



Hunt Institute for Botanical Documentation  
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Web site: [www.huntbotanical.org](http://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.

Apr. f. 6. months Jan. 1 - June 30.60

<u>Car</u>	<u>Traps</u>	<u>Primitive Collat</u>	<u>Red Purse</u>
15.40	+86.14 ✓	318.29+	5.75+
25.30		579.12+	7.84+
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270.47+		50. - +	13. - +
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+5.50			<u>40.74</u> ✓
<u>391.92</u> ✓			
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<u>in</u> on hand Jan. 1.60 = 23.63	in Feb. 1 = 2000. -
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86.14 ✓	
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Jan. 5, 1960.

Dr. Wm. C. Steers,  
N. Y. Botanical Garden,  
Bronx Park, New York City.

Dear Dr. Steers:

Thanks largely to the grant of the National Science Foundation sponsored by the Garden, my wife, Dr. Isa Degener, and I accomplished the following during the year 1959:

Botanized on the islands of Molokai once and Maui twice for any species of interest, besides conducting field work on the home island of Oahu for specific species needed to complete definite descriptions or illustrations.

For professional improvement, attended the International Botanical Congress in Montreal, participating in several field trips. Thereafter Mrs. Degener and I travelled through Mexico and Guatemala to further study "Plants of the Tropics," a subject on which I published four articles under the same title in the Garden Journal years ago. We noted that the native species, except perhaps in Plumbago, are conspicuously different in Central America from those in Hawaii; whereas the cultigens and native weeds are conspicuously alike. Of about 3,000 numbers collected during the three months away from Hawaii, choice Mexican and Guatemalan representatives were deposited at the Garden. Canadian material, on the other hand, was donated to foreign herbaria, as to send it to the Garden would merely duplicate the magnificent collection of such material already there.

Alerted interested individuals and associations to the threat of extermination of our endemic flora by the further reckless introduction of herbivorous animals, such as axis deer to Maui, mouflon to Kauai and Hawaii, and over 30 antelope to tiny Lanai.

Published:

1. Degener & Degener, Flora Hawaiiensis, Book VI, 84 pages.
2. ~~Degener & Degener, Flora Hawaiiensis, Book VI, 84 pages.~~
3. ~~Degener & Degener, Flora Hawaiiensis, Book VI, 84 pages.~~
4. ~~Degener & Degener, Flora Hawaiiensis, Book VI, 84 pages.~~
5. Degener & Ziegenspeck, Bearbeitung Sporangien leptosporangiaten Farne (Filicales) neu. Methoden. (Privately printed) 1 - 12.
6. Degener, Book Review, in Phytologia 8(8): 44 - 45.
7. Degener, Haw. Flowers and Flowering Trees, in Gard. Journ. 9 (1): 33.

Respectfully submitted as the 1959 Annual Report

NATIONAL SCIENCE FOUNDATION

WASHINGTON 25, D. C.

January 6, 1960

Mr. Otto Degener  
Waialua, Oahu, Hawaii

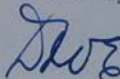
Dear Otto:

Thank you for your letter of December 28 and for the six copies of the latest fascicle<sup>A</sup> of Book 6. Incidentally we now require that you send only four reprints of a publication in place of six. It is good to see the printing continue and to learn that you avoided catastrophe with the near bankruptcy of your printer. From the account in the newspaper that you sent, it is hard to see how the Paradise of the Pacific press managed to survive.

Thank you for your inquiry about a possible trip to Hawaii. I think the first possibility will be at the time of the Pacific Science Congress.

All good wishes for the new year to Isa and yourself.

Cordially,



David D. Keck  
Program Director for  
Systematic Biology



Jan 60

Jan 60

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HAWAII



Dr. Otto Degener

R.R. 1, Box 89

Waialua, Oahu

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cashier

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TERMS: 30 days  
delivered apr  
and 33% a/m  
collection fees  
event this bl

Jan. 9, 1960

Dear Mr. Montagne:

The semiannual accounting, ending January 1, 1960, for the NSF grant listed by you as G6377 No. 326 is as follows:

On hand - - - - -	\$506. 53
July 1, 1959	
Expenses	
Drawings - - - - -	\$ 30.00
Printing - - - - -	290.22
Red Purse (postage, etc.)- - - - -	130.66
Car - - - - -	32.02
	<hr/>
Total	\$482.90
Balance - - - - -	\$23.63

We printed 16 pages of the *Flora Hawaiianis* Book 6 on Dec. 28, 1959, but the bill will not be due until 1960.

I am a bit fearful about expenses as completion of Book 6 means the assemblage of the pages and the horrible cost of having covers made. Those for Book 5 came to 72 cents each. I doubt prices will be any more reasonable in a year or two hence.

Aloha,



THE  
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D PUBLISHERS  
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TO

Dr. Otto Degener  
68-617 Crozier Drive  
Maialua, Hawaii

DATE January 11, 1960

CUSTOMER'S  
ORDER NO.

OUR  
ORDER NO. 65802

SHIPPED  
VIA

TERMS: 30 DAYS NET

SOLD BY

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT	TOTAL
	8 pages Flora Hawaiiensis		318.29	
PAID \$318.29 - February 3, 1960				
<u>Received Payment</u>				
THE PORTER PRESS				
By <u>Mrs. Dutton Redman</u>				
Thank You				

Publishers of "PARADISE OF THE PACIFIC" • Hawaii's Foremost Monthly Magazine

Jan. 20, 1960.

Dear Mr. Montagne:

I am a little worried that my letter of Dec. 20 did not reach you, and still more worried that it did reach you and that the contained \$1,000 cheque to me got lost between N.Y., and Haw.

I have botanized recently on Molokai, Lanai and Maui and have an outstanding printing bill. If, therefore, the \$1,000 cheque is not in the mails (or is lost, in which case the banks must be notified regarding cancellation), please mail me a \$2,000 N.S.F., cheque by air. The letter perhaps should be certified; registered costs more.

While on Maui day before yesterday, it would have cost \$25 per person to fly to the neighboring Island of Hawaii to circle lava flow and fountains. The round trip would have taken 2½ hours. It was quite an inducement that was nevertheless a bit too expensive to enjoy. Anyway (sour-grapes), the plane might have gotten into rain and then visibility would have been close to nil.

Aloha,



The New York Botanical Garden BRONX PARK • NEW YORK 58 • NEW YORK • LU 4-8500

CHARLES B. HARDING, President  
FREDERICK S. MOSELEY, Jr., Vice President  
MRS. HERMANN G. PLACK, Vice President  
R. GORDON WASSON, Treasurer  
WILLIAM C. STREKE, Director

January 28, 1960

Dr. Otto Degener  
Waialua  
Oahu  
Hawaii

Dear Otto:

I must apologize for my dilatoriness in answering letters. I did have your letter about your trip to Montreal and subsequent travels in Mexico and your troubles with the printer. Your letter was appreciated and noted with interest. I also have your six months accounting in letter dated January 9, 1960 for which many thanks. Let me thank you too for the copy of "Paradise," the reading of which is almost as good as a trip to Hawaii.

I take this opportunity, likewise, to acknowledge receipt of your letter of January 20, and note with concern that a letter of December 20 apparently miscarried. We had not sent you any money recently. As requested, therefore, I am enclosing check to your order for \$2,000 representing a further payment on account of your grant. Will you please acknowledge this immediately on receipt so that we know you have it.

Probably the most important project immediately enjoying our attention here at the Garden is the proposed new Library Wing for which we are raising funds. The enclosed letter will no doubt be of interest and give you further details.

Otherwise, with best regards, I am

Sincerely yours,



H. de la Montagne  
Secretary

HM:md

11/28/60

# The New York Botanical Garden

BRONX PARK • NEW YORK 58 • NEW YORK • LU 4-8500

CHARLES B. HARDING, *President*  
FREDERICK S. MOSELEY, Jr., *Vice President*  
MRS. HERMANN G. PLACE, *Vice President*  
R. GORDON WASSON, *Treasurer*  
WILLIAM C. STEERE, *Director*

September 15, 1959

Dear Fellow Member:

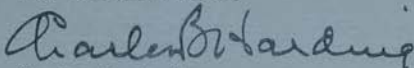
Since 1899 The New York Botanical Garden has served its membership and the public in many ways. One of the most significant of these services is that of the Library. The Library of The New York Botanical Garden is one of the great horticultural and botanical libraries of the world and, like all great libraries, it is growing constantly. For some years now, it has been inadequately housed and even dangerously housed due to serious overcrowding. Its 64,000 bound volumes and 300,000 unbound books and pamphlets must be kept in a suitable modern library, and the decision has been made to build a library wing, as an addition to the Garden's Museum and Administration Building. This proposed wing will provide space for future expansion and will be air conditioned. It has been designed by the architectural firm of Eggers and Higgins, who have had extensive experience in this type of building. They estimate that the cost of the library wing will be approximately one million dollars, at least half of which must be raised by The New York Botanical Garden.

Here is a very real opportunity for you to serve the Garden and to help us preserve our wonderful Library for the future. We are enclosing a fact sheet which explains the plans and gives estimates of costs in detail.

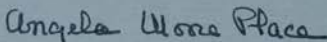
The Board of Managers of The New York Botanical Garden is anxious that every member have a part in building our new Library. No contribution is too small and if our 2,100 members all participate in this inspiring project, we know we shall have our greatly needed new Library in the very near future. Thus we shall have served The New York Botanical Garden as it has served us over the years.

Please give as generously as you can. As you know, all contributions are tax deductible.

Very sincerely yours,



Charles B. Harding  
President



Mrs. Hermann G. Place  
Chairman, Fund for New  
Library Wing.

P.S. Checks should be made out to The New York Botanical Garden and mailed with the pledge card in the enclosed business reply envelope.

1128160

# A NEW LOOK FOR AN OLD FRIEND



The addition to the Museum Building is designed to house adequately the Library of The New York Botanical Garden, one of the great botanical libraries of the world.

Library Addition

## OPPORTUNITIES TO GIVE

Executive and Classroom Space

BASEMENT AND FIRST FLOOR

First Floor shown

A. Classrooms (3)	\$ 56,100
B. Conference Rooms (2)	19,680
C. Director's Office	10,560
D. Staff Offices (6)	38,400
E. Other Spaces and expenses*	91,260
(on both floors)	<u>\$216,000</u>

Library Space

STACKS

Second and Fifth levels  
of new addition

A. Stacks	\$ 54,000
B. Study Areas	800
C. Other*	160,400
(on both floors)	<u>\$216,000</u>

Library Space

ROOMS

At Second Floor of Museum

A. Reading Room	\$ 31,020
B. Rare Book Room	11,800
C. Folio and Map Room	19,680
D. Librarian's Offices (3)	24,480
E. Other*	21,000
	<u>\$108,000</u>

Library Space

STACKS

Between Second and Third  
floors of Museum

A. Stacks	\$ 27,400
B. Correls	400
C. Other*	80,200
(on one floor)	<u>\$108,000</u>

\*Other Areas and expenses include Stairs, Toilet Rooms, Lifts, Storage, Mechanical Equipment, Air Conditioning, and demolition work.

NIAGARA MOHAWK POWER CORPORATION  
300 Erie Boulevard West SYRACUSE 2, N. Y.



Dr. Otto Degener

Watalua, Oahu

Hawaii

Hunt Institute for Botanical Documentation

Jan 60

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PAY TO THE ORDER OF *Mr. Ernest K. Wu* *13* *80* *100*

*Thirteen and 80/100* DOLLARS

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DR. ISA DEGENER  
68-617 Crozier Drive  
Wailua, Hawaii

*Dr. Otto Degener*

Jan 60

WAILUA BRANCH WAILUA, HAWAII

**BANK OF HAWAII**

PAY TO THE ORDER OF *Hawaiian Airlines* *24* *64* *100*

*Twenty four and 64/100* DOLLARS

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DR. ISA DEGENER  
68-617 Crozier Drive  
Wailua, Hawaii

*Dr. Otto Degener*

Jan 21 1960 Jan 60

WAILUA, HAWAII, U.S.A. WAILUA BRANCH

**BANK OF HAWAII**

PAY TO THE ORDER OF *Treasurer, City & County Hon.* *25* *30* *100*

*Twenty five and 30/100* DOLLARS

*Vollswagen license etc*

*Dr. Otto Degener*



# MAUI GRAND HOTEL, Ltd.

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RATE 3.50

FROM 1/15/60  
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2	JAN 15-60	00000	Chc Pnu —	0.15
3	JAN 15-60	00000	Chc Pnu —	0.45
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SOLD SUBJECT TO TARIFF REGULATIONS					
NOT GOOD FOR PASSAGE					
FROM	1-HONOLULU	3-LANAI	5-HANA	8-KAMUELA	
TO	KAUAI	MOLOKAI	KAHULUI	UPOLU	KONA HILO
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TO	KAUAI	MOLOKAI	KAHULUI	UPOLU	KONA HILO
TO	1-HONOLULU	3-LANAI	5-HANA	8-KAMUELA	AM PM
TO	KAUAI	MOLOKAI	KAHULUI	UPOLU	KONA HILO
TO	1-HONOLULU	3-LANAI	5-HANA	8-KAMUELA	AM PM
TO	KAUAI	MOLOKAI	KAHULUI	UPOLU	KONA HILO
TO	1-HONOLULU	3-LANAI	5-HANA	8-KAMUELA	AM PM
TO	KAUAI	MOLOKAI	KAHULUI	UPOLU	KONA HILO

HAWAIIAN AIRLINES LIMITED SOLD SUBJECT TO TARIFF REGULATIONS		PASSENGER'S COUPON FORM <b>OS-2</b> <b>B</b> <b>77426</b>	
NOT GOOD FOR PASSAGE			
FROM 1-HONOLULU 3-LANAI 5-HANA 8-KAMUELA 0-KAUAI 2-MOLOKAI 4-KAHULUI 6-UPOLO 7-KONA 9-HILO		DATE DEPARTURE TIME FLIGHT No.	
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TO 1-HONOLULU 3-LANAI 5-HANA 8-KAMUELA 0-KAUAI 2-MOLOKAI 4-KAHULUI 6-UPOLO 7-KONA 9-HILO		PM	
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Feb 1/60

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SOLD  
TO

Dr. Otto Degener  
68-617 Crozier Drive  
Waialua, Hawaii

DATE January 11, 1960

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OUR  
ORDER NO. 65802

SHIPPED  
VIA

TERMS: 30 DAYS NET

SOLD BY

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT	TOTAL
	8 pages Flora Hawiensiis		318.29	
	PAID \$318.29 - February 3, 1960 Received Payment THE PORTER PRESS By <u>Mrs. Dorothy Redmon</u> Thank You			

Publishers of "PARADISE OF THE PACIFIC" • Hawaii's Foremost Monthly Magazine

WAIALUA BRANCH	WAIALUA, HAWAII	59-117 1213
<b>BANK OF HAWAII</b>	Feb 1, 1960	
PAY TO THE ORDER OF	Porter Press	318 <sup>29</sup> / <sub>100</sub>
	Three hundred eighteen and <sup>29</sup> / <sub>100</sub>	DOLLARS
DR. OTTO DEGENER or DR. ISA DEGENER 68-617 Crozier Drive Waialua, Hawaii	Dr. Otto Degener	

The New York Botanical Garden BRONX PARK • NEW YORK 58 • NEW YORK • LU 4-8500

CHARLES B. HARDING, *President*  
FREDERICK S. MOSELEY, Jr., *Vice President*  
MRS. HERMANN G. PLACE, *Vice President*  
R. GORDON WASSON, *Treasurer*  
WILLIAM C. STEERE, *Director*

February 2, 1960

Dr. Otto Degener  
68617 Crozier Drive  
Waiialua, Oahu, Hawaii

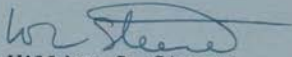
Dear Dr. Degener:

In order to find new space and in order to save the time of employees we are turning over our stock of back volumes of journals to Stechert-Hafner and Company who will reprint missing numbers and take over the task of advertising and selling these publications.

We are considering a parallel treatment of the various books published by the Garden and it is for this reason that I am writing to you now. I do not find a written agreement with you in our files concerning our responsibilities to you -- or yours to us -- with reference to the large number of Degener's "New Illustrated Hawaiian Flora" and Degener's "Plants of Hawaii National Park." I shall be grateful to you for any reference to correspondence or memoranda that will clarify the arrangements about these publications of which you are the author and that are stored here at The New York Botanical Garden. We will also keep you informed of the details of handling publications by Stechert-Hafner & Company.

Thank you for the prompt completion of your annual report. Our very best wishes to you for a successful New Year.

Sincerely yours,

  
William C. Steere  
Director

WCS/gd



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corrugated



Waialua, Oahu, Hawaii.  
Feb. 5, 1960.

Dear Mr. Montagne:

I have the enclosed \$2,000 N.S.F., cheque with your interesting letter. Herewith is the receipted printing bill, which arrived in this morning's mail.

Thanks to the rare opportunity of acting as botanical guide to a group of non-botanists, I had the chance to do some field work on Molokai, Maui and Lanai. Being house guest most of the time, my hotel bill amounted to but \$3.50! I did give gifts in payment for favors, including seedling false sandalwood trees from Molokai for a Maui host, and five boxes of candies totaling about \$5.00 for five children of host families. Such opportunities are rare, and I jump at them every time I have the chance. Isa, unfortunately, was under the weather at the time and stayed home. I got some nice, extremely rare material - a mint from Lanai, for example - for an illustrated description for Book 6. It is so much more correct to describe from the living plant, as this time I got the true color of the flowers: not "white" but conspicuous pink. I also got the strange *Wahlenbergia* on the foothills of Molokai - I needed the flowers for the description. This adds another plant family as native to our Archipelago.

It is so nice to learn that the Garden will get a new addition to the Library. I imagine Dr. Steers convinced NSF to help materially with financing. Poor Dr. Rickett and Miss Hall have been pretty crowded for years. I hope the beauty of the old building will not be marred. It has a style all its own, and in its way is imposing in spite of some of its gingerbread.

