



Hunt Institute for Botanical Documentation
5th Floor, Hunt Library
Carnegie Mellon University
4909 Frew Street
Pittsburgh, PA 15213-3890
Telephone: 412-268-2434
Email: huntinst@andrew.cmu.edu
Web site: www.huntbotanical.org

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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.

11/2/51



Marien-Apothete
AUGSBURG, D. HAHN, ZIEGENSPECK
MITTLERE MAXIMILIANSTRASSE
GEGR. 1346

POSTSCHECKKONTO MÜNCHEN 35205
BANKKONTO STADTSPARKASSE

AUGSBURG, den 2 I 1951

Sehr geehrter Herr Professor!

✓ Nun bin ich endlich mit den Psilotamsporen fertig.
Ich habe diese zunächst einmal fotografiert. Die Oberflächenstruktur ist etwas anders, als sie zB bei *Lotsy* abgebildet sind. Die Effiguration ist jedoch nicht so ^{bei} karmerig wie *Lycopodium clavatum*, sondern ähnelt [✓] *Urostachys* (L) *Selago* etc. Ist also von der ursprünglicheren Gestaltung. Ich habe alles mit Phasenkontrast aufgenommen.

Hinsichtlich der Benetzbarkeit ähnelt Ps nun den [✓] epiphytischen Orchideen, sie ist leichter benetzbar als die Erdorchideen etc. Was bei ihnen mehr oder minder epiphytischen Standorten verständlich ist. Dagegen konnte ich die Sporen flotieren mit Benzol etc. Es liegt also doch eine lipoidophile Oberfläche vor. Auch hier ist es sehr merkwürdig dass die ^{mit} *Hawaier* dies an die Eigenschaften der *Lycopodien* (*clavatum*) ^{erinnern} den Eigenschaften gekommen sind.

Hinsichtlich der Eigenfluoreszenz hat der reife Samen die Eigenschaft einer rosa Färbung, was ganz im Gegensatz zu der Grünlichgelben von *Lycopodium* steht. Ich werde nun diese Ergebnisse kurz zusammenstellen und eine kleine Notiz in der Revista bei Herter schreiben. Wenn es Ihnen recht ist, dann kann ich die Arbeit mit Ihrem und meinem Namen veröffentlichen. Ohne Ihr Material und ohne Ihre Notiz wäre ich ja doch nicht auf die Bearbeitung gekommen.

In letzter Zeit hatte ich unendlich viel in der Apotheke und mit einem gehaltenen und einen noch zu haltenden Vortrag an der Universität in München zu tun. Ich werde und habe daselbst über neue Wege der Mikroskopie und über die Bedeutung des Membranbaues für die Physiologie der Bewegung und des Wachstums gesprochen. Das Darstellen der Fernmikrophotos und der Reproduktionen und Mikrophotos macht viel Arbeit und ich muss doch in München eine gute Figur machen, weil man damit Publikationsmöglichkeiten bekommen kann.

Bei uns ist es jetzt richtig kalt und stürmisch, da könnte man schon etwas von der dortigen Hitze brauchen. Jedoch haben Sie dort wieder andere Unannehmlichkeiten!

Mit dem besten New York, New York, N. Y. 12. 12. 1904

Abender:

Dr. habilit. Herrn. Ziegenbeck
Martensapotheken, Augsburg
Apothekerszeichen 2
Postsch. 35205

Postkarte
Brieffelegramm
schneller als Brief
billiger als Telegramm



Stahl, Hartmann, Goldschmidt, Werkwerk unter
Firmenbuchnummer
bei Untersuchen nach Name des Verleiher

S H Herrn Prof Dr

Deegener

Hilo Hawaii

Waialua Oahu

Hawai

USA

Stahl, Hartmann, Goldschmidt, Werkwerk unter
Firmenbuchnummer
bei Untersuchen nach Name des Verleiher

A C 154 Dm A 6

115/51

Augsburg 5 I 1951

Sehr geehrter Herr Dr!

Komme gerade von München zurück, wo ich wegen eines Vor-
trages zu verhandeln hatte. Ich war höchst überrascht,
dep gerade auf den Tischen der zu verarbeitenden Herbar-
pflanzen eine Sendung von Ihnen lag. Es waren Pittospo-
raceae, Bidens und einige Euphorbiaceae. Es hat mir ein
grosse Freude gemacht den Fascicel durchzusehen, der
mir infolge Ihrer Flora Havaiensis doch nicht ganz un-
bekannte Dinge enthielt.

Der dortige Präparator Kühler ist sehr tüchtig und
sich sehr schön aufgezo^{gen}. Ich soll übrigens auch ei-
nen Gruss von ihm ausrichten. Er ist die Seele des
Münchener Herbars und hat mir hinter dem Rücken des
„Herbarlöwen“ schon manches Blatt zugesteckt. Nun bin
ich beinahe 2m gross und fürchte den Löwen nicht, aber
wenn ein solcher unangekettet herumläuft, ist es nie
erfreulich sich immer heranzustreiten.

Mit den besten Grüßen

Ihr ergebener
H. G. J. S. P. M.

Wailua, Oahu, T. Hawaii, U.S.A.
Jan. 15, 1951.

Sehr geehrter Herr Dr. Bortter:

Ich habe die Art Perrottetia sandwicensis schon in meiner Flora Hawaiiensis gedruckt. Kuertzlich habe ich eine gute Varietaet auf der Insel Maui gefunden. Natuerlich sollte ich die Sete meiner Flora revidieren, aber jetzt wurde es mir ungefaer 200 \$ 50 kosten. Ich kann das natuerlich nicht auffordieren. Also, bitte drucken Sie fuer mich diese Varietaet in Ihrer Revista. Ich habe den artikel so kurtz also moeglich gemacht:

A New Variety of Perrottetia (Colestraceae) from the Hawaiian Islands

by
Otto Degener and Amy B.H. Greenwell

Perrottetia sandwicensis var. tomentosa Degener & Greenwell var. nov.

Haec varietas a forma typica subtus foliis tomentosis differt.

This interesting variety of drier regions is characterized by having the lower surface of its leaves densely rusty tomentose. It was collected by Degener, Greenwell, Hatheway, Milley & Silva (No. ~~1119~~ 21,119, Nov. 24, 1950), "Mauka of Mawini, south slope of Haleakala, Maui. In gulch in decadent forest." The type is deposited at the New York Botanical Garden, and a cotype at the B.P. Bishop Museum.

h
Moechten Sie mit mir zusammen die haw. Lycopodien in iren richtigen Gattungen in der Revista naechstens drucken?

Aloha,

Otto Degener

115151
Dupl. to NY
De. REV. S. AM. BOT. X/1 IV. 1951
Heden, S. Am., Copenhagen, Tokyo, Geneva, Göttingen

A NEW VARIETY
OF PERROTTETIA
(CELASTRACEAE)
FROM THE HAWAIIAN ISLANDS

By O. Degener and A. B. H. Greenwell (Honolulu)

PERROTTETIA SANDWICENSIS var. TOMENTOSA Degener & Greenwell var. nov. - Haec varietas a forma typica foliis subtus tomentosis differt.

This interesting variety of drier regions is characterized by having the lower surface of its leaves densely rusty tomentose. It was collected by Degener, Greenwell, Hatheway, Miller and Silva (No. 21,119, Nov. 24, 1950), "Maui, south slope of Haleakala, Maui, in gulch in decadent forest".

The type is deposited at the New York Botanical Garden, Bronx Park, New York, and a cotype at the B. P. Bishop Museum, Honolulu.

RESUMEN

En la isla de Maui se encontró una variedad nueva de la Celastrácea PERROTTETIA SANDWICENSIS con hojas abajo vellosas.

(Dirección de los autores: Otto Degener and Amy B. H. Greenwell, Bishop Museum, Honolulu, Hawaii)

AEROGRAM

GODKÄNT AV KUNGL. GENERAL-
POSTSTYRELSEN. (III 1483. 49.)
BEFORDRAS FÖR 30 ÖRE MED FLYG
ÖVER HELA VÄRLDEN

Par avion
Luftpost



Mr. Otto Degener
Mokuleia Beach
Waialua, Oahu

Hawaiian Islands, U. S. A.

AVSÄNDARE: C. Skottsberg
Riksmuseum, Stockholm 50

VII INTERNATIONAL BOTANICAL CONGRESS
STOCKHOLM 1950
Office of the Secretary-General, Uppsala 7, Sweden.

OBS! BEFORDRAS ICKE SOM AEROGRAM, OM NAGOT LÄGGES INUTI.

ÖPPNAS HÄR

Ljungdals,

STOCKHOLM 1950

STOCKHOLM 1950

VII INTERNATIONAL BOTANICAL CONGRESS

STOCKHOLM 1950

Riksmuseum, Stockholm, Jan. 27, 1951

Office of the Secretary-General

(Lippstuck to Sweden)

My dear Degener: I have two letters from you, for which I thank you most sincerely, still unanswered; I should like to write you a long one, but I am so terribly pressed for time that I must concentrate.- I certainly never expected you to go out of your way to collect seeds, but I think you could have certain genera in mind; you meet them in most of your trips: *Acacia*, *Stenogyne*, *Astelia*, *Wikstroemia* - *sandwicensis* badly wanted! - My plants are growing well, and you will soon hear from them, and then I shall tell you the whole story.

When I come to *Scaevola* again, I shall of course borrow all your material from New York. - I have not spent any time on *Luzula*, and I have never collected a good variety of *L. hawaiiensis*, but modifications most likely due to environment. We must admit, I suppose, that even in Hawaii, there are forms that have no taxonomic standing. - I cannot tell now whether I shall be able ever to take up *Viola* again with all the material you must have collected. And I cannot make a complete key without having seen if it includes any good varieties worth describing which, of course, is quite likely. - you will remember that, provisionally, I yielded to Lam's harsh treatment of our (! excuse me, your, I ought to say) *Planchonella*. One species, with one poor variety - that's impossible! I wish I had some in cultivation. But of course, it is a long way before we know what a good species is. That, in many cases, geographical isolation is necessary to bring out the characteristics, is certain. Another ardent wish for seeds: *Gunnera*, but the fruits must be well ripe when picked. I may have difficulties to keep my plants in Göteborg, but I can find just as good greenhouses here and move the whole stock.

You asked me if I should like to study *Scaevola frutescens* with you. Well, I like everything. But that is a particularly bad case. You need material from all of its vast range. I know that there are peculiar forms or species very unlike the Hawaiian one, and it would be of utmost interest if we were able to show that, even of this seaside plant, supposed to travel anywhere so easily, there are local, constant forms. It will take a couple of years and material from all the great herbaria, to reach that goal.

Your latest letter: hang the legislative holdover committee! What is the reorganized Nature conservation committee there for? and the Pacific Science Council? and Mr. Coolidge? And the new bureau in New Caledonia? And Dr. Palla in New Zealand?

If you take a trip to the South Seas, remember *Metrosideros*, *Pipturus*, *Wikstroemia*, *Vaccinium*, *Astelia*, *Santalum*, my old hobbies. *Astelia* has recently been discovered in Mauritius. - I envy you! I shall never finish anything good on Metro, mind I was 70 on Dec. 1st, 1950. I am expecting reprints of a small paper on San Ambrosio, another on the Marine Flora of the Antarctic, and am about to finish a Supplement to my Juan Fernandez Flora. Then for the Phytogeography. Of J.F., but all the material is there, it is only writing it down in proper shape - the coming summer. It has to be done. I have to get rid of those islands. Meanwhile, some news will come on a Hawaiian subject. I am glad I am through with Chile. - I wonder what they are doing down in Wellington. No sign of any Proceedings, no proofs, not a word.

thanks for plants and seeds sent,

With kindest regards and many

as ever

S. S. Asberg

P.S. Yes, *Cardamine* may well have been introduced, but seeds are wanted of that species, as it seems difficult to get any from other sources.



ROYAL BOTANIC GARDENS,
KEW,
RICHMOND,
SURREY.

All communications should be
addressed to—The Director,
quoting the following number:—

D. 926.

H. 302/51.

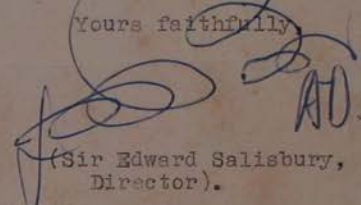
26th February, 1951.

Dear Sir,

In reply to your letter of the
26th January, I enclose an exact tran-
scription for Hibiscus elatus with
punctuation, spacing, etc. as in the
original.

*
The parcel of Hawaiian herbarium
specimens has been safely received and
I trust that you have now received the
acknowledgment of it. We were very
glad indeed to have the specimens.

Yours faithfully,


(Sir Edward Salisbury,
Director).

Dr. Otto Degener,
Waialua,
Oahu,
T.H.,
U. S. A.

* Some additional parcels have just been
delivered.

1190 Wilder
Ave

2/26/51

HIBISCUS.

elatus. 10-11. H. foliis cordatis subrotundis integris; pedunculis brevissimis unifloris, calyce 10-dentato. Hibiscus 1. Brown. jam. 284. Malva arborea--Sloan. h. 1. 95. t. 134. f. 2. 3. Jamaica. h.

2/27/51
TELEPHONE LUDLOW 4-8800

THE NEW YORK BOTANICAL GARDEN
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NEW YORK 58, N. Y.

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WILLIAM J. ROBBINS

February 27, 1951

Mr. Otto Degener
Mokuleia Beach
Waiialua
Oahu, Territory of Hawaii

Dear Otto:

You don't need to make apologies--what happened to the photographs I don't know, but I am asking Mrs. Hansell to advise me. I see no reason why an article should not be published in other journals, though we would like the value of the advertising which would come from a note indicating that the original appeared here.

Hawkes is all that you imagine. As you know, he was recommended to us and I thought he might be developed and gave him a fellowship here. It did not take us long to learn that he was not the right kind of material and we terminated the support which we gave him and he went back to his stamping grounds in Florida. I don't know what to suggest; in fact, it seems to me you are a bit helpless. You can't very well take legal steps, although it might be useful if you had a lawyer friend who could write Hawkes the right kind of a letter which would tell him to stop using your name and also to return your property.

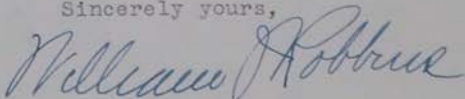
Mrs. Robbins and my mother had the pleasure of having lunch with your sister not long ago. They had a lovely time together and as usual, spent some time discussing Irma's brother. We all join in sending you our kindest regards and wish you could spend some time with us again.

Dr. Stewart is now here and, as always, is one of the "princes of the realm". Maguire, Cowan and Wurdack are in Venezuela though we expect the two younger men back almost any day. Dr. Gleason has officially retired and is at the moment taking a couple of months in California. He will be back here shortly. Dr. Keck, the new Head Curator, is getting his feet under him and I think will be quite a valuable acquisition. Dr. Seaver is teaching in a university in Florida and apparently enjoys it. His second book on the Discomycetes will be out shortly. Dr. Dodge and Dr. Stout are both in good health and are here quite frequently. Dr. Stout spent last

-2-

summer with the Burpee Company at their seed farm in California. If Mrs. Stout's health permits, I think he plans to go back there again.

Sincerely yours,

A handwritten signature in cursive script, reading "William J. Robbins". The ink is dark and the script is fluid, with a large, stylized "W" and "R".

William J. Robbins
Director

WJR:hz

3/4/57

R. PAPY
12, Avenue Trudaine
PARIS (9^e)

4 Mars 1951

Cher Monsieur Degener ,

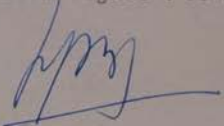
J'ai été très heureux de recevoir de vos bonnes nouvelles , accompagnées des photos du "Cheng Ho" . Je regrette beaucoup d'avoir quitté Tahiti , car ç'aurait été pour moi un grand plaisir doublé d'un grand profit scientifique que de pouvoir herboriser avec vous . Je souhaite donc que vous fassiez un bon séjour là-bas , tant du point de vue de vos intérêts que du point de vue botanique . Pour le premier point , je crois que le choix que vous avez fait de Me Hoppenstedt est excellent .

J'espère que vous aurez assez de loisirs pour récolter des plantes de montagnes , dans la rain-forest de Tahiti , Moorea Raiatea . En dehors des chemins , l'exploration est difficile . En plus du coupe-coupe , j'ai souvent regretté d'avoir oublié d'emporter une corde pour m'attacher et descendre sur les pentes . Je vais vous donner à la fin de cette lettre quelques adresses d'amis qui pourront vous aider à divers titres .

Mon travail sur la végétation des Iles de la Société se termine : je pense le présenter pour le grade de docteur ès sciences à la fin du mois d'avril ; mais je n'ai pas encore recueilli les fonds qui me seront nécessaires pour l'impression , de sorte qu'il faudra compter encore plusieurs mois avant que l'ouvrage paraisse en librairie . Bien entendu , vous serez l'un des premiers à en recevoir un exemplaire .

Merci bien vivement pour votre offre de m'envoyer un exemplaire des plantes que vous récolterez : elles me seront fort précieuses , car je continue à m'intéresser grandement à la flore tahitienne .

Bon voyage , cher Monsieur Degener . Je vous souhaite un plein succès . La orana .



Plusieurs de mes amis , fonctionnaires , sont rentrés en France . On ne peut pas dire non plus qu'il y ait à Tahiti de botaniste véritable . Néanmoins , toutes les personnes dont le nom suit vous recevront , je n'en doute pas , très aimablement de ma part :

- M. R. MILLAUD , Ingénieur agricole , Jardin d'Essais de Pirae . Il s'intéresse fort aux plantes du pays et il doit en avoir maintenant une bonne connaissance . Son adjoint M. BOUBÉE vous aidera aussi bien volontiers . Vous pourrez sans doute faire des excursions avec eux .

- M. JAY de Taharaa (Haapape) à 6 km. de Papeete est un excellent ami , qui aime beaucoup la montagne de Tahiti et qui fait de nombreuses ascensions

- M. JACQUIER , Pharmacien à Papeete , Secrétaire général de la Société d'Etudes Océaniques , a une très large connaissance ethnographique et anthropologique de ces régions . Il faut absolument le voir , de même que sa belle-sœur , Mlle Janine LAGUESSE . Tous deux parlent anglais .

- Tous les Directeurs d'école , dans les districts , vous aideront si vous vous présentez de ma part : vous pourrez en avoir besoin par exemple pour trouver de guides et porteurs . Voyez , si cela vous est utile , M. TEROROTUA Gustave , au Collège de Papeete (présentez-vous aussi de ma part au Directeur du Collège , M. VAISSIERE) . A Mataiea , voir M. MAONI .

- En dehors de la botanique ou de la montagne , voici le nom d'autres personnes dont vous pourriez avoir besoin :

- M. Robert CHARON , import-export , consul de Norvège , est l'un de mes meilleurs amis ; son gendre est ancien officier de la Marine Marchande Américaine ;

- M. POROI , maire de Papeete , import-export .

- M. Jo BOURNE , douane de Papeete et Radio-Club Océanien ;

- Au Gouvernement , M. MARCHESSEAU , chef de Cabinet .

Pour l'hôtel , si vous voulez être tranquille , vous pourriez écrire :

- Aux TROPIQUES , Auae , Papeete ; ils ont de petits bungalows particuliers , de même , si vous avez une auto ,
- RIVNAC , à Punaauia (15 km. de Papeete)

- On construisait , quand je suis parti , un nouvel hôtel à Papeete . Je ne sais s'il est terminé . Vous pourriez écrire à M. CHARON de ma part à ce propos .

