

I have your letter of December 19 and am sorry to say that I have exhausted my supply of author's copies of my Nicotiana monograph. It is a book of over 525 pages with over 100 illustrations and because it is quite expensive I received only a limited number of copies. I am glad to say that the book is receiving some quite complimentary reviews.

I am sending you a number of reprints concerning my Nicotiana work which may be of interest.

We do not grow commercial races of tobacco since my interest is solely in the origin and evolution of the wild species of which we have an almost complete collection. If you write to the Tobacco and Special Crops Section, United States Department of Agriculture, Beltsville, Maryland, U.S.A. I am sure that they will be glad to send you seed of such strains of Turkish tobacco as they have available.

We are very appreciative of all your fine cooperation in our research on Cacti. What you have supplies has been of great importance.

Please accept my best wishes for 1956.

Cordially,

THGLT

2089 Life Sciences Bldg.  
University of California  
Berkeley 4, California  
September 17, 1957

Dr. Martin Cardenas  
P.O.Box 538  
Cochabamba  
Bolivia

Dear Dr. Cardenas:

I have your letter of the 11th and will do my best to find a pair of trousers which will meet your specifications. I assume that you will instruct me concerning the way in which I shall send the package to you.

Hutchison arrived in Peru about August 1st and has had bad luck with the new Ford truck which was sent from here for his use. The defect has finally been discovered but he has lost two or three weeks collecting time. However, what he has been able to accomplish appears to satisfy him.

Although he is far behind his original schedule he still hopes to go to Cochabamba to spend some days with you in December, I think. He can be addressed as below.

Mrs. Goodspeed and I sail on September 26th for Callao to arrive about October 15th. We shall stay in Peru for some five weeks before going on to Chile and in February to Argentina.

With every good wish,

Sincerely,

Peruvian address

c/o Agricultural Attache  
American Embassy  
Lima, Peru

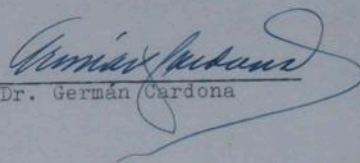
THG:T

Tuluá Mayo 27 de 1951

Señor Doctor Don  
Tomás Harper Goodspeed  
Berkeley-California-U.S.A.

Apreciado doctor:

Como presidente de la Delegación Juan María Céspedes, junta encargada de la organización del jardín botánico de Tuluá, me dirijo a usted con el ánimo de solicitar su valioso concurso para el desarrollo de la obra. Este jardín es el primero que se funda en Colombia, y su fundación he venido gestionándola hace ya largo de diez años. Para principiar contamos con muy escasos recursos, y es mi deseo solicitar por su muy digno conducto el apoyo de aquellas entidades que usted juzgue interesadas en esta región subtropical de la America-Latina. El terreno con que contamos para el establecimiento del jardín está situado a mil doscientos metros de la población, en un paraje ondulado, con aguas suficientes, haciéndolo vértice entre dos carreteras de mucho movimiento, y con una extensión aproximada de ciento veintiocho mil metros cuadrados. La señora Edith Dryander, una de las animadoras de esta fundación, está muy interesada en que sea una persona como usted, de larga y sólida preparación en esta clase de disciplinas mentales, la que dirija el planeamiento de la obra, con un amplio sentido futurista. Qué bueno fue que usted pudiese venir a visitarnos, para que en esta forma nos empapásemos mejor de sus conceptos y opiniones. Sin mas por el momento y en espera de sus noticias me es grato subscribirme como su amigo y S.S.

  
Dr. Germán Cardona

Berkeley 4, California  
June 25, 1951

Dr. German Cardona  
Tulua, Valle  
Colombia

Dear Dr. Cardona:

May I first congratulate the Delegacion Juan Maria Cespedes for taking the leadership in development of Botanical Gardens in your splendid country, renowned throughout the world for the beauty and richness of its vegetation.

It would be a great honor to have a share in the development of such an important institution and it would be a great pleasure for me to visit Colombia for the third time and to greet my friends and colleagues there.

It might be possible for me to assist you for a time between the first of October and the end of December of this year. I believe that if you ask your Foreign Office to request from Washington sufficient funds to pay for my transportation by air to Colombia and return and to maintain me during my stay with you ~~that~~ the cost of my visit can be arranged.

