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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.

To Otto and Tra Degeuer with much
admiration - Hugh H. Iltis

HUGH H. ILTIS, ORIE L. LOUCKS, and PETER ANDREWS

Criteria for an Optimum Human Environment

Almost every current issue of the major science journals contains evidence of an overwhelming interest in one urgent question: Shall a single species of animal, man, be permitted to dominate the earth so that life, as we know it, is threatened? The uniformity of the theme is significant but if there is consensus, it is only as to the need for concern. Each discipline looks differently at the problem of what to do about man's imminent potential to modify the earth through environmental control. Proposals to study ways of directing present trends in population, space and resource relationships toward an "optimum" for man are so diverse as to bewilder both scientists and the national granting agencies.

ARROGANCE TOWARD NATURE

It is no thirst for argument that compels us to add a further view. Rather it is the sad recognition of major deficiencies in policies guiding support of research on the restoration of the quality of our environment. Many of us find the present situation so desperate that even short-term treatments of the symptoms look attractive. We rapidly lose sight of man's recent origins, probably on the high African plains and the natural environment that shaped him. Part of the scientific community also accepts what Lynn White has called our Judeo-Christian arrogance toward nature, and is gambling that our superior technology will deliver the necessary food, clean water and fresh air. But are these the only necessities? Few research proposals effectively ask whether man has other than these basic needs, or whether there is a limit to the artificiality of the environment that he can tolerate.

In addition, we wish to examine

In his arrogance toward nature, man is gambling that his superior technology will provide the essentials of food, clean water and pure air. What are the risks of such a gamble? Are these the only necessities? Drs. Iltis and Loucks are professors of botany at the University of Wisconsin, Madison. Mr. Andrews is an affiliated student in archeology and anthropology, St. John's College, Cambridge, England.

which disciplines have the responsibility to initiate and carry out the research needed to reveal the limits of man's tolerance to environmental modification and control. We are especially concerned that there is, on the one hand, an unfortunate conviction that social criteria for environmental quality can have no innate biological basis—that they are only conventions. Yet, on the other hand, there is increasing evidence suggesting that mental health and the emotional stability of populations may be profoundly influenced by frustrating aspects of an urban, biologically artificial environment.

There have been numerous proposals for large-scale inter-disciplinary studies of our environment and of the future of man, but such studies must have sufficient breadth to treat conflicting views and to seek to reconcile them. We know of no proposal that would combine the research capabilities of a group studying environmental design with those of a group examining the psychological and mental health responses of man to natural landscapes. The annual mass migration of city man into natural landscapes which provide diversity is a mat-

ter of concern to the social scientist, whose research will only be fully satisfactory when joined with studies that quantify the landscape quality, the psychology of individual human response, and the evolutionary basis of man's possible genetic adaptations to nature. The following summary of recent work may provide a basis for scientists in all areas to seek and support even greater breadth in our studies of present and future environments for man.

"WEB OF LIFE"

Two major theses are sufficiently well established to provide the positive foundation of our argument. First, we believe the inter-dependency of organisms, popularly known as the "web of life," is essential to maintaining life and a natural environment as we know it. The suffocation of aquatic life in water systems, and the spread of pollutants in the air and on the land, make it clear that the "web of life" for many major ecosystems is seriously threatened. The abrupt extinction of otherwise incidental organisms, or their depletion to the point of no return, threatens permanently to impair our fresh water systems and coastlines, as well as the vegetation of urban regions.

Second, man's recent evolution is now well enough understood for it to play a major part in elucidating the total relation of man to his natural environment. The major selection stresses operating on man's physical evolution have also had some meaning for the development of social structures. These must be considered together with the immense potential of learned adaptations over the entire geologic period of this physical evolution. Unfortunately, scientists, like most of us moderns, are city dwellers dependent on social conventions, and so have become progressively more and more isolated from the landscape where man developed, and where the benchmarks pointing to man's survival may now be found. They, of all men, must recognize that drastic environmental manip-

Waiakua, Oahu, Hawaii 96791.
Feb. 29, 1970.

Dear Mr. Reed:

Mrs. Dornier & I have a \$25 drawing of a naturalized *Anemone* "lying fallow" in the house because we cannot with certainty identify the taxon. In our attempt to do so, we spent 60 miles of for a look at the Bishop Museum's New Index.

There we found reference to what we suspect the plant to be:

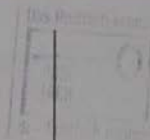
Anemone limchensis (Hort.) Hort. ex Boynton in *Addisonia* 16:33. 1931. May we have a xerox of the pages involved?

I was so surprised to note that my friend Kenneth Boynton had written this. He was very affable, but unfortunately started drinking, finally to excess. Dr. Britton warned him repeatedly, and finally just had to let him go. I guess the poor fellow succumbed to drink long ago.

I doubt the Garden subscribes to this, mostly ecologically, magazine so am mailing you this copy in which one of our modest articles appears. We are trying to keep our biologically ignorant Legislators from liberating deer for the sake of a few hunting voters on the Island of Hawaii.

sent
USDA
3/25/70
Alona,

? *Wilhelmus Le Moine* ?



Dr. Otto Degener

68-617 Crozier Drive
Waialua, Oahu, Hawaii

U.S.A.

BOTANISCHER GARTEN
UND BOTANISCHES MUSEUM
BERLIN-DAHLEM
1000 Berlin 33
Königin-Luise-Str. 6-8

Berlin-Dahlem, den 15.4.1970

Mit bestem Dank bestätige ich den Empfang Ihrer Veröffentlichung(en):
I wish to acknowledge with thanks the receipt of your publication(s):

Cyanea carlsonii Rock and the Unnatural
Distribution of Sphagnum palustre L.

Mit freundlichen Grüßen

Th. Eckardt

(Prof. Dr. Th. Eckardt)



MUSEUM
NATIONAL D'HISTOIRE NATURELLE
(BOTANIQUE-PHANÉROGAMIE)
16, Rue Buffon, PARIS V^e

La Bibliothécaire du laboratoire
remercie le Dr. Otto DEGENER
pour l'envoi de ses tirés à part

CARTE POSTALE



M. Otto DEGENER

68-617 Crozier Drive
Waialua
Oahu
Hawaii

6,000,000 dollars. I hear they have carpet on the floors
& hair dresses. Carpet on the floors ^{of the H. Sch.} seems silly to
me. I have it on my kitchen & like it. This H. Sch. is
making our tapis go up a "ten acre lot." It has stopped
snowing. So much snow may make floods. The high
way dpts. were out all nt. The roads are slippery &
impassible in some of the roads. - I was 34 yrs.
old on the 27th of Jan. Came down with the flu
by a few days before. It wasn't as serious
as it might have been but was in my shell
for a few wks. Guess I better ring off. I'm
always lonesome without Carl & Minnie &
think of how he loved his work & enjoyed the
plants you sent him. Sorry he worked so
hard but he loved it. Seems ^{most} all people
think of here is hunting, fishing & sometimes
hiking & skiing. A friend in the U. of Idaho
at Moscow says it is too much that way in
there. Hope all is well with you
two.

Love & admiration for you,

Fern.

Apr. 2nd '90

Dear Ottocarl & Sa:-

I'm in the land of the
living!! I often think of you but you seem
so far away but I wonder how you are
fairing. I seem to be holding on still. I was at
the Dr's yesterday & he tested my blood, pres-
sure, etc. he said they were perfect & he wished
his were as good. I'm never up to par & feel
bad a great share of my time. I go to
quite a few activities and try to forget
my troubles. Read there was quite a
lot of storms around Oahu & hope the ele-
ments didn't prove any trouble to your
home. - Last Thurs. we had a real snow
storm & everything was tied up for a
day. No mail service or any activities.
First time such a storm ⁱⁿ this '90. Now
it started again last nt. & this is a beauty.

with the trees all covered and it is really snowing & drifting. I have plenty of supplies in the house
so I really ^{can't} be thankful but I don't like it. I always have had to be flown out 3 times ~~every~~ winter
by the Gulf Oil Station every winter since Earl passed away but thought it was so late in
the season there would be no hiring as we haven't had as much snow as in other places around
here. Vera the girl (17 yrs. old) staying with me. Shovelled a path out to the road & one for our
mail-carriage after the last storm. It melted away mostly in a short time. We really thought
we had Spring with Crocuses blossoming & tulips showing up. I receive the magazine from
Field Museum & one can find plenty of good reading on days like this. Vera works out
& her time is mostly filled up helping high school teachers & they have a very good one but
to-day she can't get out & she is like a fish out of water. She has a wonderful ^{late Singer} portable
sewing machine & has made me a very pretty house dress on her odd time. ^{the first time} She really is
very neat & kind. She helps a considerable. I got used to living alone & really liked it.
I could fight with myself any time I ever was afraid. Many of my friends go to Fla. &
Ariz. or Cali. in the winter. They will be sorry if they come back now. A man
from the University (U. of Michigan) was here ^{recently} & spent the day with me. I took him to the Cemetery
& showed him around Hastings. He thought it was pretty here. They do some snow m-
beling across from my home. It seemed most of my company came in early Oct. last since
me ^{or from} glad it didn't conflict with my going up as far as Margate to see the gorgeous
coloring, leaving here on the 15th. - We have new H. Sch. about 3 blocks away which has cost

April 6, 1970.