Amities - *JP*

3/8/51

Waimanalo, T.H.
Mar. 8, - 51

Mr. Otto Degener, —

We received your letter telling of your difficulty in controlling insect scale on your hibiscus plants. The white scale is the most difficult particularly if it occurs in great amounts on your plants. I avoid that by exterminating it as soon as discovered by painting the stem all over with a mixture of black leaf-early, a nicotine solution which is effective for several kinds of insect pests on plants. I use a dilution of about a spoon full to four spoons of water and apply with a small paint brush which is about one or one and ^{half} inches wide, one or, sometimes two or three applications several days apart as found necessary. The common sprayer method is not so good as the white scale get too thoroughly established before it is noticed. We have three or four kinds of scale here aphids is sometimes bad on flower buds and green growth but can be kept down with the spray and be big round backed brown scale by either spray scraped off with small wooden knife shaped stick. I believe you had better come over for a day or two to see how I handle this method with screege or coff. It is merely one chore of the grower. Come any time or when in town let me know and I will gladly come and get you and we can probably work out the difficulty. Our great trouble maker is the wind. For a long time it has been continuous. Please come over and I will try and help you solve the problem. Other wise things are going along much in the same way. Yours very truly
Willis T. Lape

Ceratopteris thalictroides sensu Wagner in Occas Pap. B. P. Bishop Mus.
100, 1950.

Ceratopteris thalictroides Brongn. & Pell.
Ann. Philom., 186. 1821

Acrostichum thalictroides L. Sp.
Pl. ed. 2: 1488. # 1763.

3/22/51

TELEPHONE SEDGWICK 3-3200

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March 22, 1951

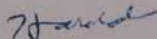
Mr. Otto Degener,
Waialua, Oahu, Hawaii

Dear Otto,

Just now MacKeever handed over to me your envelope with a fragment of Degener & Hatheway 21177 and the set of 5 full specimens of the same number. Although you describe the flowers of this plant as "white with a faint pink tinge, diffuse eye bright yellow fading to pink" as assume that the plant is the same as the one you and Topping collected in 1925 and described as "with white flowers". In both cases you said it occurred sporadically among the "normal" form of the species. So I am identifying this 21177 collection, too, as *Lantana camara* var. *albiflora* Moldenke

With kindest regards and all best wishes from Alma and myself, I am,
as always,

Your sincere friend,



Harold N. Moldenke,
Curator & Administrator of the Herbarium

EMPIRE COTTON GROWING CORPORATION

INCORPORATED BY ROYAL CHARTER

OFFICES: 12, CHANCERY HOUSE, ECCLESTON STREET, LONDON, S.W. 1. CABLES: "EMCOTTON" LONDON

Telegraphic Address: "COTREST KAMPALA"

Telephone: KAMPALA 463

COTTON RESEARCH STATION, NAMULONGE,

P. O. Box 884,

Your Ref.....

KAMPALA,

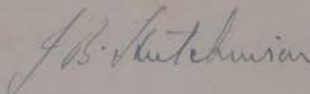
Our Ref. 6/D.....

UGANDA.

24th March, 1951.

To Administrative Officialsin British Commonwealth Territories in the Pacific.

Dr. O. DEGENER. has been most helpful in providing material of rare and inaccessible relatives of cotton for the Empire Cotton Growing ^{by Dr. Degener} collections. Any help that can be given him on his botanical expedition will be much appreciated.

J.B. HUTCHINSON, C.M.G., ScD., F.R.S.DIRECTOR.

3/24/51
JEH/PSM

EMPIRE COTTON GROWING CORPORATION

INCORPORATED BY ROYAL CHARTER

Office: 12, CHANTREY HOUSE, ECCLESTON STREET, LONDON, S.W. 1. CABLES: "EMCOTTEN" LONDON

Telegraphic Address: "COTREST KAMPALA"

Telephone: KAMPALA 463

Your Ref.....

Our Ref..... 6/D.....

COTTON RESEARCH STATION, NAMULONGE,

P. O. Box 884,

KAMPALA,

UGANDA.

24th March, 1951.

Dear Dr. Degener,

Thank you for your letter of December 31st. I look forward with keen interest to receiving your new parcel of seed.

I shall be much interested in any cottons you can collect in the Pacific Islands, and I hope you have a very good safari. I attach a note which I hope will be useful to you, though I am afraid I am not personally acquainted with any British Officials in the Pacific Islands.

Yours sincerely,

J. B. Hutchinson

Dr. O. Degener,
Waialua,
Oahu,
T. Hawaii, U.S.A.

Ray: Return to B.D.

SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
WASHINGTON 25, D. C.

April 16, 1951

AIR MAIL

Mr. Otto Degener
Waialua, Oahu
Hawaii

Dear Mr. Degener:

I have recently received two packages of plants from you, the last of which contained the grass specimens from Canton Island. The identifications of these are as follows:

- ✓ 21291 *Lepturus repens* (Forst.) R. Br.
- ✓ 21297 *Eragrostis amabilis* (L.) W. & A.
- ✓ 21311 *Lepturus repens* (Forst.) R. Br.
- ✓ 21312 *Eragrostis pectinacea* (Michx.) Nees
- ✓ 21314 *Panicum miliaceum* L.
- ✓ 21315 *Digitaria sanguinalis* (L.) Scop.
- ✓ 21316 " *pacifica* Stapf *alata-laflores*
- ✓ 21317 " " " *mutata*
- ✓ 21318 " " " *nearinae/D. pac.*
- ✓ 21319 *Eragrostis paupera* Jedw.

- ✓ Hatheway
518 *Digitaria timorensis* (Kunth) Balansa

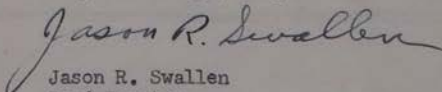
The two specimens of *Lepturus repens* do look very different. If this species were known only from a few specimens, I would be inclined to think that these two represented distinct species. Considering the large amount of material we have, however, and the great variation which is evident, I feel that it is impossible to segregate any species. Almost every collection seems to differ from the rest.

Our material of *Digitaria pacifica* and its allies is very meager. We have no specimens similar to your Nos. 21316, 21317, and 21318. They are undoubtedly closely related to *D. pacifica*. The spikelets of the three forms are identical, but the habit of the plants and the arrangement of the spikelets are different. The specimens which I have assigned to your No. 21317 could possibly be considered as a distinct species. The spikelets are rather distant and pedicellate, the culms are densely tufted and erect, and the foliage is minutely pubescent. The hairy specimens, which

I have assigned to your No. 21318, are very similar to the Christmas Island material of *D. pacifica*, differing only in the softer, rather densely villous foliage. The other series of specimens, assigned to your No. 21316, differ from *D. pacifica* primarily in the short erect culms and softer foliage. I am inclined to think that 21317 should be described as a new species, and 21318 as a new variety of *D. pacifica*.

I shall return the duplicate material of these *Digitarias* with that of the other lots of specimens you sent me previously.

Very sincerely yours,



Jason R. Swallen
Head Curator
Department of Botany

5/15/51

Ray: return to O.D.

SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
WASHINGTON 25, D. C.

May 15, 1951

Mr. Otto Degener
Waialua, Oahu
Hawaii

Dear Mr. Degener:

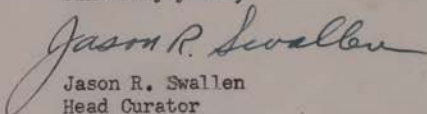
I think it would be well to publish the new species and variety of *Digitaria* from Canton Island if you are expecting to write a pamphlet on the vegetation of the island. I think the best place to publish would be in the Bishop Museum Journal, as it would take considerable time to publish in the Contributions from the U. S. National Herbarium. Short articles are not very appropriate for the latter publication. I shall try to describe these very soon and send you the manuscript.

✓
In your last shipment you sent me a specimen of what you have labeled as *Eragrostis whitneyi* Fosberg. I think this species is distinct from *E. paupera*, but your specimen matches *E. paupera* rather than *E. whitneyi*.

I hope you will continue to collect in the South Seas, and I assure you that I shall be very glad to receive any collections of grasses.

With very best regards,

Sincerely yours,



Jason R. Swallen
Head Curator
Department of Botany

Dr. Ethel Hansen, Flora MacDougal College, will forward my letter just sent you.

6/7/51

A certain lawyer stood up... saying, Master what shall I do to inherit eternal life... And He said unto him, thou hast answered right; this do, and thou shalt live. Luke 10:25-28. Botanic Museum, Brisbane, June 7/51. Dear Mr. Otto Degner, - "partaker of the heavenly calling!"

Am so tremendously thrilled that your eyes are turned NEW GUINEAWARD, - what you say of your faith entitles you to the above appellation, Heb. 3:1. As to the saints receiving you into their bosom, have no fears on that score since they seek raw cannibals as well as exploiters of every description, and had plenty practice in "loving their enemies" during their years of internment in So. Australia. They belong to that "glorious band on whom the Spirit came... who mocked the cross and flame." Once when way out in the jungle, met an English officer short of rations and hesitated to go for food to the mother of a big family whose husband he had interned (previous to taking them all) I assured him she would have the food ready for him. WHICH SHE DID! It upsets me when my intelligent friends write; it would be better to send dentists instead of missionaries to N. Guinea! "My reply, "Who do you think cared for my teeth my 6 yrs. among them?" One of their orders is "heal the sick and cast out devils."

MORNING. The botanists have seen your letter and will write the forestry botanist, J. Womersley, Lae where the Lutherans have their headquarters also. Revs. Kuder of U.S. and Flierl, son of one of the founders of the mission, are are Supts. It is a vast and old mission with several inland stations. Rev. Strauss is at Mt. Hagen, a most desirable place where I was forbidden to go. "and Streicher, pioneers, were put on a boat by the Govt. to be returned to Germany, these key men were prayed off that boat. Dr. F. Laubach, "apostle of Literacy to a billion" probably had a hand in this affair for the Govt. was minded to oust all German born missionaries when He said "so far and no farther shalt thou go." Thus the U.S. born Germans took over two inland stations among cannibals (via Lae), Rev. Frerich from Nebraska (first met at 13,500' on Mt. Sarawaket when lost from my hut); Rev. Bergmann, brother of George at Boana, 3000' elev. where was my headquarters when camped on alpine Rawlinson Range; Perhaps the most inland sta. is where Rev. Paul Helbig is about to retire after nearly half century but his son Martin has an upper grade school, which was not far from Sattelberg. Helbig son-in-law Rev. Hoffman began the Paul Helbig sta. but since internment is probably still near the coast. Rev. Wagner at Ulap has endured much hardness in the mts. and internment, - gave me succour after spending a night alone on a sandbar in a diabolical river coming down from a large lake. Ulap was the nearest I ever reached the Madang Mission where is the great new hospital mostly "financed by U.S. friends". Dr. & Mrs. Braun in charge, we met in Brisbane also Dr. Hagar, a mighty woman was here and had a U.S. commission in So. Amer. She and the Brauns are Americans. These will put you in touch with the Markham Valley stations where we spent some time, - these colls. were published, - we spent some days trekking from there to Boana where the imported calf soon broke his neck, the stallion, his back, and I sprained my ankle coming from a native service. My well trained "boy" Alaseu, a short time ago was with Rev. Gatzelmann on the southern outskirts of the mission. Lungao was an influential headman with a modern house in Boana area with Hicapee (my spelling for these). Had a few HAPPY days at Kalasa, now manned by Americans, a day's travel from Ulap. Wau is the newest station built by Behrendorf, who had the sawmill; Dave Rohrlach ran the steamers and rescued many New Britain sufferers during the war at his risk. Rev. Reiner died at an inland sta. Inquire for Rev. Mannehan and Rev. Hor... who was an ex-policeman. Dr. Lily Perry was KEEN to continue her studies on N. Guinea flora. "the least known of any in the world!" there was a rusty Comp. tree by my alpine camp, the genus not known here nor in Singapore. Cordially, M. S. Clemens. *M.S.C.*

6/18/51



ROYAL BOTANIC GARDENS,
KEW,
RICHMOND,
SURREY.

All communications should be addressed to
THE DIRECTOR,
quoting the following number:—

18th June, 1951.

To Whom it may Concern

Mr. Otto Degenr is known to us as an
assiduous student of the New Guinea Flora who
sends us specimens of the species he discovers.
Any facilities that can be afforded him in his
collecting of plants will therefore be
appreciated.

(Sir Edward Salisbury)
Director, Royal Botanic Gardens,
Kew.

N. 6/19/51

Ray: Return to C.D.

SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
WASHINGTON 25, D. C.

June 19, 1951

AIR MAIL

Mr. Otto Degener
Waialua, Oahu
Hawaii

Dear Mr. Degener:

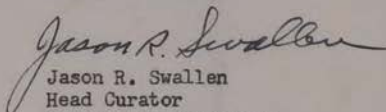
✓ Yesterday I restudied the material of *Digitaria* which I had previously designated as a new species and a new variety of *D. pacifica* Stapf. I have decided that the material of your Nos. 21316, 21317, and 21318 should be referred to *D. stenotaphrodes* (Nees) Stapf. The specimens are somewhat variable, but the size and shape of the spikelets, the habit, and the pubescence of the foliage is right for this species. *D. pacifica* has smaller spikelets which are ovate rather than elliptic, as in this species. I am sorry we cannot describe a new species, but perhaps it is better this way. At least I am glad I discovered my error before making a synonym.

✓ I have restudied your No. 21319, which I have named *Eragrostis paupera* Jedw. I am still of the same opinion after comparing the spikelets with those of the type. The only difference that I can see is that the spikelets of the type are longer with more numerous florets. The lemmas are relatively narrow and thin with prominent veins, while in *E. whitneyi* they are rather broad and obtuse, relatively firm, and the nerves are obscure. It is true that it seems strange that this Hawaiian species should be found so far away, although with communications as they are today it actually would be a simple matter.

I hope I shall be able to send you a report on your other collections before too long.

With very best regards,

Sincerely yours,


Jason R. Swallen
Head Curator
Department of Botany

DO NOT NEGLECT TO ADDRESS THIS CARD

IF THIS CARD BE ADDRESSED TO A PLACE OUTSIDE THE COMMONWEALTH TO WHICH
THE BRITISH EMPIRE RATE OF POSTAGE DOES NOT APPLY, A 1d. POSTAGE STAMP
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PRICE: THREEPENCE

LETTER



CARD



Dr. Otto Degener,
Box 187 Waialua, Oahu,
territory HAWAII.

DO NOT NEGLECT TO ADDRESS THIS CARD

6/21/51

Botanic Museum, Brisbane, Australia, June 21/51.
Perhaps you will think me over eager to make
your New Guinea expedition a success, in leaving
no stone unturned that might in any way give
you a helpful suggestion,--and since the Lutheran
church papers being posted to you today has so
many names of missionaries whom we knew, are
mentioned in these papers they may be a bit of
clue of guidance, is my hope. You will note
the acting Superintendent is from Nebraska in
which state my two brothers live and this Rev.
A. Frerich has done a great work among the can-
nibals so is familiar with the less known areas
which he may have approached from the Markham
plane route. The Mission owns a plane. Perhaps
no where in the world are expert pilots needed
more than in this mountainous country with its
wind currents and high altitudes. The Govt.
has recently opened, or removed their years of
"keep out" restrictions where the most danger-
ous of all N.G. cannibals live which is a re-
joicing or answer to the Missions prayers,--you
will be the first bona fide botanist to let
them hug you with their pig-greased bodies may-
hap, so do not wear your Sunday clothes! The Mt.
Hagen natives well bedaubed Dr. F. Laubach but, O
how his visit has affected that station for
good, as they are using his phonetic system.
One of the key women whom we lived with at Sat-
telberg, Mrs. Hofmann, daughter of the Helbigs,
died leaving 4 children. Rev. Hofmann is at Bi-
lian, Madang and pioneered one of the highland
stations--is native-wise and could sketch for
your publications possible which would be heavy
ease to him in his sorrow. Hope Palmyra W. has
for her Mac-Arthur eulogy. M.S. Clemens has
M.S.C.



TERRITORY OF PAPUA - NEW GUINEA

In Reply
Please Quote

No. B.33

Department of Forests,
PORT MORESBY. PAPUA.

JBMca/JMD

29th June, 1951.

Dr. Otto Degener,
C/- Bishops Museum,
Honolulu, HAWAII.

Dear Dr. Degener,

A copy of your letter of 12th May, 1951, to Qantas Empire Airways referring to your proposed collecting trip to New Guinea, has been forwarded to me for advice on suitable localities.

The Forest Botanist, Mr. J. S. Womersley, who is stationed at Lae in New Guinea, and myself, are keenly interested in your proposal. We shall be pleased to assist you in every possible way.

Mr. Womersley is building up a Papua-New Guinea Herbarium at Lae. He will therefore be pleased to associate himself closely with your field work. Wherever possible we would be glad to obtain duplicates of your collection for retention in the local Herbarium.

I am advising Qantas Empire Airways that the most suitable areas, from the point of view of access, for you to visit would be as follows:

1. The Sogerit plateau region some 30 miles from Port Moresby, and perhaps through to the Owen Stanley mountains.
2. Wau, in the goldfields country. From Wau there is relatively easy access to the high country exceeding 9,000 feet.
3. The Central Highlands. This is a system of valleys at an altitude of 5,000' with mountain ranges exceeding 10,000' in many places, and in some places reaching above the tree line but not reaching a permanent snow line. Aiyura, Goroka and Nondugl would be suitable collecting localities in the Central Highlands.
4. Rabaul.

If you can fit your arrangements in I would suggest you postpone your visit until the latter part of 1952, when Mr. Womersley will have returned from leave. He will then be able to personally join you, at least part of the time, in the field.

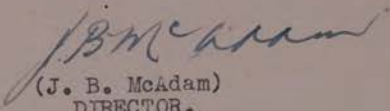
May I suggest that you write directly to Mr. John Womersley, who will be glad to co-operate with you directly to make your collecting trip a success.

There are usually rest houses of a sort in most of the native villages, but I doubt if they would reach the standard of those in Fiji. I think you may find it necessary to make more than a week's stay at some of the centres to give you sufficient collecting time in the interesting areas, which normally are situated on a more rugged and inaccessible topography than is found in the vicinity of the aerodromes themselves where you might therefore care to organise somewhat more elaborate arrangements than just one native assistant. I think that in Fiji it is possible to hire a native to look after one's personal needs, a native who seems to be associated with or attached to the rest houses. This system does not apply in these Territories, and it is usual to hire a personal servant for a period to look after these requirements. However, I feel sure that if you contact Mr. Womersley direct, he will be able to assist your detailed planning materially.

From Rabaul, which is on New Britain, and would give you a variety of flora different from that of the Main Island, you could probably work out into the mountains of the Gazelle Peninsula. Mr. Bill Heather is our Regional Forest Officer there and would assist you with information as to how to get about. Rabaul is the focus of Qantas services to Bougainville and New Ireland, both of which boast fair elevations and would be interesting botanically should you have time to fit them in.

I trust this information will be of some assistance to you. Do not hesitate to enquire further if I can be of assistance to you.

Yours truly,


(J. B. McAdam)
DIRECTOR.

7/8/51

Mokuleia Beach,
Waialua, Oahu,
T. Hawaii, U. S. A.
July 8, 1951.

Dear Mr. Womersley:

Director McAdam just wrote me a most interesting and informational letter in answer to one of my letters to Qantas regarding botanizing in New Guinea from their various airports. Mr. McAdam advised me that you plan building up an herbarium at Lae and that I should write you.

I have botanized in the Hawaiian Islands since 1922, working on a Flora of the Hawaiian Islands. The work is far from completed and I, now 52 yrs. old, am beginning to realize that in a decade or two my hiking days will be forever over. I really should concentrate on Hawaii yet, as long as business takes me to Tahiti in July 1952 anyway, I see no reason why I cannot play hooky, as it were, for a year or two and see and botanize in other parts of the beautiful South Seas. Though a botanist, I am human.

Naturally, the opportunity to join you in botanizing in a region whose conditions you know better than any one else, must not be lost. So, if at all possible, I shall try to time my botanizing in the regions suggested by Mr. McAdam with your schedule. Yet I cannot be 100 % sure how finances and my various projects - the afforestation of Canton Island, and publishing a book about "Plants of the Tropics" with Dr. Moldenke of New York - will enable me to be on the right spot the latter part of 1952 when you return from your leave.

housing
I try to collect 25 sets or so of herbarium specimens so that if some insane man-made holocaust destroys half a dozen institutions, my botanical catch, representative samples still remain extant somewhere for future workers to study. The first set I am practically obligated to turn over to my institution, the New York Botanical Garden. I shall try to arrange to give the third set of N.G., plants to that institution which will properly poison and mount Set 2 on sheets for you. Even though the N.G., trip is still far in the future, I may as well plan ahead of time.