With, again, my congratulations and with kindest personal regards

Cordially,

THG:T

# R·P·CARGILLE

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PHOTOGRAPHIC DEVICES  
SPECIAL CHEMICALS

November 23, 1951

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

Gentlemen:

We are in receipt of your letter of November 2nd,  
ordering our All-See Transparent Plastic Boxes with check enclosed  
for same.

In reference to shipment, we find the Air Parcel Post  
charges will be \$22.59. We would like to have your authority to  
incur this charge before we can make shipment to Valparaiso, Chile.

Very truly yours,

*R. F. Cargille*  
R. F. Cargille

RPC:fm

TELEPHONE  
BARCLAY 7-5454

PACKING LIST

CABLE ADDRESS:  
CARGCHEM, NEW YORK

# R. P. CARGILLE

Products for Scientific Laboratories  
118 LIBERTY STREET  
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Shipper's Order **FB 3559**

S  
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O

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

Invoice Date  
Invoice No.

Customer { Order No. & Date **L. 11/2/51**  
Requisition No.  
Shipped to **Same**  
Destination **a/o American  
Consulate  
Valparaiso, Chile**

Date Shipped  
Shipped Via  
Terms  
F. O. B.

**1 $\frac{1}{2}$ -10; Net-30  
Little Falls, N.J.**

**1-fm**

DESCRIPTION	QUANTITY (Show Unit)
<b>All-See Transparent Plastic Boxes</b>	
<b>Size A</b>	<b>100</b>
<b>Size C</b>	<b>100</b>
<b>Size D</b>	<b>10</b>
<b>#103</b>	<b>12</b>

PAID BY CH ECK

Berkeley 4, California  
December 3, 1951

Mr. R. P. Cargille  
118 Liberty St.  
New York 6, N. Y.

Dear Sirs:

With regard to the shipment of plastic boxes referred to in your letter of November 23 kindly hold the order until I can obtain further information from my collector in Chile concerning how immediate his need now is for this material.

Sincerely,

THG:T

Berkeley 4, California  
December 17, 1951

Mr. R. P. Cargille  
118 Liberty St.  
New York 6, N. Y.

Dear Sirs:

With regard to the shipment of plastic boxes referred to in your letter of November 23 and mine of December 3 kindly send to me at this address instead of to Valparaiso, Chile as originally ordered.

I will appreciate your sending them by Air Parcel Post prepaid and billing me for the charge incurred.

Sincerely,

THG:T

T.H. Goodspeed  
Dept. of Botany  
Univ. California  
Berkeley 4, California

Dept. of Botany  
2079 Life Sciences Bldg.  
University of California  
Berkeley 4, California  
February 21, 1956

R.P.Cargille  
118 Liberty Street  
New York 6, N.Y.

Gentlemen:

Kindly send me catalogue and price list of  
plastic boxes, hinged and unhinged.

Yours truly,

THG:T

Berkeley 4, California  
October 17, 1955

Dr. Sherwin Carlquist  
Harvard University Herbarium  
Cambridge 38, Mass.

My dear Sherwin:

I have two boxes from Skottsberg which I am sending you by parcel post. They arrived by ship from Sweden.

The following is quoted from an accompanying letter:

You know that I promised you to do what I could to get material in liquid for your famulus, Mr. Carlquist I think his name was. I have what I would like to call a representative collection of the endemic J. Fern. Compositae. He preferred formalin I know, but as I hate that substance I brought very little, just enough to suit the ladd shells which stretch their legs and go to sleep when they smell it. So that I could spare very little for the plants and had to use alcohol. You will remember that I told you of my larger and richer collections of 1916-17. A few important things, particularly Hesperoseris, of which I had good material, are missing now, and probably extinct.

In addition, in a later letter Skottsberg refers to another shipment, by air, of wood samples. It has not arrived and will go forward to you when it does.

Very best to you.

Cordially,

THG:T

Berkeley 4, California  
November 1, 1955

Dr. Sherwin Carlquist  
Harvard University Herbarium  
Cambridge 38, Mass.