Dear Dr. Eichler:

We are back at Volcano, Island of Hawaii (not at Wai-
alua, Island of Oahu) and have just received your letter, your ms.,
and Mrs. Szent-Ivany's expert drawing. It certainly shows everything
we need, due we are sure to your advice to her.

Our village post office does not sell money orders, but in a few
days we shall drive to Hilo, 30 miles distant, and buy the \$25 order
from its main post office. Mrs. S's drawing is so expert, Mrs. D. & I
wish to ask her whether she will make one for us of an endemic mint.

Our R. plab. plants are growing merrily in our garden, and are
dangerously reseeding themselves. We shall religiously gather all &
make herb specimens of them before they catch hold in this area. We
have enough weeds, as it is.

The R. I know from my youth in the Eastern US were so horribly scrid,
but the leaves of R.p. are quite bland! to the taste. I wonder whether
cattle eat this species like any other wild plant in the pastures.

We did not mention R. repens in the ms., because you years ago
questioned whether we actually have that species in the Islands. En-
closed is the best we could gather this morning along our roadside -
sorry no achenes. Can you tell anything from this scrap. You can be
sure we shall collect better material for you when we come across it.

Is there anything more we could tackle together? The B. Museum in
Honolulu has thick folders of the endemic R., but I don't know if they
would lend them out for study. They, as well as Mrs. D. & I, want to
produce a Flora, and I guess we are nasty competitors.

We had such an interesting New Zealand trip. Perhaps we shall visit
your Continent some year.

I mailed the R.p., ms., to the printer this morning. The drawing I
am keeping until a few more accumulate to mail to him. I would then
send everything of such value by registered or insured mail.

Aloha.

STATE HERBARIUM OF SOUTH AUSTRALIA

Telephone 23 3038

All correspondence to be
addressed to the Keeper

HE:BAW
Our Ref

Botanic Garden, North Terrace
ADELAIDE, S.A. 5000

31st March, 1970

Dr. D.O. Degener,
Waialua,
OAHU, Hawaii

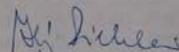
Dear Dr. Degener,

Apparently I have not written to you since 15th January and did not reply to your letter of 24th January, following which I now engaged Mrs Szent-Ivany to draw your number 31,983. I have completed a description (as your co-author) of Ranunculus plebsius R.Br.ex DC. for your Flora and enclose the draft manuscript with the drawing. This needs, of course, editing in order to conform with the style of your Flora. Mrs Szent-Ivany's bill for US\$25.00 I enclose herewith. The drawing, which I hope you will find satisfactory, with the ms., is being sent under separate cover by air-mail.


I hope you have fully recovered from the storm damage of which you wrote in your last letter and especially that you and Mrs Degener are well.

With kind regards,

Yours sincerely,


(H.J. Eichler)

Encl.

P.S.: Mr. Lothian recently passed on to us four Hawaiian herbarium specimens which he had received from you and which I acknowledge with thanks. 

it is better for me to have a companion. She is
47 yrs old - I find everything expensive.
living. The cabin had to be changed. They
said the oil workers getting soft & immoral,
drinking. That the garage there has to be re-
built to coincide. We didn't get to do it last
year so I decided to leave just got rid of my
fall! A dear friend told me just got rid of
9 & 10 having them resubstantiated at \$1.98 by
mine done 5 yrs ago the same time they
was supposed cost the same material? She
has kept those mice yes but has found
chicken those much of the time. Cost \$6.00.
ooo H. Sel. as bumping bus stops up & every
thing has been lowered. What else will
lead to something. Most from little is different
but at what they can't be seen don't get away! It must
be interesting to hear a good night's sleep with his family
A man from Birmingham, Alabama says from all money
time until long ago. There was no fruit, like this big one
there were many temples on the coast - "Mummers"
were here. With very few reports &
(over)

Grove,

Dear Otto ^{Thurs April 23rd 1841} ₁₈₄₁ "Your very interesting
letter came and I have read & heard it. I'm
sorry you were could come to see us. I'm
still very lame at times & every day and
I dream of Carl and Mine so often. —
We are having a very cool spring here, the
frost is out all and it's spring this morning.
but it is windy and cool for this kind of
the yr. I guess you were saw that he
was mostly a collar. He had such beautiful
"cow eyes" & such a beautiful neck & head
face. If I was in your situation in the winter
I'd probably get this for a stray dog, would
be coming & looking at it. He was such a good
boy & he would get rid of him. "He himself
wasn't there a day. He followed him 3 times
up to the college & then the dog catches

just as I was going in the college
got him. I call called me up right away & I and a neighbor went to the dog pound. He was
very back away from the other dogs in the pen lying down & afraid (but for the dog he was only
a yr. old when we got him). We got him home & after I could get him down we gave him a bath, then
when we had washed a beautiful long dog we had. He was so nice for mine & was always by
mine's ^{side} when I would come home from the store. He lived 13 yrs. & it was then after much
sorrow we had to have him put to sleep. He was ^{an} Italianian & said he was around 75 yrs. old & really
old. I know how you feel about your loss of your dog. I still keep up more or less
to my mind as they say. It is happy that I could go to the Woman's Club this past
winter & spring & to some other activities such as the Garden Club, which I like the
best of all. Going to spend a few days in Portage really a part of Kalamazoo. ^{the 17th}
The worst part of my Euphonia is my sleeping. I don't like the way I'm doing.
I have to take a nap, that is a doctor's prescription now & then & sometimes I don't sleep
at all. No matter what I do. The doctor says such as suffer more but a jump in blood
sugar were much suffered terribly for some time before it was fatal. I have been
X-rays my lungs are in a bad way. I have a girl staying with me. She was work-
ing down the street & came up here thought a friend to see if I would like
to have her stay with me. I took her on a trial basis. She is helpful but is not here
all the time. She works out mostly for teacher & social days a week. She gets \$1.50 a
hr. 8th. as at one place. I really was enjoying being alone, but most friends think

DEPARTMENT of the INTERIOR

news release

NATIONAL PARK SERVICE

Waindel (202) 343-4214

For Release Wednesday, May 6, 1970

NEW NATIONAL PARK ENVIRONMENTAL STUDIES LAUNCHED AT UNIVERSITY OF WASHINGTON

The National Park Service is setting out to learn more about the relationship of parks to man through extensive environmental and sociological research, Secretary of the Interior Walter J. Hickel announced today.

To launch the program, Secretary Hickel announced that the University of Washington's College of Forest Resources in Seattle has signed an agreement to cooperate with the Service in studies of the ecology, resources management and sociology in National Park System areas in Washington State and elsewhere.

"Certainly the Nation needs more skills in the care and treatment of our wounded environment," Secretary Hickel said. "To help locate and develop those skills, we have tremendous outdoor laboratories at the doorstep of the University of Washington -- Olympic, Mount Rainier and North Cascades National Parks, plus the Lake Chelan and Ross Lake Recreation Areas in the North Cascades complex.

Dean James S. Bethel of the College of Forest Resources said a special thrust of the new program will be the expansion of graduate study to develop teaching and management skills in park and wild land administration.

Initially, the program will support three doctorates on the University faculty -- two in biology (zoology and ~~botany~~) and a sociologist.

Secretary Hickel said that the University of Washington's computer center will be utilized by the Park Service in sociological studies of the relationship of people to the park environment.

Dean Bethel who also serves as president of the Association of State College and University Forestry Research Organizations, commented:

"The University of Washington and the National Park Service have long enjoyed an informal association in the exchange of ideas and personnel. Many of our graduates find careers in the Service, and several Service people have taught at the University. The new agreement will provide new dimensions in teaching and research in environmental and ecological studies and in outdoor recreation."

x x x

24504-70

* This is the position I shall fill

AIR MAIL
PAR AVION

O. H. M. S. Y.
7 MAY
POST CARD
N.Z.

ROTORUA
THE THERMAL
WONDERLAND

IN 7 2

DR OTTO DEGENER,
68-617 CROZIER DRIVE,
WAIALUA, OAHU,
HAWAII 96791

11 MAY

1970

I should like to acknowledge with thanks receipt of the following publication(s):

Miscellaneous botanical publications
(- handed to FRI Botanist)

G. Z. Weston

Queensland Herbarium,
Meiers Road,
Indooroopilly, 4068,
Brisbane, Australia.

25th May, 1970

To:

Dr. Otto and Isa Degener,
68-617 Crozier Drive,
Waialua,
Oahu,
HAWAII. 96791.

Receipt is acknowledged with thanks of the following publications:-

Hawaii's Vanishing Native Plants, *Cyanea carlsonii* rock
and the unnatural distribution of *Sphagnum palustre* L.