We are having quite a smog problem, due to the eruption on the Island of Hawaii. We can't see our mountains back of the house. Some tourists are leaving for home because of it. It is amazing how much lava is being exuded. As I see it, this grand eruption guarantees that pressure is being relieved and that no disastrous explosion can occur.

I have some nasty postage expenses due to air mailing live plant material to foreign experts. Skottsborg just started work on one of my Molokai finds of Jan. 15, THIS YEAR. He writes as though it is new. Some fresh material was rushed to him to enable chromosome counting; the bulk, properly dried, goes by ordinary surface mail. When his monograph has been completed, I will get my plants back and, as usual, the Garden will get the best set. Plane travel certainly helps for man and mail.

I am reading daily temperatures of the various Mainland cities, and can see you sloshing around in "rubbers" in slush - better come to Hawaii, volcano or not.

Aloha,

*O. S. Skottsborg*

Feb. 7, 1960.

Dear Dr. Steere:

I have your Feb. 2 letter regarding my two books stored in the P. Lorillard Snuff Mill.

No written contract involves these books in any way. Being a New Yorker who emigrated to the Hawaiian Islands in 1922, I started storing all my botanical possessions at the Garden. The nucleus was my collection made in the summer of 1920 with the late H.H. Whetzel. Dr. Britton, of course, was interested and received the cream of my collection. Drs. Britton, Merrill and Robbins continued the arrangement, I donating my best set of plants to the Garden. The number to date, with Bermuda plants, exceeds 23,000. In fact, during several residences of two-year duration at a time, I gave afternoon lectures like any salaried staff member to the public and at members' teas. In 1941 I shipped, according to Dr. Gleason, at least 50,000 Haw. herbarium specimens to the Garden, following them soon thereafter. Dr. Merrill assigned one and at times two secretaries to help me with the labeling during the next two years and in extracting the best specimens for the Garden. In addition I donated Bornean and Philippine ferns bequeathed to me and purchased by me from D. LeRoy Topping. The Garden under Dr. Merrill gave me a grant of about \$1,000 to help my Fiji project, receiving the second best set as a result. The first went to the Arnold Arboretum, a higher contributor. As Mr. Montagne may remember, the Garden was heir for decades to my entire estate in case of death and hence it was logical at that time for the books to be stored on the premises. In summary, then, the arrangements between myself and the Garden have been always those of sincere cooperation without any written or implied contract in the background.

Mrs. Degener and I think your project is grand. As we see it, a Museum should get educational publications into the hands of persons that can use them, rather than have them lie in storage unused to get progressively obsolete day by day. Stechert's offer seems to be the one logical solution. I am so glad they will reprint missing back numbers. With the photo-offset process, it should be extremely reasonable. What a wonderful thing it would be for the Garden if all Addisonias were republished and offered for sale with each species loose-leaf à la Degener so that the entire work could be bound in taxonomic sequence. I do hope the North American Flora will get a "shot in the arm." It started out as a very worth while undertaking, as remarks by some foreign botanists at the Congress indicated to us.

2/7/60

I believe to ship my books to Honolulu by freight via Panama, if you no longer have room for them, would come to about \$44 per ton. I am writing my sister, Miss Irma Degener, 24 East 82 St., New York City, to get me names, addresses and prices of N.Y., freight-forwarding concerns. Could you have Mr. Dugan estimate the weight of my stored books, namely of "Plants Haw. Nat. Park" and of "Flora Haw.", separately? Are they still properly packed for shipment by van? I fear there was heavy spoilage by water during their storage back of the lecture hall, a danger I had never anticipated and hence had never covered personally by insurance. Should the Garden, perchance, have been covered, this would be the time to inform the underwriter and collect. Have you the name of a reliable freight forwarder?

I am eagerly awaiting your answers so we can plan accordingly.

Aloha,

*Chas. Dugan*

*1. The same person who has been  
on the 1st car must be coming down with*



Feb 12. 1960

Dear Otto, I have telephoned several concerns about your books. So far it seems you have to have a separate concern for packing and delivering the books to a steamship line which will freight them. Of course I don't know how reliable they are. The Contract

Packers Inc. 2331-12 Ave. N. Y.  
12 charge 63 cents a cubic foot for packing which will have to be done at their warehouse, not at the Botanical Gardens. They will have to bring the books from there to the warehouse. You will have to pay 40 cents a hundred-weight for transportation. Of course that only means from Botanical Gardens

of the Pacific from your ship. I have  
to steamship pier. The best  
for you to do is to ask  
the Bot. Garden to recom-  
mend a packer and ship-  
per to Hawaii. I hope  
you wish him to move  
the books. It will be a great  
expense, especially the  
crating. I may have some  
further information later.  
I am so afraid the books  
will be carelessly handled.  
There is nothing new here.  
A very mild winter.

The Hawaiian Freight  
Forwarders, 11 Broadway  
would ship the books, but  
they do not pack them  
or call for them in the  
Bronx. You would have  
to get the books down to  
them. It is all very  
difficult. Bertha says  
she received no Paradise



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MRS. HERMANN G. PLACK, *Vice President*  
R. GORDON WASSON, *Treasurer*  
WILLIAM C. STEERE, *Director*

February 15, 1960

Dr. Otto Degener  
68617 Crozier Drive  
Waialua, Oahu  
Hawaii

Dear Dr. Degener:

Thank you for your informative and helpful letter of February 7. We are glad to have the information concerning the handling of your publications. I am delighted to be able now to settle this matter and am turning your letter over to Mr. R. F. Kolkebeck who will let you know about the handling of your books.

Sincerely yours,



William C. Steere  
Director

WCS/gd

P. S. We are always happy to have information about the progress of your work. It sounds fascinating especially in our cold New York winter.

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WILLIAM C. STEERE, *Director*

February 18, 1960  
Air Mail

Dr. Otto Degener  
Waiialua  
Oahu  
Hawaii

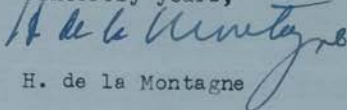
Dear Otto:

Thank you for your letter of February 5  
with the enclosures which have been noted with much  
interest by all of us here at the Garden.

You refer to us sloshing around in rubbers,  
but the temperature a couple of days ago was 63°  
and runs in the neighborhood of 50° practically every  
day, so don't feel too sorry for us. Nevertheless,  
I am sure Hawaii is a marvelous place to be in winter.

With best regards,

Sincerely yours,

  
H. de la Montagne

HM:md

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R. GORDON WASSON, *Treasurer*  
WILLIAM C. STEERE, *Director*

February 19, 1960  
Air Mail

3278  
8220  
11498

Dr. Otto Degener  
68617 Crozier Drive  
Waialua, Oahu  
Hawaii

Dear Dr. Degener:

Supplementing Dr. Steere's letter of February 15,  
I shall try to summarize the information we have put together  
on your publications.

Earle Dugan has kindly made a count of the books.  
There are 3,278 copies of Plants of Hawaii National Park and  
2,174 copies of Flora Hawaiiensis; also approximately 2,000  
Tropical Plants the World Around, reprinted from the Journal  
of The New York Botanical Garden, May 1945. The weights are  
estimated at 3,278 pounds, 8,220 pounds, and 200 pounds,  
respectively.

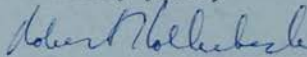
The books will have to be packed for shipment. The  
estimate we got was \$15 per case for labor and material in-  
cluding the removal of the books from the loft of the Snuff  
Mill where they are stored. All told approximately 50 cases  
would be required.

We also got an estimate of \$45 - \$50 per ton for  
shipment by water freight via Panama to dockside at Honolulu.  
This is close to the figure cited in your letter of February  
7 of \$44 per ton.

The following freight forwarder has been highly  
recommended: Victory Shipping Company, 810 Bridge Street,  
New York City.

We shall await further word from you about the  
shipping and financial arrangements.

Sincerely yours,



Robert F. Kolkebeck  
Assistant Director

RFK:md

Feb. 24, 1960.

Stechert-Hafner Inc.,  
31 East 10 St.,  
New York, N.Y.

Dear Sirs:

For years you have been ordering from me my "Plants Hawaii National Park", paper, edition 2; and my "Flora Hawaiiensis, Books 1 - 4 in a single board cover, edition 2.

These editions are presently stored in New York City, and I contemplate having them shipped to Hawaii. Before doing so, please let me know if you wish any copies and, if so, how many and what you offer for them.

It seems a pity as well as extravagant to ship books all the way from New York to Hawaii, and then from Hawaii back to New York again.

Sincerely,

Feb. 24, 1960.

Mr. Robert F. Kolkebeck,  
N.Y. Botanical Garden,  
Bronx Park, N.Y. City.

Dear Mr. Kolkebeck:

Thanks so much for your informative letter of Feb. 19. It was good of Mr. Dugan to break down the number and the weights of the three distinct items.

My brother, a commission merchant in wholesale textiles in New York, wrote me the name of his shipper in Whitehall Street. Now with facts on hand thanks to your letter, I am writing the letter for a bid on shipping the books. I am also approaching Stechert, asking if they are interested in the purchase of a larger lot of my books, and their possible offer. I have little hope, however, that their offer would be worth while.

Regarding the 2,000 "Tropical Plants the World Around" weighing about 200 pounds: These are reprints from the Garden Journal purchased by me but on which I never took delivery. Could you therefore have these wrapped at the Garden's expense into corrugated boxes of about 50 lbs., each, and have them mailed to me by BOOK POST as these pamphlets are technically books - this definition depends on the number of pages. The price then would come to 9 cents for the first pound per package and 5 cents for each additional pound. The limit is 70 lbs., per package. The beauty here is that the 4 or 5 boxes would cost a total of less than \$15 to get them from Museum Building to my doorstep. I do not know details today at the Garden, but I imagine the postman still backs up his truck to pick up mail from the basement as in former times. Each package, I suppose, should be insured for \$50 or so. Just in case this method works out, I enclose labels herewith. I should eventually have a formal bill for postage and insurance so that I can add this cost as a regular business tax exemption.

As we see it, the bottleneck in getting the Flora and the National Park book to Hawaii is the packing & hauling expense to the wharf in New York. That will take some figuring and planning. The freight by water



comes precisely to \$44.01 per ton, approved for all steamship lines by the Maritime Commission.

I doubt that packing for the great mass of books is necessary because the freight forwarders I asked by 'phone in Honolulu replied that corrugated boxes are perfectly satisfactory for shipping "school books" via Panama, and that crating or boxing in wood is unnecessary. It merely adds to the weight. Most of the books should still be in the original corrugate boxes in which the printers delivered them from Chicago to the Garden. Perhaps all that is necessary is to strengthen each box with additional string, and paste a label with my address on it. If any broken boxes remain, perhaps one of my nephews in New York could visit the Garden, repack, and mail the few new boxes via book post.

At any rate we can start the ball rolling on the pamphlets, and work out a method of shipping the larger items as soon as we get more facts. I shall keep you informed of developments.

Have you seen the last number of the National Geographic Magazine? The pumice expelled by the recent eruption on the Island of Hawaii is now drifting upon our beach on distant Oahu and blackening it along the high water mark left by the waves.

Aloha,

Feb. 60

Feb 60

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Dr. Otto Degener

R. R. 1, Box 89

Waiialua, Oahu

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*[Signature]*

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HAWAII**

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Five and <sup>75</sup>/<sub>100</sub>

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DR. OTTO DEGENER or  
DR. ISA DEGENER  
68-617 Crozier Drive  
Wailua, Hawaii

Dr. Otto Degener

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Feb 60

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Dr. Degener Feb 60

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2 6 0  
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1 5 7 2 \*

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WILLIAM C. STEERE, *Director*

March 1, 1960  
Air Mail

Dr. Otto Degener  
Waialua  
Oahu  
Hawaii

Dear Dr. Degener:

Thank you for your good letter of February 24.

Mr. Dugan mailed to you yesterday the reprints from the Journal: Tropical Plants the World Around. There were 1675 copies and Earle put them into three cartons each weighing approximately 40 pounds. The total bill for insurance and postage came to \$7.02 and I am enclosing a bill, as you requested.

We shall await further word from you or from your brother in New York about the other books.

Aloha to you...

Sincerely yours,

*Robert F. Kolkebeck*

Robert F. Kolkebeck  
Assistant Director

RFK:md  
encl.



March 4, 1960.

Dear Dr. Kolkebeck:

Many thanks for your March 1 letter.

Enclosed is the cheque covering the shipment of the Garden Journals. It is wonderful that the postman will haul everything to the front door! As you know, we live rather isolated on a very lovely beach.

Stechert-Hafner, as expected, show little interest in my books. They are rather specialized and about a very specialized region.

Mrs. Degener & I suspect most of the remaining books can be shipped in the original cartons in which they were delivered to the Garden by the printer. They came all the way from Chicago, so the packing must have been sturdy.

Dr. Britton, who was not too friendly with the Gray Herbarium, once facetiously remarked that its influence did not extend south of the Charles River (or whatever the name of the stream south of the Herb., is called). You will be pleased to learn that the influence of the Garden extends to Japan. Would you please ask Mr. Dugan to mail a copy of my Flora Haw., to that country. I just got an order from there. I enclose a label for the package.

I hope you, Dr. Steere and other members of the Garden plan to attend the Pacific Science Congress here on Oahu a year and a half hence.

I am a bit worried about the car insurance involving the NSF grant. It has run out. I could handle it from this end if Mr. Montagne wishes. He attended to it three years ago in New York.



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3/10/60

## RPM LUBRICATION

DATE <u>3-2-60</u>	NAME <u>Dr. Degeen</u>
MAKE <u>Volkswagen</u>	ADDRESS
MODEL <u>1956</u>	CITY
LICENSE <u>52-773</u>	PHONE
MILEAGE <u>29380</u>	TIME PROMISED
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CRANKCASE <input type="checkbox"/> DRAIN <input type="checkbox"/> FILL		
3 QTS. OIL S.A.E.		150
BRAKE CYLINDER <input type="checkbox"/> INSPECT <input type="checkbox"/> FILL		50
AIR CLEANER		50
DRAFT TUBE AIR CLEANER		
COVERED SPRINGS		
OIL FILTER		
TRANSMISSION <input type="checkbox"/> DRAIN <input checked="" type="checkbox"/> INSPECT <input type="checkbox"/> FILL		75
1 1/2 QTS. S.A.E. OR QTS. RPM TORQUE FLUID #1		
DIFFERENTIAL <input type="checkbox"/> DRAIN <input type="checkbox"/> INSPECT <input type="checkbox"/> FILL		
PTS. S.A.E.		
REPACK FRONT WHEELS		
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	WASHING & POLISH	
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WILLIAM C. STEERE, *Director*

March 14, 1960  
Air Mail

Dr. Otto Degener  
Waialua  
Oahu  
Hawaii

Dear Dr. Degener:

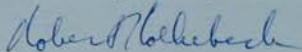
Thank you for your letter of March 4 and  
your check covering the shipment of the reprints  
from The Garden Journal.

We shall still await further word from you or  
from your brother in New York about the remaining  
books. I hope they can be shipped in the original  
cartons, as you and Mrs. Degener suspect.

Mr. Dugan has mailed a copy of your Flora  
Hawaiiensis as you requested.

Mr. Montagne will write to you about the car  
insurance.

Sincerely yours,



Robert F. Kolkebeck  
Assistant Director

RFK:md

GOVERNMENT OF THE STATE OF SINGAPORE

Cable Address: 'GOVPRINTER'

Your Ref:

Our Ref: G.P.D. 67/59

DEPARTMENT OF  
GOVERNMENT PRINTER,  
P.O. Box 485,  
Singapore, 13.

Date: 14th March, 1960.

Dr. Otto Degener,  
Waialua, Oahu,  
Hawaii.

Dear Sir,

I thank you for your letter of 28.2.60 and to inform you that "Flora of Malaya, Volume II Ferns" by Holttum is available.

The cost of one copy including registered postage is \$21.40 (Malayan Currency).

It would be appreciated if you would arrange to pay in Malayan dollars, preferably by bank draft and made payable to the "Government Printer, Singapore".

Yours faithfully,

J. Lee Ah Mm,  
f. Government Printer,  
Singapore.

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.50		AIR MAIL CHARGES .25	TOTAL 7.87

PX-168 A

March 14, 1960.

Dear Mr. Kolkebeck:

I received an answer from Fred Henjes, the forwarding agents. They verify that the cost by water is \$44.01 per Ton. They likewise write that for their expert to ascertain condition of the packages for shipment they need a letter from me authorizing him to do so. Before rushing into this matter blindly, please give me an idea to what extent the books need repacking as most of them undoubtedly are still in the original packages in which they were hauled to the Garden by the printer.

Mrs. Degener & I at times do some bot "odd jobs" for pin money and MAY have the opportunity of botanizing in American Samoa for three weeks to a month, beginning about April 10. We should get the book shipment question settled before our possible departure. The books would then be in transit for such a long time, we would be home at their arrival in Honolulu and could then personally haul them gradually home.

If the packing of the books is in such a delapidated state that it would actually cost \$500 to wrap them, it might pay Mrs. Degener & me to take a "quicky flight" to New York. We would coincide such a stay with the weeks my sister vacates her apartment for an out-of-Manhattan visit. Besides wrapping books we would have the fun of visiting with our Garden friends, and looking up important literature and specimens in the Library and Herbarium. The trip would be limited strictly to business and hence tax free.

I shall not answer Mr. Henjes' letter until I have more information to work on from you.

It is really horrible that the Third Ave. L. is no more!!!! It was so handy for me in years past to get to the Garden from East 82 St.