Dear Sherwin:

Yours of October 27 and 29 indicate that you received all the Juan Fernandez material in fluid; by this time the "wood" samples should be in your hands.

I am glad that you find what Skottsberg collected for you is going to be important in your research program. He is a great chap and had a lot of courage to undertake the Chilean expedition and especially to go to both Masatierra and Masafuera. From the latter he got me another collection of seed of Nicotiana cordifolia, one of the rather remarkable endemics which is rapidly becoming extinct.

From the South American Expedition fund I made a contribution to Skottsberg's expedition which he considers full reimbursement for collecting expenses incident to obtaining your material. The postage from Sweden was taken care of by the Riksmuseum and the postage from here to you by our mailing blanket.

I am sure that Skottsberg would much appreciate hearing from you. He has just written that he is moving but Apotekaregatan 8, Goteborg, will reach him.

I appreciate your reference to our friendship and want you to know that I realize how much I am in your debt for your contributions to the cytology course.

With every good wish,

Cordially,

THG:T

29 Oct '50 -  
ref. to material  
sent to Skottsberg

I presume that the postage on the shipment from Berkeley to Harvard was paid for by the Department, and it would be inappropriate to offer reimbursement for this reason. If not, however, I would be most happy to defray such costs. Likewise, I would like to bear any costs incurred by Dr. Skottsberg in shipping the material to Berkeley. Perhaps you will do me the service of sending me Dr. Skottsberg's address so that I may offer him whatever remuneration or thanks I can.

I should also like to recall at this time the very great privilege it has been knowing you. In addition to such tangible kindnesses as symphony tickets, I feel myself the beneficiary of numerous less easily enumerated items such as the opportunity of having been your teaching assistant for two years, an opportunity from which I learned considerable, I think, and the informal chats we had together. It is always a pleasure to remember the Goodspeed name, and I am anticipating particularly, for just such reasons, the occasion of my giving a seminar presentation of some of the Nicotiana work in the advanced taxonomy course here.

My work at Harvard so far this year has consisted very largely in converting my thesis into publishable form. My self-imposed deadline for this activity is Christmas, by which time I shall be in a position, no doubt, to feel highly sympathetic for your own publication activities, with their attendant worries, delays, and disappointments. Although I have not been at Harvard very long, I feel quite at home, owing to the friendliness and stature of the personnel. I quite enjoyed a chat with Dr. Sax concerning some of his recent research (on inverted bark grafts, curiously enough), and a number of the faculty and graduate students have been particularly interested and communicative. This is not to say that I regard Berkeley less, for I cannot find any cause for regret in my career there, and if I were to indulge in the proverbial hypothetical of asking myself what I would do if I had an opportunity to choose those years again, I should unhesitatingly choose to do exactly what I did.

My very best regards to you and also to your wife, whose friendliness and informal conversations were much appreciated.

Very sincerely,

*Shewin*

Harvard Univ. Herb. Cambridge 538  
27 Divinity Ave

November 4, 1955

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

Dear Dr. Goodspeed:

Thanks for your letter of November 1 informing me of the address at which Skottsberg can be reached. I shall write him at my first convenience.

The box of wood samples has indeed arrived, and it rounds out very nicely the remarkable assemblage of material. I anticipate with considerable pleasure working this material up. Skottsberg is definitely to be commended for his undertaking in visiting the islands again. Apparently he visited Santa Clara in addition to the larger two, since some of the material is from there. In all likelihood only Skottsberg could have assembled this material, since he knows the localities of many of the restricted endemics. Implicit in the selection of the material in some cases were problems which he considers particularly interesting, according to his published writings, and having the material collected from this viewpoint was a particular privilege. His account of the extinction of endemics which is proceeding in the islands is distressing, and it may well be that such a collection as he obtained for me might be impossible to obtain a few years from now.

Many thanks for your kind words. With continued good wishes,

Sincerely,

Shawin

COMISION DE HOMENAJE  
A RUIZ LEAL  
PASO DE LOS ANDES 146  
MENDOZA  
(REPÚBLICA ARGENTINA)

Mendoza, 26th. of March, 1954.-

Thomas Harper Goosped A.B.Ph.D.18  
Director Botanical Garden University  
of California  
Berkeley, California, U.S.A.