You may be surprised at my habit of collecting so many sets. I never use cardboard corrugations but metal ones instead. Then I use Coleman kerosene - I fear benzine - lanterns for heat, drying even stubborn plants in 24 - 36 hours. I have the lanterns burning night and day, as many as 6 - 8 at a time. In a new region, I start collecting everything right from the door of my shack or tent, and on both sides of the trail. Thus I may the first day get no farther than a fraction of a mile. The next day I keep right on from where I had stopped the day before. Thus I may extend my distance from the main camp but half a mile. Then, as all the more common material has fallen victim to me, only the less common and rare plants remain to be collected, and hiking distance from the camp increases by leaps and bounds in later days. Some of the commonest plants are often the most important (economically) and interesting. For such collecting I need good natives to carry presses and to help fill & pump lanterns, abstract dried plants and add fresh ones to the presses twice daily, and give native names and native lore. That is why I prefer natives from the area in which I collect. Men even only 10 miles away don't know the trails and are usually ignorant of local lore.

I mentioned that Dr. Moldenke and I are working on a book called "Plants of the Tropics". We call it "POT" for short. It is tiresome to read the same old facts or fables repeated for the last hundred or more years by one author from another. I want original lore. During this trip while in the lowlands where the pantropic material grows, I should be able to assemble much material of such a kind by getting some good faithful native to tell me at ease about his uses of the coconut, breadfruit, mt. apple, mangrove, etc.

I have a couple of hundred cuts in my various books that I shall use over again, reduced perhaps one-half, to illustrate POT. Many these plants undoubtedly grow in New Guinea and neighborhood. It would be nice if I could write a pamphlet, as I mentioned to Mr. McAdam, with some one in New Guinea on the common or interesting plants of N.G., and neighborhood. We could use these cuts, at a tremendous saving in cost. I believe such a pamphlet would be quite useful. I am having a copy of my Flora. Haw., mailed you. It is a shame it takes so long to reach you by mail. I believe at least 100 of my illustrations apply to plants growing in N.G. Besides these, I have many more as yet unpublished drawings filed away for printing as Books 5 & following.

This chance for successful N.G., help is very exciting to me. A 30-yr., old horticulturist, Horace Clay, wants to accompany me if he can "scratch together" sufficient funds. He is eager to introduce ornamental plants to gardens and conservatories.

I won't know a single one of your N.G., plants and won't waste my time poring through botanical literature in a vain attempt to identify or describe the catch. Now I accomplish things quickly is to realize my limitations - the Haw. flora is my proper field - and to rush N.G., plants of certain families or genera to proper specialists scattered here and there around the World. For example, Dr. Swallen of the U.S. National Museum is already eager to work up the grasses; Dr. Fosberg, Rubiaceae; Dr. Sherff, Bignoniaceae and many other genera; Harter, Lycopods, Bartram, mosses; Miller, liverworts, Copeland or Horton, ferns; Yuncker, Piperaceae; Moldenke, Verbenaceae; Gleason, Bignoniaceae; Merrill, Myrtaceae; etc., etc. For their labor, they are "paid" in duplicate plants. It is a nice method, and stimulates speed.

Aloha,

7/13/51

TELEPHONE LUDLOW 4-8500

THE NEW YORK BOTANICAL GARDEN

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July 13, 1951

Mr. Otto Degener
Mokuleia Beach
Waialua
Oahu, Territory of Hawaii

Dear Otto:

Yours of July 8 is at hand and I was quite surprised to learn that you had your eye on New Guinea. That is, of course, a botanical area which is relatively unworked and there should be a great deal of fine stuff to come out of that island.

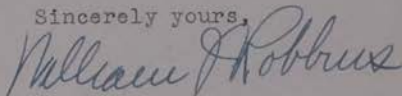
As to angels, they are few and far between and I fear they will get rarer as the new tax laws become effective. However, I shall keep your needs in mind. In the meantime, have you been in touch with Dr. Harold J. Coolidge, whose address is: Pacific Science Board, National Research Council, 2101 Constitution Avenue, Washington 25, D.C. They have an extensive program which includes botanical exploration, as well as other biological aspects of the Pacific area.

Dr. Keck tells me that we have no metal corrugates on hand. He is looking into the matter and if we can locate them, we will see that you get 100 as you request.

Unfortunately, I know none of the people mentioned in the letter of June 29 from Dr. McAdam.

We all join here in sending you our kind regards.

Sincerely yours,



William J. Robbins
Director

WJR:haz

P.S. Yours of July 10 arrived after I had dictated the above. I will write Mr. Gordon Bowles and learn what the possibilities are under the Fulbright Act. I shall send him a copy of the letter from Dr. McAdam.

W.J.R.

7/22/51

THE ARNOLD ARBORETUM
HARVARD UNIVERSITY

JAMAICA PLAIN 30, MASS., U.S.A.

address → Brit. Mus. (Nat. Hist.)
Cromwell Road, London
S.W. 7

Dear Deperet:

July 22

Just a brief note. I took up your suggestion
this week George Taylor and he is interested - not
only in helping with letters but also possible
financial support either via a grant or a
sit of publications or payment at a much later
shepherd. He will ~~write to you~~ write to you.

As to the B.M. write to the Secretary. I'll pay
off hand that I.M. would be interested mainly
because he is not interested in the ~~specimens~~ but
you never know? If he says "no" I can slip
past him in his letter since that I can slip
up a few hundred. When the time comes. I
have some nice supporters who usually pick in
when I indicate a valid need for funds!

Nowhere, almost anywhere - but these
are vast regions absolutely untouched. One even
now get into remote interior places by plane
etc, where men have been developed. But don't
forget all of the Solomon New Britain, New
Hebrides, all crying for exploration and all
very rich - much richer than any of the
Pacific islands proper. I'd be inclined to visit the

Pacific Islands & get into the El Dorado of
Polynesia! No ferry can "do" the stuff! I'd
be glad to help. Incidentally I'm keeping all
fragments of Pacifican species as possible.

Mrs M. does the tourist stuff & goes home at
end of Sept. I work at the B.M. from 9 AM to 6 PM
(can get in earlier & even today get there at 6 PM -
can't get in at all in London). I've
already used between 3500-4000 annotation labels
in unarranged, unnamed, mostly unmounted
Malaysian stuff. Oh! list of botanical material

as far as botanical from books, magazines etc. Well Monday I start in on the vast Clavens & Carr collection (Barnes & New Guinea). You see this is a "division of THE HANFORD UNIVERSITY THE HANFORD UNIVERSITY THE HANFORD UNIVERSITY" by doing nothing. It takes me less time to push back than Mrs M. because I don't get lost. I have to travel all over creation to find my way back.

Keep me posted in Pabuan or P.W. Pacific. I am really interested. While size with new possibilities when I get out there. Sincerely

E.D. Merrill

USA interest in New Guinea probably low =

but for the H.B. Bartlett, Univ. of Michigan, U.S. Nat. Herb., N.Y. of course, Bailey Hortorium at Cornell, Messeri Bot. Garden, Univ. Calif at Berkeley, Calif Acad Sci San Francisco, British Mus. ought to be interested. You never know. Arnold Arboretum, Sweden, Geneva, Turin etc. distinct possibilities etc.

Handwritten notes and lists of names, including: H.B. Bartlett, U.S. Nat. Herb., N.Y., Bailey Hortorium, Cornell, Messeri Bot. Garden, Univ. Calif at Berkeley, Calif Acad Sci San Francisco, British Mus., Arnold Arboretum, Sweden, Geneva, Turin, etc. The text is dense and difficult to read due to the handwriting and overlapping lines.

8/6/51

D. T. FLEMING
LAHAINA, MAUI, T. H.

August 6 - 51

Mr Otto Degen

Oranien. Cabin

Dear Mr Degen:-

Many thanks for
your very kind note of July 28th.
Really, I hated to learn the Pros & Agri.
culture, but it was a choice between
the two Pros; & I felt that the Pros
of Agriculture is a much stronger
organization, because of the personal-
ity of its membership, than the Mann
Oranien Pros. I certainly should
know a lot about Mann's needs, &
I am here here long enough! But
I will miss the many most interesting
discussions by such men as Pondexter,
annual horticulturists and other experts in their
respective lines.

I am particularly glad to learn that
Miss Greenwell is starting an orchard
in Hawaii - an orchard of indigenous
trees I presume. I tried hard to get the

Ward, Agriculture to do that, but was
not able to get much backing. However,
with prospect of more time for my
two rabbits before long I am getting
2500 ft. or so, just beyond Whakalahine,
elevation about 2500', the crater of a
large cinder cone. Rainfall is about
40" or 50" there, & I hope that the
more tolerant plants of high, high
& the best cereals will grow there.
It will be a lot of fun trying, anyway.

But I can ask what you de-
cided about that Hawaii Nian - the
one with the large lemon-colored flower.

I see plenty of it growing along
with the common Hava *schubertii* var. *truncata*
and *truncata*; also there is some on the
Haleakala Beach - But I have not
heard of it at Lanikai.

As for the bird deer matter, which has
lain dormant for some time: - Maybe
you are right that the boys of today are
not as fond of roughing it as more men
of 50 years ago. If my work at Lanikai
all meet at the immovable chairs, my new

8/22/57

UNIVERSITY OF CALIFORNIA

DEPARTMENT OF BOTANY
BERKELEY 4, CALIFORNIA

22 August 1951

Mr. Otto Degener
Mokuleia Beach
Waialua, Oahu
Territory of Hawaii

Dear Mr. Degener:

We are glad to acknowledge receipt of the package of specimens which arrived with your letter of July 28th. Dr. Mason has approved purchase of the material, so we shall - for the time being - array ourselves with the first class of your customers, described in your letter. If my count was correct, there were 127 sheets of specimens and the postage amounted to \$1.22. We shall ask the proper administrative agencies of the University to pay you this sum, but please do not be disturbed if there is a certain amount of delay involved in the transaction.

Our funds for the purchase of specimens are very slight, indeed, and we should not be able to purchase any large quantities of Hawaiian specimens from you, no matter how much we should like to have them. We probably can, however, take a hundred or two a year, so long as they represent the quality and variety of the present shipment.

I realize that you cannot make special forays for individual desiderata, but I should like to call to your attention my interest in Hawaiian Umbelliferae. The family is not very well developed in the islands, but there are interesting endemic species in the genera Sanicula, Spermolepis, and "Angelica" - I doubt that the latter species are properly referred. There are also, I believe, some representatives of Hydrocotyle. For specimens of any of these genera, which relate directly to my research, I should be glad to pay double your usual fee. Some of them, if not all, are doubtless very rare, but I thought you might bear my interest in mind in case your explorations afford you an opportunity to encounter any of them.

Under separate cover, I am sending you a copy of a paper by Dr. Shan (now behind the bamboo curtain, in Shanghai?) and myself on the genus Sanicula, which makes some mention of the Hawaiian representatives of the genus. I hope that it may, therefore, prove of interest to you.

Sincerely,

Lincoln Constance
Lincoln Constance
Curator of Seed Plants

8/29/51

Der Leiter
der Botanischen Staatssammlung,
MÜNCHEN.

München 38, den 29.8.51.
Menzingerstraße 13.
Telefon 35065

An Herrn Dr. Otto Degener, Mohnleia Beach, P-O. Box 187, Waiialua
Oahu, T.Hawaii U.S.A.

Sehr geehrter Herr Doktor !

Die Botanische Staatssammlung München sendet Ihnen heute in einem Paket die Bogen von Syzygium zurück, die Sie anher gesandt hatten. Der 1. Teil ist *S. sandwicense* (nebst einigen leichten Uebergangsformen zu *S. oahuense*); der 2. Teil ist *S. oahuense* Degener et Ludwig. Ich habe meinen Mitarbeiter Ludwig die Durchsicht der ganzen Bogen vornehmen lassen (unter meiner Kontrolle), sodass ich es für das Beste hielt, wenn er auch für die Namengebung zeichnet, nachdem er doch die Blüten analysiert hat. Der 3. Teil kann von uns nicht bearbeitet werden: es sind die Exemplare mit eingerolltem Blattrand; bei diesen fehlen aber die Blüten gänzlich, sodass sich nicht mit Sicherheit entscheiden, ob es sich um Syzygium handelt, wiewohl dies sehr wahrscheinlich ist. Bestimmungszettel sind beige-fügt. Zurückbehalten habe ich nur einige Stücke von *S. oahuense*, damit wir doch einen Beleg haben. Ich hoffe, dass Sie damit einverstanden sind und ebenso mit der Veröffentlichung der neuen Art, *S. oahuense*, in unseren Mitteilungen. Leider ist das Porto für das Paket sehr teuer (über 21 M), was fast die Leistungsfähigkeit unseres Etatspostens übersteigt.

Ich hoffe, dass Sie die Sendung in gutem Zustande erhalten, danke Ihnen für den biographischen Artikel, der Sie betrifft, und verbleibe

mit den besten Grüßen Ihr sehr ergebener

K. Suessenguth

Univers.-Professor
Dr. Karl Suessenguth
München 38
Botan. Institut

retired was that I did not then pull out and
tie in with some other institution. But then
it had never dawned upon me how far
and how fast the tearing down of systematic
botany would go. We have had a real fight on
for nearly three years and the end is not yet
for the pot is really in the fire now. Maybe the
final vote will come this fall and if it is along
the line that I want, then will come the long
task of rebuilding what was so carefully cast
out immediately the "new plan" was abandoned.
There are now four legal opinions, but maybe
after all nothing will be settled short of court
action. Anyway, I hope something will be decided
before long for it is really depressing to sit on
the sidelines and watch the working of these very
was a productive unit. One by one acts have been
cast out as illegal, and this gives some note to
the final action after four years of wrangling
which has been fatal will put us back in a
quo ante and us from domination by a little
group of laboratory technicians. May be I
shouldn't write this at all, so please read it
confidentially.

Mrs Merrill sails on 19th for N.Y. I shall
remain probably through ~~November~~ November
if the threatened coal shortage doesn't freeze me out
earlier. Later as though I may have to make a
short trip to Holland before I finally sail for
home.

About only European countries are free exchange
and Switzerland & Sweden (I think). But by special
permission (of the difficult to get) orders payable
in U.S. currency can be placed. But your swiss
of course often on a sterling account here
& then so would I did. I had a modest
bank account in P. here, and after some years

BRITISH MUSEUM (NATURAL HISTORY)

Telephone: KENSINGTON 6323

Telegram:

NATHISMUS, SOUTHKENS, LONDON



CROMWELL ROAD

LONDON, SW7

decided to "set it up" which I did in August
closing the account. If you do get into the
S.W. Pacific region Canberra would be interested
for these ~~North American~~ collections are being assembled

I've finished my big task of snatching
names in a vast number of specimens, some
mounted, partly more unmounted. All this
material is now in families and papers. Today
I started in on the Carr New Guinea lot.
To see how much faster I can carry the
work, and at the same time pull out
specimens — there is supposed to be two
sets here and I may have difficulties
and whoever made all the sets certainly
mixed badly — may get between
 $\frac{1}{3}$ and $\frac{1}{2}$ from the material as yet
unmounted.

May is I haven't answered all your
queries or suggestions. I'll do all that I can
to help and I find that I am still
pretty good at making sufficient lists so that
specimens can be distributed more or less
where they belong.

Overcoming with that the financial
situation is such that he now has to pay
a subsistence per diem of £3.00, whereas
in happier times it was never more than £0.50.

So it is clear that if one seeks to so
butamine field work anywhere one
must select his base of observation where
infection hasn't poisoned the locale.

I could pull many thorns out of
publication here. But from all that I
can gather with us the further building up
of the herbarium is more or less
frowned upon. As it is the Farlow is
actually on ice, great quantities of
unworked material was given away. The
gray is at low ebb. Circulation seems
from 4 or 5 to one in the Museum. And
the Ames = with it somewhat very much
the worse. We did have seven; now
we are down to three. Retirement, resignations
etc resulted in each case absolutely in
cancellation of the position in spite of
large addition to endowment (\$1,500,000)
~~that~~ Here I am getting off on what
has happened in four short years.

Best wishes

Sincerely

EW

9/17/51

Jno. 12, a pound of ointment of spikenard, very costly....why was not this ointment sold for three hundred £s and given to the poor?!

Botanic Museum, Brisbane, Australia. Sept. 17, 1951.

Dear Prof. Degener, "called to be saint"!

Your former generous contributions have "astonied" me but when posting the songlets as a gesture of acknowledgement of your photo postal and Pacific Paradise, the parliament post-mistress handed me your brain-child of a life time of labour the 13th Sept.; it humbled me and it seemed to me it should have gone to some great institution where generation of botanists yet unborn might revel in the many sketches and descriptions. Its first pages were opened in the garden sitting beside an ex-Lt. of the R.A.F. who is leaving here to live in Melbourne where his appreciation of gardens will bring him in touch with Mr. Jessop and his staff to whom he will mention his introduction to your work and doubtless consult it there. He has flown about all over the earth and seen a greater variety of plants than have most botanists. This brought about my mentioning Carveth Wells "Six years in the Malayan Jungle" WHICH you probably read years ago.

When one reads your classic: "A botanist leaves Hawaii" I can but think of the king-poet David's psalm: What is man, that thou art mindful of him? and the son of man, that thou visitest him? For thou hast made him a little lower than the angels, and hast crowned him with glory and honour.

Dr. Merrill and many others who knew your kindness to LeRoy Topping will be glad for your last salute to him in this May 10, 1945 Torrey Botanical lecture.

Here follow extracts from Prof. R.E. Holttum's Sept. 5 letter:.... I left Singapore July 13 and have now almost completed my holiday in England I expect to be back in Singapore Sept. 17th. When I reached London I stayed there two days, and saw Dr. Merrill at the B.M. He looked well and was very busy sorting out old Malayan specimens. I also went to Kew and looked out ferns; also met there Prof. Irene Manton of Leeds who is working on the cytology of Ceylon ferns. Chromosome observations have now been made on some 130 species. It is still too early to say much in the way of conclusions, but one thing is clear, namely the very striking difference between the Dryopteris-Polystichum group and the Thelypteris (or Lastrea) group which are usually included with them (also by Copeland). I had stressed their difference, which the cytology confirms..... We climbed Helvellyn on a beautiful day. I have a paper on Marantaceae in the press at Singapore and will send you a copy. Also one on the fern genus Pleocnemia at Bogor. My book on the orchids of the Malaya Peninsula has been sent to the printers, but it may take two years to finish.

My wife and daughters are well....."

Am sending you a paper of the Mission plane crash in the Luthern area, N. Guinea, -inclosed a U.S. church paper also. Gratefully,

M.S. Clemens

M.S.C.

We are having drought but the still leafless Erythraea are ablaze, and Hibiscus Abasco.

9/19/51

THE ARNOLD ARBORETUM
HARVARD UNIVERSITY

JAMAICA PLAIN 80, MASS., U.S.A.

September 19, 1951

Mr. Otto Degener
Mokuleia Beach
Waialua, Oahu, Territory of Hawaii

Dear Mr. Degener:

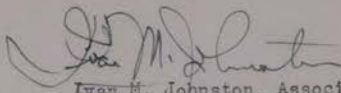
Your letter of September 4 addressed to Dr. Sax has come to me for attention, since I am in charge of all herbarium and library matters.

Naturally I am very interested in your projected botanical exploration in the South Pacific. With all your experience in the area there is every reason to believe that any collections you may make from Tahiti southward towards New Guinea will be of great interest. I need not tell you that here at the Arboretum we will do all we can to help the work and to get, eventually, some benefit by having any collections you make available for reference and study here.

I wish, however, that you would be a little more explicit as to your plans and particularly as to the amount of money you need. Possibly you discussed this with Dr. Merrill, but if so, information bearing on these points is not available to me, since I have no access to his correspondence. If I had more detailed information as to what might be expected as to bulk of collections from the expedition and as to plans for having them worked up and distributed, I would be in a better position to decide how much of our exploration funds could be turned over for your use. I would also be glad if you would let me know if it would be possible to spread our contribution over two years, in other words, would it be possible for me to set aside funds from the budgets of two successive years? With such a plan I probably could make a larger contribution toward the expedition. As soon as I hear from you and have some idea of the amount of financing needed, I will be glad to let you know whether the Arboretum can participate financially in your expedition. I hope that we can have the opportunity of doing so.