Miscellaneous sheets from *Flora Hawaiiensis*.

for Thamer
S.L. Everist
GOVERNMENT BOTANIST

BERNICE P. BISHOP MUSEUM

Honolulu, Hawaii 96819. Telephone 855-951

Mailing Address: P. O. Box 6037, Honolulu, Hawaii 96818

July 6, 1970

Drs. Otto & Isa Degener
P.O. Box 154
Volcano, Hawaii 96785

Dear Drs. Otto & Isa Degener:

It was a pleasant surprise to receive the book "Naturalist's South Pacific Expedition: Fiji" and the reprints on Hawaiian Flora. I hurriedly read parts of them - I know that I shall enjoy reading the book. Since I shall be on vacation, this is something I can do. Looking forward with much pleasure to reading the most interesting account of your expedition. Thank you so very much! Your thoughtfulness is greatly appreciated. I will share it with others on the staff.

Since pages 89-104 are missing from the book, I could not refer to page 94 (reference to your note about doodlebug pits).

In regards to the *Onychiurus* species, Dr. Bellinger is still checking it out. He has to compare the specimens with some others before confirming the species. So I shall let you know after I hear from him.

We are starting the Hawaii Terrestrial Biology Subprogram of the IBP with Dr. Gressitt, Dr. Berger and Dr. Mueller-Dombois as co-directors with 30 other scientists from the University of Hawaii and Bishop Museum participating. The study will be in the National Park Service area of the Volcano. We have hired a field manager of the project (Mr. So) who will be headquartered there. Dr. Gressitt is looking for a house for rental by Mr. and Mrs. So and two boys (I think). If you know of one, will you please let Dr. Gressitt know. We should appreciate your help very much.

With best wishes, and mahalo for the book and reprints,

80

Anniversary of Achievement

Sincerely yours,

S. Nakata
(Miss) Setsuko Nakata
Administrative Assistant
to the Chairman
Entomology Dept.

PHNP ed. 1 \$15.00 offer

UNIVERSITY OF HAWAII

College of Arts and Sciences
Department of Botany

July 10, 1970

Dr. Otto Degener
68-617 Crozier Drive
Mokuleia Beach
Waiialua, Oahu 96791

Dear Dr. Degener:

This is to acknowledge with many thanks your recent shipment of publications. I was glad to receive them.

I notice your slight disappointment in your Taxon paper with the IBP intentions. I agree with your viewpoint. Our IBP program has now been funded and we have started to work on it since July 1st. I am the Scientific Coordinator and one of the Co-directors together with Drs. Gressitt and Berger.

There is currently no plan to pursue a separate writing of a so-called "Flora Hawaiiana". If it were planned, your work would be one of the major resources for it. I agree with you that such a title would be extremely confusing and ill-conceived and I will see to it (as far as I can) that your life-long painstaking efforts are not overlooked. However, it would be extremely useful to have a more complete handbook that brings together everything that is known so far about the taxonomy of our flora, even though information on much of the taxa that you have not yet treated may be incomplete and subject to later revision.

I enclose some papers of mine that you may be interested in.

It was nice meeting you again recently.

The very best regards, also to Mrs. Degener,

Yours,

Dieter Mueller-Dombois

Dieter Mueller-Dombois
Associate Professor of Botany

DM-D:cyh

Enclosures: "Ecogeographic analysis of a climate map of Ceylon..."
"Comparison of east-flank vegetations..."
"Ecological relations in the alpine and subalpine..."
"Soil-vegetation relationships in Hawaiian Kipukas"
"Two new mosses from Hawaii"

Plant Science Building - Room 101 - 3190 Maile Way - Honolulu, Hawaii 96822 / Cable Address: UNIHAW

Waialua address has changed to

UNIVERSITY OF HAWAII

July 17, 1979.

Dear Dieter M.-D.:

Many thanks for your publications - we never knew you published about Hawaii excepting for the worth while part of the Atlas.

Having run locally into some strange creatures like C.G., with his Scaevola steal, Isa & I thought an outlay of \$70 to have out titles registered in Washington would be good insurance against a possible headache later. If any one wants to print - how about you? - in joint authorship some illustrated taxonomic gem in the Flora Hawaiiensis or Fl. Hawaiiensia, we usually agree to it. But so far as Isa & I finance and own the work, we see no reason we cannot be choosy about our associates. We avoid Dreckfolk.

It is strange how Plant Ecology, Plant Taxonomy and Forestry are so circumscribed that they hardly overlap any where. You never have occasion to cite our taxonomic writings in your bibliographies, and Isa & I see no excuse to cite yours as plant ecology seems more like Soil Science or a branch of Geology.

I did engage in a form of Plant Ecology in my youth is using a thermometer includes my research in that discipline and, I fear, not citing this paper is an indication that the Atlas needs revision. If this paper about Kilauea is missing, how many others are missing also? The taxonomic part in my field is a disaster which, if taken seriously, will set Haw. Taxonomy back 100 years - the time of Hillebrand who left the Islands just a hundred yrs ago (not counting months).

Does not the University own a run of the Bot. Gaz.? Please read my article - 80:26-47, 1925.

As you have no doubt caught; Canna is not a grass.

Aloha,

1246 Saxonburg Blvd.
Glenshaw, Pa. 15116
July 13, 1970

Dear Dr. Degener

I was in Hawaii a few weeks ago, with hardly more time than to change planes, and talked a bit with Robert Wenkam. He suggested I write you concerning the questions I had asked him.

I am spending the summer, at least, in writing a book for my honors thesis for Harvard College. Not that I have to write a book, but I want to. I spent the spring in the Galapagos, learning of the environmental problems there for my thesis, and it was then that I decided to write a book. The problems there are not too bad yet, but danger signs are everywhere.

I have been struck with the similarity in problems that all remote islands face. Particularly, I am interested in Hawaii as an example of a rather advanced degree of change and disruption. I would like to be able to use it as a comparison to the Galapagos in my book, to show in general terms where the Galapagos is headed, unless there is some fast action.

~~NOTES~~ The problem is in finding sources I can use to tell me what ~~ARE~~ ^{is} in Hawaii (I already know that some of the same species are present as pests, in the plants and animal worlds), what it is doing, for how long if known, and so on. Perhaps you could point me to some literature on introductions and other conservation problems where I could begin to dig. I have been having difficulty especially in the plant area.

Thank you ~~you~~ very much for your time.

Sincerely,

Robert C. Eckhardt
Robert C. Eckhardt

Dr. Theodor Philipp Haas .

LANIOLU, Apt. 807,
333 Lewers Street,
Waikiki - Honolulu,
Hawaii 96815.

Den 20. Juli 1970.

Liebe Degeners!

Das Herbar-Paket mit dem Brief habe ich bekommen. Leider kann ich aber in meinem Schloss nichts damit anfangen. Ich behalte es daher wohlverschlossen, bis Sie zu mir kommen können. Die Compositen sind übrigens schwer zu bestimmen, auch Sonchus.

Bitte, lesen Sie den beiliegenden Artikel. Kennen Sie die böse Pflanze? Hogweed steht nicht in meinem Wörterbuch und Hawkweed, Hieracium, ist es auch nicht. Ich kenne die Pflanze und habe ihren Namen bereits meinem Freund geschrieben. Bitte, nicht wegwurf! Hoffentlich ist es in Volcano so schön wie in Waikiki. Auf baldiges Wiedersehen und viele Grüsse

Ihr

Theodor Philipp Haas

[Formerly of Munich
and Philadelphia]

PAR AVION 航空郵便



Dr. Otto Degener

Maialua, Oahu

Hawaii

U.S.A. 96791

Drs. Otto & Isa Degener
P. O. Box 154 Volcano
Hawaii 96785 U.S.A.

つぎに ここを おる Second fold here

差出人郵便番号住所氏名
Sender's name, address and postal code

Noriwo Takaki

Biological Institute

Department of General Education

Nagoya University

Chikusa-ku,

NAGOYA JAPAN

この郵便物には なにも入れたりはりつけたりすることはありません

Nothing may be attached

To open cut here



Dear Drs. Otto Degener:

July 31, 1970

Excuse me for having not written to you so long. Thank you very much for your kind sending of the many (43) specimens of Hawaii, Fiji and Scotland including some mosses, and many your important publications, which I have just received in very good condition. I am enjoying to see these curious exotic specimens

I am pleased to know you all are very well and are working actively as usual. The seeds of Morinda you sent me germinated well in our greenhouse, and we are looking forward to see their good result.

After long disturbances, the quiet came back again to our University campus. But still we have so many things to solve on the University problems. I am now one of the members of the committee for student problems. It is indeed the most troublesome one among all committees we have in our University. I came home often on midnight, after long hours for the negotiation with the excited students. We are now in summer vacation for one month and half since 20 of this July. It is only the time for me to escape from this troublesome duty. I am planning to climb Mt. Fuji and some other high mountains of the Central Japan in this summer.

I am sending reprint of my work under separate cover. With many thanks again and kind regards, I remain.

Yours sincerely,

Noriwo Takaki
Noriwo Takaki

AEROGRAMME

BY AIR MAIL - PAR AVION



Dr Otto & Lea Degener
P.O. Box 154
Volcano
HAWAII 96785
U. S. A.