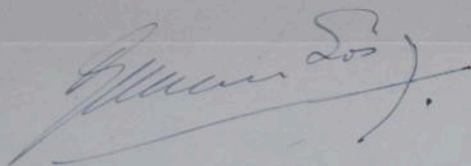
Our dear Sir:

In the name of the Committee in honour of Ruiz Leal, we have the pleasure of informing you that in a recent meeting of professors and professionals connected with the National University of Cuyo, it was decided to confer upon him the degree of "Doctor Honoris Causa" to this University, recognizing in this way, his forty years of patient and fruitful work in the field of Botany.-

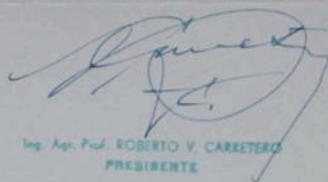
For this reason, and knowing your own connection with Ruiz Leal, we beg to invite you to favour us with your valuable support to our proposal which we should be glad to receive at your earliest convenience.-

In anticipation of your acceptance to our request, we beg to thank you,

and remain  
yours very truly



Prof. CERCINMO SOSA  
SECRETARIO



Ing. Agr. Prof. ROBERTO V. CARRETERO  
PRESIDENTE



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

Ing. Agr. Prof. Roberto V. Carretero  
Presidente, Comision de Homenaje a Ruiz Leal  
Paso de los Andes 146  
Mendoza, Argentina

Dear Sir:

I am very happy to learn that the National University of Cuyo is conferring the degree "Doctor Honoris Causa" on that distinguished botanist and my good friend, Ruiz Leal.

Please present to him my compliments upon the receipt of this well-deserved recognition and assure him of my warmest personal regards.

Kindly accept, my dear Professor Carretero, assurances of my highest consideration.

THG:T

June 3, 1949.

Miss Anetta Carter,  
Herbarium,  
Department of Botany,  
University of California,  
Berkeley Campus.

Dear Miss Carter,

A correspondent in Chile has sent me the enclosed which perhaps I should recognise but do not. It is said to have very recently appeared in quantity in lakes and bogs in the neighbourhood of Santiago. The surface of these areas becomes so heavily covered that cattle walk out upon it and are drowned.

My correspondent has been unable to determine either what it is or whether there has been any experience elsewhere in its eradication or control. I would much appreciate any information which you may have.

Sincerely yours,

June 2, 1953

Miss Annetta Carter  
Herbarium

Dear Annetta:

The National Arboretum herbarium has recently returned eleven specimens, of a large collection of UCBG expedition numbers sent some ten years to B.Y. Morrison, because of incorrect labels or determinations.

We have been able to make the necessary corrections for six of these. Would you be good enough to see whether you can make suggestions concerning the remaining five, herewith? In each case there are notes which may be more or less helpful.

Sincerely,

THG:T

Berkeley 4, California  
March 12, 1956

Curator of the Herbarium  
Dept. of Botany  
Carleton College  
Northfield, Minn.

Dear Sir:

Enclosed are a number of annotation labels corresponding to specimens in your set of the University of California Botanical Garden Expeditions collections. Certain of these represent previously undetermined specimens, other 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

MEMORANDUM

To Miss Carter  
Herbarium

Date March 12, 1956

Dear Annetta:

Enclosed annotation labels for specimens determined recently -- more or less.

Certain of these, determined in the Herbarium, may already have been annotated there -- if so discard my label.

Labels for set V (exchange set) may have been placed in the sheets before they were sent to you last fall.

Name of department.....

..... Campus

Signed.....

## MEMORANDUM

To Annetta.....

4/10/56

Date.....

The enclosed lists the Ruiz Leal collections recently sent to the Herbarium and indicates the number of duplicate specimens of each collection.

Ruiz Leal collected under his own numbers and the specimens were given Expedition numbers when they were received here. His numbers begin with 7652/01 (corresponding to Expedition #31001) and continue, both parts of the number in sequence, to 7849/198 which corresponds to our #31198. The Ruiz Leal sequence then skips to 7955/199 (our #31199) and continues to 8055/299 (our #31299). The Ruiz Leal numbers appear on his field labels in Set I but have not as yet been added to the labels in the duplicate specimens. Probably this should be done before distribution since it is possible that duplicates of certain of this material may have found its way into herbaria under Ruiz Leal's number alone.