With best regards,

Yours sincerely



Ivan M. Johnston, Associate Director
Supervisor of the Herbarium
and Library

IMJ:U

9/20/51

Butler University

INDIANAPOLIS 7, INDIANA

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Rex N. Webster, Mycology
W. A. Dally, Phycology
Fay K. Dally, Charophyta
William Homeler, Assistant

September 20, 1951

Mr. Otto Degener,
Mokuleia Beach,
Waialua, Oahu, T.H.

Dear Mr. Degener:

I have your letter of September 7 regarding the possibility of subscribing for some of your specimens from your proposed trip to the south Pacific islands. I am sorry that we do not have any University funds for this use, but I would be willing to subscribe for the first Century from my personal funds, and when the time comes, would be glad to consider the purchase of additional Centuries, if you will let me know what is available and at what cost.

I am sorry that your earlier letter regarding the package of specimens which you sent has gone so long unanswered. It came during my vacation, and the rush of opening the new school year has made it impossible to reply sooner. Just yesterday, our herbarium assistant opened your package and counted the specimens and poisoned them. According to his count, there were 49 specimens. I am enclosing my personal check for \$5.00 for them. You do not say what you wanted for them, but since the usual price runs about 10¢ per specimen, I am making my check as above noted.

Yours sincerely,

Ray C. Friesner

Ray C. Friesner, Head

RCF:hg

9/21/51

SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
WASHINGTON 25, D. C.

September 21, 1951

AIR MAIL

Mr. Otto Degener
Mokuleia Beach
Waialua, Oahu
T. H.

Dear Degener:

Thanks for your interesting letter of September 4. I will send you a few reprints soon of recent articles. It seemed like a good idea to get a preliminary paper on the Fijian flora into print, since I had assembled the figures, but of course they are very provisional and cover only the species actually described - not all those yet to be collected.

Your plans for a visit to Tonga and/or Tahiti sound fine and make me quite envious. I wish I could offer to name your material in exchange for a set. Actually it would be quite possible to work on specimens from that region here at Washington, but the time factor would probably not be acceptable to you. I foresee that I will have no free time for such work for at least a year and probably two, but if you were willing to send one set of your specimens (only after they are completely labeled) for naming, with the understanding that you might have to wait three years for the names, I could undertake the job. I expect this proposition won't interest you. But at any rate Swallen is willing to undertake naming the grasses promptly, so send these along as usual.

If you find someone else to do the identifications (but why don't you do them yourself, which would not be difficult at the Bishop Museum?), we would hope to purchase at least a partial set. But I'm sure you appreciate how sparse our funds are for purchase of specimens - this is apparently one item the Museum does not like to be committed for. We try to put a small amount in each annual budget for purchase of such material, just in case something interesting is offered, but the amount usually turns out to be insignificant. We would hope to be able to purchase from you up to \$100 worth of specimens (named and labeled) from Tonga or the Societies in 1952-53, at the rate of \$10 - 15 per 100. I realize that the plants will be worth more and that we ought to jump at the chance, but this half promise is as far as we can commit the Museum.

Won't it be difficult to send out small amounts of material from the field in time to receive payment for further collecting? How are you going to get the specimens named, labeled, sorted, etc. while still in Tahiti? Maybe you can manage this, but I would recommend that you assemble the whole collection and take it back to Hawaii, then label and name it in one operation. Of course this means a slower financial recompense, but it strikes me as the more practical way. You ought to be able to sell several sets, but most institutions will be more interested if you can state that the sets are completely made up before you

offer them. If you work it this way, hold a good set for us and I expect that we can get the funds in some way, if the matter is not put on an "immediate" basis.

It is very pleasant living in Washington, and I am determined to complete work on the Fijian collection this winter; I still have some difficult groups to do, like Rubiaceae and Cyrtandra, but this summer I made final comparisons with the Harvard material and now only have to find time to write the actual descriptions and notes.

Let me know as your plans progress,

With best regards,

aps

A. C. Smith
Curator
Division of Phanerogams

Answered 9/19/51 that probably I should send one set immediately to Smith, another to Merrill & third to Berlin, asking for determinations. Those sending determinations getting those plants free and paying for unidentified ones.

9/25/51

UNIVERSITY OF MIAMI

Tropical Food Research Laboratories

SOUTH CAMPUS

P. O. Box 1015 - South Miami, Florida

Sept. 25, 1951

Dr. Otto Degener
Mokuleia Beach
Waialua, Oahu, (Honolulu)
Hawaii.

Dear Dr. Degener:

Thank you for your letter of September 11th regarding "Plants of the Tropics". I am sorry to learn that two of these pamphlets are out of print but I will certainly be glad to obtain the two which are still available. I will be glad to mail you a personal check to cover the cost of these publications as soon as I learn their price. I have also taken steps to see that our library purchases "Flora Hawaiiensis".

I agree wholeheartedly with you that Miss Miller of the University of Hawaii has written some excellent publications and I have I believe a fairly complete file on her work covering the past eight or ten years.

With regard to a receipt for seagrapes jelly, I believe you will find the following quite satisfactory:

Include some unripe seagrapes with the ripe fruit. Boil fruit until tender and squeeze through a jelly bag. To 4 cups of boiling juice add 3 cups of sugar and a dash of lime juice. Boil rapidly until a jelly test is obtained.

Hoping this information will be of assistance to you, I remain

Sincerely yours,

Margaret J. Mustard

Margaret J. Mustard
Research Assistant Professor
of Food Technology

MJM:sd

mailed
2 10/9/51
pd 50
cents

9/25/51

1923 Keddes
Ann Arbor, Mich.
September 25, 1951

Dear Otto,

I am terribly sorry and embarrassed about leaving Honolulu without seeing you to say "so long" for a while. As you are aware I left in a bit of a rush. Believe me, it was sure saddening to watch the islands fall away over the horizon.

I have seen Bartlett and he read me your very complimentary letter. Thank you. In return I tried to push your proposals. Bartlett is taking action on them but I doubt that he will be able to get enough money to send me along with you. It is no secret that I could not finance myself one cent. In any event, I shall continue to act in your interest to the best of my ability.

At present, I am working in the herbarium making loans and putting them back in the cases. I came across several of your plants in just a small collection but none of St. J.'s yet. Assuming our herbarium to be typical I would suggest that you hold some kind of a record for distributing plants.

My academic program consists of French, ecology (from Chanceron), and research. Offices and space are at a premium here but I have two - one out at the bot. gard. and one at the museum. Both are large with rather good working conditions and all mine.

I understand that Hatheway is highly regarded at Harvard. Maybe he will write to me if he is back there now. I lost track of him. My last letter came from Chicago.

Did I tell you that Julie and I were planning on taking the final step in February? I am looking for a job in the Trust Territory or on a rubber plantation or in Samoa or Tahiti or in S. America or some such place as soon as possible. Ann Arbor is still pretty but still there is a certain greyness which do not compare favorably with Hawaii.

Otto, I have a friend in L.A. who wants to raise Anthurium in his air-conditioned greenhouse. What is the procedure to get them to him to raise?

Is David Cyde going part of the way with you?

My interest continues to lay in Hawaiian and other bryophytes so don't stop sending them. I will cover the postage on them. They are best sent to me % Botanical Gardens, University of Mich., Ann Arbor so they will be delivered nearest my big storage place.

Let me know how things are going at Mokuleia once in a while.

Sincerely,
Al

9/30/57
TELEPHONE LUDLOW 4-8500

THE NEW YORK BOTANICAL GARDEN

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September 30, 1951

Mr. Otto Degener,
Waialua, Oahu, Hawaii

Dear Otto:

Thanks for your letter of the 22nd. I shall file your letter from Dr. Behr in my POT file and have made a copy of yours to him also to file here. I have sent your letter to him off to him as per your request.

Now there are certain matters that must be clear in my mind before I can go on with this job. Your statement that you will be inaccessible for two years is disturbing, because that means you will not be available for consultation; therefore these matters must be perfectly clear before you go.

(1) You sent me a list of species which you said were species that you have pictures of and would like to write up yourself. I find that a good many of these already have been written up by you in the text of POT vol. 1 which you sent me (and which I copied verbatim) -- some under different generic names.

(2) No pictures accompanied your text of POT vol. 1 sent to me, if I recall correctly. I am assuming, therefore, that such species ~~are~~ are described in it and which are not also on your list mentioned in "(1)" are species of which you as yet have no illustrations.

(3) I therefore assume also that these species, as referred to under "(2)" are the ones that you want Dr. Behr to illustrate for you -- and only these. That would be 68 species in all.

(4) I have made a single alphabetic list of all the species in both your lists "(1)" and "(2)". A copy of this list is enclosed herewith. I am assuming that the species in this list -- 396 in all -- are the sum total of all the species you have in mind to put in POT as your contribution. On this list the names following by nothing else are species only on your list "(1)" -- so these I assume have been illustrated by you (that is, of which you have illustrations) but have not yet been described by you, and which you plan yet to describe. -- The names followed by an asterisk are those from your list "(2)" which I know you have described, but which you apparently have no pictures of yet, and which you are going to want Behr to illustrate for you. -- The names followed by "(also *)" are those which you have illustrated and described, and which are those all completed for the POT (except for checking by me). There are thus 141 species illustrated only, 68 described only, and 187 both illustrated and described -- grand total in Degener contribution 396 species.

(5) Your list of descriptions speaks of a *Duranta plumieri*; your list of illustrations speaks of a *D. repens*. They are conspecific -- the correct name is *D. repens*, and I have it under that name in the alphabetic list. You have *Euphorbia pulcherrima* in your list of descriptions, and *Poinsettia pulcherrima* in the list of illustrations -- the two names are synonymous. I prefer the latter name, and have listed the species under it in the alphabetic list. You have *Cassia occidentalis* in your list of descriptions and *Ditremexa occidentalis* in the list of illustrations. The two names are synonymous; I prefer the latter, but have listed the species under the former name in the alphabetic list. You have *Eugenia jambos* in your list of descriptions, but have a *Jambosa jambos* and a *Syzygium jambos* in the list of illustrations. All three names are synonymous; I prefer *Jambosa jambos* for the

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species, but have left it under *Eugenia jambos* in the alphabetic list. You have "*Heliotropium anchusaefolium* in the descriptions, but *Verbena anchusaefolia* in the list of illustrations. The former is correct and it is under that name in the alphabetic list. You have a "*Clerodendron fragrans* var." in your list of illustrations -- I've not seen the picture, but assume you mean *Clerodendrum fragrans* var. *pleniflorum*, and so I have it listed thus in the alphabetic list. In your list of illustrations you have a "*Clerodendron fallax*" -- I assume you mean *Clerodendrum speciosissimum*, and so I have the species listed thus in the alphabetic list.

(6) You have a "*Lantana camara*" both described and illustrated. This species in its typical form is not as common in the tropics of the world as its vars. *aculeata*, *mista*, etc. I suggest that you let me see the picture and let me re-write your discussion to bring it into conformity with my studies.

(7) You have *Cassia alata* in your descriptions, and a *Herpetica alata* in the illustrations. I haven't looked up the matter, but aren't these names synonymous? You also have *Tectaria fruticosa* in the descriptions and *Cordyline terminalis* in the illustrations -- aren't they the same thing?

(8) You have *Hemerocallis flava* in your list of illustrations, but *H. fulva* among the plants that I am to do. You did not make a slip here, did you? You mean to include both species?

(9) I have gone through all the cards that you sent, that Hawkes sent, and that the other person in Florida sent. I am returning to you today via first class mail all the cards that apply to species which are on the lists that are your part of the book. I am keeping the cards for all the species that are not on your lists and which I therefore assume are species that I am to describe and illustrate. I have typed an alphabetic list of these, and am sending a copy of this list to you herewith, too, for your files. If there are any species on this list now which you definitely do not want me to work up, please tell me at once, because unless I hear from you in this regard I will assume that I can go on at once in drawing up descriptions of all these and getting MacKeever to start making pictures of each of them (except for the five that are marked "#" on the list, for which you apparently have illustrations already). IF you have illustrations already for any others that are on my list, please tell me at once, so I don't go to the expense of having MacKeever make illustrations of them for me. Unless I hear from you that you have illustrations, I will assume that you have none ready for any species on this list except the ones marked "#".

(10) Now in regard to the pictures to be made for you by Dr. Behr. As stated above, I assume that these are for the 68 species mentioned under "(3)". Do you want me to send him a list of these via airmail and have him tell me as soon as possible how many of these he can illustrate? Then, what shall be done about the residue? I will no longer be a staff member at the Garden then and, even if I were, requests from me will be turned down by the new authorities, I am sure. On the other hand, you will still be on the staff. I think that you should ask the Garden to send to Dr. Behr representative herbarium material of those species on loan. If that won't work -- then maybe you could suggest that Miss Hall send him a list of books that have good illustrations of each of these species, which he could use as models if he can get access to the books. In short, I'm afraid I'll not be able to handle this matter of having the Garden cooperate with Behr, while you will

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be in a better position to ask these things of the Garden. Of course, I'll be very happy to examine his drawings and make necessary corrections, either be returning them to him for correction or asking MacKeever to make the corrections on them. If You could get Dr. Behr to give an institutional address as his headquarters, I think you would have less trouble in getting the Garden to send him herbarium material on loan. In general they will not send material to a private individual, but will be more willing to do so to an institution. You could have him ask some institution in his city accept parcels for him and return them for him. You write German (I do not) so you had better write this to him, not I, although, of course, I'll carry on after you leave on your trip.

Hoping that this letter reaches you in time and looking forward to an answer to all the points brought up here via return air mail, and wishing you every success and happiness on your projected trip. If you can give me any addresses at all where I might be able to reach you, please do so with inclusive dates when mail might reach you at that place.

Alma sends you her very best wishes, too, as always,

Your sincere friend,



Use only my 15 Glenbrook Avenue, Yonkers 5, New York, address!

Species to be written up and illustrated by Mollenke

(ones marked # are ones that Degener has illustrations for)

Abrus precatorius#	Cannabis sativa
Acacia catechu	Canarium commune
Acalypha hispida	Canarium odoratum
Acrostichum aureum	Canavalia ensiformis
Aegle marmelos	Carludovica palmata
Agathis australis	Caryota elata
Agave cantla	Caryota urens
Aglais edulis	Casimiroa edulis
Ailanthus excelsa	Cecropia peltata
Ailanthus malabarica	Cedrela odorata
Alangium lamackii	Celosia cristata
Almandia hendersonii	Ceratonia siliqua <i>have small drawing</i>
Almandia schottii	Chamaesyce hirta
Alcasia macrorrhiza	Chamaesyce prostrata
Aloe vera	Cicer arietinum
Alsophila lunulata	Cinnamomum camphora
Alsophila spinulosa	Cinnamomum zeylanicum
Alternanthera sessilis	Citrus aurantifolia
Amherstia nobilis	Citrus aurantium
Amorphophallus spp.	Citrus limonia
Amorphophallus titanum	Citrus maxima
Anacardium occidentale	Citrus medica
Anona reticulata	Citrus nobilis
Anona squamosa	Citrus paradisi
Anona muricata	Citrus sinensis
Anthurium scherzerianum	Citrus vulgaris
Anthurium veitchii	Codiaeum variegatum
Antidesma bunius	Coix lacryma-jobi
Arachis hypogaea <i>(I have write up)</i>	Commelina spp. <i>have some drawings</i>
Araucaria bidwillii	Corypha umbraculifera
Araucaria cunninghamii	Cortaderia argentea
Araucaria excelsa	Couroupita guianensis
Araza catechu	Cryptostegia grandiflora <i>have drawings</i>
Arenge saccharifera	Cyathula prostrata
Artabotrys odoratissimus	Cycas circinalis
Asparagus plumosus	Cycas revoluta
Asparagus sprengeri	Cymbopogon cristatus
Averrhoa carambola	Cymbopogon nardus
Averrhoa bilimbi	Cyperus alternifolius
Bambusa spp.	Cyperus bulbosus
Bassia butyracea	Cyperus rotundus <i>have desc. + partial drawing</i>
Basella rubra	Desmodium spp.
Bauhinia tomentosa	Dieffenbachia seguine
Beaumontia grandiflora	Dioscorea hispida
Boerhaavia diffusa	Diospyros kaki
Boerhaavia repens#	Dolichos biflorus
Borassus flabelliformis	Dorstenia spp.
Boussingaultia baselloides	Drymaria cordata
Brassica chinensis	Durio zibethinus
Brassica pekinensis	Echinochloa crus-galli
Brosimum galeotodendron	Elea guineensis
Breynia nives var. genuina f. hirsuta <i>(have partial drawing)</i>	Eleocharis dulcis
Buddleia madagascariensis	Eleteria cardamomum
Bulbophyllum beccarii	Eleusine coracena
Calamus rotang	Ephedra spp.
Caladium bicolor	Erythrina corallodendron
Callistemon lanceolatus	Erythrina indica = cassia <i>variegata var. orientalis have illus. description</i>
Canna indica	Erythroxylon coca
Canna edulis	Eucalyptus alba

- Eucalyptus globulus
 Eucalyptus robusta
 Eucalyptus ros-rata
 Eucalyptus polyanthemus
 Eucalyptus resinifera
 Eucalyptus coriacea
 Eucalyptus saligna
 Eugenia aromatica
 Eugenia uniflora
 Euryale ferox
 Euterpe edulis
 Fagopyrum esculentum
 Fagopyrum tataricum
 Fagraea fragrans
 Feronia limonia
 Ferula narthex
 Ficus altissima
 Ficus benghalensis
 Ficus benjamina
 Ficus carica *have ricinifoliate drawing*
 Ficus elastica
 Ficus krishnae
 Ficus pumila
 Ficus religiosa
 Filicium decipiens
 Forrestia marginata
 Fortunella spp.
 Garcinia mangostana
 Ginkgo biloba
 Gloriosa superba
 Glycine max
 Gnetum gnemon *have drawing*
 Grammatophyllum speciosum
 Guizotia abyssinica
 Gynieria sagittatum
 Haematoxylon campechianum
 Hemerocallis fulva *have drawing*
 Hernandia peltata
 Holcus sorghum
 Houttuynia cordata
 Hydrocotyle verticillata *have drawing*
 Ipomoea batatas
 Iresine herbstii
 Jasminum grandiflorum
 Jasminum humile
 Jasminum officinale
 Jasminum primulinum
 Jasminum sambac
 Jasminum simplicifolium
 Jasminum undulatum
 Juniperus bermudiana
 Kyllingia brevifolia
 Lathyrus sativus
 Lilium longiflorum
 Lensium domesticum
 Leporeta spp.
 Lens esculenta
 Lodoicea maldivica
 Lonchocarpus violaceus
 Lucuma nervosa
 Maranta arundinacea
 Medicago hispida *have drawing*
 Melilotus indica
 Melilotus alba
 Metroxylon spp.
 Melia dubia
 Michelia fuscata
 Mimosa elengi
 Mimosa elata
 Monochoria vaginalis#
 Montrichardia arborescens
 Moringa oleifera
 Morus alba
 Morus nigra } *have drawing*
 Morus rubra
 Mucuna pruriens
 Muehlenbeckia platyclada
 Musa textilis
 Myristica fragrans
 Nipa fruticans
 Nymphaea spp.
 Olea europaea
 Oreodoxa regia
 Oryza sativa
 Pachyrhizus erosus
 Panicum maximum
 Panicum millicum
 Papaver somniferum
 Pennisetum macrostachyum
 Phaseolus linatus
 Phaseolus mungo
 Philodendron giganteum
 Phoenix canariensis
 Phoenix dactylifera
 Phoenix pusilla
 Phoenix sylvestris
 Phormium tenax
 Phytolapha macrocarpa
 Pilea glaberrima
 Pilea microphylla
 Pimenta officinalis
 Piper cubaba
 Piper nigrum
 Pisum sativum
 Pithecolobium guadelupense #
 Platycerium spp.
 Plumbago rosea
 Plumeria alba
 Polyscias spp.
 Prosopis spicigera
 Puya gigas
 Rajania wilsoniana
 Raphanus sativus
 Ravenala madagascariensis
 Rheum emodi
 Samanea saman
 Sanderoricum koetjape
 Sapota achras
 Scaevola grandiflora
 Sesbania grandiflora
 Sesuvium portulacastrum
 Seteria italica
 Seteria palmifolia
 Solanum quitoense
 Stenochlaena palustris
 Spirodela spp.
 Stenochlaena palustris
 Stretitzia resinosa
 Strychnos potatorum
 Styra benzoin
 Scirpus grossus
 Scirpus maritimus

Syzygium aqueum
 Syzygium cumini
 Syzygium malaccense *purpurea (have drawing)*
 Tacca leontopetaloides *have illust. description as T. nanou*
 Tabernaemontana citrifolia
 Tabernaemontana coronaria
 Tabernaemontana cumingiana
 Theobroma cacao
~~Tricholena rosea~~ = *repens (I have illust. desc.)*
 Triticum aestivum # *illustrated descrip*
 Trapa bispinosa
 Trigonella foenum-graecum
 Vigna catjang
 Ximenia americana
 Yucca spp.
 Zizania edulis
 Zea mays

= 263

10/2/51

Dr. H. Hurlimann,
Institut Français d'Océanie,
NOUMEA (Nouv. Calédonie)

Namua, the 2nd October, 1951.