Aloha,

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FREDERICK S. MOSELEY, JR., *Vice President*  
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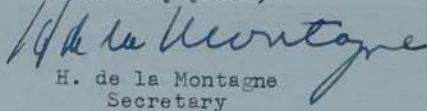
March 15, 1960  
Air Mail

Dr. Otto Degener  
Wai'alua  
Oahu  
Hawaii

Dear Otto:

I have your letter of March 2 in regard to insurance on the car. As regards public liability as against a third party, this was arranged through our office here, including also property damage against others and this insurance is now in process of renewal. I am not sure, however, that this is the particular insurance to which you refer. It seems to me that you might have gotten some added insurance yourself against fire or theft or damage to your own car. Insurance such as this is not carried by the Garden and if it is this particular insurance that you refer to I think you had better arrange for it yourself. Will you let me know definitely what the final status is.

Sincerely yours,

  
H. de la Montagne  
Secretary

HM:md

P.S. Our limits of liability against others are carried in the amount of \$300,000 and \$25,000 for property damage. This applies also to the car assigned to you.



March 20, 1960.

Dear Mr. Montagne:

I have your March 15 letter regarding the Volkswagen insurance. We were scared to use it until it was properly covered. Should I have the precise fee to add to our account or does your office wish to add it there? You might let me know before we make our 6 months' accounting for you.

Within this week we should know whether we are to be invited to Samoa for three weeks. They are interested to know something about their own plants from STIMULANTS such as we! Well, anyway, the weeds will be pretty much the same, and the native plants will belong largely to the same genera as the Hawaiian ones. The one dread is that the natives may try to force us to drink kawa that has been prepared by chewing. In Fiji it was pounded, clean and refreshing. Such people can be terribly easily insulted. The F. Browns in the Marquesas got terrifically unpopular and had no end of difficulties because they dared to botanize on Saturday - the people are Seventh Day Adventists. In Samoa, Isa & I may attend Church Subdays before going into the field and act pious. I did that in Fiji, and liberally donated silver to the platter passed around. We admire the sincerity of the natives, though not necessarily their good sense in adopting our religious thinking in toto.

Greed for cash or "progress" is wrecking the endemic Haw. vegetation. I occasionally protest feebly, as at end of enclosed clipping. Future generations of Garden botanists will thank their lucky stars I emigrated to the Haw. Islands in 1922 and started collecting everything in sight.

I don't know if I wrote that our once white beach has some nasty blackish ripple marks due to fragments of pumice that floated here from the recent Island of Haw., eruption.

Tomorrow we drive to Honolulu for the first major repair to the now 4-year old Volkswagen - grinding of valves. That involves taking the engine out of the car. We shall stay overnight in Honolulu, working the two days at the Museum. We really wanted the car overhauled for a collecting trip to the Island of Hawaii, but the possible Samoa trip must come first. Anyway, it seems a bit early for Hawaii as the newspaper showed a photo of Maima Kea snow-covered at higher elevations. The catch of ffs would not be too good until the weather warms up a bit more.

Aloha,

The New York Botanical Garden BRONX PARK • NEW YORK 58 • NEW YORK • LU 4-8500

CHARLES B. HARDING, *President*  
FREDERICK S. MOSLEY, JR., *Vice President*  
MRS. HERMANN G. PLACE, *Vice President*  
R. GORDON WATSON, *Treasurer*  
WILLIAM C. STEERE, *Director*

March 21, 1960  
Air Mail

Dr. Otto Degener  
Waialua  
Oahu  
Hawaii

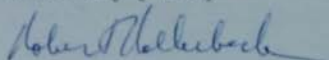
Dear Dr. Degener:

Our letters of March 14 crossed.

If I were an expert I should be glad to give you an idea on repacking your books but under the circumstances I think you ought to refer this question to the forwarding agents or anyone else who would be qualified to pass judgment on the material. In my letter of February 19 I said the books would have to be packed for shipment which I based on what Mr. Dugan told me. If you authorize anyone to look at the books please let Mr. Dugan know so that he can show the person where the books are and how many are involved.

If you and Mrs. Degener should decide to come to New York it will be a pleasure to see you.

Sincerely yours,



Robert F. Kolkebeck  
Assistant Director

RFK:md

# Brown, Crosby & Co., Inc.

## INSURANCE

110 WILLIAM STREET  
NEW YORK 20, N. Y.

March 23, 1960

Mr. Henry de la Montagne  
The New York Botanical Garden  
Bronx Park, New York City 58, N. Y.

Dear Mr. Montagne:

Re: OTTO DEGENER and/or  
THE NEW YORK BOTANICAL GARDEN  
Automobile Liability Insurance

Attached is renewal policy number XF 548381 of the Employers Liability Insurance Company for a further period of one year from February 25, 1960, and renewal premium bill in the sum of \$11.18.

When we received the policy, the insurance company had increased the medical payments coverage from \$1,000 to \$5,000. We decided to end the policy on through because the difference in premium is only \$4. If, however, you and Mr. Degener feel that the medical reimbursement coverage should be \$1,000 as heretofore, please let us have your instructions and I will order the necessary correction as of the renewal date.

Please call us if you have any further questions with regard to this insurance.

Very truly yours,

Assistant Vice-President

SHL:ac  
cc:lw

MATERIAL USED				
QUAN.	PART NO.	DESCRIPTION	PRICE	
3	2371/503	4 wheel valve	297	891
1	2371/503	4 wheel valve		297
1	11582RA	Head gasket set		279
4	6370B	4 wheel valve guide	175	700
1	263	Ring gear		620
2	111501 1153A	Brake	217	434
4	M140799	Strap	15	60
4	M140591	Friction	05	20
12+12+24		Brake auto order		100
1	211 144 08	Plate		1972
1	11 14 0313	Disc		1159
1	11 14 165	Brk		211
1	113 301 315	gasket		02
1	113 301 317	"		02
1	113 301 319	"		02
1	113 301 235	"		02
1	113 301 237	"		02
1	111 301 239	"		02
1	11309 577	OVERHAUL-BERETTES shaft		403
1	11309 578	rod		260
1	111 307 615	Spring		02
1	M112 2341	Washer		03
1	113 309 27	gear		887
BROUGHT FORWARD				
TOTAL PARTS				
QUAN.	ACCES. NO.	DESCRIPTION	PRICE	
		machines 1. fly wheel to fit new ring gear, Ream for second clutch fork		1665
TOTAL ACCESSORIES				

## INVOICE

FOREIGN CAR CLINIC, LTD.  
248 Ohe St., Honolulu, T. H.  
Telephone 50-1283

3/24/60  
REPAIR ORDER  
01566  
13484

NAME <i>Otto Regener</i>		RECEIVED A.M. P.M.	DATE <i>3/21/60</i>
ADDRESS <i>68-617 Crozier Dr. Honolulu, Hawaii</i>		PROMISED A.M. P.M.	CUSTOMER'S ORDER NO.
CITY <i>Waialua, Oahu</i>	PHONE	TERMS	ORDER WRITTEN BY <i>OW</i>
MAKE <i>Vette</i>	TYPE OR MODEL <i>Combi</i>	YEAR	SER. NO.
MTR. NO.		LICENSE NO. <i>52-773</i>	SPEEDOMETER <i>29663</i>
OPEN. NO.	REPAIR ORDER INSTRUCTIONS		LABOR CHARGE
	<i>Grind valve, complete tune</i>		<i>45.00</i>
	<i>Check transmission - repair as necessary - slip out of gear - removal, overhaul trans ash Assy. complete</i>		<i>60.00</i>
	<i>Replace fly wheel ring gear &amp; clutch parts</i>		<i>8.00</i>
	<i>Retty Clr. 3/21/60 TH.</i>		
I hereby authorize the above repair work to be done along with the necessary material, and hereby grant you and/or your employees permission to operate the car or truck herein described on streets, highways or elsewhere for the purpose of testing and/or inspection. An express mechanic's lien is hereby acknowledged on above car or truck to secure the amount of repairs thereto.			
F. S.		PHONE WHEN READY: YES <input type="checkbox"/> NO <input type="checkbox"/>	
TOTAL LABOR		<i>113.00</i>	
TOTAL PARTS		<i>131.67</i>	
ACCESSORIES			
GAS, OIL & GREASE			
OUTSIDE REPAIRS		<i>16.65</i>	
TAX		<i>9.87</i>	
TOTAL AMOUNT		<i>370.47</i>	



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WAIALUA, HAWAII

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HAWAII**

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ORDER OF

*March 25 1960* NO. *270<sup>47</sup>00*

*Two hundred seventy and 00<sup>47</sup> 100* DOLLARS

DR. OTTO DEGENER or  
DR. ISA DEGENER  
68-617 Crozier Drive  
Waiialua, Hawaii

*Dr. Otto Degener*

March 60

WAIALUA SERVICE CENTER

P. O. BOX 387

WAIALUA, OAHU

HAWAII



Dr. Otto Degener

R. R. 1, Box 89

Waialua, Oahu

Feb. per invoices

5 65

*Paid  
cash*

3-60

1 5 0  
0 5  
3 5 0  
5 0 5

# WAIALUA SERVICE CENTER

P. O. BOX 387 WAIALUA, OAHU, HAWAII

# WAIALUA SERVICE CENTER

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P. O. BOX 387 WAIALUA, OAHU, HAWAII



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DATE

2/7/50

195

GALS. SUPREME GAS		
GALS. CHEVRON GAS		1.50
QTS. OIL		
BATTERY		
TIRE - TUBE REPAIR		
NEW TIRE - TUBE		
RECAPS		
WASHING & POLISH		
TOWING		

TERMS: 30 Days Net Cash. The undersigned agrees to pay interest at 6% and 33 1/3% of any unpaid balance for collection fees or attorney's fees in the event this bill becomes overdue.

RECEIVED BY

3



**The Leopard's Spots: Scientific Attitudes toward Race in America, 1815-59.** William Stanton. University of Chicago Press, Chicago, Ill., 1960. 245 pp. \$4.

This study is centered around the "American School" of anthropology and ethnology which arose in the antebellum period. The most distinguished member of the group was Louis Agassiz, the Swiss-born naturalist, but the leading figures in developing the school were Samuel G. Morton of Philadelphia and Ephraim G. Squier, whose genuine contributions to the development of anthropology have been largely obscured by the fallacious conclusions drawn from their researches. The group supported a theory of polygenesis for the races of man and held that the divisions between the races were permanently established at their creation. Furthermore, in the "Scale of Nature," these races of man were ordered with the Caucasian at the top and the Negro at the bottom.

Stanton does a splendid job of placing the scientific problem in its social and intellectual context. He shows the character of the men involved in attempts to find a quantitative measurement of racial diversity, the inadequacy of the existing scientific knowledge, the social pressures working on scientific judgments, the interplay of research findings and attitudes toward race, and the ultimate failure of the school following the publication of Charles Darwin's *Origin of Species*. Although Stanton feels that the anti-Biblical crusade that accompanied the teachings of the school neutralized its support of racism among the slaveholders, one cannot help wondering how much of its "scientific proof" of the biological inferiority of the Negro filtered down into the popular mind of the post-Civil War period. Obviously, this book will interest anyone concerned with the background of the color line in the democratic ethos.

On the whole, the American school was a scientific failure, a blind alley, but in selecting it for study, Stanton has been better able to illustrate the complexity of scientific advances. In spite of fallacious conclusions, the work of the school on the nature of hybrids, the transmission of racial characteristics, the contradictions in the environmentalistic theories of biological change, and the inadequacies of the received Biblical account of the creation of races, helped focus attention on vital problems which had to be

faced by the Darwinians. The school also helped in the subtle process of transforming the climate of opinion toward an active interest in the problem of racial origins.

Without wishing to quibble over minor points of interpretation, Stanton does attach considerable importance to the idea of *economy* in nature, meaning the frugality of nature, as a part of the outlook of the period (for example, pages 99, 109, 133), and he attributes the recognition of nature's "shocking waste" to Darwin (page 133). The word *economy* was commonplace in the language of natural religion and meant design. The design could include enormous wastefulness as well as frugality, and after the graphic pictures of fossil strata presented by Cuvier, the wasted productions of nature were widely acclaimed. Tennyson, for instance, in his *In Memoriam*: "So careful of the type?" but no. / From scarp'd cliff and quarried stone / She cries, 'A thousand types are gone; / I care for nothing, all shall go . . .'"

FRANCIS C. HABER

Department of History,  
University of Florida

#### Teaching Comprehensive Medical Care.

A psychological study of a change in medical education. Kenneth R. Hammond and Fred Kern, Jr. Published for the Commonwealth Fund by Harvard University Press, Cambridge, Mass., 1959. xxii + 642 pp. \$10.

The decade of the 50's has been a period of experiment in medical education. A number of medical schools have modified their programs and are trying to evaluate the results. This book is a comprehensive report of one of these experiments.

In 1953, the University of Colorado School of Medicine established a General Medical Clinic designed to teach senior medical students "the techniques and philosophy of comprehensive medical care" (page 4). The staff of the clinic (in Denver, directed by Fred Kern, Jr., associate professor of medicine) collaborated with the behavior research laboratory at the university (in Boulder, directed by Kenneth Hammond, professor of psychology) in planning and executing a 5-year research project designed to evaluate the effects of the program. Although Hammond and Kern were the principal investigators

and are now the senior authors, it is evident that their staffs contributed significantly to this very thorough and detailed work. The study and the report emerge as fine examples of interdisciplinary effort.

The subtitle, "A psychological study of a change in medical education," comes closer to describing the book than the title itself. About three-fourths of the volume (including the 60-page appendix) is concerned with details of the research. The reader is likely to learn more about the problems of *how* to study the effects of a change in curriculum than about *what* the effects actually are. Its careful and lucid account of research methods used in the study of parts of the educational process in medicine constitutes the book's major contribution. Particularly appealing are the authors' candid reflections on the difficulties met in the several stages of the research.

The authors are conscious of the dual audience for whom the book is intended: "the medical educator" and "psychologists and sociologists." There is enough material, however, to keep these and other groups (for example, educationists) busy for some time to come. Medical educators will read it; so will psychologists and sociologists interested in medical or professional education. But the book deserves a wider audience. Any scientist concerned with the measurement of change in human behavior in a specific (educational) environment will find this a very useful reference work.

One is inclined to agree with the authors that the research itself represents a "pioneer effort." It is unusual on two counts: (i) No other medical school has had a part of its program studied so exhaustively (although others have instituted more extensive changes in program). In no other institution, to my knowledge, has the plan to initiate a curriculum change been so closely intertwined with a research program carefully designed to study its effects. (ii) The design of the study followed classical lines, that is, each of three successive senior classes was divided into an experimental and a control group, the former attending the clinic, the latter the usual senior clerkships. The use of experimental and control groups within the same class over several years knows no parallel in experiments in medical education.

As might be expected, the strengths in the design also contributed weaknesses. Problems appeared in the course



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<b>ISLAND</b>		DRAFT IN FAVOR OF GOVERNMENT PRINTER, SINGAPORE	
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<b>ISLAND</b>		7. 12	
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PREPARED BY		7. 87	
APPROVED BY		AUTHORIZED SIGNATURE	
MISC-1 (F-133) 4-59			



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No. \_\_\_\_\_ April 5 19 60  
Received of Dr. Otto Spegner  
Ten <sup>40</sup>/<sub>100</sub> Dollars

for Korthalsella drawing

\$ 10 <sup>40</sup>/<sub>100</sub>

WESTAB



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No. \_\_\_\_\_ April 5 19 60  
Received of Dr. Otto Spegner  
Ten <sup>40</sup>/<sub>100</sub> Dollars

for Korthalsella drawing

\$ 10 <sup>40</sup>/<sub>100</sub>

WESTAB

April 6, 1960.

Dr. David D. Keck.  
National Science Foundation,  
Washington 25, D.C.

Dear Dave:

Paradise of the Pacific Printers has been purchased by the  
Porter Press - I hate the change of name - and now Isa & I are getting  
some of our ms., set up. The bottle neck was chiefly lack of suitable  
engraver.

Here, then, we submit four copies as per instruction of the latest  
 fascicle, of which about 100 copies go into the mails tomorrow morn-  
ing to interested individuals and institutions.

Nothing much new here excepting that the NSF car, after four years  
of field work, required general overhauling coming close to \$300. But  
now the old bus purrs nicely and again has more power. We cannot risk  
getting stuck in out-of-the-way places. We should like to botanize on  
the Island of Hawaii again but are ready to jump to the island to which  
we might be more or less invited.

We are trying to get the Army to take us onto a cliff-surrounded pla-  
teau by helicopter on the Island of Kauai back of the town of Hanalei.  
Al Smith wrote a favorable letter suggesting that we get plants from  
there for the Smithsonian. I took the liberty to show this around.

Aloha,

DR. OTTO DEGENER or  
DR. ISA DEGENER  
68-617 Crozier Drive  
Waialua, Hawaii

WAIALUA, HAWAII

58-117  
1213

PAY TO THE  
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HAWAII**



April 7, 1960 NO. —

Waialua Service Center, 21 700  
P.O. Box 100  
15  
DOLLARS

Dr. Otto Degener



Waiialua, Oahu, Hawaii.  
April 8, 1960.

Frederic Henjes Jr. Inc.,  
44 Whitehall St.,  
New York City, N.Y.

Dear Mr. Strunck:

Thank you for your informational letter of March 8. I did not want to reply until I should receive more facts from New York. Now I have them.

I am asking my sister, Miss Irma Degener, 24 East 84 Street to contact your office for some day convenient to meet at the N.Y. Botanical Garden, Bronx Park (Fordham) to inspect my books stored there.

Most of the books should be in the original corrugated boxes or crates in which they were shipped to the Museum by the printers. I wish them shipped, cheapest way which is by \$44.01 per Ton by water, to Honolulu. Time is unimportant. Perhaps the boxes need strengthening with rope.

I have written Assistant Director, Mr. Robert F. Kolkebeck, of the Garden about your concern.

Sincerely,

The New York Botanical Garden BRONX PARK • NEW YORK 58 • NEW YORK • LU 4-8500

CHARLES B. HARDING, *President*  
FREDERICK S. MOSELEY, Jr., *Vice President*  
MRS. HERMANN G. PLACE, *Vice President*  
R. GORDON WASSON, *Treasurer*  
WILLIAM C. STEERE, *Director*

April 8, 1960

Dr. Otto Degener  
Waialua, Oahu  
Hawaii

Dear Otto:

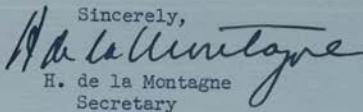
Thank you for your informative letter of March 20th, and for your newspaper article on the early days of Hawaii. I hope the Samoa trip has become a reality.