(COUNTRY OF DESTINATION)

Approved by Postmaster-General
for acceptance as Aerogramme No. 2

"ARCHER" AEROGRAMME
Regd. Trade Mark

SECOND FOLD HERE

SENDER'S NAME AND ADDRESS

G. L. Smith
Botany Dept
University of WA
Nedlands 6000
West. Australia

IF ANYTHING IS ENCLOSED OR ANY TAPE OR STICKER ATTACHED, THIS FORM
MUST BEAR POSTAGE AT THE RATE FOR AIR MAIL LETTERS.

8/2/70

TELEGRAPHIC ADDRESS:
"UNIWEST"
PERTH
TELEPHONE:
86 2481



The University of Western Australia

Botany.
Nedlands, W.A. 6009
Aug 4th 1970

Dear Mr Otto & Lea Degener,

Thank you so much for your inscribed copy of your book. It is really quite fascinating reading.

You seem to be having much the same problem in Hawaii as us - the vanishing flora. Our fabulous sclerophyll flora is being rapidly destroyed by agricultural & mining development. The population here is just waking up to this dilemma. - so we might persuade our hard-headed Govt. to do something concrete about conservation.

Thanks for your advice re Degeneria - have not acted upon it yet - seems fraught with difficulties. Perhaps I shall make a trip to Fiji or be contented with plastic models of the corals.

Am sending you a few reprints which may interest you.

With Kind Regards.

Leslie Smith

P.O. Box 154, Volcano,
Hawaii 96785, USA.
Aug. 10, 1970.

Dear Prof. Lundqvist:

Mrs. Degener & I were glad to receive your informational letter of July 30.

Mrs. Degener was formerly connected with Berlin-Dahlem, being Drs. Pilger & Werdermann's assistant. She wrote her doctorate thesis, before our marriage, on Erica under her maiden name Hansen. (Perhaps she is a relative of a relative of a relative of a relative of yours!). I am a New Yorker originally, who came to the Hawaiian Islands as a tourist in 1922. I was so enchanted that I settled down here, taught Botany at the University of Hawaii (1925-27), was Naturalist at Haw. National Park (1929), and have been a staff member of the N.Y. Botanical Garden as "Collaborator in Hawaiian Botany" since 1933. I receive no salary, but N.Y., has sponsored grants-in-aid for Mrs. Degener and me from the Federal Government.

I have written "Plants Haw. Nat. Park," which is sold to tourists at our Nat. Park; "Naturalist's South Pacific Expedition: Fiji," which gives a few pages about Degeneriaceae; and Mrs. Degener & I are now on Book 7 of our unfinished "Flora Hawaiiensis." Of course, we ourselves sell these books.

If you really do wish to "compensate" us for Haw. herb. specimens, you might send select specimens to the New York Botanical Garden AS THOUGH COMING FROM ME. The value of any plants we donate to American institutions (unfortunately foreign institutions are not included) is credited to us by our tax assessor.

As we slowly accumulate additional excess duplicates we shall be glad to mail them to you.

Our winter home is on a beautiful coral reef 30 miles distant from Honolulu. Of course, we go bathing daily. If you wish us merely to uncritically grab algae from the reef, place them in a container with formalin, and mail them to you, we shall be glad to do so. Then, however, some one in your department must assort the horrible mixture and get it properly dried and mounted (or bottled). There is on course Turbinaria, Sargassum, Calauxaura, Halemeia, Lithothamnion, etc., etc. Such material can be valuable for class use.

Aloha,

7/30/70
UPPSALA UNIVERSITETS INSTITUTION
FÖR SYSTEMATISK BOTANIK
Botaniska Trädgården och Botaniska Museet
UPPSALA 1

INSTITUTE OF SYSTEMATIC BOTANY
OF THE UNIVERSITY OF UPPSALA
Botanical Garden and Botanical Museum
UPPSALA 1 (SWEDEN)

Uppsala July 30 th. 1970

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

Dear Dr. Degener,

Thank you for your message about the package of plants that we will receive. This will be a most valuable addition to our Herbarium. The Pacific region and South East Asia are probably the parts of the world most poorly represented here. If it has not been said before, I want it stated that we are highly indebted to you for your many contributions of Hawaiian plants to our Herbarium. I wonder if we could compensate you in some way, perhaps with exchange material? You do not seem to be connected with any Hawaiian Botanical Institute.

As regards your trouble with Sweet's the British Flower-Garden, Vols. 1-4 we do not possess it, nor our University Library, and perhaps no other Swedish Libraries either. But it is mentioned in the catalogues of British Museum, and I would advise you to send them a letter about your problem.

Yours sincerely

Nils Lundqvist
Nils Lundqvist
dep. curator

PS. The plants have just arrived. Many thanks

LANIOLU, Apt. 807,
333 Lewers Street,
Waikiki - Honolulu,
Hawaii 96815.

Den 13. August 1970.

Dear Dr. Degener!

Jetzt schreibe ich auf deutsch! Die abgebildete Pflanze war *Heraclium mantegazzianum*, Herculeskraut, fälschlich Bärenklau, die in England offenbar zu einem lästigen Gartenflüchtling geworden ist. Sie war eine Lieblingspflanze Goebels! Und nun zu Ihrem Brief. Ich habe Ihr Päckchen wohlverwahrt aufgehoben. Ich habe es nicht geöffnet, weil ich fürchte, dass ich es nicht gut wieder verschliessen kann. Leider bin ich in meinem Schloss und bei meiner körperlichen Behinderung recht schlecht in der Lage, mit Herbarmaterial umzugehen. Bitte, sagen Sie mir, was in dem Päckchen drin ist und worin Ihr Problem besteht. Vielleicht kann ich eine Lösung finden. Wenn Sie von "Missgeburten" und "Monstrositäten" sprechen, kann ich doch nicht annehmen, dass es sich um Mutationen oder um Polyploidie handelt. Ich würde Ihnen gerne Ihr Päckchen - verschlossen - persönlich zurückgeben, wenn Sie nach Waikiki kommen. Andernfalls müsste ich Dr. Taussig bitten, es Ihnen mit der Post zu schicken, da ich ja selbst nicht zum Postamt gehen kann. Eventuell an welche Adresse? - Dass Sie für die Flora des 50. Staates tätig sind, ist sehr schön. Sie arbeiten wohl sicherlich mit Dr. Mueller-Dombois' Projekt. Ich versuche auch, mich ein wenig nützlich zu machen. Haben Sie einmal *Equisetum giganteum* gesehen? Ich sah es einmal in Costa Rica am natürlichen Standort und einmal in Ecuador in einem Garten. Ich helfe Mr Weissich, es für den Forster Garten zu bekommen. Es ist ein riesiges, "zinnkraut" von etwa 3 - 5 m Höhe. Weissich will Pteridophyten im Garten zeigen. Haben Sie in "Science" und im letzten Heft des American Journals of Botany die "Scanning electronmicroscop"-Bilder von Pflanzen gesehen? Sie sind grossartig. Wie sie gemacht werden, weiss ich nicht. Hoffentlich ist es in Volcano so schön wie in Waikiki und kommen bald zu mir. Dr. Taussig ist wieder zurück. Herzliche Grüsse

Ihre
Helen Philip Keas

NOTICE OF CHANGE OF ADDRESS

I have previously distributed reprints from Miami University in Oxford, Ohio, and from Washington State University in Pullman, Washington. The present series is sent from the University of Illinois at Urbana, Illinois, where I have taught and studied during the 1969-70 academic year.

After September 1, 1970, I will be located in a new position as Chairman of Biological Sciences at Florida Technological University in Orlando. Please continue to exchange reprints with me.

The new address is:

Prof. Harvey A. Miller, Chairman
Department of Biological Sciences
Florida Technological University
Orlando, Florida 32816

P.O. Box 154, Volcano,
Hawaii 96785, USA.
Sept. 10, 1970.

Dear Mr. Ibarra:

We own a mountain cottage on the Island of Hawaii. There are two stores and a post office in this village of Volcano. There is no "city" water, and all we have for drinking, washing, etc., we ourselves collect from rain falling on our corrugated iron roof. We get only first class mail here, so your magazine is in the post office in Waiialae on the Island of Oahu. We will not get it nor other printed matter until we get home to the Island of Oahu next month.

Please wait a week or two before you write about Marijuana. Yesterday Mrs. Degener & I attended a Conservation meeting in the city of Hilo 30 miles distant. Here we met our friend Dr. Quentin Tomich who is with our Board of Health. Because of your letter, we spoke to him about your marijuana problem. He will collect the literature printed about this drug by his office, etc., and mail it to me. Then I will mail it to you with our letter about it. Please give us a few weeks before you write your article. This plant is a VERY great problem with us among boys and girls from 16 to 25 or so. Many are runaways from the U.S. Mainland. They smoke the plant, don't wash, don't work, sleep on the beaches, steal fruit from farms and gardens. If there is a vacant house, they break into it. They get sick with dysentery, gonorrhoeas, hepatitis & syphilis & do not go to a doctor in time for a cure. They have contaminated some of our water supplies and thus caused hepatitis epidemics in some villages. There is nothing the government can do as their few crimes are too unimportant to put them away in jail. Every day there are articles in our newspapers about them. I believe the use of marijuana (also called POT here) changes the chromosomes and thus influences the next generation, but I am not sure. We must wait until we get the information from Dr. Tomich. I wrote a review of his book, and believe I sent it to you, but do not quite remember.