Dr. Degener,
Box 187,
WAILUA, OAHU
Terr. of Hawaii

Dear Sir,

At the library of the French Institute of Oceania, I have seen your "Flora Hawaiianis". As I am doing botanical work here in New Caledonia and planning a trip to polynesian islands, I am much interested in the flora of the Pacific territories. Would you please send me your "Flora" to the following address:

DR. H. HURLIMANN, c/o Mr. STRATMANS, DEPT. of AGRICULTURE,
NUKUALOFA, TONGA (SOUTH WEST PACIFIC).

To cover the cost, I shall join a \$10.- share to this letter and ask you to return the change in U.S. Postage stamps.

With my congratulations for your beautiful work, and with many thanks in anticipation

Yours sincerely

H. Hurlimann

charged 6.50
10/9/51

10/2/51

Ministère de l'Agriculture

Jardin Botanique de l'Etat
236, rue Royale, BRUXELLES

CABINET
DU DIRECTEUR

25.741

Bruxelles - Brussel 2 - 10 - 1951. IX

Ministerie van Landbouw

Rijksplantentuin
236, Koninklijkestraat, BRUSSEL

KABINET
VAN DE DIRECTEUR

Dear Sir,

In reply to your letter of September the 8th 1951, I beg to inform you that I am quite willing to subscribe to a complete duplicate set of the botanical collections you intend to make in 1952-1953 in Tahiti, Tonga and New Guinea, at the mean price of \$ 12. per century.

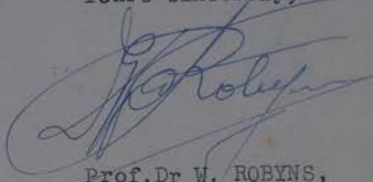
It is understood that the collections will be first class and determined down to the species and that they will be sent to the "Jardin Botanique de l'Etat" at Brussels.

If these conditions suit you, I would like to have an idea of the approximate importance of your intended collection.

I therefore would be very much obliged to you for giving me the approximate number of specimens you intend to collect.

With all best regards,

Yours sincerely,



Prof. Dr. W. ROBYNS,
Director.

Mr Otto DEGENER,
Naturalist, Hawai National Park,
Mokuleia Beach,
Waialua, Oahu, T.H.
(Hawaii Islands).

Chr. Denis - Bruxelles - 310 - 1951. 1000

10/3/51

BAILEY HORTORIUM
NEW YORK STATE COLLEGE OF AGRICULTURE
CORNELL UNIVERSITY
ITHACA, NEW YORK

L. H. BAILEY, *Director*
G. H. M. LAWRENCE | *Taxonomists*
H. E. MOORE, JR.
ETHEL ZOE BAILEY, *Curator*
MARION RUFF SHEEHAN, *Illustrator*

Address:
BAILEY HORTORIUM
SAGE PLACE, ITHACA, N. Y.

3 October 1951

Mr. Otto Degener
Mokuleia Beach
Waialua, Oahu
T. H.

Dear Mr. Degener:

Your letter to Professor Bailey has been referred to me for reply. As you may know Professor Bailey is reducing his activities in the Hortorium and some of his correspondence is being handled by others of us on the staff.

In his behalf I should like to thank you for the parcel of Hawaiian material you sent us several months ago for our studies. We are very happy to have them for they add materially to our representation of your flora and Miss Bailey informs me that to date she has received no letter from you pertaining to them.

With regard to the exsiccata that you propose to collect on your forthcoming trip to Tahiti and southward, I find it necessary to advise you that we have had to curtail the extent to which we are expanding our herbarium collections. This being necessitated by reductions in operating income and in available space to house them. It is not our intention to maintain a large world herbarium in competition with other major institutions of this character in this country. For this reason we are concentrating on exsiccata from areas of major importance as sources for cultivated plants and from areas important for groups being given special study by members of the staff. As you may know, Dr. H. E. Moore, of our staff is continuing Dr. Bailey's studies on the palms. For this reason we should be very happy to purchase from you adequate palm material (with flowering or fruiting parts as well as foliage) from such specific islands as your trip may take you to during the forthcoming expedition.

Cordially yours,

Geoyett M. Lawrence
G. H. M. Lawrence

lm

10/9/51

The ACADEMY of NATURAL SCIENCES
of PHILADELPHIA

FOUNDED 1812

NINETEENTH AND THE PARKWAY

PHILADELPHIA 3, PA.

TELEPHONE, Rittenhouse 6-7622

CABLE ADDRESS, Acadsci Philadelphia

October 9, 1951

Mr. Otto Degener
Mokuleia Beach
Waialua, Oahu, T. H.

Dear Mr. Degener:

We are very grateful to you for your further
gift of plants from Hawaii.

My desire is for this institution to become a
subscriber to your project for 1952-53, but our Director hesitates
to have us acquire material that has little prospect of study in
the near future. It seems to me a glorious opportunity to obtain
material of various genera poorly or not represented here, and for a
modest price. Such background material is many times a help to
one's studies. I will see what I can do about it. You see my
special interest in the Scrophulariaceae is little supported by
collections from the South Seas, although the high mountains of
New Guinea are surprisingly rich in endemic members of this family.

Cordially yours,

F. W. Pennell

Francis W. Pennell
Curator of Plants

FWP/c

LUCHTBRIEF

Mr. O. Degener,
Waialua,
O A H U,
Hawaii.



PER LUCHTPOST / PAR AVION

NIETS INSCHIJTEN!
INDIEN ZUKS TOEG GESCHIEDT, DAN WORDT DEZE BRIEF
PER BOODT TAEIN VERZONDEN

AFZENDER Prof. Dr. H. J. Lam,
Hort. Kserbarium, Leiden, Netherlands.

RIJKSHERBARIUM, NONNENSTEEG 1, LEIDEN, October 17th, 1951.

No. 922.

10/17/51 identification;

ONDERWERP: exploration.

CONCERNS:

ANTWOORD OP:

REFERENCE:

AAN

TO

Mr. O. Degener,
Waialua,
O A H U,
Territory of Hawaii.

Dear Mr. Degener,

Thanks for your letters of September 8th and 11th. Regarding the last one I provided the Bishop Museum with the same list of identifications I sent you, announcing the shipment of some duplicates from your collection at some future date.

I was interested to know from your first letter that you are considering a botanical exploration trip in the Pacific region. Though our funds for these purposes are very limited, I think the Rijksherbarium ought to subscribe and support you. I have only to make this restriction, of course, that a foreign currency permit is granted by the National Bank.

Of course, I would like to have the full set, but this depends on: 1. the region; 2. the total number of your collection; 3. the financial possibilities of my institute. I am afraid I will not be able to promise you any money in advance. I may also have to ask you to divide the amount, if somewhat elevated, over two years. Please, let me know more particulars.

With kind regards,

yours sincerely,

H. J. Lam

HJL/EWJ.

(H. J. Lam)
Director, Rijksherbarium

*Replied I would wait 2+ yrs for
complete payment.*

10/17/51

Pass-A-Grille, Fla.
VA office

1951-52

PAUL O. SCHALLERT, M. D.

P. O. BOX 282

ALTAMONTE SPRINGS, FLORIDA

I think I
left it to
go into
you before
I set of
these plant
books.

Dear Friend Degener, - Last week I
rec'd another surprise pkg from you and
brought it along with me down here
where I would have more time to study
the unusual specimens you sent.

You inclosed some very unusual fungi
and also some Seb. papaya seeds. We will
plant some of these at once and the rest
next spring when frost danger is over, which
usually strikes us here in Feb. if at all.

You also inclosed some interesting reprints
which I have read and will file away for
future reference. Also there was a letter from
one H. de laszla which I would answer only
I can't figure out what country, for his letter
does not state. It may be England but his
name is not English. So what is his country?

I have worked among the Hopi, and have a
book by one of their leaders on their
medicinal plants, but I hardly think it possible
that any plant such as he mentions would have
any such effect on the female of the species.

Exidently he meant Lithospermum
Rondelata which as you know belongs
to the Borage Family. If this plant was
thus effective, it would surely have been used
by other Races, and especially by our modern
young women and even teenagers. However
I can assure you that in our entire present-
day drug and plant armamentarium we
do not possess anything with such effect or power.
So babies still come - many unwelcome ones
by the Caucasian Race.
I have an easy position here - plenty of time
to Read, write etc. but I do not like so much
travelling. This is 145 m. from my home and
Grace Nkei to stay and work in her garden.
We see the Seavers often as they are such very
good friends of ours. Recently they purchased
a new car, but Fred is still a little wary about
driving it as they were a long time without
a car. He is not teaching this year.
Many thanks for all you sent. Will be glad
to get more flower seeds to plant here.
I wrote to you not very long ^{ago} along with
other matters about the masses to come
from Hawaii? Is this young chap still working
on these masses? Of course I can wait as I
would like to have them all named. I do have
Bartram's Book on Ham. Mosses. Love from
Paul O. Hollick

Funkfernsprechen
nach Südamerika
für jedermann
zugelassen



11/23/51

Herrn Dr.O.Degener
Mokuleia Beach
Waialua, Oahu

Botanische
Staatssammlung
MÜNCHEN

T.Hawaii (U.S.A.)
P.O.Box 187

München 38, 23. Nov. 19 51
Menzingerstraße 67 Tel. 35065

Sehr geehrter Herr Doktor,

heute möchte ich nur
die kurze Mitteilung machen, dass Nr. 21375 =
Amaranthus gracilis Desf. (Kalihistreet near Bis-
hop Museum, Honolulu, Oahu June 12, 1951. und
Nr. 21295 = *Amaranthus dubius* Mart. (Canton Island,
July 1950).

Mit recht freundlichen Grüßen,
Ihr

K. Suessenguth.

Prof. Dr. K. Suessenguth.

Cole.

Canton
Iris

10/24/51
NATURHISTORISKA RIKSMUSEET
BOTANISKA AVDELNINGEN
STOCKHOLM 50

Stockholm den 24. Okt. 1951.

Mr Otto Degener
Mokuleia Beach
Waialua
Oahu T.H.

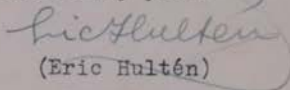
Dear Sir,

In answer to your letter of Sept. 9th I can say that we are interested in obtaining a series of botanical duplicates specimens from your projected 1952-53 journey to Tahiti, Tonga and New Guinea, provided that the price is 10-15 \$ per Century.

Naturally it is difficult to decide so far in advance but if the conditions do not change too much we will be able to buy a set.

I hope that this information will be enough to guide you concerning the number of sets that should be collected.

Sincerely yours


(Eric Hultén)

Director

of the Botanical Department.

to open cut at top

BY AIR MAIL

AIRLETTER



Dr. Otto Degener,

Mokuleia Beach,

Waialua, Oahu,

HAWAII, U.S.W.

First fold here

Third fold here

From: J.S. Womersley,
Division of Forest Botany,
Department of Forests,
LAE, New Guinea.

Second fold here

If anything is enclosed, letter will be sent by ordinary mail.

11/6/51

TERRITORY OF PAPUA AND NEW GUINEA.

Division of Forest Botany,
Department of Forests,
LAE, New Guinea.

Nov. 6th., 1951.

Dr. Otto Degener,
Mokuleia Beach,
Waialua, Oahu,
T. Hawaii, U.S.A.

Dear Dr. Degener,

Some short time ago I was very pleased to receive the copies of your Flora Hawaiiensis and Plants of Hawaii National Park. These will be very welcome additions to our library.

Recently I have been trying to determine with some clarity my collecting program for the latter part of 1952 and early 1953. At present I am proceeding to Australia on leave on Dec. 16th., and will be returning about mid-June. My address while in Australia will be 2 Egmont Terrace, Erindale, South Australia.

I already have a collecting trip programmed rather tentatively for August-September to the Jimmi River area of the Central Highlands. After this I have planned nothing in anticipation of your visit to the Territory. Could you let me know how your arrangements are progressing?

We have recently experienced some rather severe financial cuts in the Territory Administration so that I shall have to budget very carefully for expenditure on collecting trips in future, particularly for 1952/53. As this will have to be done before I leave in December I shall be pleased to hear from you in the near future.

Yours sincerely,

J.S. Womersley
J.S. Womersley, Forest Botanist.

*I offered to
pay an average
of \$200 per
month in the
field.*

11/9/57

Portland, Nov. 9, 1957

Dear Degener:

I hope it so turns out that you can get into really exciting collecting territory where chances for guides and helpers are not exorbitant. A few weeks ago I was going south in February and I have an idea that I'll be off again for Honduras. But I'm too worried and too stressed collecting. I am tired of many things. I desperately have some idea when I was in the Philippines, but I don't know now when I'll be done in any far-off future. I definitely shall not pass through the Philippines that I contacted you. I was retired on age into I wasn't asked to stay past until 2 years beyond the stipulated 70, and then I was 7 years beyond the next retirement age. I requested to be relieved of all administrative responsibilities when I reached what the grand new place involved, but otherwise I never have been in a fight at any time as far as I have been since he took over the job. He is in a bit of a situation in it, so as soon as the bank moved it said we will have a new selection. This action was postponed to 1952 and the place still doesn't seem to be further and faster and faster. It has been a terrific debacle.

I don't know now, but I may be able to help you after I get back; and I will be home as soon as I can, so I'll be back at the Aft as soon as I can. I said on the Santa Mary Dec. 15. I have a substantial fund, money turned in by various benefactors who seem to believe in me. I would like to be in control now by what the bank said the big old makers and I the laboratory technicians. It is a few hundred dollars and I can think of ways and means to increase it by closing a kind here and there. It is not sufficient to do this probably but the reason for it is thought (correctly) that what may be turned in here may be used to pay - decrease the amount of unrestricted money given to the Aft for the big old makers. Remember that big old makers don't believe in reference collections and see no use whatever in field collections; and that in most U.S. under the better makers are in control.

I have Eugenia reinwardtiana in possession (the old world shrub Eugenia x fossilia). The plantain one you received is a positive gift to reinwardtiana. I think it is in a recent form. Arnold's but I haven't seen it - or have I? I'm not sure about it now and then.

Mr. Townsend do to send all I should like to me and then to get a lot to the Aft. What I am concerned with is a pit for the Aft in which the present (temporary I hope) policy. I do not trust those responsible for harboring.

Library. So I set it to be known that although I had the entry to the vast accumulation of slides at the B.M., that I was not making any time in making available for institutions that didn't know where it was going; nor would I make any exchange arrangements that might be reflected on me right. The experience just after I retired was enough!!

If you get off a start mailing, with from the field, send a set addressed to me at the A.M. (which is confidential). All other would a contribution from the A.M. for your benefit (but the set) or

All draw on my discretionary fund up to at least \$300.00 - \$400.00 (or more if I can make some more contributions). I will be glad that I can build it up to at least \$1000.00 for your benefit if the heavy materials. One unsolicited donation of \$500. came in a box of the "Red" - which were for \$1000. also, some solicited. I've drawn on the fund for several assistance (solicited) at times but I'm sure there is at least \$400 in it now. So more power to you.

Now about bread you need in that proposed helicopter ascent is that little bit in Kauai, but get at some unsolicited or very kindly explained via mountains to the far south west. Have you tried Buchholz and H.L.; California; Michigan; Wisconsin; Iowa and a few similar ones. They are lovely like the money and some would probably give you as a weekly as well. Robert, as, Ray etc. Most about forget about making in Stockholm & Berlin in Germany. They seem to have money and means of raising the wind when a good collection comes along.

Enclosure 3/11

BY AIR MAIL

AIR LETTER

IF ANYTHING IS ENCLOSED THIS LETTER WILL BE SENT BY ORDINARY MAIL.



Mr. Otto Deppner
Mokalaia Beach
Honolulu
Oahu
Hawaii

Sender's name and address -

→ To open cut here

→ To open cut here

11/11/51



Marien-Apothek
AUGSBURG-DR. H. H. ZIEGENSPECK
MITTLERE MAXIMILIANSTRASSE
GEGR. 1346

POSTSCHECKKONTO MÜNCHEN 53205
BANKKONTEN STADTSPARKASSE 7447
BAYER. VEREINSBANK 17311

AUGSBURG, den 11XI 1951

Sehr geehrter Herr Professor!

Ganz Überraschend kam ein grosses Paket mit Hawaier Pflanzen, die schon als eine Sendung aus einer fremden Welt meine Aufmerksamkeit in Anspruch nahmen. Aus der Fülle der Herbarpflanzenwaren mir zumal die Santalaceae sehr willkommen, da gerade diese Familie etwas in meinen StomaArbeiten stiefmütterlich behandelt sind. Sie werden als erste unter das Messer kommen.

Inzwischen werden Sie auch meine beiden Sendungen bekommen haben. Die Arbeit über den submikroskopischen Bau des Holzes und die über den Bau unserer kümmerlichen Liane der Clematis. Bei uns ist das alles nur in kleinen Ausmassen und man kann nur die ungeheuren Formenfülle der Tropenwelt ahnen. Ich bin jedoch überzeugt, dass die dortigen Lianen analog gebaut sind.

Für mich als Mitteleuropäer sind aber auch die Zeitungen, in die die Herbarpflanzen gebettet sind, nicht ohne Wert. Unwillkürlich sieht man sich die Annoncen und auch die Artikel an. Man kann sich dann doch ein gewisses Bild von den dortigen Zuständen machen. Dabei bin ich mir bewusst, dass diese Zivilisation natürlich nur von einer gewissen Oberschicht getragen wird. Die wirklich Einheimischen leben in einer anderen Welt. Man kann sich so im Vergleich mit Ihrem Buche vielleicht das richtige Bild machen. Da ich früher viel in Osteuropa und Südosteuropa gereist bin (Baltische Staaten Finland Polen Jugoslawien etc) so überträgt man dieses Neben einander von Alter Kultur und neuer Zivilisation unwillkürlich und ich glaube, dass das auch stimmt. Wie würde man aber doch überrascht sein, wenn man plötzlich diese Zonen betreten würde. Es herrscht dort heute auch der Gegensatz von Reich und Arm ebenso, wie der Mensch mit seinen Nöten dort genau so sich quält und andere ärgert wie hier. Die Menschen sitzen aber dort doch noch

nicht so aufeinander wie bei uns mit den vielen Heimat-
losen und Vertriebenen.

Ich glaube, dass man sich von dort ebenso ein romanti-
sches Reisebild macht wie sovieler von meiner Heimat.

Eines aber ist doch sicher. Die Pflanzenwelt
ist dort noch nicht so ausgeforscht wie bei uns, wo al-
les so bekannt zu sein scheint.

Also nochmals mit dem besten Danke

Ihr ergebener

Hingens

THE NEW YORK BOTANICAL GARDEN
BRONX PARK
NEW YORK 58, N. Y.

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WILLIAM J. ROBBINS

November 16, 1951

Mr. Otto Degener,
Waialua, Oahu, Hawaii

Dear Otto,

Thank you for your letter of October 10th. I note all the emendations you have made to the list of species that you will handle for P.O.T. I have transcribed these to my list of species that you will handle. ~~This now makes 383 species that you are handling [44 illustrated only so far, 9 described only so far, and 330 both illustrated and described already].~~ I am relying on you or Miss Greenwell to notify me AT ONCE whenever you add any species to this list, so that I don't take the time and possibly money to do that species myself here. This is important. Similarly, I'll notify you at once if I add any to the list of "Species to be written up and illustrated by Moldenke", which list you have.