As regards the car insurance, this insurance covering public liability and property damage and medical payments was renewed for one year effective February 28, 1960. I am enclosing for your information a copy of the policy and also a copy of the letter from Brown, Crosby & Co., our brokers. The cost as you will note amounted to \$43.18 which was paid from here and charged against your grant. If you want to change the medical coverage as per Mr. Haberle's letter, please let me know.

We are going to be pretty much upset here in the Museum Building over the next several months owing to extensive repairs to the building by the City but the end result should be greatly to our advantage.

I hope all goes well with you.

My best regards to you and Mrs. Degener.

Sincerely,  
  
H. de la Montagne  
Secretary

HM:ek

April 9, 1960.

Dear Mr. Montagne:

I planned mailing you the bill for the April 7 printing at the same time as the enclosed one for car overhaul. Then yesterday I noticed the printer had erred, charging me for a zinc of a grass I had borrowed and turned over to him. So that bill goes back to him for correction.

Not to delay any longer, here is the car bill - now the Volkswagen should be equal to inferior roads again. We plan going to an outside Island for collecting, and it would be awkward having a break-down far from a Volkswagen repair shop. Evidently special, not standardized tools, are needed. This is the one disadvantage against using a foreign car in out-of-the-way places.

We are losing a tenant and are presently bound to our lot, waiting for some prospect to drop in and arrange to take over the rental unit. The present tenants are getting a baby  $\pm$  by adoption - and need a two-bedroom house.

Aloha,

April 9, 1960.

Dear Mr. Kolkebeck:

Regarding my books in the stuff mill, I am writing my sister Irma Degener, 24 East 52 Street to meet at the Garden with a representative of Frederic Henjes Jr. Inc., 44 Whitehall Street at some day convenient to Mr. Dagen or one of the Garden men to finally decide upon how many packages must be repacked etc., etc.

Frederic Henjes is a licensed customs broker who handles my brother's shipments, and evidently is reliable. It would be nice, in a way, if Mrs. Degener and I should be "needed" and obliged to fly to N.Y., to handle the packing ourselves.

We are presently "marooned" on our 3/4 acre lot because of a tenant turnover. It is the proper time to concentrate on plant descriptions. We hope to complete Book 6 before N.S.F., time limit and funds expire. It takes a good deal of planning.

Sincerely,



4/13/60

4/13/60

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3

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WAIALUA, HAWAII

59-117

1213

**BANK OF  
HAWAII**PAY TO THE  
ORDER OFDR. OTTO DEGENER or  
DR. OTTO DEGENER  
68-647 Kalia Drive  
Waialua, Hawaii

April 12, 1960 No. —

Pacific Science \$ 100  
Eight and 00/100 DOLLARS

Dr. Otto Degener



Amt. of Account

Amt. Paid

Balance Due

No. — April 13, 1960

Received of Dr. Otto Degener  
— Ten — 00/100 DollarsParasitula drawing  
\$ 10.00 to Kishner

WESTAB

NATIONAL SCIENCE FOUNDATION  
WASHINGTON 25, D.C.

April 14, 1960

Mr. Otto Degener  
Waialua, Oahu  
Hawaii

Dear Otto:

Thanks for sending us another fascicle of the Flora Hawaiiensis which arrived this week. I am glad that you now apparently have a suitable engraver.

I am pleased to learn that the "old bus" is now in satisfactory condition and that you are continuing with the collecting.

When the covers are available for Book 6, we will be glad to have them.

Sincerely yours,



David D. Keck  
Program Director for  
Systematic Biology

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BALES

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TOTAL

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WAILALUA, HAWAII, U.S.A.

April 17 1960 No.

WAILALUA BRANCH.

**BANK OF HAWAII**

59-117

1213

PAY TO THE  
ORDER OF

Mrs. Strick

\$ 100 <sup>50</sup>/<sub>100</sub>

Eight and <sup>50</sup>/<sub>100</sub>

DOLLARS

N.S.F.

Dr. Otto Degener

*Copy*



(*Kala Degener*)

WAIALUA, OAHU, HAWAII

April 18, 1960

Dear Prof. Leabrdri:

Thank you for your efficient letter of April 11 regarding Remy No. 604 (*Claoxylon insigne* H. Baill.) in your herbarium. Mrs. Degener and I should be very pleased if Miss Godot de Mauroy were to execute the drawing in the same style in which others have been executed for the Flora Hawaiiensis. I am taking the liberty of <sup>having the</sup> enclosing a <sup>the post office send a</sup> foreign postal money order for the sum of \$10.00 made out to the Museum for her.

Please have Miss de Mauroy sign the drawing parallel to the stem.

Aloha,

*L. Otto Degener*

*The Number of the order is 12-1639,447 dated April 18, 1960.*

H. W. "Walt" REDMAYNE  
Printing and LithographyN<sup>o</sup> 223SOLD  
TODr. Otto Degener  
68-617 Crozier Drive  
Waialua, Oahu

DATE April 7

CUSTOMER'S  
ORDER NO. 66116and  
65802OUR  
ORDER NO.SHIPPED  
VIA

PLEASE MAKE CHECKS PAYABLE TO: H. W. REDMAYNE

TERMS: 30 DAYS NET

SOLD BY

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT	TOTAL
3,000	"Flora Hawaiiensis" pages as follows:			
	Sapindaceae	23.25		
	Aizoaceae	23.25		
	Ebenaceae	43.53		
	Ophioglossaceae	43.53		
	Rubiaceae	33.12		
	Graminae	33.53		
	Verbenaceae	35.38		
	Ranunculaceae	43.53		
	Collating	<u>300.00</u>		
			\$579.12	
	Red'd 4/13/60 E. B. Ricker			

April 20, 1960.

Dear Mr. Montagne:

Here is the bill for the NSF printing dated April 7, 1960. It is corrected for credit for the one zinc that I had borrowed from the University and then had supplied the printer.

I guess by this time my sister, Mr. Dugan and the book shipper have gotten into a huddle regarding the Snuff Mill storage problem. If the books are not already on the way, please ask Mr. Dugan to ship 30 copies of Plants Haw. Nat. Park to our National Park, and send me the bill.

This morning Isa & I were on the Kaiser TV Station for half an hour's taping. The tape will be run on Saturday at 3:30, and we will have fun (or embarrassment) looking at ourselves in action. In the strong search lights we both looked ghastly. I mentioned that the Garden was sponsoring the Floral work through NSF, and that the books were on sale at the local Bishop Museum book store. Yes, the influence of the Garden extends all the way to the distant State of Hawaii.

It will be a problem storing the Snuff Mill material herest home and we are trying to make room for it by gradually hauling all NSF sheets to the printer for collating and eventual trimming and punching. We told them they should keep this lot as we expect them to make covers for us anyway. Thus we get free storage but, on the other hand, it will eventually be difficult to shop around for the cheapest cover maker. Locally there are very few - the newspapers have terrific prices - so the advantage outbalances the risk. Our little printer can't afford to be unreasonable lest they lose us a printing customers in the future. They seem to be fair.

The Samoa trip idea is silly in view of 1) loss of a tenant May 1 - which means Isa & I must renovate the rental unit until some prospective tenant takes it, 2.) the Snuff Mill problem and expense and, 3.) Isa is momentarily a bit under the weather. I seem to be in fine fettle with a blood pressure of 150 over 85, and going onto 61 this May.

I believe I wrote you that our old printer went bankrupt and that the setting of our ms., was largely postponed. A Mr. Redman



2160/52  
distribution. Then another fascicle will be printed, with many lobelia drawings, all original. I am writing you now so you can mail me another cheque by ordinary mail.

Postal conditions have improved on this side of the Pacific at least. Ordinary mail, if room is available, will go airmail at surface mail rates. Air mail will as usual always go airmail. So this heavy letter goes officially by SURFACE MAIL to you as an experiment. I shall watch how soon it reaches you.

Aloha,

The New York Botanical Garden BRONX PARK · NEW YORK 58 · NEW YORK · LU 4-8500

CHARLES B. HARDING, *President*  
FREDERICK S. MORELEY, JR., *Vice President*  
MRS. HERMANN G. PLACE, *Vice President*  
R. GORDON WASSON, *Treasurer*  
WILLIAM C. STEERE, *Director*

April 20, 1960  
Air Mail

Dr. Otto Degener  
Waialua  
Oahu  
Hawaii

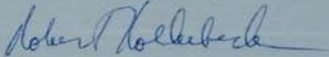
Dear Dr. Degener:

Following up on my letter of March 21, I wonder whether you have been able to make any arrangements to have someone look over your material that is stored in the Snuff Mill.

The City is going to rehabilitate our Museum and Administration Building. This means that we will probably have to evacuate this building. We are therefore looking for storage space wherever we can find it.

It would be most helpful to know soon what disposition we will be able to make of your material in the Snuff Mill.

Sincerely yours,



Robert F. Kolkebeck  
Assistant Director

RFK:md

The New York Botanical Garden BRONX PARK · NEW YORK 58 · NEW YORK · LU 4-8500

April 22, 1960  
Air Mail

Dr. Otto Degener  
Waialua  
Oahu  
Hawaii

Dear Dr. Degener:

Mr. Kolkebeck has asked me to acknowledge your letter of April 9 which arrived just today and evidently crossed his letter to you of April 20. I shall inform Mr. Dugan of the contents of your letter so that he will be prepared to arrange to meet with your sister and a representative of Frederic Henjes Jr. Inc.

Sincerely yours,

*Mildred Davis*

Mildred Davis  
Secretary to Robert F. Kolkebeck

WAILUA BRANCH

WAILUA, HAWAII

59-117

1213

**BANK OF  
HAWAII**PAY TO THE  
ORDER OFDR. OTTO DEGENER, or  
DR. ISA DEGENER  
68-617 Crozier Drive  
Wailua, Hawaii

May 1, 1960

NO.

Claine Struck, 50 <sup>no</sup>/<sub>100</sub>  
Fifty and <sup>no</sup>/<sub>100</sub> DOLLARS

Dr. Otto Degener



Amt. of Account

Amt. Paid

Balance Due

No. — April 26 1960

Received of Dr. Otto Degener

Twenty <sup>no</sup>/<sub>100</sub> DollarsCrests, Ventera, Luoma  
drawings.\$20.-  
WESTAB.

Amt. of Account

Amt. Paid

Balance Due

No. — May 1 1960

Received of Dr. Otto Degener

Fifty <sup>no</sup>/<sub>100</sub> Dollars

for collecting

\$50.00  
WESTAB.



Dear Mr. Montagne:

Copy May 2, 1960

With lots of books soon on their way to our Wapukaleia  
home, I am having more of the old job pages of the Flora  
Haw., collated to cause no space. Thus far I have sent  
copies of Book 5 as gifts to practically every institution  
listed in Ransome & Staplen, Index Herbari-  
um (1936) up to page 77. These books, in a sense, are  
a gift from NSF. When the Snuff Mill material  
comes to + I will send away more copies of Book  
5 to make room for my National Park books  
Flora Haw. Books 1-4, which belong to me 100%  
as no outside funds ever were involved. Collat-  
ing by Mrs. Shuck came to \$50.00 for which  
I enclose the receipt. At the end of the month  
I shall have my cheque cancelled by her.

5/2/60

## WAIALUA SERVICE CENTER

P. O. BOX 387



WAIALUA, OAHU

HAWAII

Dr. Otto DegenerR. R. 1, Box 89Waialua, Oahu

April

per invoices

5 50

*Paid  
Choi  
5-6-60*

Receipt No. 153

RECEIPT OF RURAL CARRIER

RECEIVED of Dr. O. H. DeGener

(Name of person from whom money is received)

the sum of \$ 13.25

Difference \$

Total \$ 13.25

for which I am to purchase money order(s) to be drawn according to purchaser's application.

Gauger, Carrier.

Name of payee(s)

DO NOT PLACE MONEY IN THE MAIL BOXES

OVER—READ CAREFULLY

POD Form 6267, May 1966

49-16-5693-4



No. 512/60

May 9 19 60

Received of Dr. O. H. DeGener

ten

40

Dollars

Amt. of Account	
Amt. Paid	
Balance Due	

Fern drawing

\$ 10.40

WESTAB

12-13,552,982

U.S. Postal Money Order



PURCHASER'S RECEIPT  
FILL IN OTHER SIDE  
DETACH  
AND HOLD

PURCHASER ASSUMES RESPONSIBILITY FOR FILLING IN HIS NAME AND ADDRESS AND NAME OF PAYEE IN SPACES PROVIDED ON THE ORDER.



424 SOUTH BERETANIA STREET • POST OFFICE BOX 96 • HONOLULU 10, HAWAII • TELEPHONE 63-427  
PLEASE MAKE CHECKS PAYABLE TO: H. W. REDMAYNE

SOLD  
TO

Dr. Otto Degener  
68-617 Crozier Drive  
Maialua, Oahu

DATE May 6, 1960

CUSTOMER'S  
ORDER NO. 65802

OUR  
ORDER NO. 65802

SHIPPED  
VIA

TERMS: 30 DAYS NET

SOLD BY

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT	TOTAL
3,000 copies	Flora Hawaiana - 16 pages			
	Gentianaceae 1 text, 1 illus	20.70		
	Nyctaginaceae	20.70		
	Malvaceae	20.70		
	Loganiaceae 10, 16	20.70		
	Araceae	20.70		
	Bignoniaceae	10.35		
	Gentianaceae GLEICHENIACEAE	20.70		
	Polygonaceae	28.70		
	Piperaceae	28.70		
	Rubiaceae	35.38		
	Rubiaceae	36.42		
	Umbelliferae	35.38		
	Rutaceae	43.53		
	Euphorbiaceae	44.50		
	Sterculiaceae	43.53		
	Myrtaceae 1 text, 1 int	36.42		
			\$467.11	
			<del>44.50</del>	
			422.61	

not delivered

OD

Proof Not Shown

Paid by check  
\$ 422.61  
5/10/60  
Thank You  
D. W. R.

DR. OTTO DEGENER or  
DR. ISA DEGENER  
68-617 Crozier Drive  
Maialua, Hawaii

WAILUA, HAWAII

58-117  
1213

PAY TO THE  
ORDER OF

H. W. Redmayne 422.61

WAILUA BRANCH

BANK OF  
HAWAII

65802  
Order

Four hundred twenty two and 61/100  
DOLLARS  
Dr. Otto Degener



5/6/60

355

170

3554

## WAILUA SERVICE CENTER

P. O. BOX 327 WAILUA, OAHU, HAWAII

Phone WL 23-4125



GASOLINE - OIL - LUBRICANTS  
TIRES - TUBES - ACCESSORIES  
GENERAL AUTO REPAIRS



SOLD TO

Dr. C. H. Reymann

ADDRESS

SOLD BY

LICENSE NO.

1579

DATE

5/6/60

GALS. CUSTOM SUPREME GAS

GALS. SUPREME GAS

8.6 GALS. CHEVRON GAS

365

QTS. OIL

BATTERY

TIRE - TUBE REPAIR

NEW TIRE - TUBE

RECAPS

WASHING &amp; POLISH

TOWING

TERMS: 30 Days Net Cash. The undersigned agrees to pay interest at 6% and 33 1/3% of any unpaid balance for collection fees or attorney's fees in the event this bill becomes overdue.

RECEIVED BY

3

ORIGINAL

B 737604

## STATE OF SINGAPORE

RECEIVED from Dr. Otto Degener,  
Weiahu, Oahu, Hawaii  
the sum of Dollars Twenty one and cents forty only  
on account of Sale of publications - I/40091

\$ 21/40

Richard Long  
Collector's Signature and Designation,  
Singapore.

Date - 9 MAY 1960, 19

# THE NEW YORK BOTANICAL GARDEN STATEMENT OF ACCOUNT

INVOICE DATE

5/31/60

X

AMOUNT OF INVOICE

\$ 2,000.00

AMOUNT

ACCOUNT NO.

326-09

DETACH THIS STATEMENT BEFORE DEPOSITING CHECK

DR. OTTO DEGENER or  
DR. ISA DEGENER  
68-617 Crozier Drive  
Waiialua, Hawaii

WAIALUA, HAWAII

59-117  
1213

PAY TO THE  
ORDER OF

May 31, 1960  
Claire Bruce

25 <sup>40</sup>/<sub>100</sub>

WAIALUA BRANCH

BANK OF  
HAWAII

DOLLARS

DR. OTTO DEGENER or  
DR. ISA DEGENER  
68-617 Crozier Drive  
Waiialua, Hawaii

WAIALUA, HAWAII

59-117  
1213

PAY TO THE  
ORDER OF

May 31, 1960  
Claire Bruce

25 <sup>40</sup>/<sub>100</sub>

WAIALUA BRANCH

BANK OF  
HAWAII

DOLLARS



No. May 9 1960  
Received of Dr. Otto Degener  
- for - Dollars

Amt. of Account	
Amt. Paid	
Balance Due	

WESTER

FOR: Mr. Kolkebeck

FROM: Otto Degener

DATE: May 31, 1960

For additional work on NSF Grant #G6377  
(our No. 326) please furnish me with a check for  
\$2,000 and oblige.

OD:md



# WAIALUA SERVICE CENTER

P. O. BOX 387, WAIALUA, OAHU, HAWAII

Phone WL. 23-4125



GASOLINE - OIL - LUBRICANTS  
TIRES - TUBES - ACCESSORIES  
GENERAL AUTO REPAIRS



SOLD TO

*Dr. Otto Degener*

ADDRESS

SOLD BY

LICENSE NO.