You never answered about what you think about the Spaniards discovering Hawaii before Captain Cook, and what about the pineapple coming to the Hawaiian Islands?

Right now Mrs. Degener & I are "fighting" to try to enlarge Hawaii Volcanoes National Park to include the cloud-belt zone of the Island of Hawaii. This is the dense jungle so rich in endemic plants and animals, including our birds. (In your letter to me you write "general law to protect animals and birds." Do you not mean "Mammals and birds."?? By "animals" we include birds, rodents, insects, fish, worms, everything living that is not a plant.)

The State of Hawaii is poor and the Federal Government (Washington) is rich. The National Park Service is not under the State but under Washington. There is no road across the middle of the island from the city of Hilo to the city of Kailua. The State of Hawaii seems to want to give to Washington a strip mostly of lava desert of no value. Then Washington with Washington money would build an automobile road and in that way the State would get a road free. Mrs. Degener & I believe that for a free road the State should give a strip of this most interesting jungle to the National Park to preserve it. So we have written the enclosed Book Review "Caveat Emptor" which we have been sending to National Park people and to our Legislators. Would it fit in an issue of "Natura"? If it does, we should like to purchase 100 copies to distribute in the Hawaiian Islands and U.S. Mainland.

We shall mail you the marijuana information as soon as we get it.

Mrs. D. joins me in aloha,

MUSEO NACIONAL DE HISTORIA NATURAL

Tel. 60406

Es. Calle 7-30, Zona 13. Apto. postal 987. Guatemala, C. A.

Guatemala, september 2, 1970.

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

Distinguido Dr. Degener:

I hope you have already received my magazine with the general law to protect animals and birds.

Now I am writing an article about the dangerous plant "Mariguana" Cannabis sativa L. of which our people is very interested for there several persons -children among them- who unfortunately smoke such a nocive plant.

All our newspapers are publishing notes and articles about such a plant.

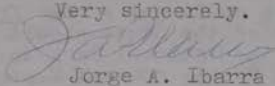
I will mention names of famous scientists -botanist- who give their opinion about the Cannabis sativa and for this reason I have thought in mentioning your name.

Should I take the liberty to ask your opinion about the name of the family, species, discription, etcetera about it. As far as I am concerned, the family is Moracea and the technical name: Cannabis sativa, if there have been a change in ist classification, I would be grateful to you for correcting these names, as they must be actually.

I looked for a picture of Cannabis in your book but I couldn't find it, maybe you have a photo of it.

With my best wishes to you and Mrs. Dr. Degener, and thanking you in advance.

Very sincerely.


Jorge A. Ibarra - Director

RESEARCH UNIT

State of Hawaii
Department of Health
Honolulu, Hawaii, 96727



Dr. and Mrs. Otto Degener
Box 154
Volcano, Hawaii 96785

September 17, 1970

Dear Folks:

I made an immediate request for the materials on MJ from our Feed and Drugs chief. A response may be some time in coming.

However, may I suggest that in the meantime you find a copy of the September 7 NEWSWEEK. It contains a lengthy article (which reflects, or does it attempt to meld?, public opinion) that may contain some of the kind of material that Dr. Ibarra can use.

Sincerely yours,

Isidoro Zonick

P.O. Box 154, Volcano,
Hawaii 96785, USA.
Sept. 17, 1970.

Dear Mr. Ibarra:

I received a postcard from our friend Dr. Quentin Tomich, Research Unit, Dept. of Health, State of Hawaii, who writes: "I made an immediate request for the materials on MJ from our Food and Drugs chief. A response may be some time in coming." So, Mr. Ibarra, do please wait with your article so that it will be authoritative.

You will see from the enclosed newspaper clippings that the plant is of great danger to our youngsters in the Hawaiian Islands.

May we urge you to ponder the wisdom of showing a picture of the plant in "Natura." Mrs. Degener & I rather feel it may be a great mistake as then your article will help your boys and girls to find the plant in your fields, experiment with it, and become addicted to it. It is a common roadside weed in the United States, perhaps also in Guatemala.

Did you know that Mrs. Degener taught Pharmacognosy at the University in Berlin until I "swept her off her feet," married her in 1952, and settled with her in Hawaii?

The plant part, which my wife and I have provisionally written, is the following:

The plant Cannabis sativa L., belongs to the large Moraceae or Mulberry Family. Some botanists, however, prefer to unite Cannabis with the genus Humulus, the hop of beer fame, to establish the small Cannabaceae or Hemp Family.

Cannabis sativa is a variable annual growing to a height of six to twelve feet. It has long-stalked leaves with 3 - 7 leaflets. Distinct "male" and "female" plants occur. It is native from Iran to Central Asia, but is now extensively distributed in tropical and temperate regions of the world.

It is the hemp of commerce, the fiber being obtained from its inner bark. In the Orient, as hashish or hasheesh, it has been drunk as an infusion or smoked for its intoxicating and narcotic qualities, qualities concentrated in glandular hairs evolved as an insect-repellent by the plant over the ages. In more recent times, known commonly as POT or by the Mexican name mariguana, it has become a popular drug especially among younger North Americans of both sexes with deleterious and often disastrous results in mind and body, often necessitating care in

a mental institution. Precisely how injurious the use of this drug may be is still a matter of investigation. There is some evidence that besides mental aberrations of some addicts their chromosomes may be al-

tered with resulting birth defects in their children. Thus the sins of the fathers are visited upon their children. Unfortunately, so many youngsters experimenting in the use of marijuana become addicted to increasingly more potent drugs.

Mrs. Degener & I are just a little bit afraid that if a picture shows what the plant looks like, "Natura" will teach your youngsters what to look for and smoke. Instead of being a wholesome article, it would become a harmful one.

If you can use what we have written, I wish you would consult the Spanish Bible and quote from it to change to Spanish what we have written in English: "- - - the sins of the fathers are visited upon their children."

Aloha,

After we have sent you the medical literature that we shall get from Dr. Tomich, should you not turn it over to your own physician in Guatemala city and ask him to add to the article his account from a medical standpoint?

Turun Yliopiston
Kasvitieteen laitos
Turku

University of Turku
Department of Botany
Turku, Finland

Sept. 22, 1970

Drs. Degener
Mokuleia Beach
Waialua
Hawaii

Dear Drs. Degener,

The Pijian Fungi have arrived safely, and I have already started their study. I hope that I can this winter find time enough to complete the work with them. My present job gives me fairly much teaching duties, and the scientific work somewhat suffers owing to this. Nevertheless, I shall try not to forget fungi, and hope to report you soon about my findings.

The figure for *Filago* is already actually completed, but I have just forgotten to send it to you. I shall mail it today or tomorrow, and shall also read the article by Wagenitz- to which you referred. I received yesterday reprints from you, including the figure for *Gnaphalium peregrinum*; I was happy to see that you had accepted it for printing.

I and my wife wish you a very good time and hope that you have again enjoyed the stay on the Big Island. We have now preliminary plans to come to Hawaii in the autumn of 1972 - let us see whether we can fulfill them.

With aloha,

(I have officially changed my
signature!) →

June
[E. Mäkinen]

Department of Botany
University of Turku
Turku 2
Finland

BIRDS AND PRUNUS
Page from Japanese Artist's Sketch Book, 19th Century
THE DETROIT INSTITUTE OF ARTS

N-123



With
Season's
Greetings

W. S. Stewart

[Director Harv. Bot.
Gard. Foundation]

Dear Friends

Thank you very
much for your
reprints & notes.
They are very
helpful & valuable
in learning to fully
appreciate our
'fragile' flora.

HAWAIIAN BOTANICAL GARDENS FOUNDATION, INC
Gilmore 114, 2525 Varney Circle
University of Hawaii
Honolulu, Hawaii 96822

NEWSLETTER

VOLUME IV Number 7 SEPT. 1970

CAVEAT EMPTOR

Dr. Otto Degener /1

After criss-crossing the Hawaiian Islands since 1922 to collect their world famous flora for museums and botanical gardens, I have become familiar with their unique geological and biological features as well as the tragic deterioration of the latter in the past fifty years. Hence I was amazed when I read "The Island of Hawaii. A Resource Study and Master Plan. Preliminary Working Draft," dated June 1970 by Glenn O. Hendrix, Chief, Environmental Planning & Design. A copy is available for study at the public library in Hilo, Hawaii.

This 103 page study, among other features, deals with the Hawaii Volcanoes National Park, the City of Refuge National Historical Park, the Proposed Puukohola Heiau National Historic Site, and the Kealahou Bay study. It is well illustrated with pertinent maps and diagrams. Though I am presently interested in the Hawaii Volcanoes National Park, I shall digress to comment first on the National Park on Maui.