Gus gave me a complete copy of your Fl. Haw. Thank you.

Mrs. Greene wrote me a long letter and sent me lists of what she has available. However, since your last letter explicitly recommends that I do not spend money on illustrations and says that you plan to pay for all my illustrations by specimens. Personally I doubt if this will work out, but if that is your wish, o.k. However, I have already told MacKeever that he could make some for us on a commission basis, so I'm afraid I'll have to have at least 50 or so made by him. Then the rest I'll leave for your European friends to do for me for payment in specimens by you. I'll try to give Mac species to do that would be harder for a European to get hold of.

You say that there is nothing on your list for Behr to draw, but even in the revised and emended list you sent me and which I return herewith there are 9 species you apparently have described but no illustrations of yet. How about those? Or do you mean that you also had drawings for these? They are *Eulophia alta*, *Ficus roxburghii*, *Guilandina crista*, *Guillemia gaspapa*, *Hillebrandia sandwicensis*, *Lutea hillebrandii*, *Philodendron clematis*, *Rhynchospora cordifolia*, & *Synonymium podophyllum*. Then there are 7 names still on your list for which you say "no descr., no illustr." You did not cross them out, so I assume you mean that you plan to handle those species. How about letting him do the illustrations for those for you? If you mean that any of these 14 species will not be handled at all by you, please tell me so, and I'll cross the names off your list. As it is, they are still on your list, so I assume you plan to do them.

I have no preferences as to *Adenostemma* vs. *Lavenia*. Whatever name you prefer is o.k. with me. No, I'd say we need a drawing of only one *Morus*, and describe the rest in text only. Your one picture should suffice; since it is on your list I assume you will write it up and include the other species, too. Yes, I believe the original spelling was *Pithecellobium* and so should be used. I agree with you that original spellings should always be retained and not "corrected".

Since writing the above I have decided that I'd better re-type the two lists of species once again and let you have a copy of the revised lists to make sure that we now agree completely on who is to do which species. I think that I've now made all the corrections and emendations on the two lists that you indicated in your letters should be made. If anything is still amiss, please write me about it at once so I can get the lists absolutely correct to this point.

I've had no letter from Behr yet.

With kindest regards and all best wishes to you from Alma, Andy, and myself, I am, as always, your sincere friend,

Harold

excuse, please!

Moldenke will handle these species for P.O.T.
 § Degener has illustration

15 Glenbrook Ave.,
 Yonkers 5, N.Y.

<i>Abrus precatorius</i> §	<i>Canarium commune</i>
<i>Acacia catechu</i>	<i>Canarium odoratum</i>
<i>Acalypha hispida</i>	<i>Canavalia ensiformis</i> & related spp.
<i>Acrostichum aureum</i>	<i>Carludovica palmata</i>
<i>Aegle marmelos</i>	<i>Caryota alata</i>
<i>Agathis australis</i>	<i>Caryota urens</i>
<i>Agave centria</i>	<i>Casimiroa edulis</i>
<i>Aglaia edulis</i>	<i>Cattleya labiate</i> & other orchids
<i>Ailanthus excelsa</i>	<i>Cecropia peltata</i>
<i>Ailanthus malabarica</i>	<i>Cedrela odorata</i>
<i>Aleogium lemarckii</i>	<i>Celosia cristata</i>
<i>Alocasia macrorrhiza</i>	<i>Ceratonia siliqua</i>
<i>Aloe vera</i>	<i>Cestrum nocturnum</i>
<i>Alseophila lumbata</i>	<i>Chamaecyparis hirta</i> §
<i>Alseophila spiralis</i>	<i>Chamaecyparis prostrata</i>
<i>Alternanthera sessilis</i>	<i>Cicer arietinum</i>
<i>Amherstia nobilis</i>	<i>Cinnamomum camphora</i>
<i>Amorphophallus</i> spp. incl. <i>titanum</i>	<i>Cinnamomum zeylanicum</i>
<i>Amorcardium occidentale</i>	<i>Citrus aurantifolia</i>
<i>Annona reticulata</i>	<i>Citrus aurantium</i>
<i>Annona squamosa</i>	<i>Citrus limonia</i>
<i>Annona muricata</i>	<i>Citrus maxima</i>
<i>Anthurium scherzerianum</i>	<i>Citrus medica</i>
<i>Anthurium veitchii</i>	<i>Citrus nobilis</i>
<i>Antidesma bunius</i>	<i>Citrus paradisi</i>
<i>Archia hypogaea</i> [Otto has descrip.]	<i>Citrus sinensis</i>
<i>Araucaria bidwillii</i>	<i>Citrus vulgaris</i>
<i>Araucaria cunninghamii</i>	<i>Clerodendrum fragrans</i> var. <i>plentiflorum</i> §
<i>Araucaria excelsa</i>	<i>Clerodendrum indicum</i>
<i>Areca catechu</i>	<i>Clerodendrum spectabile</i> §
<i>Arenga saccharifera</i>	<i>Clerodendrum thomsonae</i>
<i>Artabotrys odoratissimus</i>	<i>Codiaeum variegatum</i>
<i>Asparagus plumosus</i>	<i>Coffea lachrymosa-jobi</i>
<i>Asparagus sprengeri</i>	<i>Comelina</i> spp.§
<i>Averrhoa carambola</i>	<i>Congea tomentosa</i>
<i>Averrhoa bilimbi</i>	<i>Corypha umbraculifera</i>
<i>Avicennia marina</i>	<i>Cortaderia argentea</i>
<i>Avicennia alba</i>	<i>Couroupita guianensis</i>
<i>Avicennia nitida</i>	<i>Cyathula prostrata</i>
<i>Avicennia officinalis</i>	<i>Cycas circinalis</i>
<i>Bambusa</i> spp.	<i>Cycas revoluta</i>
<i>Basella butyacea</i>	<i>Cymbopogon cristatus</i>
<i>Basella rubra</i>	<i>Cymbopogon nardus</i>
<i>Bauhinia tomentosa</i>	<i>Cyperus alternifolius</i>
<i>Begoniantia grandiflora</i>	<i>Cyperus bulbosus</i>
<i>Boerhaavia diffusa</i>	<i>Cyperus papyrus</i>
<i>Boerhaavia repens</i> §	<i>Derris</i> spp.
<i>Borassus flabelliformis</i>	<i>Dioscorea alata</i>
<i>Boussingaultia baselloides</i>	<i>Dioscorea hispida</i>
<i>Brassica chinensis</i>	<i>Diospyros kaki</i>
<i>Brassica pekinensis</i>	<i>Ditaxis dodgettii</i>
<i>Brosimum galeodendron</i>	<i>Dolichos biflorus</i>
<i>Breynia niven</i> §	<i>Dorstenia</i> spp.
<i>Buddleia madagascariensis</i>	<i>Drymaria cordata</i>
<i>Bulbophyllum beccarii</i>	<i>Durio zibethinus</i>
<i>Calamus rotang</i>	<i>Echinochloa crus-galli</i>
<i>Caladium bicolor</i>	<i>Elaeis guineensis</i>
<i>Callistemon lanceolatus</i>	<i>Eleocharis dulcis</i>
<i>Canna indica</i>	<i>Eleocharis cardamomum</i>
<i>Canna edulis</i>	<i>Elaeine coriacea</i>
<i>Cannabina sativa</i>	<i>Ephedra</i> spp.
	<i>Erythroxylon coca</i>

<i>Eucalyptus alba</i>	<i>Mercurialis perennis</i>
<i>Eucalyptus globulus</i>	<i>Medicago lupulina</i>
<i>Eucalyptus robusta</i>	<i>Melilotus alba</i> & <i>indica</i>
<i>Eucalyptus rostrata</i>	<i>Metroxylon</i> spp.
<i>Eucalyptus polyanthemos</i>	<i>Melia dubia</i>
<i>Eucalyptus resinifera</i>	<i>Michelia fuscata</i>
<i>Eucalyptus coriacea</i>	<i>Mimusops elengi</i>
<i>Eucalyptus saligna</i>	<i>Mimusops elata</i>
<i>Eugenia aromatica</i>	<i>Morochoria vaginalis</i>
<i>Eugenia uniflora</i>	<i>Montrichardia arborescens</i>
<i>Euryale ferox</i>	<i>Moringa oleifera</i>
<i>Euterpe edulis</i>	<i>Mucuna pruriens</i>
<i>Fagopyrum esculentum</i>	<i>Muschlenbeckia platyclada</i>
<i>Fagopyrum tetradium</i>	<i>Musa textilis</i>
<i>Fagraea fragrans</i>	<i>Nyctaginia fragrans</i>
<i>Feronia limonia</i>	<i>Nipa fruticans</i>
<i>Ferula nerthex</i>	<i>Nymphaea</i> spp.
<i>Ficus altissima</i>	<i>Olea europaea</i>
<i>Ficus benghalensis</i>	<i>Oreodoxa regia</i>
<i>Ficus benjamina</i>	<i>Oryza sativa</i>
<i>Ficus carica</i>	<i>Pachyrhizus erosus</i>
<i>Ficus elastica</i>	<i>Panicum maximum</i>
<i>Ficus krishnae</i>	<i>Panicum mitis</i>
<i>Ficus pumila</i>	<i>Papaver somniferum</i>
<i>Ficus religiosa</i>	<i>Pennisetum macrostachyum</i>
<i>Filicium decipiens</i>	<i>Pereskia purpurea</i> , <i>tricolor</i> , & <i>nil</i>
<i>Forrestia marginata</i>	<i>Phaseolus lunatus</i>
<i>Fortunella</i> spp.	<i>Phaseolus mungo</i>
<i>Garcinia mangostana</i>	<i>Philodendron giganteum</i>
<i>Ginkgo biloba</i>	<i>Phoenix canariensis</i>
<i>Gloriosa superba</i>	<i>Phoenix dactylifera</i>
<i>Glycine max</i>	<i>Phoenix pusilla</i>
<i>Gnetum gnemon</i>	<i>Phoenix sylvestris</i>
<i>Grewia tomentosa</i>	<i>Phormium tenax</i>
<i>Guzmania abyssinica</i>	<i>Phyllanthus nodiflorus</i> & <i>vers.</i>
<i>Gynandropsis pentandra</i>	<i>Phytolacca macrocarpa</i>
<i>Hematoxylon campechianum</i>	<i>Pilea glaberrima</i>
<i>Hernandia peltata</i>	<i>Pilea microphylla</i>
<i>Hibiscus rosa-sinensis</i>	<i>Pimenta officinalis</i>
<i>Holcus sorghum</i>	<i>Piper cubense</i>
<i>Houttuynia cordata</i>	<i>Piper nigrum</i>
<i>Hydrocotyle verticillata</i>	<i>Pisonia</i> spp.
<i>Ipomoea batatas</i>	<i>Pithecellobium guadalupense</i>
<i>Iresine herbacea</i>	<i>Platycentrum</i> spp.
<i>Jasminum grandiflorum</i>	<i>Plumbago rosea</i>
<i>Jasminum humile</i>	<i>Plumeria alba</i>
<i>Jasminum officinale</i>	<i>Polyacacia</i> spp.
<i>Jasminum primulinum</i>	<i>Prosopis juliflora</i>
<i>Jasminum sambac</i>	<i>Puya gigantea</i>
<i>Jasminum simplicifolium</i>	<i>Rajania ciliosiana</i>
<i>Jasminum undulatum</i>	<i>Raphanus sativus</i>
<i>Juniperus bermudiana</i>	<i>Reversia madagascariensis</i>
<i>Kyllinga brevifolia</i>	<i>Rhizophora corallicola</i>
<i>Lathyrus sativus</i>	<i>Rhus emodi</i>
<i>Lilium longiflorum</i>	<i>Sesamum indicum</i>
<i>Lansium domesticum</i>	<i>Sandoricum koetjape</i>
<i>Leporella</i> spp.	<i>Sapota achras</i>
<i>Lens esculenta</i>	<i>Scirpus gracilis</i>
<i>Lodicea maldivica</i>	<i>Scirpus maritimus</i>
<i>Lonchocarpus violaceus</i>	<i>Sesbania grandiflora</i>
<i>Lucuma nervosa</i>	<i>Sesuvium portulacastrum</i>
<i>Luzula lituensis</i>	<i>Setaria italica</i>

Seteria palmifolia
Solandra guttata
Solanum quitense
Stenochlaena palustris
Spirodela spp.
Strelitzia reginae
Strychnos potatorum
Styrax benzoin
Syngonium podophyllum
Syzygium aquosum
Syzygium cumini
Syzygium malaccense [Otto has descr.]
Tabernaemontana citrifolia
Tabernaemontana coronaria
Tabernaemontana cumingiana
Thelia spp.
Theobroma cacao
Tillandsia fasciculata & related spp.
Trapa bispinosa
Trigonella foenum-graecum
Verbena bonariensis
Verbena brasiliensis
Verbena litoralis
Vigna catjang
Ximenia americana
Yucca spp.
Zalacca edulis
Zea mays

Description done = 2
Illustration made = 17
Nothing done = 256

Moldenke total = 275

- * Illustration is made
- § Description is drawn up
- *§ Illustration & description are both done

<i>Abutilon incanum</i> *§	<i>Buddleia davidii</i> *§
<i>Acacia forbesiana</i> *§	<i>Cajanus cajan</i> *§
<i>Acacia koa</i> *§	<i>Caladium colocasia</i> *§
<i>Acalypha wilkesiana</i> *§	<i>Calonyction aculeatum</i> *
<i>Acanthospermum australe</i> *§	<i>Calophyllum inophyllum</i> *§
<i>Acan virgatum</i> *§	<i>Calotropis gigantea</i> *§
<i>Adiantum hispidulum</i> & related app.*§	<i>Calotropis procera</i> *§
<i>Agave sisalana</i> *§	<i>Capparis sandwichiana</i> *§
<i>Albizia lebbek</i> *§	<i>Capitium frutescens</i> *§
<i>Aleurites moluccana</i> *§	<i>Cardiospermum microcarpum</i> *§
<i>Alseodora cathartica</i> [??]	<i>Cassia grandiflora</i> *§
<i>Alpinia mitica</i> *§	<i>Cassia fistula</i> *§
<i>Alpinia speciosa</i> *§	<i>Cassia javica</i> *§
<i>Alstonia</i> app.*§	<i>Cassytha filiformis</i> *§
<i>Alternanthera repens</i> *§	<i>Cesurina</i> app.*§
<i>Alysicarpus vaginalis</i> *§	<i>Catharanthus roseus</i> *§
<i>Amaranthus goneticus</i>	<i>Cenchrus echinatus</i> *§
<i>Amaranthus spinosus</i> *§	<i>Centaurea melitensis</i> *§
<i>Angelica arvensis</i> *§	<i>Centaurium umbellatum</i> *§
<i>Ananas comosus</i> *§	<i>Centella asiatica</i> *§
<i>Annona cherimola</i> *§	<i>Ceratopteris thalictroides</i> *
<i>Antigonon leptopus</i> *§	<i>Cestrum diurnum</i> *§
<i>Arctium lappa</i> *§	<i>Chamaecrista lechenschultiana</i> *§
<i>Ardisia elliptica</i> *§	<i>Chamaesyce hypericifolia</i> *§
<i>Argemone glauca</i> *§	<i>Chenopodium amaranthoides</i> *§
<i>Argyrea nervosa</i> *§	<i>Chenopodium carolinense</i> *§
<i>Argyroxiphium sandwicense</i> *§	<i>Chenopodium murale</i> *§
<i>Aristolochia elegans</i> *§	<i>Chloris radiata</i> *§
<i>Artemisia vulgaris</i> *§	<i>Chrysophyllum bainito</i> *§
<i>Artocarpus altilis</i> *§	<i>Chrysopogon sciucletus</i> *§
<i>Artocarpus heterophylla</i> *§	<i>Cibotium</i> app.*§
<i>Arundo donax</i> *§	<i>Citralum lanceolatum</i> *§
<i>Asclepias curassavica</i> *§	<i>Clitoria ternatea</i> *§
<i>Asiatasia coromandeliana</i> *	<i>Coccoloba uvifera</i> *§
<i>Asplenium monanthes</i> *§	<i>Cochlospermum vitifolium</i> *§
<i>Atriplex semibaccata</i> *§	<i>Cocos nucifera</i> *§
<i>Berleria cristata</i> *	<i>Coffea arabica</i> *§
<i>Batis maritima</i> *§	<i>Coffea liberica</i> *§
<i>Belamcanda chinensis</i> *§	<i>Colocasia esculenta</i> *§
<i>Beloperone guttata</i> *§	<i>Coluarina agastica</i> *§
<i>Biancsea seplaria</i> *§	<i>Conocarpus erecta</i> *§
<i>Bidens laevis</i> *§	<i>Convolvulus arvensis</i> *§
<i>Bidens pilosa</i> *§	<i>Coryza parva</i> & related app.*§
<i>Billbergia saundersii</i> *§	<i>Corchorus capsularis</i> *
<i>Bixa orellana</i> *§	<i>Cordia sebestena</i> *
<i>Blechnum occidentale</i> *§	<i>Cordia subcordata</i> *§
<i>Blumea laciniata</i> *§	<i>Cordia terminalis</i> *§
<i>Boehmeria nivea</i> *§	<i>Costus speciosus</i> *§
<i>Bombax ceiba</i> *	<i>Crimm asiaticum</i> *
<i>Bothriospermum tenellum</i> *§	<i>Croasandra infundibuliformis</i> *
<i>Buginvillea</i> app.*	<i>Crotalaria asamica</i> *§
<i>Bramia monnieri</i>	<i>Crotalaria incana</i> *§
<i>Breassaia actinophylla</i> *§	<i>Crotalaria saltiana</i> or <i>striata</i> *§
<i>Broussonetia papyrifera</i> *§	<i>Cryptomeria japonica</i> *
<i>Brugmansia arborea</i> *§	<i>Cryptostegia grandiflora</i> *
<i>Bruguiera sexangula</i> *§	<i>Cryptotaenia canadensis</i> *§
<i>Bryophyllum pinnatum</i> *§	<i>Cucumis dipsaceus</i> *§