DATE

2015

6/1/60

GALS. CUSTOM SUPREME GAS

GALS. SUPREME GAS

21 GALS. CHEVRON GAS

91

QTS. OIL

BATTERY

TIRE - TUBE REPAIR

NEW TIRE - TUBE

RECAPS

WASHING & POLISH

TOWING

TERMS: 30 Days Net Cash. The undersigned agrees to pay interest at 6% and 33 1/3% of any unpaid balance for collection fees or attorney's fees in the event this bill becomes overdue.

RECEIVED BY

3

June 6, 1960

Mr. Degener

Collation of 400 books & 3000

Elaine L. Struck



No. \_\_\_\_\_ 1960

Received of Dr. Otto Degener  
collecting books 50.00 Dollars

Amt. of Account	
Amt. Paid	
Balance Due	

\$ 50.00 Elaine D. Strick  
WESTAB



No. \_\_\_\_\_ 1960

Received of Dr. Otto Degener  
collecting books 50.00 Dollars

Amt. of Account	
Amt. Paid	
Balance Due	

\$ 50.00 Elaine D. Strick  
WESTAB

# WAIALUA SERVICE CENTER

P. O. BOX 387



WAIALUA, OAHU

HAWAII

Dr. Otto Degener

R. R. 1, Box 89

Waiialua, Oahu

May

per invoices

5 35

4/1/60  
Baird  
cash - to





COMMONWEALTH SCIENTIFIC AND INDUSTRIAL RESEARCH ORGANISATION  
DIVISION OF PLANT INDUSTRY

CABLE AND TELEGRAPHIC ADDRESS:  
"CORESEARCH,"  
CANBERRA

P.O. BOX 109, CITY,  
CANBERRA, A.C.T.,  
AUSTRALIA

Professor Degen  
Honolulu Oahu,  
Hawaii, U.S.A.

(65 Drawings are on  
the water under transit. D)

Dear Professor Degen,

Mailed  
\$7.00  
6/27/60

First, my profound  
apologies for lack of courtesy in not  
writing before. As you are most likely  
to be very much involved due to tidal  
waves etc in addition to your normal work  
I shall not indulge in explanations at this  
stage. I sincerely trust you are well &  
that the wave has not been too disastrous  
for you & yours.

I have completed drawings  
*Emex australis* and *Toenicianum vulgare* for  
you and have enclosed photo prints, regs  
and specimen of *Toenicianum vulgare* - the  
*Emex* had to be returned to the Herbarium.

I do not wish you to pay  
me for these drawings but would like to  
start drawing for you when you can spare the  
time to draw and will most likely make a  
small charge that would suit you.  
Yours Sincerely  
Frank Dorschner.

July 1, 1960.

Dear Mr. Kolkebeck & Mr. County:

For the six months ending July 1, 1960,  
the accounting for the W.S.F. Grant 6377, No. 326 is as follows:

On hand Jan. 1, 1960 -----	\$ 23.65
February cheque -----	2,000.00
June cheque -----	2,000.00
Total -----	\$ 4,023.65
Car (Repair, gas., oil, etc.) -----	\$ 391.92
Trips (Islands Molokai, Maui, Lanai) -----	86.14
Printing & Collating -----	1,428.52
Drawings -----	70.00
Red Purse (postage includes shipping herb. specimens from Garden to Hawaii \$101.89, equipment, photostats, etc) -----	142.63
	\$ 2,119.21
Balance on hand July 1, 1960 -----	\$ 1,904.44

Respectfully submitted,

N.B., p/s/ To insure against possible loss in mails, the original accounting goes by air and the copy by surface mail.

Bills over \$25,-

July 1, 1960 - Dec. 20, 1960

Calculating St. July 5: 35,-  
" Aug. 5: 50,-  
85,-

Printing

Aug 30: 1,289.53  
Nov 30: 1,026.03  
Sept 15: 108.50  
B. minor: 242.40  
100,- Drawings 100,-  
2,424.06

Law. titles total: 82.80  
Kauai

Young Br. 56.50

Equip proc. 43.16

2,424.06  
85,-  
100,-  
56.50  
82.80  
131.57  
2,879.87

49.26  
39.09  
131.51

Bills under \$25 -

July - 29

Car	Tramp	Toll	Spending
2.06	3.50	25.-	10.-
8.60	1.75	25.-	25.-
15.97	1.75	19.03	10.-
3.80	20.-	<u>69.03</u>	10.-
9.01	11.-	Post.	10.-
9.53	<u>38.00</u>	6.-	10.-
1.50		5.50	20.-
31.66		18.72	<u>105.00</u>
4.65			
<u>86.78</u>			

Mrs.

15.20

Post-

32.40

33.02

65.42Postage for 6  
months  
132.44

Equip

4.50

1.85

6.66

3.09

5.50

5.-

-31

1.55

-61

16.20

6.09

4.65

7.42

9.78

5.05

7.13

-91

7.76

29.06

7.81

125.93

Total:

86.78

38.-

69.03

30.22

105.-

15.20

65.42

125.93

342.1535.58

Billboard: 2,879.87

" under: 535.58

3,415.45

From book:

40.56

1536.60

104.43

136.87

543.15

1,253.84

3,415.45

132.44

3,547.89



4,895.58 spent  
 1,289.53 his June 30  
6,185.11 Advertisers  
 Total Dec 31.

not 6,141.93 total  
 he gives because 43,168  
 do ~~not~~ enter our list,

none spent  
 on mail exp.  
 with drawing  
 car, postage  
 printer, etc.

Which will be airmailed  
 for as usual at the  
 end of the 6 months  
 period Dec 31.

on hand July 1: 1,904.42

Oct. 1. 1,000. -

" 20, 1,082.17

3,986.59

3,415.45

on hand 571.14

Dec 20: 132.44

438.70

Waist bill of 67.07  
from Advertiser 2

3,415.45

132.44

3,547.89

No. — July 5 1960  
 Received of Dr. Otto Degener  
 Murphy —  $\frac{20}{100}$  Dollars  
 for collating  
 \$ 35  $\frac{40}{100}$   
 WESTAB

Amt. of Account		
Amt. Paid		
Balance Due		

No. — July 5 1960  
 Received of Dr. Otto Degener  
 Murphy —  $\frac{20}{100}$  Dollars  
 for collating  
 \$ 35  $\frac{40}{100}$  Strick  
 WESTAB

Amt. of Account		
Amt. Paid		
Balance Due		



STAATSDRUKKERY EN DEPARTEMENT VAN SKRYFBEHOEFTE  
GOVERNMENT PRINTING AND STATIONERY DEPARTMENT

Bosmansstraat  
Bosman Street  
PRETORIA

UNIE VAN SUID-AFRIKA  
UNION OF SOUTH AFRICA

Rig alle briewe aan: Die Staatsdrukker, Pretoria—Address all communications to: The Government Printer, Pretoria

TELEGRAMADRES  
TELEGRAPHIC ADDRESS

QUAD

TELEFOON No.  
TELEPHONE No.

2-4211

AFDELING  
SE

Publications.

Verwysing/Reference No. 74/1/5212.

Dr. Otto Degener,  
Waialua Oahu,  
HAWAII.

13th. July, 1960.

Sir,

With reference to your postcard of the 1st. July 1960, and my letter 74/1/2215 of the 21st. March 1960, I have to inform you that the established value of £2:4:3 is 6.26 U.S. dollars.

Yours faithfully,

*M. Wilsnack*  
GOVERNMENT PRINTER.

45/V.M.H.



# WAIALUA SERVICE CENTER

P. O. BOX 387



WAIALUA, OAHU

HAWAII

Dr. Otto Degener

R. R. 1, Box 89

Waialua, Oahu

June

per invoices

2 06

1/26/60  
Paid  
- 20 Sh - 100

Paradise Engraving and Lithoplate  
424 S. Beretania St. Honolulu, Hawaii

Phone 583-482

DATE Aug 1, 1960

Mr. Degner

CUSTOMER'S  
ORDER NO.

~~1223 Weiden Ave.~~  
~~Waimanalo, Oahu~~  
Honolulu, Hawaii

OUR  
ORDER NO.

SOLD BY

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
21 each	Reproductions of 4 book pages from copy		\$ 100.00
		state tax	3.50
			\$ 103.50
			5. =
			\$ 108.50
	Punching		
	Paid 11/2		

7/2/60  
check

Paradise Engraving and Lithoplate  
424 S. Beretania St. Honolulu, Hawaii

Phone 583-482

DATE Aug 1, 61

CUSTOMER'S  
ORDER NO.

OUR  
ORDER NO.

SOLD BY

Mr. Degeer  
1243 Kalia Ave  
Kalia, Hawaii

QUANTITY	DESCRIPTION	UNIT PRICE	TOTAL
	2 each Reproductions of 4 book pages from copy		\$ 100.00
	State tax		3.50
			\$ 103.50
	Punching		5. =
			\$ 108.50
	Paid		

NO. 108

Aug. 2, 1960

PAY TO THE ORDER OF Paradise Engraving & Lithoplate 108.50

One hundred eight and 50/100 DOLLARS

HEAD OFFICE

**BANK OF HAWAII**

Waialua Branch  
Oahu

Mr. Otto Degeer

DR. OTTO DEGENER or  
DR. ISA DEGENER  
58-617 Crozier Drive  
Waialua, Hawaii

KAHULUI  
F.M.S.

WAIALUA, HAWAII

59-117  
1213

Aug. 4, 1960 NO. —

PAY TO THE ORDER OF Mr. Ward Leving \$10 <sup>no</sup>/<sub>100</sub>

Ten and <sup>no</sup>/<sub>100</sub> DOLLARS

WAIALUA BRANCH

**BANK OF HAWAII**

*Spicherus drawing*

Dr. Otto Degener

WAIALUA BRANCH

WAIALUA, HAWAII

59-117  
1213

Aug. 4, 1960 NO. —

PAY TO THE ORDER OF Dr. Lincoln Constance \$25 <sup>no</sup>/<sub>100</sub>

Twenty five and <sup>no</sup>/<sub>100</sub> DOLLARS

WAIALUA BRANCH

**BANK OF HAWAII**

1270

DR. OTTO DEGENER or  
DR. ISA DEGENER  
58-617 Crozier Drive  
Waialua, Hawaii

*Spicherus drawing*

Dr. Otto Degener



Aug. 4, 1960.

Dear Mr. Shootman:

There are three packages of the 8/8/60 form that must be discarded because of errors, at least two of which (I am soory to say) are not the Advertiser's fault. With Mrs. D., at the hospital, I corrected proof alone & I guess I just did not remain alert.

1. Family 5 must have Dicranopteris corrected to Dicranopteris.
2. 316 : Phyllostegia : Glabra must have marcerai corrected to macraei.
3. 330 : Clermontia : Pallida is correct for text but the cut is wrong. It is not of Pallida but of Peleana.

Natually, I can't risk losing a possible future grant-in-aid by being criticized for mistakes. So in the coming bill, of which I need 3 copies, don't have Mr. Johnson include these 6 pages. I will have to get into a huddle with him later and privately pay for my own errors.

Run the three sets, corrected, on the next form and then Mr. Johnson can bill me for them in the normal way.

Since the type has not been melted up, nor plates destroyed, I guess the mistakes won't cost me too terribly much as mostly paper and only a little extra labor is involved.

The past 8/8/60 fascicle looks pretty nice & we are getting ready to mail out the 31 sheets on that date.

When you get around to it, please mail me proofs of everything & Mrs. D & I will do better on proof reading in the future. I guess we have about enough for a smaller form.

I have no proof of Clermontia pallida cut on hand. The flowers are upright; peleana, the wrong cut used, has 4 flowers drooping.

Aloha,

DR. OTTO DEGENER or  
DR. ISA DEGENER  
68-617 Crozier Drive  
Waiialua, Hawaii

WAIALUA, HAWAII

59-117  
1213

PAY TO THE  
ORDER OF

Elaine Strick

50 <sup>no</sup>/<sub>100</sub>

WAIALUA BRANCH

BANK OF  
HAWAII

Collecting  
N.S.F.

DOLLARS

Dr. Otto Degener



No. \_\_\_\_\_

August 7 1960

Received of Dr. Otto Degener

— Ten <sup>no</sup>/<sub>100</sub> Dollars

Amt. of Account

Amt. Paid

Balance Due

for drawing Myoschorea  
\$ 10 <sup>no</sup>/<sub>100</sub> Knittel

WESTAR



No. \_\_\_\_\_

1960

Received of Dr. Otto Degener

— Ten <sup>no</sup>/<sub>100</sub> Dollars

Amt. of Account

Amt. Paid

Balance Due

WESTAR

Elaine I. Strick

Aug. 8, 1960.

Dear Dave:

Enclosed are sheets of an additional fascicle of *Flora Hawaiensis* distributed to approximately 100 institutions and interested individuals on 8/8/60, the printed date of publication.

It would have been nice detouring to Honolulu via Washington and seeing you and how your office is set up. Instead, we returned home to be here before Isa's parents should return to Germany which, incidentally, is today. Shortly on arrival home, Isa underwent a successful major operation which, we are so thankful, was not malignant in any way. It was nice to have had her parents here during the early period of her convalescence. The operation puts a crimp into our planned field work on Kauai and, with the Shiras Baldwins, on Hawaii. There is compensation, however, in getting more text printed and just that much sooner Book 6 in the hands of botanists and the intelligent public.

It is lots of fun, at this advanced stage of the game, to see fresh sheets, like individual pieces of a mosaic, fit into place. Another fascicle, including more lobelias, should follow soon.

I may have written you before that a former convict somehow wangled his way as manager into my good old "Paradise of the Pacific" printer & ran the concern into bankruptcy. The receivers printed my previous, 5/20/60 fascicle, and the new owner (?), who made a \$2,000 down payment with promise of paying the remaining \$15,000 within 30 days, was to complete printing the various odds & ends on the premises. Well, Isa & I got a bit skeptical and fed up with all the confusion and so, with not much loss to us by the bankruptcy, had all the ghastly remains of type, ms., zincos and drawings hauled out of the old shop to the local newspaper. As you see, the latter did very nicely in taking over and printing 8/8/60.

If the Honolulu Advertiser does not start overcharging, I will of course continue with them. If they do, I don't exactly know where to turn but eventually certainly would find some concern as substitute. There are not too many in the Islands. I hardly think the Japanese English-speaking newspaper could handle our technical terms even though my former Univ. of Haw., student is Shigeo Soga is owner.

Well, we are rather happy that the operation is over, and that messing around with a questionable printer is ended.

Aloha,

8/8/60

## WAIALUA SERVICE CENTER

P. O. BOX 387

WAIALUA, OAHU

HAWAII

Dr. Otto DegenerR. R. 1, Box 89Waiialua, Oahu

Aug.

per invoice

3 80

9/14/60  
Paid  
Cash - Dr.



NATIONAL SCIENCE FOUNDATION

WASHINGTON 25, D.C.

August 11, 1960

Dr. Otto Degener  
68617 Crozier Drive, Waiialua  
Oahu, Hawaii

Dear Otto:

I am going to visit Honolulu on September 20-21. I am making a trip eastward around the world to visit laboratories that may be called upon to identify biological materials collected in connection with the forthcoming Indian Ocean Survey. This is quite an assignment for a botanist, is it not! I have written the people at Bishop Museum that I hope to visit them on the afternoon of the 20th (I am due to arrive from Hong Kong on flight PAA 2 at 12:20 p.m.). I have written Max Doty who is in charge of my schedule at the University that I would like to spend the 21st there. I have expressed an interest in visiting proposed sites for the National Botanical Garden on Oahu on that day if feasible. Is there a chance that I could see you and Mrs. Degener, possibly on the campus on the 21st? I have several people to see at the University in the limited time available, but I do not leave the Island for San Francisco until midnight on the 21st.

(aug.)  
I am leaving here on the 18th and so do not expect a reply but why don't you get in touch with Max or Alex Spoehr if you wish to arrange a meeting with me. I would be very happy to see you both. I should add, parenthetically, that I am planning to make a more leisurely visit to the Islands at the time of the Pacific Science Congress, and so I am doing no more than making their barest acquaintance on this hurried trip. I regret I cannot arrange it to stay longer.

Cordially yours,



David D. Keck  
Program Director for  
Systematic Biology

*Waikiki Surfer*

*W. W. & Marion*

Aug. 15, 1960.

Dear Dave:

Isa & I are delighted you will arrive on Oahu Sept. 20 to stay for a couple of days. I got in touch with Max and he tells me he is trying to get you to stay here longer.

August 8 by ordinary mail I sent you another fascicle of Book 6 plus a letter explaining why we rushed home from New York. Isa underwent a major operation in Honolulu and is now convalescing normally and successfully. This mail of mine will probably reach your Washington office after your 'round the World departure. I saw no need in using air mail for a heavy fascicle of pages.

Isa & I would be so glad if you could join us for lunch or supper. We want the Dotys; Miss Neal, botanist of the Bishop Museum; and Constance Hartt, one of the leaders of the Nat. Bot. Garden to join us.

We live on the North Shore of Oahu. Hence if you should have time to circle this island on Sept. 21 or later, we could lunch or sup on our side. If pressed for time, let us eat in Hkn. You may need a little relaxation before enplaning for Calif. At any rate, you know best your commitments and can at the last minute make your final decision.

This letter goes off to your office, and a carbon to the PAA office in Hong Kong.

We shall be in Honolulu at the Museum or Campus, whichever is better. It will be so nice seeing you again; and we won't talk shop as everything is presently transpiring smoothly so far as the grant is concerned.

Aloha,

Aug. 18, 1960.

Dear Dave:

Iss & I were not satisfied with four pages that our new printer ran off. So we discarded the lots, and had them reprinted for distribution 8/19/60.

We are looking forward to your Oahu arrival, long before you actually get these sample sheets.