The main feature of Haleakala National Park is its magnificent rift valley, incorrectly called a "crater", filled with colorful cinder cones and possessing prehistoric lava flows that had spilled down the Keanae Valley to the north and the Kaupo Valley to the south. Much of its access route is marred by both useful and obsolete astronomical and other scientific buildings with all their appropriate hardware. None have been even tastefully camouflaged as a courtesy to the Park Service.

Hawaii Volcanoes National Park as it now exists features the active shield volcanoes Mauna Loa and Kilauea. Most of the terrain consists of aa and pahoehoe lava, and numerous pit craters and cones of assorted sizes. Another extensive feature is the Kau Desert, which is flanked by the ocean. Unfortunately, both national parks in the Hawaiian Islands feature chiefly volcanic wonders and hence duplicate one another in many ways. Also, both are on the lee or arid side of their island, and above the "inversion layer" or cloudbelt. As rain, even in this Paradise of the Pacific falls downward, much of our present Maui and Hawaii parks are deserts or nearly so. They are conspicuously poor in plant life and in animals developed over the ages

/1 Dr. Degener has been the Hawaiian Botany collaborator with the New York Botanic Gardens since 1933. As a world-wide explorer he has made extensive plant collections for the important museums and botanical gardens of Europe and America. With his wife, Dr. Isa Degener, he wrote the "Flora Hawaiiensis" series. In addition he has taught botany at the University of Hawaii and served as ranger-naturalist at the Hawaii National Park.

to live on or with such plants. The master plan, as I understand it, would add additional features to our park, precisely the type of duplication that the National Park Service does not need if we are to follow the published yardstick of criteria for the choice of land for Park inclusion.

Both Parks, as now constituted, are conspicuous by the absence of lush jungle consisting of 99% of Flowering Plants found no other place on earth. In fact many of such plants are limited to a single kipuka or lava oasis, or to a little gulch or to an isolated hill. As animals of all kinds from "landshells" through insects and spiders to birds are dependent on these plants, the percentage of endemicity in the Animal Kingdom is correspondingly great. Truly, What Hath God Wrought in the Hawaiian Islands!

The Island of Hawaii is blessed with two "goldcoasts": 1) The tourist port and hotel complex in and about the clean city of Hilo, and 2) The tourist Mecca on the opposite side of the island roughly sixty miles distant as the crow flies, in and about Kailua, District of Kona. At present no direct road nor even a trail exists between these two tourist centers.

Some States are famous for selling wooden nutmegs, others for horse trading, and still others like Florida for land deals. According to front page articles presently appearing in our Hawaiian newspapers, the State of Hawaii now emulates Florida in this last activity.

As a loyal citizen of the State of Hawaii and one of the tax payers of its impoverished Island of Hawaii, I am most eager that the National Park Service take over ownership of a generously wide strip of land consisting mostly of additional aa and pahoe-hoe flows, volcanic ash and clinkers. Such land, I would estimate to be worth one dollar per acre, if that much. How wonderful if the State of Hawaii could foist these exuviae of the fire-goddess Pele upon the National Park Service. Perhaps we can then get the Service, with pride of ownership, to build for our use a 2- or 4- lane multimillion dollar highway across the middle of the island, no doubt with Federal Funds. I would expect the Service to finance all upkeep as well, an expensive duty every time a lava flow melts out a few miles of roadbed. I repeat, as a loyal citizen of the State I favor the plan as I do want direct access to Kona's south shore for a pleasant morning dip without paying additional State taxes to help finance a highway.

As a loyal citizen of the United States and a friend of the National Park Service, however, I repudiate my approval of the above unless the master plan is modified in general as follows:

1. The corridor of lava waste with a tourist highway, also to be used by the few residents the underpopulated Island of Hawaii fortunately possesses, has in itself no justification being within a National Park System. It is monotonously repetitive of similar features far better represented about Haleakala and Kilauea-Mauna Loa. It is, however, a magnificent backdrop for the park-like transition forest that gradually melts downhill into the unexcelled tropical jungle of endemic plants and animals in the cloudbelt. This last is the unique feature found no other place in the United States, in fact in the World. It in itself is of high National Park standard.

2. The National Park Service should own the land from its highest elevation down to and including that part of the cloudbelt where the maximum rainfall occurs. To be sure, the proposed narrow Honaunau strip passes through a little of such cloudbelt land, but it is too skimpy in size and too mauled by past exploitation to be of any importance. The cloudbelt area on all islands, incidentally, is the least valuable for commercial use. Vegetables grown there are excellent for home consumption but are too juicy to withstand shipment to market; cane thrives but its juice is too watery to warrant boiling into sugar; cattle remain half-starved with bellies distended with soupy cud, and most exotic plants fail to thrive because the thick blanket of clouds deprives them of their higher requirement for sunlight. The cloudbelt terrain of the Island of Hawaii, in particular, consists of aa, ash, cinders, clinkers, pahoehoe and pumice, all in themselves porous. To aggravate the situation still more, all is interwoven with earthquake cracks and crevices; while here and there extend tunnel-like lava tubes.

A layer of spongy duff consisting of decayed treefern and other trunks, branches, leaves and roots, mixed with some muck, covers everything. A mass a foot thick would squash down to one inch; the same mass burned in a forest fire would leave but a thin film of ash. Whether one turns a bull or a bulldozer into such land to trample or to disturb it, the heavy rainfall washes the delicate layer of soil downhill or drives it straight down out of sight through crack, crevice and tubes. The watershed is gone forever, and only naked lava remains. With destruction of the rainforest, even fogdrip from leaves has ended. Though strictly of no concern with the Park issue now at hand, such tampering with the rainforest has dried up wells and springs. Streams that once could reach the ocean have been altered to dry steambeds that explode into dangerous flash floods during heavy downpours. Rainfall has been reduced at lower elevation farm lands that can ill afford to lose it.

3. Some of this scientifically and scenically precious and unique jungle is privately and State owned. Opposition to its inclusion obviously would come mainly from private owners and lessees who, by the discontinuance of leases held sometimes from generation to generation, would be financially harmed. This understandable feeling of antagonism should be soothed by generous rather than parsimonious or niggardly remuneration. How such financing can be accomplished is in the province of a banker, not of a retired naturalist. My amateurish ideas involve seeking aid from State and Federal agencies, and from the Nature Conservancy and like organizations. Furthermore, the coast to coast highway should be established as a turnpike road that would collect tolls for the eventual liquidation of a bond issue floated to repay injured ranchers, lumbermen, and others.

4. The Park area as a whole should not be fenced because because of the prohibitive expense and the futility of controlling animals by a fence. While the line might be patrolled by a ranger at one spot, a family of pigs may dig under it or a herd of goats, thanks to a fallen tree, may climb over it; and if some politician - may God have mercy on his Soul - should some day introduce axis deer to Hawaii, no practicable fence will prevent their jumping or climbing over it.

5. General Superintendent Robert L. Barrel, a 1950 geology graduate from Harvard and a trained Naturalist, has suggested a novel solution to curb the devastation caused by feral herbivores, be they pig, goat, sheep, mouflon or occasional cattle. He suggests calling upon sportsmen to help in their control within the Park areas. I do not know details of the plan. Perhaps he would assign several rangers as permanent game wardens and would deputize qualified applicants to hunt for such animals under strict supervision. The main danger here is the possibility of the appointment some day of a superintendent who might be lax in pushing toward the ultimate extermination of this scourge, and thus allow the Park to degenerate into a hunting preserve with game management.

In summary, I advise the National Park Service to ponder the saying: CAVEAT EMPTOR (Let the buyer beware). It already possesses more than enough duplicated volcanic features to want to burden itself with still more. On the other hand, it lacks unspoiled jungle adjacent to a stretch of aa, ash, cinders, clinkers and pahoehoe. If such jungle land can be purchased, the volcanic horizon would be an ideal frame. Only then should the Service get involved in more ownership of waste land and in helping to build and to maintain a multimillion dollar "Transgoldcoast Highway".

* * * * *

REMINDER

Dues for 1970 are now payable. Checks should be made payable to Hawaiian Botanical Gardens Foundation, Inc., and mailed to Dr. Constance E. Hartt, Secretary, 1527 Keeaumoku St., Honolulu, Hawaii 96822.

This Foundation is tax exempt under Federal and State regulations and contributions are tax deductible under the usual formulas.

Membership Dues

Annual.....	\$ 10.00
Annual Contributing.....	25.00-99.00
Annual Sustaining.....	100.00-249.00
Annual Commercial.....	100.00 or more
Annual Sponsor.....	250.00 or more
Life.....	500.00 or more
Founder.....	1,000.00 or more
Research Endowments.....	5,000.00 or more

The HGBF Newsletter welcomes articles and news relating to botanical gardens, problems of environmental pollution, activities of garden groups etc. Black and white photographs are acceptable.