- Curcuma longa**
*Cynodon dactylon**
*Cyperus gracilis**
*Cyperus isevigatus**
*Cyperus rotundus**
*Cyperus trachysanthus**
*Cyrtomium corythoides**
*Cyrtomium falcatum**
*Cytisus palmensis**
*Datura metel**
*Datura stramonium**
*Delonix regia**
*Dendropogon usneoides**
*Dianella sandwicensis**
*Dicranopteris sandwicensis**
*Digitaria sanguinalis**
*Dioscorea alata**
*Dioscorea bulbifera**
*Dioscorea pentaphylla**
*Ditremaxa occidentalis**
*Eclitochia leblondii**
Dombeya natalensis or *willrichii**
*Drosera fragrans**
*Duranta repens**
*Echinochloa colowum**
*Eclipta alba**
*Eichhornia crassipes**
*Elephantopus mollis**
*Eleusine indica**
*Emilia sonchifolia**
*Enterolobium cyclocarpum**
*Eragrostis cilianensis**
*Eriobotrya japonica**
*Erythrina cristagalli**
*Erythrina variegata**
*Eulophia alata**
*Eupatorium riparium**
*Euphorbia tirucalli**
*Ficus roxburghii**
*Fernandesia strigulosa**
*Freylinetia arborea**
*Fuchsia magellanica**
Furcraea spp.*
*Gaillardia picta**
*Gomphocarpus physocarpus**
Gossypium barbadense & *brasilense**
*Grevillea banksii**
*Grevillea robusta**
*Guilandina bonduc**
*Guilandina crinita**
*Guilandina gasipaes**
*Gunnera petaloidea**
*Gynandropsis gynandra**
Hedyotium coronatum & *flavum**
*Heliotropium anchusaefolium**
*Heliotropium curassavicum**
Hemerocallis flava & *fulva**
*Herpetica alata**
*Heterocentron roseum**
*Hibiscus achizopetalus**
*Hillebrandia sandwicensis**
*Holmakioidia sanguinea**
*Hoya carnosa**
*Hurmannia fluminaefolia**
*Hylocereus undatus**
Hypochaeris spp.*
*Hyptis pectinata**
Indigofera spp.*
*Ixonoxalis martiana**
*Ipomoea aquatica**
*Ipomoea cairica**
*Ipomoea crassicaulis**
*Ipomoea horneellii**
*Ipomoea pes-caprae**
*Ipomoea stolonifera**
*Ixora coccinea**
*Jacqueranda acutifolia**
*Jatropha multifida**
*Juncus bufonius**
*Jussiaea erecta**
*Kalanchoe tubiflora**
*Lantana camara**
*Lepanea communis**
*Laurentia longiflora**
*Lavenia adenoatoma**
*Leocurus sibiricus**
*Leuceana glauca**
*Leucanthemum maximum**
*Litchi chinensis**
*Lonicera japonica**
*Luzula hawaiiensis**
*Lyctum sandwicensis**
*Lycopodium complanatum**
*Lycopodium complanatum**
*Macadamia ternstroemia**
*Macroptilium lathyroides**
*Madtia sativa**
*Megrolia grandiflora**
*Melaviscus grandiflorus**
*Mangifera indica**
*Medicago sativa**
*Melia azadirach**
*Messerschmidia argentea**
*Michelia champaca**
*Mimosa pudica**
*Mircetia jalapa**
*Modiola caroliniana**
*Momordia charantia**
Momordia charantia var. *abreviata**
*Momordia charantia**
*Morinda citrifolia**
Morus rubra & related spp.*
*Muhlenbergia microspora**
*Muntingia calabura**
*Murraya paniculata**
*Musa nana**
*Musa paradisica**
Musa paradisica var. *rubra**
Musa paradisica var. *sapientum**
*Nelumbium nelumbo**
*Nectopteris nidus**
*Nephrolepis exaltata**
*Nephrolepis hirsutula**
*Nerium oleander**

<i>Nicandra physalodes</i> *§	<i>Psilotum</i> spp.*§
<i>Nicotiana glauca</i> *§	<i>Psophodesmus tetragonolobus</i> *§
<i>Nopales cochenillifera</i> *§	<i>Fuerialia thumbergiana</i> *§
<i>Ochrosia elliptica</i> *	<i>Punica granatum</i> *§
<i>Operculina aegyptia</i> *§	<i>Pyrostegia venustum</i> *§
<i>Opuntia megacantha</i> *§	<i>Reichardia pieroides</i> *§
<i>Cxalis corniculata</i> *	<i>Rhizophora mangle</i> *§
<i>Pandanus</i> spp.*§	<i>Rhodomyrtus tomentosa</i> *§
<i>Panicum purpurascens</i> *§	<i>Rhoeo discolor</i> *§
<i>Pariti filicicum</i> *§	<i>Rhus chinensis</i> *§
<i>Paspalum conjugatum</i> *§	<i>Richardia scabra</i> *§
<i>Paspalum dilatatum</i> *§	<i>Ricinus communis</i> *§
<i>Paspalum fimbriatum</i> *§	<i>Rivina humilis</i> *§
<i>Paspalum orbiculare</i> *§	<i>Rubus roseifolius</i> *§
<i>Passiflora caerulea</i> *§	<i>Saccharum officinarum</i> *§
<i>Passiflora edulis</i> *§	<i>Salvia coccinea</i> *§
<i>Passiflora foetida</i> *§	<i>Salvia occidentalis</i> *§
<i>Passiflora ligularis</i> *§	<i>Sansevieria guineensis</i> *§
<i>Passiflora pfordtii</i> *§	<i>Santalum paniculatum</i> *§
<i>Passiflora quadrangularis</i> *§	<i>Sepindus saponaria</i> *§
<i>Passiflora suberosa</i> *§	<i>Scaevola frutescens</i> var. <i>pericea</i> *§
<i>Pedilanthus</i> spp.*	<i>Schirous molle</i> *§
<i>Pellaea viridis</i> *§	<i>Schirous terebinthifolius</i> *§
<i>Peltophorum roxburghii</i> *§	<i>Senecionoides cinerea</i> *§
<i>Pennisetum ruppelii</i> *§	<i>Setaria verticillata</i> *§
<i>Peperomia reflexa</i> *§	<i>Sida paniculata</i> *§
<i>Persea americana</i> *§	<i>Sida spinosa</i> var. <i>angustifolia</i> *§
<i>Pericaria densiflora</i> *§	<i>Siegesbeckia orientalis</i> *§
<i>Philodendron elementii</i> (§?)	<i>Silene anglica</i> *§
<i>Phyllanthus peruviana</i> *§	<i>Sisyrinchium acre</i> *§
<i>Phytolacca octandra</i> *§	<i>Solanum esculentissimum</i> *§
<i>Piper batle</i>	<i>Solanum nigrum</i> *§
<i>Piper methysticum</i> *§	<i>Solanum pseudocapsicum</i> *§
<i>Pipturus gaudichaudianus</i> *§	<i>Solanum saffordianum</i> *§
<i>Pistia stratiotes</i> *§	<i>Solanum sodomaeum</i> *§
<i>Pithecellobium dulce</i> *§	<i>Solanum wendlandii</i> *§
<i>Pittosporum undulatum</i> *§	<i>Solidago altissima</i> *§
<i>Pityrogramma calomelanos</i> *§	<i>Sonchus oleraceus</i> *
<i>Plantago lanceolata</i> *	<i>Sorghum halepense</i> *§
<i>Plantago major</i> *	<i>Spathodea campanulata</i> *§
<i>Plantago virginiana</i>	<i>Spathodes nilotica</i>
<i>Pleomela eures</i> *§	<i>Spathoglottis plicata</i> *§
<i>Pluchea indica</i> *§	<i>Sporobolus indicus</i> *§
<i>Pluchea odorata</i> *§	<i>Stachys arvensis</i> *§
<i>Plumbago auriculata</i> *§	<i>Stachytarpheta jamaicensis</i> *§
<i>Plumbago zeylanica</i> *§	<i>Stachytarpheta urticifolia</i> *§
<i>Plumeria rubra</i> *§	<i>Stenotaphrum secundatum</i> *§
<i>Poa annua</i> *§	<i>Stictocardia campanulata</i> *§
<i>Poinciana pulcherrima</i> *§	<i>Strongylodon lucidus</i> *§
<i>Poinsettia cyathophora</i> *§	<i>Strychnos nux-vomica</i> *§
<i>Poinsettia geniculata</i> *§	<i>Suaeda mahagoni</i> *§
<i>Poinsettia pulcherrima</i> *§	<i>Synedrella nodiflora</i> *§
<i>Polypodium scolopendrium</i> *§	<i>Tacca hawaiiensis</i> *§
<i>Polypogon monspeliensis</i> *§	<i>Taetia fruticosa</i> *§
<i>Pongamia pinnata</i> *§	<i>Tamarindus indica</i> *§
<i>Porana paniculata</i> *§	<i>Tecoma capensis</i> *§
<i>Portulaca lutea</i> *§	<i>Tectaria gaudichaudii</i> *§
<i>Portulaca oleracea</i> *	<i>Telasma cordata</i> *§
<i>Pritchardia</i> spp.*	<i>Tephrosia purpurea</i> *§
<i>Prosopis chilensis</i> *§	<i>Terminalia catappa</i> *§
<i>Frunella vulgaris</i> *§	<i>Tetragonia expansa</i> *§
<i>Psidium cattleianum</i> *§	<i>Thespesia populnea</i> *§
<i>Psidium guajava</i> *§	<i>Thevetia peruviana</i> *§

(no drawing needed)

Thryallis glauca*
Thunbergia fragrans*§
Thunbergia laurifolia*§
Tibouchina semidecandra*§
Tithonia diversifolia*§
Toona surenti*§
Tragus berteronianus*§
Tribulus cistoides*§
Tricholena repens*§
Trichomanes bauerianum*§
Triticum aestivum*§
Tritonix crocea*§
Triumfetta velutina*§
Urena lobata*§
Verbascum ancelloides*§
Veronica serpyllifolia*§
Vigna marina*§
Vitex parviflora*§
Vitex trifolia var. simplicifolia*§
Waltheria americana*§
Xanthium pennsylvanicum*§
Youngia japonica*§
Zantedeschia aethiopica*§
Zephraea pendula*§
Zingiber officinale
Zingiber zerumbat*§

* Illustrations only made = 37

§ Descriptions only made = 7

*§ Illustration and description done = 340

Nothing done = 7

Degener total = 391

11/21/51

THE ARNOLD ARBORETUM
HARVARD UNIVERSITY

JAMAICA PLAIN 30, MASS., U.S.A.

November 21, 1951

Mr. Otto Degener
Mokuleia Beach
Waialua, Oahu, Territory Hawaii

Dear Mr. Degener:

Please forgive me for my delay in answering your letter of October 7. Your projected botanical trip interests me very much. The areas in which you plan to work are those in which the Arboretum is interested, and, indeed, those from which it has the best representation of any herbarium in the country. With your reputation as an energetic and discriminating collector, I feel sure that the haul to be expected will be a very large and rich one. I have discussed your plans with a number of parties in the hope of getting help in financing it. I am afraid, however, that the necessary financial contribution from the Arboretum (\$4800) is too great for us to take on at the present time. In the first place, there is another Archbold Expedition to Papua being planned which also can be expected to bring in a wealth of material for the Arboretum - and I should add, in all honesty, at a considerably smaller outlay on the part of the Arboretum. What is more, we have the disposal of the entire collection, are able to do our own identifying, and have all the duplicates for exchange.

I may misunderstand your letter, but it appears to me that the Arboretum, according to the plans outlined in your letter, would be expected to supply \$4800 for the project, for which it would obtain one full set and a few small sets of duplicates, and that the identifications would be made in Washington by Al Smith, who would acquire a set for the National Herbarium as a result of those services. It has been pointed out to me that the Arboretum would be much better off if, like Brussels, it merely agreed to purchase a set. Frankly, I am inclined to agree that, as you have proposed it, the returns to the Arboretum are disproportionate to the outlay which has been suggested. Frankly, I simply do not believe that I could justify it, because it would tie up much of our exploration fund and so cut down drastically the acquisition of specimens from other regions in which the Arboretum is interested and from which it is now receiving material. At the moment I believe it is necessary to say that I am unable to help in the subsidizing of the trip. Because of our long-continued association with the Archbold expeditions I think it is much better that my funds be reserved, so that we can participate in that work in New Guinea. In any case I can agree to purchase a full set of any collections you make in the South Pacific, up to a total outlay of a thousand dollars.

If I have misunderstood your plans for financing your trip, please do correct me. Any collections you do make in the South Pacific are sure to be valuable ones for us, and I assure you that I do want to have them represented here at the Arboretum. I am sure you will understand that I must use my exploration funds to bring in the best returns to the Arboretum. I am willing to stretch a point from time to time and use the funds for the good of botany as a whole, but in the main subsidies should give a return roughly equivalent to that which the funds would bring if used for the direct purchase of specimens.

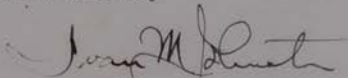
THE ARNOLD ARBORETUM
HARVARD UNIVERSITY

JAMAICA PLAIN 30, MASS., U.S.A.

I am very sorry that I am unable to give you the help which I would like, and which, frankly, I believe you deserve. I hope from what I have written you will understand my position. I would like to see you make your trip; I believe that you would advance our knowledge of the botany of the South Pacific. If you have any other suggestion as to how we could help you by perhaps a smaller outlay, please do let me hear of it.

With best regards,

Yours sincerely



Ivan M. Johnston, Associate Director
Supervisor of the Herbarium
and Library

IMJ:U

11/23/51



TERRITORY OF PAPUA-NEW GUINEA

In Reply
Please Quote

No.

Division of Forest Botany
Department of Forests,
Lae, New Guinea.

Nov. 23rd., 1951.

Dear Dr. Degener,

Your letter of November 12th., reached me today. The enclosed cuttings were very interesting, particularly those telling of Dr. John Warners visit to this island. Some of my friends in Lae, particularly Mr. and Mrs. Henty, came to know him well. Unfortunately I was in Australia and other parts of New Guinea while Dr. Warner and party were here collecting, but I did have the pleasure in joining in welcoming him to Lae when he first arrived here. If you see him please give him my regards.

You mention that the Miscanthus country must be rather uninteresting botanically. That is true but to fully appreciate the picture one must recognise that the whole of the grasslands in the Central Highlands are anthropogenous, having been caused by shifting agriculture and perpetuated by the practice of burning over the grass each year thus very effectively destroying any ~~xxxx~~ tree seedlings. A few years protection from fire sees the appearance of tree species. The existence of these grasslands and the native practice of cutting into virgin forest for new garden areas has created one of our most pressing problems in the highland areas. In many places the only remaining forest is above 9,000 feet and into this the natives are still gardening with smaller and smaller returns the higher they go. We must resettle them into the valleys and modify their agricultural practice so that it is much more stable than at present. However I have got away from the point that while the grasslands are poor in species the forests are extraordinarily rich in species, many of which are quite new as the German botanists did not penetrate into that part of the island.

Regarding your proposed New Guinea trip and finances, I think it very probable that, with adequate notice, we can arrange for the Administration to carry all your expenses within the territory, that is travel, accommodation, sustenance, collecting materials - these can be supplied through our ordinary channels if necessary. To impress the powers that be it would probably be desirable to suggest that the first set of specimens be retained in the territory and the second go to you. Of course where adequate duplicates are being collected, as no doubt we would collect, the difference is rather academic, but it might appeal to the powers that be in obtaining finance. We are very keen to have botanical work done in our highland areas and I have no doubt that I could obtain adequate funds, perhaps £1,000 on my 1953 estimates for this purpose. At a rough guess I would think that such a sum would keep yourself and either myself or my assistant continuously in the field for four months and allow for adequate travel to four or five major camp areas in the territory and necessary ancillary travel to acquaint you with the scenic attractions of the Territory.

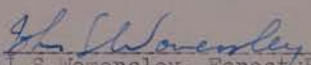
It is unfortunate that you have been surrounded by the litigation over the Cheng Ho. Do you think you could be in New Guinea by say May 1953 if things are brought to a satisfactory conclusion in Papeete? There will be no difficulty about an invitation to you to visit the Territory for the purposes of the visa. As we normally distribute 8 sets of specimens gratis to the following herbaria, Brisbane, Canberra, Arnold, Kew, Leiden, Bogor, Singapore and Oxford we would have to consider the possibility of raising funds by the sale of specimens. As a working basis I would suggest that sets go as usual to Brisbane, Arnold and Kew, other specimens being available for sale toward your expenses. However I feel that that is only a minor point which we could easily straighten out once we know when you may be expected.

I am not in possession of details but I understand that there are considerable funds available for research work in Australia on a reciprocal basis between the U.S. Government and the Australian Government by the 'Fairbright' act, is it. I believe there are several scholars in Australia at present under this arrangement and that we have others in the U.S. Perhaps you could obtain assistance from this source. I really have no doubt that once I can propose a ~~and~~ definite program of work with an itinerary for you to my Director there will be little difficulty in arranging the local finance, provided we have adequate time as things move slowly in Government channels here, just as they probably do with you.

Would you like the cuttings about the Cheng Ho returned? Many of them appear to be of direct personal interest to you so I would be happy to let you have them back. I am saving them until I hear further from you. I am leaving Lae for Australia on Dec. 16th and expect to be away for six months, partly on leave, then working out specimens in Brisbane. My address will be 2 Egmont Terrace, Brindale, South Australia. I shall be very pleased to hear from you whenever you have something bearing on the New Guinea trip. The other day I received four leaves for *Flora Hawaiiensis* and these have been duly added to our copy. My thanks for these.

My best wishes for the Xmas season,

Yours sincerely,


J.S. Womersley, Forest Botanist.

11/24/51

UNIVERSITY OF MICHIGAN
ANN ARBOR
DEPARTMENT OF BOTANICAL GARDENS

24 November 1951

Mr. Otto Degener
Waialua, Oahu, Hawaii

Dear Degener,

I have an unfortunate record of having so many interests that I am never able to satisfy any of the people who depend on my cooperation. I'm always enthusiastic enough about trying to help, but get bogged down. I did with ~~the~~ Clemens collections from New Guinea, on which no curatorial progress has been made for a long time.

So when you asked help with your New Guinea project I was anxious indeed to accede, but didn't dare to make any promise that would depend upon taking a large amount of my own time. While attending the meetings of the American Philosophical Society in Philadelphia it came to my attention that there was at least a bare possibility of some financial help from that source. How much of a possibility I do not know, and you must not feel disappointed if nothing comes of it. I have written an application to the Society in your behalf and shall send you a copy in a day or two, so that you may know exactly how I presented it and nullify it promptly if not in accord with your ideas.

It seemed to me that in addition to a complete record set of your collections for this institution, we should have your authorization to break up a second complete set into partial sets assorted by family for the institutions and individual botanists cooperating with Van Steenis in Flora Malesiana. This would prevent the loss of part of the record set, for in making a great many international loans there is always some loss, and I feel that one set should remain intact.

If this application fails I fear that we shall not be able to co-operate with you. Our budget (like all the others at this institution) was reduced for the present year. The Office of Naval Research cannot give any support at all to our Aleutian project, since for a war-time effort it has, as they put it, "an extremely low priority". I've got to find some outside support to keep that going, and shall probably try out the Philosophical Society for that too. I don't see why the two requests are not equally worthy, and mention the matter so that you won't feel, if I get something for that but not for you, that I had given your needs less urgent presentation.

UNIVERSITY OF MICHIGAN

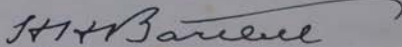
ANN ARBOR

DEPARTMENT OF BOTANICAL GARDENS

(Mr. Otto Degener, p.2)

I never let myself expect anything, which is the best way to be sure of not being disappointed!

Sincerely yours,



H. H. Bartlett

HHB/ham

P. S. Here is the yearly budget I proposed for you, to run for two years:

Flights to and in New Guinea	\$ 600
Transportation of specimens by plane and mail to Ann Arbor, including packing materials	\$ 600
Half time systematic assistant in Ann Arbor for 12 months	\$ 1600
Label printing	\$ 200
Expense of distributing study collections from Ann Arbor to specialists <i>collaborating in Flora Malesiana.</i>	\$ 100

H. H. B.

12/4/51

Mokuleia Beach,
Waiālae, Oahu, T. H.
Dec. 4, 1951.

Dear Prof. Bartlett:

Your Nov. 24 letter is quite exciting. I certainly shall not nullify any suggestion you have made in my behalf but thank (and admire) you for your efficient handling of my problem. Whether results, at this time when prospective donors to eleemosynary institutions are being taxed poor, materialize or not I shall forever be grateful anyway.

Getting down to facts, of which this one at least should be kept confidential as of too personal a nature, I can spend an income of about \$200 per month from rentals and investments indefinitely. This is the minimum necessary to survive and perhaps to enable me on foot to wander in search of plants from whatever shabby boarding house would be my temporary home. But to get real prizes, as I did in Fiji in 1940 - 41, I spent an average of \$400 - 500 per month. This consisted mainly of food and lodging for self and assistants (wages were cheap enough); and transportation of self and assistants with mts., of equipment by auto truck and boat. With extra cash I could out lease from shabby boarding houses in weed infested lowlands and penetrate into the interior where the adventures tend to occur.

Thus far I have: 1. A promise from Ivan Johnston that the A.A., will purchase \$1,000 worth of my plants at \$10 - \$15 per Century after their identification. 2. An order from Robyns of Brussels for a complete set at \$12 per Century of plants from Tahiti, Tonga & New Guinea "determined down to the species." 3. A tentative order from Lam of Leiden for a full set. 4. An order from Multen of Stockholm for a full set. 5. Then there are dribbling orders of \$100 worth from Stanford to \$10 worth from a Prof. Moore.

As no one wants to purchase a pig in a poke, there would be no cash forthcoming until the plants are delivered identified. This may take years. Thus, to collect efficiently to the extent the promised cash comes to me four to ten years from now, I would be obliged just about to deplete my nest egg and to mortgage my property. It would be unfair to me to stick my neck out that far.