By the time you get this slim package, you will know what means,

Aloha nui loa,

(CUB)

## GLEICHENIACEAE

## GLEICHENIA FAMILY

Usually xerophyllous terrestrial ferns with dichotomously branching long-creeping usually superficial rhizomes usually bearing hairs or scales. Fronds not jointed to rhizome, erect or straggling, distant or caespitose, usually coriaceous, very rarely determinate and 1- or 2-pinnate but usually indeterminate and with primary erect or ascending stipe appearing to dichotomize 1 to several times but with single central terminal buds either dormant or tardily developing into secondary or tertiary or higher-value leaf-axes which are similar to the primary leaf-axes, their ultimate pinnae being usually in pairs and nearly quite pinnate or rarely bipinnate with the segments usually elongate and pectinately arranged; vernation circinate. Sori superficial, sessile or nearly so, dorsal or terminal, upon the veins on under side of frond, of 2-16 sporangia. Indusium wanting. Sporangia with complete transverse medial annulus, with longitudinal slit of dehiscence facing center of sorus. Veins simple or dichotomous, free. Prothallus green, flat, costate.

About 6 genera comprising almost 150 species, found chiefly in tropical regions and rarely in temperate ones such as in Japan and New Zealand. The bizarre shape of the frond in *Dicranopteris* and *Sticherus* (with some modifications) can be best visualized as developing from a highly decompound fern frond in which the terminal growth of the frond after development of the first pair of pinnae is retarded as a dormant bud, in which the terminal growth of the pinnae after development of the first pair of pinnules is retarded as a dormant bud, and in which such retardation progresses regularly for each subsequent frond subdivision. The gardener arrives at a similar condition of vigorous lateral growth by "pinching back" the terminal bud of a growing flower cluster.

## KEY TO LOCAL GENERA OF GLEICHENIACEAE:

1. Ultimate divisions of frond pectinate:
  2. Veins 2- to 5-forked; plants never scaly; rachis pectinate in part; sporangia per sorus 6 or more.....**Dicranopteris**
  2. Veins 1-forked; plants never hairy; rachis pectinate throughout (in our species); sporangia per sorus 6 or less.....**Sticherus**
1. Ultimate divisions of frond bipinnate; plants never hairy; veins mostly 1-forked; sporangia per sorus 6 or less.....**Hicriopteris**

(Deg. & Deg., 8/19/60 to displace Family 5, Jan. 15, 1940, 9/15/46)

(Aided by National Science Foundation)



Aug. 22, 1960.

Dear Dave:

The enclosed Brittonia 12(3): 170 - 175, 1960, article is of course not officially part of the NSF grant. Nevertheless, Isa & I thought you should see a copy as it mentions the Foundation.

The field work, in large part, was financed by NSF, and the results of such work (of which the Brittonia paper is but limited to a few genera of the many found) will eventually appear as properly illustrated descriptions in the Flora Hawaiiensis.

Our catch of plants, I believe, was worth the outlay of cash expended. We economized by being guests of young Ward Fleming, his influential plantation relatives, and others. Without such help, field work is prohibitive in cost.

Aloha,

*W. H. S. Gentry*

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*Dr. Otto Degener*

DR. OTTO DEGENER or  
DR. ISA DEGENER  
59-117, 1213 Drive  
Waialua, Hawaii

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*Dr. Otto Degener*

DR. OTTO DEGENER or  
DR. ISA DEGENER  
59-117, 1213 Drive  
Waialua, Hawaii

Aug. 27, 1960.

Dear Mr. Dutton:

Thanks for the bill, etc., for which I enclose cheque. Please return me ~~THREE~~ receipted bills: one for my files, one for N.Y. Bot. Garden files, and one for National Science Foundation files in Washington, D.C.

Please have the old zincos in a box for me when I pick up the job in a week or two.

Perhaps you can someday introduce me to Mr. Gora or some other garden page writer to see whether some of the zincos can't be reproduced with a semipopular article in the Sunday Mag. Section. It may help me sell some of my Floras, the cash therefrom being used for additional bot. Exploration and Advertiser printing.

The National Science Foundation inspector arrives in Hon., Sept. 20 to remain for a couple of days. Please have the next fascicle of mine printed, billed, and by me payed for by Sept. 15. To do all this would be a wonderful argument that the Degeners need more cash for their local bot. project from N.S.F. You have lots of copy already set up and some additional ms., pages.

Aloha,

*Wm. D. Degener*



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*Dr. Otto Degener*



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August 30, 1960

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Dr. Otto Degener



No. August 30, 1960

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Aug. 31, 1960.

Dear Mr. Kolkebeck and Mr. County:

Enclosed is the receipted bill for the last printing. As we have another fascicle at our B&B printers, I imagine you may as well mail us the balance of the 1960 NSF funds.

We are keeping expenses down to a minimum because of the one great financial hurdle ahead of us - having covers made for Book 6. Book 5 covers a couple of years ago came to 72 cents each; if anything, prices by this time have increased a bit rather than have become less. We do want a finished, properly bound Book 6 as end result of this three years NSF grant.

We had lots of fun with the Barksdales. Due to Isa's convalescence, we lunched at a neighboring inn rather than do all the cooking at home. Then I drove with the Barksdales alone to the most western end of our island, picking up water samples on the way for their Achlya and Saprolegnia studies. It is too bad they had not arranged to stop over on Oahu longer so that I could have taken them hiking in the native forest and to the colder mountain streams for additional water samples.

Our aloha to the Montagnes who we hope to see in Hawaii this coming winter, and to the Stearns who we hope will attend the Pacific Science Congress a year hence.

Original and copy of this letter go by two different mails - air for the light letter and surface for the one with the sample sheets - to guard against possible loss in transit of our report.

Sincerely,



No. Sept. 1 1960  
 Received of Dr. Otto Degener  
Twenty five <sup>no</sup>/<sub>100</sub> Dollars  
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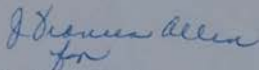
September 2, 1960

Dr. Otto Degener  
68617 Crozier Drive, Waialua  
Oahu, Hawaii

Dear Otto:

Thank you for sending me a copy of your recent article  
from Brittonia for my personal files. I am looking forward to  
seeing you in the near future.

Sincerely,

A handwritten signature in blue ink, appearing to read "D. Keck" with a stylized flourish.

David D. Keck  
Program Director for  
Systematic Biology

9/3/60

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3 7 5

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DR. ISA DEGENER  
68-617 Crozier Drive  
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St. Otto Degener

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— nineteen<sup>03</sup>/<sub>100</sub> —

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DR. ISA DEGENER  
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Waiialua, Hawaii

St. Otto Degener

No. — Sept. 9 19 60

Received of St. Otto Degener

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The New York Botanical Garden

BRONX PARK - NEW YORK 58 - NEW YORK - LU 4-8500

September 12, 1960

Dr. Otto Degener  
Waialua  
Oahu, Hawaii

Dear Dr. Degener: Re: NSF Grant No. G6377

Please find inclosed a third report on your NSF Grant, reporting period from Jan. 1, 1960 to June 30, 1960.

I trust you will find it in order if not please get in touch with this office.

We are having the hurricane "Dona" visit us today and there has been considerable damage in the City. This would be pretty mild to some of the ones that have come your way.

Hoping you and Mrs. Degener are enjoying the best of health.

Very truly yours,

  
S. W. McLernon

P. S. Mr. County is on vacation in Massachusetts and he has asked me to send the above to you when it was completed.



NATIONAL SCIENCE FOUNDATION

GRANT FISCAL REPORT

From: **The New York Botanical Garden**  
(Institution)  
**Bronx Park, New York 25, N. Y.**  
(Address)

To: Grant Administrator  
NATIONAL SCIENCE FOUNDATION  
Washington 25, D. C.

Date: **SEP 12 1960**

Report of obligations from NSF funds for grant number **6 6377**

Reporting period: **January 1, 1960** to **June 30, 1960** (Use dates)

Type report: Interim **X** Number **3** Final (Check one)

Item	Amount
1. Salaries and wages	
2. Equipment (permanent)	
3. Supplies, materials, and expendable equipment	
4. Travel	
5. Publication costs (Total - page costs, reprints, direct labor, etc.)	<b>178.00</b>
(a) Page costs only, if available	<b>1,498.31</b>
(b) Reprints, direct labor, and any other publication costs	
6. Other (Specify) <b>Postage</b>	<b>140.00</b>
7. Total direct costs - Add lines 1 through 6	<b>2,116.31</b>
8. Allowance for indirect costs - <b>15</b> % of line 7	<b>317.45</b>
9. Total obligations for above period - Add lines 7 & 8	<b>2,433.76</b>
10. Total obligations for prior periods	<b>1,238.31</b>
11. Total obligations to date - Add lines 9 & 10	<b>3,672.07</b>

COMMENTS (Continue on reverse side if necessary)

SIGNED: **Robert F. Holtschlag** TITLE: **Assistant Director**

Two copies of an interim fiscal report are due approximately six months from award date of a grant and at six-month intervals thereafter. Five outstanding commitments should be considered as obligations for the purpose of interim reports. Two copies of a final fiscal report are due as soon as possible after all costs chargeable to the grant have been incurred. The following certification, in the case of final reports, should be executed above, immediately preceding the signature of the official authorized to sign for the grantee institution: "I certify that this final fiscal report is correct and that the expenditures included herein are deemed properly chargeable to this grant." Two copies of this report should be returned by check payable to the National Science Foundation.

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Sept 14, 1960 NO. —

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Betricia C. Tuhn \$ 10 <sup>no</sup>/<sub>100</sub>

DR. OTTO DEGENER or  
DR. ISA DEGENER  
68-617 Crozier Drive  
Waiolua, Hawaii

and <sup>no</sup>/<sub>100</sub> DOLLARS  
Dr. Otto Degener

Sept. 16, 1960  
Dear Mr. McNeely,

Thanks for your Sept. 12 letter. Our figures, after the car insurance ~~is added~~ paid in New York is added on, jibe with yours.

Please tell Mr. Koltzebeck or Mr. Canney we are ready for the balance of ~~cash~~ NS & cash for 1960. We are permitting another fascicle of the Flora ~~the~~ in a couple of days, and that means a pretty stiff bill to pay.

We hope the hurricane did not harm the garden too much. We here don't fear ~~at~~ such storms, but the tidal waves can be pretty bad as we live at the beach.

We are looking forward to Day  
Rock's visit. Aloha,

Sept. 30, 1960.

Edwards Brothers,  
Ann Arbor, Mich.

Dear Sirs:

Oct. and Dec. 1945, while I was at the N.Y. Botanical Garden, you photo-offset 10,000 copies of my "Flora Haw. National Park."

I am completing Book 6 of my Flora Hawaiiensis. The covers must be similar to those of Book 5 of which I here enclose a sample. The design, of course, would differ. The cover should hold about 450 pages of No. 70 stock.

If you make covers like sample, please quote your price for 2,500 and for 3,000; and approximate freight charges to Honolulu.

If you do not make covers, kindly recommend some concern you consider good and reasonable. That combination is not found in the Haw. Islands.

Aloha,

*Samuel R. Hillebrand*



Sept. 23, 1960.

Dear Dave:

Now that you have been in the Islands - too be sure for only twodays - you have acquired a pretty good bird's eye view of conditions.

I guess you will agree with me that the Islands are just far enough apart to stimulate speculation and, unfortunately, to require costly plane fares for hopping from one to the other. The terrain is of such a character that I have concentrated in my field work in dashing up and down ridges, and up and down streambeds. The slopes in most cases are too precipitous to tackle and a waste of time when unexplored ridges are still available. Botanizing these knife-edge ridges and the ledge- and waterfall sprinkled streambeds is hazardous and only an idiot would navigate them alone. Labor prices are prohibitive - not like Fiji, for example - so that hikes are limited to what Isa can do with me alone, or to what some hiking enthusiast will do with me for the fun of it and hence without pay. Some vast areas surrounded by cliffs are absolutely inaccessible without a helicopter.

I was able to catch the last jitney - 5 o'clock - for the 35 mile drive home. Isa had kept the car for her 1 P.M., Waiailua Hospital appointment where she got medicine to try to dissolve the blood clot. It is evidently the aftermath of irritation from the glucose needle she had in that vein for two days a couple of months ago. I was a bit frightened - still am - and don't like to leave her alone in case such a thrombus should work loose to get stuck elsewhere.

Regarding the grant, we have published approximately 300 pages of Book 6 and have approx. \$5,000 remaining. With your present permission to ask for a renewal of the grant before the three years are up, I have sent Edwards Brothers of Ann Arbor a sample cover to get their bid on making the one for Book 6. Three thousand covers, plus collating, at Hawaii prices would come to about \$5,000. Perhaps Edwards can do better. Should some other grantees have discovered reasonable binderies, please have your secretary mail me the names and addresses.

Isa & I would like to produce for each grant a 400 - 450 page volume, but evidently we can't quite manage. Do you notice how sheets fall into place like the individual pieces of a jigsaw puzzle and the Flora is gradually taking useful shape? Reehinger in Ann. Naturhist. Mus. Wien 63 : 472 - 473. 1959, wrote a rather flattering review, mentioning the "Unterstützung der National Science Foundation." One sentence is a subtle

commendation: "Ein rascher fortschreiten des Erscheinen dieses unkonventionellen aber Ausserst praktischen und hochwillkommenen Werkes wäre dringend zu wünschen." He, of course, refers to our taking from 1946 to 1957 to complete Book 5. Since then, thanks to NSF, we should get Book 6 completed in three years. Book 5's delayed birth was entirely financial as our few rental units just keep us in fish and poi.

I am so proud of my juvenile "wisdom" in 1922 to have emigrated from my old home town of New York City to Hawaii. Next summer Isa & I will show you our Mokuleia Beach workshop. We have accumulated over 700 pamphlets pertaining to Haw. plants, and each genus mentioned in these pamphlets is listed on our filing cards. With this collection, our own source books, our own herb specimens & fresh material available in Oahu jungles, and two days per week in Bishop Museum library & herbarium, we can manage pretty well. Field work beyond Oahu is only practicable if Isa & I can wangle cash-saving advantages from "outside island" residents or do odd jobs there like hunting for Rauwolfia material for wealthy Mainland drug dealers.

In summary, then, Isa & I are overjoyed with the NSF grant, are conscientiously pinching pennies, and are trying not to pester you with trivial problems that we can solve ourselves as we realize you are swamped with work as it is.

Aloha nui loa from the both of us,

*Handwritten signature*

Oct. 1, 1960.

Dear Mr. Dutton:

Mr. Shootman is going ahead with the printing of additional pages of Book 6 of the Flora Haw. I took the batch of Aug. 8 packages the other day with the understanding that when Book 6 is pau, the pages are to be uniformly punched with 3 pukas and trimmed, for which work I have already paid ahead of time. That will result in a smoother and more uniform book than if this trimming work is done half a dozen different times.

Book 6 is almost three-fourths pau with roughly 300 pages printed. It is about time I searched about for a firm to attend to the next step. I used to collate and bind jyself here at the house, but want to avoid that drudgery if at all possible.

Please, on an edition of 2,800, quote me your bids for:

1. Collating 450 pages.
2. Collating and binding in the 3 Chicago screw loose leaf binder which screws and binder I would supply.
3. Punching and trimming approx. 100 packages (printed by Paradise which, due to bankruptcy, never got to punching & trimming their jobs).

Aloha,

*S. O. H. 2 years*

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Wailua



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Dr. Otto Degener

R. R. 1, Box 89

Waiialua, Oahu

Sept.

per invoices

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10/10/60  
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Cashman & Co

The New York Botanical Garden BRONX PARK · NEW YORK 58 · NEW YORK · LU 4-8500

October 20, 1960  
Air Mail

Dr. Otto Degener  
Waialua  
Oahu  
Hawaii

Dear Dr. Degener:

Please forgive me for not replying sooner to your letter of August 31. I was the one who held up sending you a check because I wanted to see whether we were following the new procedure that Mr. Montagne wrote to you about on June 11, 1959.

When I got your postcard I felt that we should not wait any longer for the figures and so we sent you an advance of \$1,000. Now I should like to try to summarize the figures so that we can follow the new procedure from now on. I shall try to keep it simple but there are a number of figures involved. Our records indicate that through June 30, 1960 you had spent \$5,592.64. The bill you sent with your letter of August 31 from Advertiser Publishing Co., Ltd., was for \$1,289.53. These two figures total \$6,882.17, which represents what you have paid out from the advances we have sent you.

Our records indicate further that our advances to you total \$7,800 as follows:

January 1959	-	\$1,200
April 1959	-	1,600
January 1960	-	2,000
June 1960	-	2,000
October 1960	-	<u>1,000</u>
Total		\$7,800

So that you will have an advance of \$2,000 against expenses we are enclosing a check to your order for \$1,082.17. In other words, advances to date of \$7,800 plus the enclosed advance of \$1,082.17 equals \$8,882.17 or \$2,000 more than you have spent. From this time on we will reimburse you for whatever bills you have paid in the exact amount of those bills. Obviously we will not reimburse you when you start to invade the \$2,000 advance.

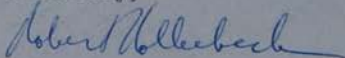
October 20, 1960

As you know, the grant provides for direct costs of \$13,650 which is your operating budget for the work you are doing. (Very deliberately I am trying to avoid your concerning yourself about the bookkeeping of the overhead which is 15% of direct costs or \$2,050.) We will not send you money beyond \$13,650 less whatever expenditures are made directly by the Garden for your grant. Such expenditures amounted to \$82.68 through June 30, 1960 and there are no other expenditures of this nature since then. The expenditures to June 30, 1960 were for insurance.

I hope all of this is clear. Please let me know whether your figures coincide with ours. And please do not hesitate to ask for further explanation if you need it. Once we follow the new procedure I think you will find everything quite straightforward.

I hope your wife is fully recovered and just as active as ever. My warmest regards to both of you.

Sincerely,



Robert F. Kolkebeck

RFK:md



THE NEW YORK BOTANICAL GARDEN STATEMENT OF ACCOUNT

INVOICE DATE

AMOUNT OF INVOICE

AMOUNT

ACCOUNT NO.

10/20/60

\$ 1,082.17

326-09

DETACH THIS STATEMENT BEFORE DEPOSITING CHECK

memo

to \_\_\_\_\_

Date \_\_\_\_\_

From \_\_\_\_\_

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putting together on - - - 700 =  
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Oct. 24, 1960.