In the number range, 31001 to 31299, material for 19 numbers was not received here and 13 numbers represent Nicotiana specimens which have been placed in our Nicotiana collection. Thus, the total number of specimens sent you is 267.

Name of department.....

..... Campus

Signed.....

2079 Life Sciences Building  
University of California  
Berkeley 4, California  
June 19, 1956

Curator of the Herbarium  
Carleton College  
Northfield, Minn.

Dear Sir:

Enclosed is annotation label for #6425 of the  
University of California Botanical Garden Expedition  
collections.

If you will send a list of the numbers in your set  
of the Expedition material remaining undetermined it  
is possible that we can supply additional determinations.

With best wishes,

Sincerely,

THG:T

March 29, 1957

Miss Annetta Carter  
Herbarium

Dear Miss Carter:

Attached are herbarium specimens, annotated, of Nicotiana miersii var. miersii recently received from Dr. Buhr of an experiment station in Muhlhausen of the Berlin Academy of Agriculture.

This species has some interest because it has been grown as "N. micrantha Haw." in certain European Botanical Gardens for over 100 years, the seed originally collected in central Chile by Bertero. However, it may not be your policy to include material of horticultural origin.

Sincerely,

THG:T

REPUBLICA DE CHILE  
-----  
Ministerio de Agricultura  
-----  
Direccion General de Agricultura

SANTIAGO  
17 Ene 1956

Dr.  
T.H.Goodspeed  
California  
U.S.A.

Dear Sir:

I have known from Mr. E. Reed about your plans of coming to Chile in the near future. You must know we have a great appreciation for the fine work you made in the Botanical Garden of Vina del Mar, so the information about your intention to come down here have been receive with pleasure.

The Ministry of Agriculture, through its Direccion Nacional, is glad to invite you to spend some time with us, so we shall have another opportunity to receive more of your large experience in plant sciences. If you have some possibilities to stay a month or more in Chile, please let us know it in order to give our agronomists some special training in Plant Genetics.

This wider knowledge would be of special interest to our officials, because we are now developing an important program for agricultural improvement in Chile.

We shall be very pleased to provide the maximum facilities in Chile in order to get the most from you during your visit.

Sincerely yours

MARIO ASTORGA CARTES  
Director Nacional de Agricultura

2079 Life Sciences Bldg.  
Berkeley 4, California  
September 20, 1949

Professor Morse A. Cartwright  
Dept. of Education  
Columbia University  
New York

Dear Morse:

It occurs to me that perhaps you have not heard that the "Captain" is on the point of retiring as indicated by the enclosed clipping. I well remember your accounts of certain memorable occasions upon which you accompanied him on his rounds in those good old days when Strawberry Canyon was not as highly populated as at present.

It has been a long time since we have heard from you and the Senora. Florence has been in failing health for more than a year and was operated on without much success three months ago. She is gaining a little and we are more encouraged than the doctors seem to be. Of course she does not know how serious her condition is.

Both of us send affectionate greetings to both of you.

As ever yours,

THG:T

C  
Cheswood Hill,  
Westport, Conn.  
Nov. 17<sup>th</sup>

Dear Hampen and Florence:

Just to prove to you that there's life in the old  
rags yet, I'm going to supplement Senore's recent  
note to tell you that I very much appreciated seeing  
you both at the train and was, as ever, impressed  
with your kindness and friendliness. All is going  
with us as planned. I am feeling better - even to  
the point of doing some office work by remote control -  
and expect to be fully back on the job by January.  
In the meantime, the peace and quiet here are  
wonderful. We are snug and comfortable against  
the chill of the drab November days, there is a  
roaring log fire in the fireplace, and we've even  
acquired - at a high price - an enormous black  
cook who sings hymns continuously and is  
some sort of a functionary in the Holmes Church.

Our very fond regards to you both - we shall  
hope to see you either in California again or  
when you come East. As ever - Mome/