S. Goto, Editor

Box 758
Koloa, Kauai, Hawaii
96756

ALOHA TO YOU AT CHRISTMASTIME

At this time of year we are particularly aware of how much we miss our old friends, and we try to reach across the span of time and tide. But our new home on Kauai has turned out to be very much to our liking. At the risk of sounding tediously trite, it becomes immediately obvious why this is called "The Garden Isle"---flowers and sugarcane are everywhere, nurtured by plentiful rains which are sometimes quick, rainbowed showers and sometimes torrential down-pours. Depending on how you like it, one can speak either of "high humidity" or "velvety breezes"!

Though we have fewer than 30,000 people on this entire island, they and their ancestors come from all sorts of places, so the populace is a poi mixture which approaches the peculiar problems and gentle pleasures here in an unusual and generally peaceful spirit of aloha: remarkable!

We wish we could paint for you the stunning hues of the mountaintop scenes, this sparkling sea with shimmering clouds, and especially this unbelievable panorama from Kumuokalani, the hilltop in Lawai. Although we are insulated from much of the world's turbulence, as well as myriad marvels, visits from family and friends keep us from being isolated----and our Garden is growing!

Pacific Tropical Botanical Garden at Lawai will be one year old on New Year's Day. Sometimes things seem to move slowly, but so far we've

- ...gathered a staff of dedicated workers + summer botany students
- ...constructed two and a half miles of road through our valley and five miles of trails around it;
- ...moved into two modest buildings: an Office and a Service Center;
- ...rehabilitated an ancient structure for our Nursery;
- ...accessioned our first 200 specimens, some endangered species;
- ...initiated our first collections of Tropical plant materials;
- ...laid out a Tentative Master Plan To guide The next Ten years;

and in The process have met some of The world's most delightful people.

IT was wonderful having Carol home with us for The summer, and David also came for Two weeks while our migrating Dads had pleasant summers in Their favorite California haunts. Lee and Pat have returned and join us in bright anticipation of a visit from Mary Lee, Steve, and Billy who'll be coming for Christmas in celebration of Steve's completing his degree. Hopefully, Billy will stay on for a visit with us here. We feel highly privileged, properly awed, and down right athletic!

MELE KALIKIMAKA ! HAUOLI MAKAHIKI HOU !

Printed on The Stewart Press; sorry we ran out of "t's!!!!?';;,'.---!

L W BRYAN
BOX 124
KAILUA KONA HI 96740

HONOLULU HI
-PM
17 OCT
1970



NAVY
ANNIVERSARY
PROPULSION



REPLY CARD
THIS SIDE OF CARD IS FOR ADDRESS

Dr OTTO Degener
68-617 Crozier Dr
Wailua, Oahu, HI.
96791

Kailua-Kona
10-9-70

Dear Otto:-

Sorry to learn
about the shiver of glass
type that all is well
by now.

I prepared the article
on O. Douglas, limited
to 500 words, (which I
~~exceeded~~) & sent it in
for publication before
July 15. So far I have
not received a copy. When
it does come out I will
send you one.

The editor
gave me date
in error according to Bell [Bryan]
aloha

6/70

Oct. 16, 1970.

Prof. William L. Stern, Editor,
Biotropica, Dept. of Botany,
University of Maryland.

Dear ~~Prof~~ ^{Steen}:

I have prepared a review of Dr. Tomich's book ~~book~~ ^{for} for
our association's publication. If it does not meet with your requirements,
please return it to me for placing elsewhere.

If you do publish, ^{please} mail me 100 copies with bill. I customarily place such
^{copies} in "Plants Haw. Nat. Park" and "Flora Hawaiiensis" ^{copies} books that custom-
ers purchase from me direct. I do not, however, place them in copies going
to book stores, as I suspect the owners would discard loose inserts before
placing the books on their shelves. Incidentally, my practice, would adver-
tise BIOTROPICA to precisely the type of readers who might wish to become
members of our Association.

Aloha,



THE
ASSOCIATION FOR TROPICAL BIOLOGY
INC.

Department of Botany
University of Maryland
College Park, Maryland 20742

October 26, 1970

Dr. Otto Degener
P. O. Box 154 Volcano
Hawaii 96785

Dear Dr. Degener:

Thank you for your letter of October 16, 1970, containing a review of Dr. P. Q. Tomich's book, "Mammals in Hawaii." BIOTROPICA does not accept book reviews at the present time; however, the NEWSLETTER of the Association for Tropical Biology does publish book reviews and I am sure they would wish to consider yours. Therefore, I am sending your review to the Executive Director of the Association with a covering letter explaining that your manuscript was sent to me.

Actually, the NEWSLETTER reaches all members of the Association, whereas, BIOTROPICA does not, since it is a subscription publication not automatically sent to the membership. If my course of action does not meet with your approval, please write directly to the Executive Director of the Association, Dr. Edward S. Ayensu, care of the Smithsonian Institution, Washington, D. C. 20560. He will return your paper, I am certain.

Sincerely yours,

William L. Stern

William L. Stern
Editor

cc: Dr. Ayensu

WLS/skl

Fiji

April 30, 1971.

Dr. Edward S. Ayensu, Executive Director,
Assn. Tropical Biology,
Smithsonian Institution,

Dear Dr. Ayensu:

Through Dr. William L. Stern you received last November
my Review "Mammals of Hawaii." Was this review of Dr. F.Q. Tomich's book
ever published in the "News Letter." Please let me know and, if it was,
mail me a copy for my files. If you have any to spare, I can use up to 100
copies for distribution. Please mail me the bill.

Otto Degener

A. G. Seaver
P. O. BOX 254
CEDAREDGE, COLORADO 81413



GREETINGS -- to our many, many friends -
To you who in the Homeland be
And you in lands across the sea.

Although our world is far from what it should be, still we find it a wonderful place in which to live - a beautiful world with so many fine people in it.

In our peaceful, interesting and productive mountain valley we find restful quiet - away from the mad rush of the cities and densely populated areas. This valley is ideal for retirement for those who love nature and want a little room where they can really stretch out. We have flowers in abundance, fruits and garden vegetables grow to perfection and there are hundreds of places to go where one can meet nature just as God made it.

Just to tell you about all of our activities on our six acre plot, in our orchard and garden, would be imposing on you, so let it suffice to say that we are two very busy mortals, especially during the spring, summer and fall seasons. When winter comes we love to steal away to some quiet spot across the sea where it is summertime all the year around.

We are both in very good health except for a few of the minor disorders which the passage of years is sure to bring but we have no troubles for which we can spare time for complaint.

Our plans are not yet definitely made for the winter months but we are talking of another trip to our favorite spot in Hawaii where we would like to spend a month or so visiting with old friends in those beautiful islands. Should we make the trip we will plan to be back to meet the first warm springtime breeze that blows.

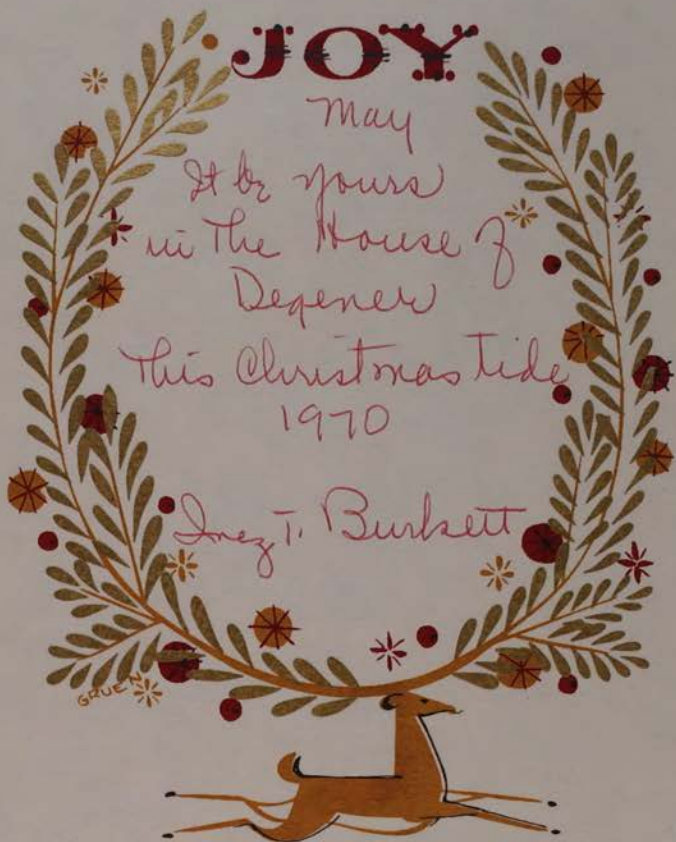
So often we think of our friends and only wish that time would permit us to write each one a very personal letter. Our mailing list has reached nearly seven hundred and to write each would be a giant's job and we are but two very small persons. We always have time to read and enjoy the letters that come to us and hope you will write us now and then and we will make reply if possible. Please address us at Cedaredge, Colorado and your letters will reach us promptly wherever we may be. A letter from a friend is like a ray of sunshine coming through the clouds.

May Heaven's richest blessings be with you always.