Dear Mr. Kolkebeck:

Many thanks for your Oct. 20 letter and the enclosed \$1,082.17 cheque.

The Advertiser newspaper (which does our work now) had planned to print another fascicle more or less immediately some time ago and hence my early S.O.S., which you answered with the earlier \$1,000 cheque. Then they were suddenly swamped with political handbill and biurb orders for the Nov. State & Federal elections, and my fascicle was shoved aside. This political printing has about ended and the printers 'phoned us to drop in at the shop. We are going tomorrow to correct the very last proof. So can soon expect another batch of Flora Haw., sheets and a receipted bill.

With the second \$1,082.17 cheque in our hands we have the courage to go on a field trip to the Island of Kauai for several weeks. We will ship our equipment loaded up in the car.

In general, the NSF cash is not sufficient for much field work should we honestly pay our way. In this case we have such a bargain that we feel we should not lose this opportunity: Mrs. Ruth Hanner, presently in London, has a mountain house in a rather unspoiled jungle area on the Island of Kauai at 4,000 feet elevation. It is really rain-forest.

Today I received an answer to my "begging" letter. She will let us have the use of the cottage FREE provided we don't "gum up" plans of her relatives who may also want to use it some time. We are quite excited and feel like old Pegasus or mythology straining at the reins. Field work should be good until Xmas when the winter rains are apt to curb flower-ing. Without a free cottage, we would be stuck as the few hotels on Kauai cater to tourists and the prices are simply fantastic.

We shall 'phone our physician for an okay on our plans. I've still got that blood clot in her right arm. But she can more or less sit on the side lines while I and assistant or two snoop about for bot. prizes. An air force friend has offered to help if we pay expenses. Then, on the spot is a tabacky-chewing World War I (or is it Spanish-American War?) veteran and Napoleon, the horse, both of whom and which we may hire for hauling loot back to the cottage.

You can't realize how we crave getting into the field on an outside island.

When Dave Keck was here I explained our financial situation: that we may deplete our appropriation (due to high cost of printing, collating and book covers) before the three years have expired. He then reassured us that we could ask for renewal of the grant before the three years are up. Thus we could continue our project without interruption.

We just came back from the post office where we sent \$100 to Dr. Wimmer for Lobelia drawings he is having made for us in Vienna from material he has critically studied and which is in the herbarium there.

I mailed a cover of Book 5 as sample to Edwards Bros., Ann Arbor, Mich., for their bid on Book 6 covers. They have not yet answered.

With the new method of accounting, I hope provision is left for our having a couple hundred dollars "working capital." The Degen family is not on a salary so it would be difficult to pay for possible immediate car repair or for drawings @ \$10 that some artist may hand us. If stuck without working capital, we would be obliged to borrow cash from the bank or sell some stock, of course both nuisance and a waste of cash.

Oct. 28. We were at the Museum and at the printers to read proof, and stayed overnight in Honolulu. At the printer I got a tentative estimate for complete punching, trimming, collating and binding Book 6 at \$2,100. Edwards Bros., Ann Arbor Mich., has not yet replied to my Sept. 20 query regarding cost of making the binding. Perhaps they have gone out of business since they bound books for me 20 or so years ago. A few days ago, I therefore wrote S.K. Smith Co., of Los Angeles for the same information.

According to our accounts we received \$8,862.17 from NSF up-to-date, giving with your Oct. 20 letter. But you figure we spent \$5,592.64. According to our records for the three 6-month periods we have:

Jan. - June 1959	- - - - -	\$2,293.47
July - Dec. 1959	- - - - -	482.90
Jan. - June 1960	- - - - -	2,119.21
Total through June 1960	- - - - -	4,895.59

The discrepancy between your \$5,592.64 and our \$4,895.59 comes to the nasty sum of \$697.06. We thought perhaps car insurance or the 15% fee might account for this difference but even so the figures don't come out right. I hope Mr. McLernon can help us out. We are no experts in book keeping. Please let us know your reaction soon as \$696.06 is a pretty big sum.

We are going to botanize on the Island of Kauai Nov. 14 - we made reservations. We must buy new non-skid tires for the slippery mountain roads and get the car a bit checked. There is no Volkswagen agency on that island and any needed repairs would be difficult to have made by nonexperts. We might get pretty badly stuck.

Aloha,





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DR. ISA DEGENER  
68-617 Crozier Drive  
Waiolua, Hawaii

WAIALUA, HAWAII

52-117  
1213

PAY TO THE  
ORDER OF



*Cash*  
*one hundred and fifty*

*150*<sup>*no*</sup>  
*100*

DOLLARS

*Dr. Otto Degener*

Oct. 27, 1960.

S.K. Smith Co.,  
5260 West 104 St.,  
Los Angeles 45, Calif.

Dear Sirs:

I am completing Book 6 of my Flora Hawaiianis. The covers must be similar to those of Book 5 of which I here enclose a sample. The design, of course, would differ. The cover should hold about 450 pages of No. 70 stock.

If you make covers like sample, please quote your price for 2,500 and 3,000; and approximate freight charges to Honolulu.

Yours sincerely,

*Dr. C. C. Dyer*

DR. OTTO DEGENER or  
DR. ISA DEGENER  
68-617 Crozier Drive  
Waiolua, Hawaii

WAIALUA, HAWAII

59-117  
1213

PAY TO THE  
ORDER OF

*Patricia Kuku*  
*ten* <sup>no</sup>/<sub>100</sub>

DOLLARS

WAIALUA BRANCH

BANK OF  
HAWAII

*Thompson*  
*Paul*  
*Kupie*

*Dr. Otto Degener*



The New York Botanical Garden BRONX PARK · NEW YORK 58 · NEW YORK · LU 4-8500

November 2, 1960  
Air Mail

Dr. Otto Degener  
Waialua  
Oahu  
Hawaii

Dear Dr. Degener:

Thank you for your letter of October 24. I am sorry we gave you the wrong figures in my letter of October 20. Let me re-state the figures and try to explain them. Our records indicate that through June 30, 1960 you had spent \$4,852.40. The bill you sent with your letter of August 31 from Advertiser Publishing Co., Ltd., was for \$1,289.53. These two figures total \$6,141.93 which represents what you have paid out from the advances we have sent you.\*

So that you will have an advance of \$2,000 against expenses, you should have received \$8,141.93. You have received \$8,832.17, or \$740.24 more than you should have received under the new system. Mr. Countey will straighten out this difference as your bills come in and we reimburse you for them.

Speaking of bills, I shall send to Mr. Countey your letter of October 24 with the purchaser's receipt for \$100 which you sent to Vienna for the Lobelia drawings. In the future it would be helpful if you made out a slip for an item like this so that the slip would serve as a voucher - together with whatever receipts you may have.

I don't understand your saying: "With the new method of accounting, I hope provision is left for our having a couple hundred dollars 'working capital.'" Since you will have an advance of \$2,000 beyond expenses, won't this provide the "working capital" you seek? Perhaps I have misunderstood you in which case I know you will bring this matter up again.

As for your figures and our revised figures, let me try to explain the difference. Your total through June 1960 should be \$4,895.58. Mr. Countey says this includes an insurance bill that we paid directly of \$43.18. Subtracting \$43.18 from \$4,895.58 gives \$4,852.40.

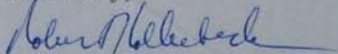
I was sorry to hear that your wife still had the blood clot in her right arm and I hope there will be better news about her soon.

\*In addition, expenditures made directly by the Garden come to \$82.68.

11/2/60

Thank you for being patient with us. I am sorry for the  
mistake in my letter of October 20.

Sincerely,

A handwritten signature in blue ink, appearing to read "Robert F. Kolkebeck", with a long horizontal flourish extending to the right.

Robert F. Kolkebeck

RFK:md



STATE OF HAWAII  
DEPARTMENT OF AGRICULTURE AND CONSERVATION  
LIHUE, KAUAI

Nov. 3, 1960

Dr. Otto Degener,  
Waiialua, Oahu, Hawaii.

Dear Dr. Degener:

I am pleased to learn that both you and Mrs. Degener plan to visit Kauai again.

You will notice quite a change at Kokee. The Navy has moved in and is constructing a missile tracking station on the ridge to the left of the main road between Halemanu and Kokee. The Air National Guard is also installing an air defense radar station in the vicinity of Kalalau.

What with all of the tourist tour groups each day, plus all of the construction going on, Kokee is not what it used to be.

Hope that you will drop in at our office after you arrive. We are now located at the old Lihue Grammar School site which is close to our original site.

Best regards and aloha to you both from Mrs. Duvel and myself.

Very truly yours,

A handwritten signature in dark ink, appearing to read "Albert W. Duvel".

Albert W. Duvel,  
District Forester.

AWD:ed  
enc

ENTOMOLOGY AND MARKETING  
FORESTRY

WILLIAM F. QUINN  
Governor



ANIMAL INDUSTRY  
FISH AND GAME


STATE OF HAWAII  
DEPARTMENT OF AGRICULTURE AND CONSERVATION  
LIHUE, KAUAI

Nov. 3, 1960

TO WHOM IT MAY CONCERN:

Permission has been granted to the bearer, Dr. Otto Degener and party, the right to collect botanical specimens for scientific purposes on all government lands located within the State forests of the Island of Kauai.

This permit will be effective for the duration of their stay.

  
Albert W. Duvel  
District Forester



ENTOMOLOGY AND MARKETING  
FORESTRY

WILLIAM F. QUINN  
Governor



ANIMAL INDUSTRY  
FISH AND GAME

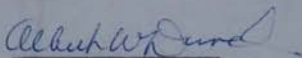
STATE OF HAWAII  
DEPARTMENT OF AGRICULTURE AND CONSERVATION  
LIHUE, KAUAI

Nov. 3, 1960

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This permit will be effective for the duration of their stay.

  
Albert W. Duvel  
District Forester

DR. OTTO DEGENER or  
DR. ISA DEGENER  
68-617 Crozier Drive  
Waialua, Hawaii

WAIALUA, HAWAII

59-117  
1213

PAY TO THE  
ORDER OF

WAIALUA BRANCH

**BANK OF  
HAWAII**

*Kanani*

*Nov 6* 19 *60* NO. *—*

*Hawaii Airlines* *82.00*  
*Eighty two* *80* DOLLARS

*Dr. Otto Degener*

Form 3813-P (4-54)

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POSTMASTER

By *29*

*49*

No. *93*

*Wien*

*Austria*



Waialae, Oahu, Hawaii.  
Nov. 9, 1960.

Dear Mr. Kolkebeck:

Following Mr. Montagne's early instructions, we immediately mail you receipts for bills in excess of \$25, and expenses below that sum we explain to you at the end of each six months' period. You are now adding to our accounts which we thought are to be balanced up to July 1, 1960, the Hon. Advertiser printing bill of \$1,899.53 which, according to our figuring is to be ignored until our Jan. 1, 1961 accounting with you. Please don't forget that in addition to the \$1,899.53 printing we have spent various small sums each less than \$25 for car, postage, equipment, drawing, etc., which altogether come to several hundred dollars for which we believe we are to give you the accounting Jan. 1, 1961.

Now coming to your Nov. 2 letter: the figures still don't jibe! As we see it, we spent \$4,695.53 and instead of the insurance of \$43.18 being subtracted from that sum, it should be added to it. According to our accounts, we never figured the \$43.18 as we never handled it. If figure, dealing with the insurance, we would come to \$4,695.53 plus \$43.18 or a total of \$4,738.76. The total of \$4995.53 plus the Advertiser bill of Aug. 31 (and hence to be figured we thought Jan. 1, 1961) for \$1,899.53 equals \$6,185.11, not as you have it \$6,141.93 because \$43.18 do not enter our accounting here in Hawaii at all.

Cash on hand June 30, 1960 was \$1,904.42 and since that time you mail us \$2,082.17. Total amount of cash received since the beginning of the grant is \$2,882.17 according to our records, which coincides with your figures.

You did not understand my fear, as expressed in your Nov. 2 letter in the fifth paragraph, about our perhaps being stranded without working capital. We meant that we might be stranded only after the \$2,000 had been spent, as we have almost daily little expenses such as postage for lobelia herb specimens sent to Wimmer in Vienna for drawings, or \$100 for drawings made locally, or gas to dash into mts., for a fern or verbena, or photostats of descriptions from USDA library, kerosene for drier, etc.

Right now we are expending WWF funds in hasty blobs as Saturday we leaved the car with equipment at Pier 24 for hauling by light-barge to the Island of Kauai and we follow by plane Monday at 1:50. We will have two assistants along. Personnel & car alone exceeds \$100. We are particularly fortunate, and that is why we are going now. A friend of ours owns a cabin in the jungly rain-forest at 4,000 feet elevation and is giving it to us free while she is on a visit in London! We will be pretty isolated with no stores, postoffice, electricity, gas nor telephone. The Forestry Ranger sometimes sells goat meat Saturdays. We tried to buy two mudgrip tires or tire chains for the car but could get neither. We shall buy all our provisions at the town of Lihue near the airport and will probably reach the cabin pretty late at night. We have Coleman kerosene lanterns - 7 of them - to dry the plants. We are afraid to carry gasoline, loose, about. We will be away about a month.

Please look on reverse of this sheet for orientation.

Aloha,

TELEPHONE 99-2951  
1347 KAPIOLANI BLVD.  
P. O. BOX 3050  
HONOLULU 2, HAWAII

CABLE ADDRESS: 'INSURANCE'

**BISHOP INSURANCE AGENCY, LTD.**  
GENERAL INSURANCE AGENTS

November 9, 1960

Dr. Otto Degener  
68-617 Crozier Drive  
Waialua, Oahu

Dear Dr. Degener

In reference to our telephone conversation, this is to confirm that you will be covered for both automobile liability and personal liability while on your trip to Kauai.

The limit of liability on your personal liability is now \$10,000.00 each occurrence and for this trip we are keeping you covered for \$100,000.00 each occurrence.

Since this increased coverage will be for a short period there will be no additional premium charge if no one is injured. In the event that there is a claim the policy will be adjusted.

Should you have any further question please let us know.

Yours very truly

*Charles Furuya*  
Charles Furuya  
Underwriter



Nov. 11, 1960.

Dear Dave:

Here is another fascicle of the Flora Hawaiiana, published today. The cash involved in producing it is a bit less than ordinary as many of the drawings were made and paid for 20 - 30 years ago and sold away by me for a day when I might be able to afford to print them. Two of the artists, the Chinese Robert Lee and the Japanese Kenneth Choru were my students at the University of Hawaii around 1920, and died decades ago! Another artist, whose name you will occasionally see on cards is Toshio Yamamoto. He was paroled to us from the sanitarium and died of TB while I was at H.V.B.G., in 1933-35.

We have packed just about everything except our toothbrushes. Tomorrow we deliver our car to the wharf stacked with our equipment such as driers, 2 house-doors to make the drier box, sleeping bags, blankets, sheets, lanterns, formalin, alcohol, vials, tins, jars, recapped tires (we tried our best to buy mud-grip tires or chains but they just don't exist on Oahu) and all the old hiking cloths we own. Then by slow pineapple barge it gets hauled to Nawiliwili Harbor, Kauai. We tried to get \$500 insurance on our contents for this week-end but the agent refused I fear because thefts on wharves are common. Well, anyway, I doubt any thief could make use of much we have packed except boots.

Because of the mushy lobelias we hope to collect esp. for Wimmer, we are a bit short of metal corrugates, and for another field expedition should order 100 or so more. The lobelias will tend to constipate the drier, but we will manage alright.

The car will be in Kauai Monday morning and we, to benefit by the family plan's cheaper flying rate beginning at noon, will get there about 2:30 P.M. We will be away three or more weeks.

We have another fascicle just about ready at the printers but due to this field trip, instructed date of publication to be Dec. 15. We must get home a few days before that.

We ARE a bit nervous leaving our home & rental units alone for long. During our Int. Bot. Congress trip and the recent one to N.Y.C., Ise's parents were here on a visit from Germany and held the fort for us. This time we have no one.

We are so extremely glad to get into the field again, and to escape from books & herb. specimens for a little while.

*C. T. Young*



# General Printing and Lithography

COMMERCIAL PRINTING DIVISION

## ADVERTISER PUBLISHING CO., LTD.

PUBLISHERS OF THE HONOLULU ADVERTISER—OWNERS AND OPERATORS OF RADIO STATION KGU

CABLE ADDRESS: ADVERTISER, HONOLULU P. O. BOX 5110 TELEPHONE 52917

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Dr. Otto Degner  
P.O. Box 187  
Waialua, Hawaii

Nov. 30, 1960

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YOUR ORDER NUMBER

OUR JOB NUMBER

350830

DESCRIPTION  
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ADVERTISER PUBLISHING CO., LTD.

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Line Neg. & Velox

1% Tax

\$ 1,009.35  
6.52  
\$ 1,015.87  
10.16  
\$ 1,026.03

## STATEMENT



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 HONOLULU 2, HAWAII

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 DR. OTTO DEGNER  
 P. O. BOX 187  
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NOV 30 1960

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						1,026.03 *

## EXPLANATION OF KEY SYMBOLS

 LD—LOCAL DISPLAY JB—JOB PRINTING  
 NA—NATIONAL LG—LEGAL  
 MS—MISCELLANEOUS CM—CREDIT MEMO  
 CS—CASH

THE HONOLULU ADVERTISER

 ADVERTISER PUBLISHING COMPANY  
 HONOLULU, HAWAII

RADIO STATION KGU

NATIONAL SCIENCE FOUNDATION

WASHINGTON 25, D.C.

November 30, 1960

Dr. Otto Degener  
68617 Crozier Drive  
Waiialua, Oahu, Hawaii

Dear Otto:

Thank you for sending copies of the new fascicle of *Flora Hawaiiensis*.

I was interested in your account of the preparations for the trip to Kauai. I hope that the collecting was very profitable and that you had a good trip. I was glad to note that Isa was well again and able to do field work.