Would it not be possible for some institution, like the Phil. Soc. Phila., to act as middleman? For instance, we might estimate that 5 sets could be sold at \$10 - \$15 per Century after determination in the (far ? distant) future. Then as I collected and get my specimens dry - I might have up to 25 or so of one number - I would write but 2 field labels. The one would go with a single specimen into one corrugated carton. The other single label would go with all the remaining duplicates into another carton. When the carton with single labels and single plants (let us call it Set No.1) got filled to the top, I would mail to myself to the Bishop Museum. I would eventually donate it to that institution for the kindness in giving me an office there, and at the same time have a set for my own perusal & records.

Regarding the other carton containing just one label for perhaps up to 25 duplicates (in other words Sets 2 ad infinitum), I would mail that to Philadelphia just as soon as I had filled it. Then Philadelphia might send me in monthly or so installments a cheque at 10 cents a specimen for each set up to the 5 for which we have orders. That would give me almost ready cash in the field without "borrowing" too dangerously much from my nest egg. Philadelphia then might have labels printed. The Sets above the number ordered would then remain my property I, however, paying Philadelphia my share for printing the necessary excess labels.

I have certain obligations and purposes for excess duplicates:

1. I want a set to go to my alma mater, the University of Mass.
2. I want a set to go to N.I.B.G.
3. I want a set to go to Berlin-Dahlem for eventual inclusion in Engler-Prantl, Pflanzenreich.
4. I want a set to go to Noumea or Lae or Kew as a gift from me if I collect in New Guinea; a set for Paris if I collect in Tahiti. In other words, for various courtesies I must pay in plants.
5. I want excess duplicates to go to certain personal friends: Bidens etc to Sherff; Peperomia to Yunker; Convolv. to van Coestroom; Borag. to Ivan Johnston; Verbs. to Moldenke; Medvetia to Fosberg; Umbels. to Constance; Grasses to Swallen; Cyps. to O'Neill; etc. etc.
6. Moldenke and I are completing "my" book on "Plants of the Tropics". We have not sufficient plant drawings. I hope to exchange excess duplicates (I am afraid I really might describe these as approaching the stage of discards) to collectors and institutions in exchange for drawings if the recipients lack cash to buy them. I have already approached impoverished German Otto Behr for drawings of such plants as the olive in exchange for excess Haw. dups.

Now, naturally, I am still feeling my way, as it were, and all the above is tentative, subject to revision. In fact I welcome your suggestions.

Off hand, I don't like "grants in aid" handouts as they put the collector in a nasty position of being under obligations. If I can be paid for specimens, I get just as much as my industry or lack of it deserves.

I hear "Al" Miller plans to go to Calif., following his former Bryology instructor. Has Al not absorbed so much in Bryology from one ~~old~~ man that he really should study under a stranger henceforth?

Thanks again, so much, for your efficiency. I am so disgusted with the usual delay and red tape that entangles the lesser men.

Aloha,

12/7/57

Mokuleia Beach, Wai'alua,
Oahu, T. Hawaii, U. S. A.
Dec. 7, 1951 (This date to me is a
nightmare)

Dear Mr. Womersley:

I received your Nov. 23 letter at my village post office while on my way to Honolulu. Then a day or so later I attended the banquet of our Haw. Botanical Society. You can imagine my surprise and pleasure finding, as honored guests, your brother and sister-in-law!! I happened to have your letter in my overnight bag, and took the liberty of giving it to your brother to read as a special treat from home. Later we had a nice visit at Dr. Doty's home on the University of Hawaii campus.

By the way, I have no Ph.D., and hence am just a "Mister."

As you may have noticed from the introduction of the second edition of my Flora Haw., I no longer have a personal herbarium. Also, I receive neither salary from the Bishop Museum in Honolulu nor from the New York Botanical Garden. I do, however, receive many courtesies from these two institutions. The one is near my present home; the other, in my childhood home where most of my close relatives still live. Consequently, I do my work in Honolulu and New York, studying Haw. collections and literature in both places from time to time. I am actually under no obligations except moral ones to either of these institutions. Any courtesies to be shown me by New Guinea certainly place me under equal if not greater moral obligations to your Administration.

I am really primarily interested in getting interesting plants before their extermination by grazing and acts of man to institutions where they will be studied, and I can later read about what I was lucky enough to find. That is lots of fun. I am not interested in making a fortune by selling plants. Hence I do not particularly care to whom most of the sets will eventually belong. Your giving them as gifts to certain institutions would actually save me the bother and expense of sending them as gifts myself to probably the same institutions. You will understand that I am making no suggestion, but if you would write me that in exchange for such and such aid in New Guinea you wish to retain all odd-numbered sets up to a total of 10 and that I can keep all even numbered sets and unwanted excess duplicates, I would feel satisfied. In that case it would be something like this:

J.S.W. Distribution

- Set 1 for Lae
- Set 3 for Kew
- Set 5 for Brisbane or however you wish
- Sets 7, 9, 11, 13, 15, 17, 19 for you

O.D. Distribution

- Set 2 for O.D., ^{stays at} Bishop Museum
- Set 4 for New York Bot. Garden
- Set 6 for Stockholm perhaps (for ready cash)
- Sets 8, 10, 12, 14, 16, 18, 20, 21, 22, 23, 24 ad infinitum for me.

Since writing you last there have been certain interesting developments, some of which need the wisdom of a Solomon to untangle:

1. Robyns of Brussels tentatively ordered a complete set at \$12 per hundred of identified plants I may collect in Tahiti, Tonga & New Guinea.

1. Robyns of Brussels tentatively ordered a complete set at \$12 per hundred of identified plants I may collect in Tahiti, Tonga & New Guinea. I might sell him Set 6 or 8, for example.

2. Lam of Leiden tentatively wishes to purchase a full set. In your Nov. 25 letter you state you normally send Leiden a set of specimens gratis. It certainly would be unjust not to send Leiden a free set of our new catch just to force them to purchase one from me. And, of course, if you send them a free set, they won't purchase one of my sets, and my income suffers. What can we do?

3. Hulten of Stockholm wishes to buy a complete set - no complications here.

4. Ivan Johnston of Arnold has offered to purchase \$1,000 worth of plants from me. Here, again, your gift to Arnold would cancel this nice sum unless I may be able to collect \$1,000 worth of Tahiti specimens before reaching New Guinea.

I believe I can be in New Guinea before May 1953 but I doubt it practicable for me to reach there before you are ready. Perhaps I should botanize in French Oceania until you advise me to come.

I enclose a copy of a letter to my Director regarding the Fulbright Program. Too much red tape and delay is involved to help me. Please destroy the letter and the Cheng Ho cuttings. They are now "ancient history."

Do you ever use metal washboards in place of corrugated cardboards? They are just wonderful as they pack together, are practically indestructible, are fireproof and transfer drying heat along their entire area. I mailed you a sample. Unfortunately the present ghastly Korean situation has "frozen" aluminum and I can get no more than my present supply. This is too little. Is not N.G. chock full of thin aluminum from wrecked aeroplanes, and could not a native be hired for a few pennies a piece to hammer corrugations into such sheets by laying them over a thin waterpipe?

Please do not think that I know anything about Botany - since last teaching in 1927, I have forgotten everything. All I know is the local (Haw.) Flora - which differs from the N.G. one, and how to browse for facts in a bot. library and herbarium with which I am familiar.

Book 2 of my Flora Haw., should be completed in 1952. It will be such a relief.

Perhaps you will come across some of my bot. treasures in the Brisbane herbarium that I had mailed as gifts to C.T. White years ago. When I can't sell my plants, I give them away. The main thing is to have them placed in strategic places where they will be accessible for study.

I shall visualize you as eating plumb pudding on Christmas in Brindale, while I most probably will be eating a box of Graham crackers while sitting on my plant press at the side of a mt. trail on the Island of Kauai.

With wishes for a Happy New Year, Aloha,

W. H. Sargent

12/8/51

University Herbarium
University of Michigan
Ann Arbor, Michigan
8 December 1951

Mr. Otto Degener
Waialua, Oahu, T. H.

Dear Otto:

Professor Bartlett just this past week told me of your plans for making an expedition to New Guinea. I hope it works out well for you, because I have a selfish interest in your success. This year I have become interested in the Nymphaeaceae and am at present working on a paper on the group. You are going to the most nymphaeaceous-ly interesting place in the world, because it is in New Guinea that most of the species of the most primitive Nymphaeas occur. Subgenus *Anecphyra* is represented there by at least four and possibly more species; there may well be a number yet undescribed.

I would like the following materials collected if you are able & will be forever indebted to you if you can manage. First of all, good herbarium specimens are needed, including rhizomes (split & cross-sectioned), young & mature leaves, flowers (both spread out & split), and fruit; this may be bothersome, as the things are difficult to dry. Then, I would like preserved material (FAA or the like) of terminal growing points, young flowers and leaves at all possible stages, & finally seeds. These primitive anecphyan water-lilies are supposed to be drought-resistant, so that the seeds will stand some drying; if possible, however, it is probably best to mix them with clay & let that harden, enough moisture being retained that way to preserve the seeds perfectly. The stem of the plants should be a round or oval tuberous structure; it might be well to collect the smaller tubers & send them the same way as the seeds.

With luck you might be able to take care of the following extra points: first, collections of seedlings in preservation would be very desirable; but of course the seed collections would take care of this need, for the most part. Then, any observations you could make on the ecology of the plants: whether they all grow in intermittent ponds, & the like, & especially any thing you might notice about the pollination of the flowers. They are supposed to be proterandrous and in some cases, at least, pollinated by beetles. The times of opening and closing of the flowers, & color pictures of the flowers would be very useful data.

I have presumed on your good nature with this long-winded list because I think these particular species of plants are of so great interest that it is worth considerable trouble taking care of them. Naturally, you will no doubt have many groups to look out for, & with the difficulties in transport & drying in such a place ~~as~~ New Guinea, you may not feel able to waste much of your time on water-lilies. I will be grateful for anything in the way of specimens, for these are scanty in the extreme.

Selfish interests aside, I do wish you the best of luck in this venture. Prof. Bartlett feels its importance keenly, and is doing all he can to help out.

Al Miller would probably like to have any liverworts you can pick up; he is mainly interested in the Hawaiian ones, but would probably be willing to branch out. Miller has the office next door to mine, & often comes in to look at the map of Honolulu over my desk; we then reminisce nostalgically about various places on Oahu.

Let us know how your plans work out.

Best regards,
Grady A. Webster

12/10/51

Gray Herbarium



Harvard University

REED C. ROLLINS, DIRECTOR
ROBERT C. FOSTER, ACTING CURATOR
FRANCIS WELLES HUNNEWELL, RESEARCH ASSOCIATE
EDITH SCAMMAN, RESEARCH ASSOCIATE

NICHOLAS POLUNIN, RESEARCH FELLOW
MARJORIE W. STONE, LIBRARIAN AND BIBLIOGRAPHER
JANE HERSEY, ASSISTANT BIBLIOGRAPHER

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

December 10, 1951

Mr. Otto Degener
Wailua, Oahu
Hawaii

Dear Mr. Degener:

As Dr. Rollins asked me to investigate the matters referred to in your letter of Nov. 28, I am writing to give my results.

Cryptomeria japonica (L. f.) D. Don: in the publication in which this combination was made, Don said "in Insula Nipponiae, et in montibus circa Nagasaki", adding that it had been found both in the wild and in cultivation. The original publication of the basonym, Cupressus japonica L. f. Suppl. 421 (1781) said merely "Habitat in Japonia. Thunberg". Thunberg, a few years later, in his *Flora Japonica*, p. 265, said "in Regionibus Nagasaki in montibus" adding that he had found it wild and cultivated. From this, I assume that Don took his statement directly from Thunberg, the original collector.

Thevetia peruviana fma. aurantiaca. I have been unable to locate any place of publication for the name of the form and find that we have no material so named. Do you have any information about the place of publication? Your statement that the orange-flowered plant so closely resembles T. peruviana in all other respects makes your suggestion that it is only a color-form a very reasonable one.

Very truly yours,

Robert C. Foster
Robert C. Foster

12/11/51

Airmail

SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
WASHINGTON 25, D. C.

192699

December 11, 1951

Mr. Otto Degener
Mokuleia Beach
Waialua, Oahu
Hawaii

Dear Otto:

Our Office of Correspondence and Records recently sent me a small envelope from you, which contained a few seeds, without other communication. I wonder if these were sent for identification. Perhaps you can tell me something about them. If they are for identification, I regret that they do not suggest anything to me at the moment, but perhaps you can give me one or two clues.

I have not had time to reply to your letter of October 18, and I hope that you will not object to this formal answer. Please keep in touch with me as to your plans for the South Pacific trip. I hope that we shall be able to cooperate in some way, but the two items which we are short of are money and time. I suspect that any plants which you send our way will be on the basis of a gift, but, of course, we cannot foresee what funds will be available in a couple of years, by the time your material is ready to offer for sale.

With best wishes for the holiday season,

Cordially yours,

ae

A. C. Smith
Curator
Division of Phanerogams

12/11/51

UNIVERSITY OF MICHIGAN
ANN ARBOR
DEPARTMENT OF BOTANY

December 11, 1951

Mr. Otto Degener
c/o Bishop Museum
Honolulu, Hawaii

Dear Mr. Degener:

My application to the American Philosophical Society in your behalf seems not to have been greeted too enthusiastically, and, as a matter of fact, has not yet been officially received, for it will have to be on their special form, which they have not yet sent me. Since all applications must be received a month before a meeting of the Committee on Research, and mine was not on time for the December meeting, it must now go over for the next meeting, and I have no great expectation that anything will come of it.

The Research Committee of the Society does not see why a research grant should be spent for material to go into our collections or for paying any "regular" member of our staff. I had hoped that your former collecting companion Al Miller would be available for handling your material if we got the grant, but he is so far from "regular" that he has accepted an offer to go to Stanford. I found another young man willing to take such an assistantship namely, Mr. Grady Webster, who hopes to find some sort of an opportunity for field work in New Caledonia or New Guinea after he gets his doctorate. He would be a first-class man for the job, because of his interest in Pacific floras, and has agreed to take the assistantship if it develops.

I do not wish to have Dr. Eisenhart or the Philosophical Society think we want to acquire material rather than do research. However, such a project as yours can't be productive of research except as the materials become sorted, labelled, and available for specialists. I suppose that we could give up the idea of having a complete record set anywhere, and break up the first set for the collaborators. Then you could use all of the smaller remaining sets for sale to meet your expenses. If we could afford a set (very unlikely), well and good, otherwise we would get along with such special groups as we might be

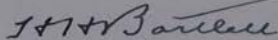
Mr. Otto Degener
Page 2

December 11, 1961

especially interested in and able to scratch up funds to pay for. We would want palms, aroids (especially if viable seeds could come by air for growing at the Botanical Gardens), ferns, to be studied by Dr. Wagner, formerly with Dr. Copeland at California but now here, and, according to this plan, Euphorbiaceae for Mr. Webster to work on. His dissertation will be on Phyllanthus in the Western Hemisphere. Then he wishes to turn to the same genus and related genera of Euphorbiaceae in the S. W. Pacific and Oriental tropics. This plan would leave no material here except what we paid cash for, as any other subscriber would do. As fast as labelled the study set could be distributed to the collaborators of Flora Malesiana as indicated by Professor van Steenis. Naturally any families that you wished to study personally would also have to be withheld from the study set, to avoid conflict of research interest in the material. If you were willing that there should be no complete reference set anywhere available, this plan would not be too bad.

Suppose you let me know how you react to this modification being proposed. It is my experience that collectors who have to depend upon sales of sets to break even do not get the unique specimens, and miscellaneous odds and ends, because they can't afford to, and with great detriment to the scientific value of their work. Still, we could put up a little cash for aroid seeds and such miscellaneous but time-consuming materials as completely representative palm specimens, which never get into sale sets anyway. I inclose a copy of my letter to Dr. Eisenhart.

Sincerely yours,



H. H. Bartlett

HHB/sk

Enclosure

AEROGRAM

Godkänt av Kungl. Generalpoststyrelsen
(Ill 2055:49) Befordras för 30 öre med
flyg över hela världen

**LUFTPOST
PAR AVION**

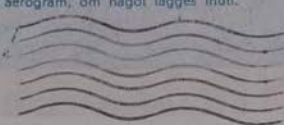


*Mr. Otto Sjöman,
P.O. Box 187,
Waialeale, Oahu
Isle of Hawaii:
U.S.A.
Honolulu, Kauai*

Avsändare:



Obs.! Befordras icke som aerogram, om något lägges inuti.



JONAS HILL A.S. ÖREKÖP.

Stockholm, Dec. 31, 1951

Dear Otto:

First of all: my very best wishes for the coming year. I wish you every success.

Then I thank you very much for your book list. I would like to order the following numbers and do hope they are not gone:

- 1) Bishop's Mus. Mem. 9:1 (Shiomi)
- 2) Cook & King, Voy. to the Pacific. Ldn. 1824.
- 3) McBrille, Suppl. 1850

Hope everything is well. Saw a movie from Tokyo a few weeks ago taken by a friend traveller, and the "Clay-Bo" was seen in Rapa Harbour, painted all over.

Have forgotten if I told you I was appointed Director of the Paleontological Department in June? Have moved from Facklegatan 4, Stockholm, to BANÉRGATAN 79, STOCKHOLM Ö.

Who is going to take over the directorship in the Bishop's Museum? And when are you going to New Guinea?

Alsoha mi loe

Alf

-1-151

Mokuleia Beach,
Waialua, Oahu,
T. Hawaii, U. S. A.

Dear Mr. McAdam:

Your informational letter (No. B.33) of June 29 just arrived. It has excited and pleased me no end. I shall contact Mr. Womersley as you suggest.

My plans regarding my contemplated trip to the South Seas are still in a state of flux, the time element being particularly troublesome. Thus far I know I must be in Tahiti quite some months before July 1952 when I am involved in a business deal. Secondly, I have not quite completed a project for the Civil Aeronautics Commission on Canton Island, which will take me south to that atoll again. Instead of wasting funds and time to return to Honolulu, I should prefer going on to Tahiti or New Guinea direct from Canton. This date is not yet known. To complicate matters still more, a veteran, H. F. Clay, who botanized in Hawaii with me several years ago, has just received an advanced degree in Horticulture at my old college at Amherst, Mass. He was offered a position by the University of Hawaii for this coming year and intends to return to Honolulu. Now, due to the War, the appropriation for his work suddenly has been diverted for the biennium, and he wishes to accompany me to concentrate on plants worthy of introduction from the horticultural standpoint. Clay would be an asset on a botanizing trip. Until these unknowns clear up, I am not yet sure about precise plans. Mr. Clay and I perhaps could botanize in Tahiti and Tonga before joining Mr. Womersley in New Guinea the latter part of 1952.

I have corresponded and exchanged herb. specimens with the late C. T. White of Brisbane for years. Much of his valuable ability, some of us in America felt, was wasted in mounting the specimens himself when some school boy could have taken this burden off his hands. If Mr. Womersley is building up a local herbarium, I hope we can arrange for some labor saving. I retain no personal herbarium. The first set of plants I collect I am in a way obligated to turn over to the New York Botanical Garden, of which I have been a staff member since 1935. Perhaps I can arrange that some institution like Harvard or the University of Michigan shall receive Set 3 as a gift provided free of charge they properly poison, mount and ship Set 2 to Mr. Womersley at Lae ready for filing away.

Changing the subject: I wonder whether your Department of Forests would be interested in publishing a pamphlet of common or useful plants of New Guinea and neighboring islands. I have 100 - 150 illustrations and descriptions in my "Flora Haw." and "Plants of Haw. Nat. Park" of species no doubt found in New Guinea. Not too much time and labor would be involved in adapting these to New Guinea conditions, and adding another 100 or so additional species to the work. We can talk about this when once I reach Port Moresby. I enclose a few samples and am mailing you a copy of my Flora Haw., from New York, where the copies are stored. I regret it will take so long for the book to reach you.

May I again thank you most sincerely for your very kind and helpful letter. I am taking the liberty of forwarding it to Dr. Robbins, my Director.

Faithfully yours,