With best regards,

Sincerely yours,



David D. Keck  
Program Director for  
Systematic Biology



WAIALUA BRANCH WAIALUA, HAWAII 59-117  
1213

**BANK OF HAWAII**

Dec. 6, 1960 No. —

PAY TO THE ORDER OF *Advertiser Publishing Co.* 1,026 <sup>03</sup>/<sub>100</sub>

*One thousand twenty six and <sup>03</sup>/<sub>100</sub> DOLLARS*

DR. OTTO DEGENER  
DR. ISA DEGENER  
68-617 Crozier Drive  
Waialua, Hawaii

*4/4/60* *Dr. Otto Degener*

DR. OTTO DEGENER or  
DR. ISA DEGENER  
68-617 Crozier Drive  
Waialua, Hawaii

WAIALUA, HAWAII 59-117  
1213

Dec. 5, 1960 No. —

PAY TO THE ORDER OF *Patricia Kitchin* 20 <sup>00</sup>/<sub>100</sub>

*Twenty <sup>00</sup>/<sub>100</sub> DOLLARS*

WAIALUA BRANCH  
**BANK OF HAWAII**

*2 draw.  
Bry.  
H.F.*

PAID 3 DEC 6 1960  
BANK OF HAWAII  
WAIALUA BRANCH  
59-117

*Dr. Otto Degener*

*No 5* 1960

Received of *Dr. Otto Degener*

*Twenty <sup>00</sup>/<sub>100</sub> Dollars*

*for 2 drawings*

*\$20 <sup>00</sup>/<sub>100</sub>* *Patricia C. Kitchin*

MADE IN U. S. A.



(Hale Regener)

WAIALUA, OAHU, HAWAII

Dec. 21, 1960.

Dear Mr. Kolkebeck & Mr. County:

Here are our NSF figures:

Total spent by us til June 30, 1960	\$ 4,895.58
Total spent by us from July 1 til Dec. 20, 1960	3,547.89
Total	\$ 8,443.47

Expenses (bills over \$25, July 1 - Dec. 20, 1960):	
Collating (Mrs. Struck July 5, \$35, Aug. 5 \$50)	\$ 85.00
Printing (Sept. 15 \$108.50, Nov. 30 \$1,023.03, Aug. 30, \$1,289.53 receipt already sent)	2,424.06
Dr. Wimmer lobelia drawings, receipt already sent	100.00
Haw. Air Lines Kauai field trip	82.80
Young Bros. car transportation	56.50
Groceries, equipment, etc. \$43.16, 49.26, 39.09	131.51
Total	\$ 2,879.87

Expenses (bills under \$25, July 1 - Dec. 20, 1960):	
Car, gas, oil, kerosene, repair	86.78
Transportation	38.00
Insurance for assistants	15.20
Collating	69.03
Drawings (excluding those paid by postal money ord.)	105.00
Food	65.42
Equipment, Coleman lanterns, etc.	125.33
Postage	162.66
Total	\$ 668.02

Cash on hand:	
July 1, 1960	\$1,904.42
Oct. 1	1,000.00
Oct. 20	1,082.17
Total	\$3,986.59
Total spent in (almost) six months	3,547.89
Cash on hand Dec. 20, 1960	\$ 438.70

As always, we are keeping the vouchers we have for purchases or services below \$25 on file should you ever want them. Only a very few are without vouchers as, for example, drawing material, formalin, etc.



(Hale Dyer)

WAIALUA, OAHU, HAWAII

Dec. 31, 1960.

Dear Dave:

Off the record, we had a wonderfully interesting three weeks on Kauai. We had just one day of rain and this luckily, was the day we did not botanize but attended the opening of the Kauai Museum in Lihue.

Botanically we concentrated in an area of Acacia forest, 100 acres of which are to be bull-dozed as an experimental planting for Pinus, Samanea & other exotics. The Pinus seedlings seem to be thriving so you know what that means: additional areas will be cleared of endemics for the harvesting of board feet. At least we have a representative catch of plants from the area so that workers in Museums at least will know what grew here. In the area we discovered a new species of Scaevola that almost mimics a Dodonaea & I guess therefore escaped observation for so long.

The picture, in general, is depressing. The bull-dozed areas are absolutely razed of all vegetation; while at higher elevations Ribes penetrans, introduced about 25 years ago, has taken over to make an impenetrable jungle crowding out all endemic seedlings. I walked all through this area without hindrance in 1926, but not so now. All the queer Diellias seen gone.

Wild pigs are not allowed to be shot in the area about Waimea and Kailua with result that much uprooting esp. of ferns is taking place. They were never so numerous. They could even be a menace to such as you and me, we almost bumped into a wild sow and family. She could have eviscerated us.

In a small gulch we seem to have discovered a new Clermontia and a new Cyanea in fruit but not flower.

We shall print one "bigish" fascicle probably Dec. 28 and then you won't get much evidence of activity from us as we must "digest" and label our Kauai catch. We have material esp. for Fosberg, Skottsberg, Wimmer, Sleumer, Stone & Sherff, and parts of material, dry & pickle, for ourselves.

We have written Koikebeck to mail us another NSF application blank as our funds will be jus about depleted with further collating and book cover charges. Book 6 is close to completion.

Everything is going well. Isa, in spite of the past major operation,

could do all but strenuous up and down hiking. So I alone, with the Kane assistant, climbed into a deep gulch for good Hibiscus material. We have enough, with pickled flowers, for a decent drawing. It is H. wainese Heller.

Greetings of the Season to your family and self from Isa and,

Yours truly,





(Hale Degener)

WAIALUA, OAHU, HAWAII

Here is a preview of the future: 1. The Volkswagen, bought second hand to begin with and in our possession five years, is showing signs of age thanks to the elements and the poor roads we take in order to get to collecting areas. It needs overhauling here and there; eventually it won't pay to have it repaired any further. 2. Dec. 28 the printer is scheduled to run off another big batch of pages for the Flora which will cost close to \$1,000. 3. We have collating expenses ahead of us. 4. We must have 3,000 book covers made for the almost completed Book 6, an expense of several thousand dollars. 5. We were short of corrugated metals during our Kauai field trip and need about 100 additional ones. In summary, then, the funds remaining from our second NSF grant are practically at an end. Please, therefore, mail me an application for a renewal of our grant so that I can fill it out properly and have it submitted to Washington in time for review and possible action. Dave Keck, when last in Honolulu, advised me to apply in just such an emergency for renewal to keep the project of the Flora Haw., going without interruption.

Please mail me additional cash to meet the forthcoming printing and other expenses.

Mrs. Degener joins me in wishing you both, the Montagnes and Mr. McLernon a Merry Christmas and a Happy New Year,

Aloha,

Dec. 26, 1960.

Dr. David D. Keck,  
National Science Foundation,  
Washington 25, D.C.

Dear Dave:

Here is another fascicle, published today, for Book 6 of the Flora Hawaiiana. The Flora has grown to about 575 pages by this time. Because of the high cost of the cover, we think we should get about 450 pages into it.

We shall drop most of our ms., work now and spend the time writing labels and identifying our Kauni catch; otherwise we would get swamped.

We read about the cold wave in the East and are sorry for you.

Aloha,

The New York Botanical Garden BRONX PARK • NEW YORK 58 • NEW YORK • LU 4-8500

CHARLES B. HARDING, *President*  
FREDERICK S. MOSELEY, JR., *Vice President*  
MRS. HERMANN G. PLACE, *Vice President*  
R. GORDON WATSON, *Treasurer*  
WILLIAM C. STEERE, *Director*

December 29th 1960

Dr Degener:

Enclosed is a check in the amount of \$ 1,518.12  
we arrived at this figure as follows:

Total amount spent 7/1/60 to 12/20/60  
( Your letter of 12/21/60) \$ 3,547.89 ✓

Less amount for which you were previously  
reimbursed  
( Advertiser Pub Co Ltd )

1,389.53  
2,258.36

Less amount more than you should have received  
( Re: Mr Kolkebeck's letter 11/2/60)

740.24  
1,518.12 ✓

TO RECAP.

Total amount you have received, including  
the attached check

10,400.29 ✓

Less your expenditures to 12/20/60 \*

8,400.29

ADVANCE

2,000.00

\* In addition, expenditures made direct by the Garden come  
to \$ 82.68

Sincerely,  
THE NEW YORK BOTANICAL GARDEN

*E. J. Countey*  
E. J. Countey  
Accountant

The New York Botanical Garden BRONX PARK • NEW YORK 58 • NEW YORK • LU 4-8500

CHARLES B. HARDING, *President*  
FREDERICK S. MOSELEY, JR., *Vice President*  
MRS. HERMANN G. PLACE, *Vice President*  
R. GORDON WASSON, *Treasurer*  
WILLIAM C. STEERE, *Director*

December 30, 1960

Dr. Otto Degener  
Waialeale  
Oahu  
Hawaii

Dear Dr. Degener:

We have received your letter of December 21 and the Accounting Department will send you a check to reimburse you for your expenses, in accordance with our recent correspondence.

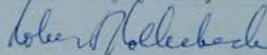
At Dr. Steere's suggestion I called Dr. Keck about the possibility of renewing your grant. Dr. Keck said that a new proposal should be submitted similar to the original one. He suggested that you spell out the background of your work since many members of the NSF panel that will consider the proposal will not be acquainted with what you have accomplished to date.

If you will send us a draft of the proposal we will work it up in final form and send it to NSF in the usual manner.

Enclosed is a booklet "Grants for Scientific Research" which may be helpful; and also a sample proposal: Dr. Steere's proposal of April 18, 1958 for his work on Arctic American Mosses - Their Systematics and Geographical Distribution. These two documents will give you all the information you will need on the raw material we will need from you before we can put the proposal into final form.

Dr. Steere and I are looking forward to hearing from you.

Sincerely yours,



Robert F. Kolkebeck  
Assistant Director

RFK:md

P.S. With further reference to your letter of December 21, please remember what I said in my letter of November 21: "You may send in bills whenever you like; you need not wait until any particular date."



RESEARCH PROPOSAL SUBMITTED TO  
THE NATIONAL SCIENCE FOUNDATION

for  
*Completion of Book 6 of the*  
Continued Publication of Illustrated Descriptions in the

"Flora Hawaiiensis or New Illustrated Flora of the Hawaiian Islands"

from

Dr. Otto Degener & Dr. Ida Degener

Mokuleia Beach

*Name, as per name on page 6 of descriptive booklet*  
The Oahu, Hawaii

1. Institution: New York Botanical Garden, Bronx Park, New York, 58, N. Y.

2. Principal Investigator: Otto Degener

3. Title of Proposed Research: "Publication of Flora Hawaiiensis" *Book 6.*

4. Desired Starting Date: The research is already under way with abundant specimens collected; support is desired to publish their illustrated descriptions as soon as this proposal can be activated *in Book 6*

5. Time Period for which Support is Requested: Five years *One year*

6. Budget Requested: \$44,832 *\$6,000*

Research Proposal to the National Science Foundation

Comp. Book 6

1. Institution: <sup>None</sup> The New York Botanical Garden, Bronx Park, New York, 58, N.Y.
2. Principal Investigator: Otto Degener, Collaborator in Hawaiian Botany
3. Title of Proposed Research: "Publication of Flora Hawaiiensis" <sup>Book 6</sup>
4. Desired Starting Date: The research is already under way with abundant specimens collected; support is desired to publish their illustrated descriptions as soon as this proposal can be activated
5. Time Period for which Support is Requested: Five years <sup>One year</sup>
6. Description and Background of Proposed Research: Thanks to Grant Number G2216 dated January 1956 and its renewal as Grant Number G6377 dated May 1958, the writer and his wife conducted field work as well as study in herbarium and library. As a result of these efforts, the "Flora Hawaiiensis or New Illustrated Flora of the Hawaiian Islands" has progressed through Book 5 into Book 6. The total number of published pages available to the public <sup>exceeds</sup> comes to just over 2,000. <sup>Book 6 is about 75% completed and paid for. Summons almost double.</sup>  
The Hawaiian Archipelago is so isolated geographically in the Pacific that of its estimated 20,000 - 30,000 different species, varieties and forms of Flowering Plants, all but a fraction of 1% are endemic. This high degree of endemism is not only limited to the Archipelago as a whole, but many taxa are limited to one isolated mountain summit, some arid ridge surrounded by a lush sea of vegetation, some darkly shaded gulch, or some isolated oasis in a barren waste of so lava.

<sup>must</sup> The continuous discovery and publication of novelties up to the present time indicate that our knowledge of the Hawaiian flora is still far from complete. Many such novelties are collected even in those areas that are rapidly being despoiled of all vegetation due to the ravages of feral goats, cattle, deer, swine, antelope and mouflon, the competition of weeds and of exotic trees planted by the State Government by 'plane and otherwise in the Forest Reserve, and the spread of agriculture. Such destruction of the native flora is continuing with ever-increasing fury, and cannot be stopped! Many species, collected by early workers, and even by modern ones like myself, are already extinct and known to us only from herbarium specimens. Many more are on the verge of extinction and should be collected and

preparing further publication of  
as well as existing and binding the  
Hawaiian plants

studied before it is too late. We owe to future generations a representative set of herbarium specimens of our unique Hawaiian flora that we, due to commerce, ignorance and vandalism, are rapidly exterminating.

Though the collecting, describing and illustrating of the native flora is of prime importance, the introduced flora must not be neglected. Exotics should be collected as herbarium specimens and preserved as proof of their arrival in the Hawaiian Islands at a certain date. Comparison centuries hence of these pioneers with their descendants in the Islands may give clues as to the rapidity of speciation and other evolutionary problems as yet unformulated.

But to pile up Hawaiian specimens in the main herbaria of the world as I have done since 1922 hardly advances the Science of Botany. The material should be made available as soon as possible in print to botanical institutions in the Islands and elsewhere, and to local schools. So that interested workers should not be obliged to wait many decades before a complete Flora Hawaiiensis becomes available, I publish fascicles of various lengths at irregular intervals, distributing 100 sets to them. The remaining copies are stored until a sufficient series accumulate for binding in book form.

The first fascicle appeared June 31, 1932, followed by 61 others and ending with fascicle 12/23/38 as rising printing prices exhausted my modest private fortune. The project was dying. Finally, in desperation, The New York Botanical Garden approached the National Science Foundation for help on my behalf in 1956, enabling Mrs. Degener and me to publish 24 additional fascicles with the result that Book 5 was completed and Book 6 to 381 pages of the planned 450. The present appeal for a 5-year grant is to complete Book 6, work up the material collected in the Islands with and without help of the previous NSF grants, and work toward completion of the Flora Hawaiiensis. Actually, this goal can never be attained because of the constant introduction, year after year, by accident and design of species that deserve inclusion in an up-to-date work. The loose-leaf character of the present Flora provides for just such a contingency.

(Torreya 33: 158), my specimens have been available for study to any qualified specialist anywhere.

9. Budget Estimate (5 years) The project would result in several books similar to Book 5, herewith submitted as sample. The printer chosen would be the newspaper, "The Honolulu Advertiser," which in the Hawaiian Islands owns the various fonts, such as italics, BOLD, French accents, needed. No funds are requested for additional research, typing, editing, indexing, travel, etc., but for full-page drawings, collating, binding, and making covers for three volumes in an edition of 3,000 copies. No other support is requested from the Foundation excepting for the appeal submitted May 15, 1961 for funds for continued field work. Books 1 to 4 were sold retail at \$3.50 each, but Book 5, because of higher prices, is being sold at \$5.00 retail. I believe Book 6 should be priced similarly. As in the past several hundred copies would be distributed gratis to institutions and colleagues, the remainder being offered for sale privately and through museum and other book shops. The cost of distribution is not included in the estimate below as it would be usually absorbed by the \$5 purchase price. From past experience and from records of past expenses submitted during the past five years for NSF files, I come to the following tentative summary:

as consultants  
for NIH  
investigators



7. Facilities: Our home on the Island of Oahu is available as our laboratory and study. There we have our collection of books and pamphlets about Hawaiian and non-Hawaiian plants, our microscope and other study and writing equipment, and two huge herbarium cases for storing material requiring immediate action as well as material no longer needed and hence awaiting shipment as gifts to 40-odd scientific institutions. In addition, Mrs. Degener and I, through the kindness of its Director, have the use of the library and herbarium of the Bishop Museum in Honolulu. Here are preserved many of our finds, deposited from time to time as gifts.

8. Personnel: Mrs. Degener and I, being childless, would be the permanent personnel, giving essentially full time to this project. Funds are not requested from the National Science Foundation for salaries. In fact, local experience indicates that the purchase of needed plant drawings from artists at prearranged prices is more economical than having an artist on salary.

*as we have accepted salaries positions as consultants*  
*and have been receiving*

	<u>BOOK 6</u>	<u>BOOK 7</u>		<u>BOOK 8</u>		<u>TOTAL</u>
	1961	1962	1963	1964	1965plus	
3000 book covers @ 72 cents	2160 (cover)	-	2160 (cover)	-	2160 (cover)	6480
Collating, binding, etc.	2000	-	2000	-	2000	6000
Drawings @ .25	Backlog available	1575 (63 drawings each for four years)	1575	1575	1575	6300
Sheets with 2 text, 1 cut @ .48		3025 (63 sheets each for four years)	3025	3025	3025	12100
Sheets with 2 text @ .35.75	1000	930 (26 sheets each for four years)	930	930	930	4720
Sheets with 1 text @ .21		440 (21 sheets each for four years)	440	440	440	1760
Salaries of - Drs. Degener	-	-	-	-	-	
<b>TOTAL DIRECT COSTS</b>	\$5160	\$5970	\$10130	\$5970	\$10130	\$37360
<b>INDIRECT COSTS</b>	1032	1194	2026	1194	2026	7472
<b>TOTAL</b>						64832

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Otto Degener, Principal Investigator

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William C. Steere, Director  
The New York Botanical Garden

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Robert F. Kolkebeck, Assistant Director  
and Business Manager,  
The New York Botanical Garden