Sincerely,

"Old A. G." and Rena

October 1970



Dec. 14-1970

Dear Otto and Ina —

I had the interesting letter, I see,
by mailing stamps - Jan. 1969 — My
time flies by so quickly — I did apprec-
iate hearing of your interesting stay
in the lovely Islands of the Pacific.
Since I came down here in the lovely
Rolling Hills of Southern Ohio — My
life is different — I keep very busy —
Just decorated our Activities Center here
with great Boughs of Red Pine from a
near by (10 miles) State Park. I know the
forester well! I made a great golden
overhead arch in the entry to our
auditorium — The outside has natural
moss above door — with great Red
Bons. a Big green jar at entrance
all natural — However the archway

12/14/70
② was sprayed with cold. I am in
charge of Vesper Services during January
and am busy setting up interesting
programs for that - we have exceedingly
interesting people in this village about
550 in all - many are educators - 26 ministers
40 missionaries that served in many parts
of the world - lot of Teachers and many
professions represented - I am now 76 yrs
old. My 77th will be 11 come April 28th But
people are amazed at my vitality -
I am in reasonably good health - and
that is important. Life slips by so
quickly - so much beauty to see - so much
to know I feel I have merely scratched the
surface. I have recently been instrumental
in planting a zao garden in the
heart of the village - started with
12 Korean Flowering Cherries -
and 100 peonies in a center Bed

12/14/71
③ I just Re read a letter - Post written
by Otto - post by Ida - telling of
your plant searching - Did I tell you
Florence Kohankie died - Last year
Henry married for a 3rd time - He is
now 80 in his 80s - DO remember
me to your mother - my! That was 1953
17 yrs ago. But I recall it all with
pleasure - In 1959 I visited Wilhemina
Green in Winter Park. She hadn't changed
still extremely interested in herself. But
It's marvelous hearing from you -
perhaps you will not choose to forgive
me for this long lapse between letters.
The snows are beginning to come -
I shall spend Xmas in Willoughby -
it is 250 miles north for her - I hope ^{weather}
will behave. A Very Merry Christmas
to you and Thanks for Remaining my
friends. With Love Inez T. Burkett

Please address any reply to

~~THE EDITOR~~

and quote:

Your reference:

Herbarium

ROYAL BOTANIC GARDENS

Kew, RICHMOND, Surrey, England

Telegrams: Kewgar, Richmond, Surrey

Telephone: 01-940 1171

18 December 1970

Dr Otto Degener
P O Box 154
VOLCANO
Hawaii 96785
U.S.A.

Dear Dr Degener

I must apologise for the long delay in replying to your letter of September 6. It arrived at about the time I returned from my trip to South Africa, with a large accumulation of correspondence.

I have read your article "Caveat Emptor" with the greatest interest. This is directed especially towards an audience in Hawaii and the U.S.A. and I think it would need to be couched in slightly different terms if you wish to publish it in an international journal. I have been thinking a great deal about the flora of Hawaii as I shall have to write up a large number of species for the Red Data book. What would help, I think, in the international field would be an article describing the destruction of the flora, for example, during your lifetime and of which you have personal knowledge; to give information about the numbers of the species that have been depleted and have become extinct; to point out also what has been done and is being done towards the conservation of the flora, giving a few pats on the back where you can but at the same time pointing out what still needs to be done, and to make suggestions how it might be carried out. If you did an article on these lines I think you would have no difficulty in publishing it in Biological Conservation. The editor is Prof. N. Polunin, 1249 Avusy, Geneva, Switzerland.

Parallel with this, sometime, I shall have to prepare a list of the endemic species of the Hawaiian Archipelago and their present conservation status as a preliminary step towards writing up the endangered species, as I mentioned above. You probably have more or less at your finger tips this kind of information and I would be most grateful if you could write up a list of the species and give some indication as to their present status. In the first part of the Red Data book which was published last July, an annotated list of the endemic species of the Seychelles was included. I would like to do the same thing for Hawaii and if you could prepare the preliminary list I would make the annotations and submit them to you for your comments, and then we might publish it as a joint paper.

I presume that you knew about the Colloquium on endangered species of plants and animals in Hawaii which was held at the Smithsonian Institution in Washington on May 6-8 this year. I have not very much information about it but I have also heard that the Hawaiian State Senate passed two Bills: 1971/70 to provide for a system of natural areas, and 1566/70 to establish an animal species Advisory Commission. These appear to be steps in the right direction and I hope that some good will come of them.

With kind regards and best wishes,

Yours sincerely

Ronald M. Melville

R Melville.

DC

I like you & all we are sending
 & you for our very best
 with love for Christmas & the
 New Year.

TO OPEN SLIT HERE

SENDER'S NAME AND ADDRESS

The Director, *H. P. Melville*

Royal Botanic Gardens,

Kew, Richmond,

Surrey, England

DEC 28

AN AIR LETTER SHOULD
 NOT CONTAIN ANY ENCLOSURE;
 IF IT DOES IT WILL BE SURCHARGED
 OR SENT BY ORDINARY MAIL

SECOND FOLD HERE

BY AIR MAIL
 AIR LETTER
 PAR AVION AEROGamme

ON HER BRITANNIC MAJESTY'S SERVICE

100 YEARS OF
 INSTANT HELP
 Richmond, Gloucestershire
 Glos.



Dr Otto Degener

P O Box 154

RR #1 Box 89

VOLCANO

Waialeale, Hi

Hawaii 96785

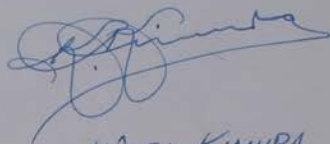
96791

U.S.A.



To Dr. Otto & Mrs. Ida
Wegener

With best wishes
for a Merry Christmas 1970
and a Happy New Year 1971



KŌITI KIMURA

Professor of Pharmacognosy &
Pharmaceutical Botany
Kaijo University.
Tempak-tyo, Syōwaken
Nagoya

Recd.: 55 Ginkakuzityō
Sakyō-ku, Kyoto.
Japan.

With compliments of the author
Thanking for the copies of your work. K. Kimura

木村康一： ガラン島野生ウツボカズラ属の二形捕虫袋

Koiti KIMURA: Dimorphism of pitchers
of wild *Nepenthes* in Galang Island

THE JOURNAL OF JAPANESE BOTANY Vol. 43, Nos. 10-11 (Nov. 1968)

植物研究雑誌 第43巻 第10-11号 (昭和43年11月)

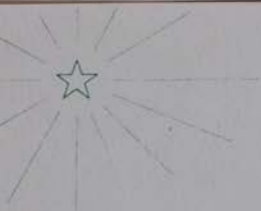
薔軒 朝比奈恭彦先生
米寿祝賀記念号

Jubilee number commemorating the 88th anniversary of
Dr. Yasuhiko Asahina

東京
T O K Y O

植 研

Journ. Jap. Bot.



NINETEEN-SEVENTY-ONE

HAPPY NEW YEAR — we say today.
How soon the NEW grows OLD — and grey!
'Tis thus our years on earth we spend —
New Life to come which has no end.

A. G. and Rena

January 1, 1971



TWO THOUGHTS

Reflections of "Old A. G."
(On his 90th birthday)

FIRST THOUGHT —

IF I could be a boy once more,
A model boy I think I'd be —
My feet I'd wipe outside the door
And close all doors most quietly.
My clothes would ever be in place,
I'd always wash my neck and ears
And comb my hair and scrub my face —
My mom would have no need for tears.
I'd make the highest grades in school —
No fault could teachers find in me,
I'd live each day by Golden Rule.
A model boy I'd truly be.


SECOND THOUGHT —

IF I could be a boy once more —
(My thoughts turn back to bygone days)
I'd be the boy I was before —
A carefree lad, with complex ways.
I'd roam — my faithful dog with me,
O'er pastures green or through the wood,
Where I would climb the tallest tree,
Or fish — when fish were biting good.
With joy I'd take what mother had
To give her lad — WITH ENERGY,
When he was very, very bad
And laid across her bended knee —
I'd be the boy I used to be.

A. G. Seaver

Cedaredge, Colorado
October 26, 1970

High in the Rockies — On the doorstep of Heaven

ES  "LA HELVETIA"

GUATEMALA, C. A.

TEJEDORES DE SAN ANTONIO PALOPO No. 14-68



Thank you for your valuable collaboration
Next year I'll write very much.

Cordially J. A. Hony

Que las Festividades de Navidad
y Año Nuevo

sean fuente de Felicidad
para Uds., son los deseos de

Jorge A. Barra,
Sra. e hijos
Dic. 70

Director, Conservatorio
Educativo Naturo - - -

LeBaron
Dec 27/70

SCHIEDEN and PLEOMELE Comments
Otto & Isa Degener

Dr. St. John's interesting observations regarding Schieden in Pac. Sci. 24:245-254, 1970, prompts us to draw the attention of local botanists to an obscure publication by Franz Buxbaum, appearing in Egle & Troll's Beiträge zur Biologie der Pflanzen. In Dr. Buxbaum's reprint, appearing Jan. 1, 1961, he writes, among a few other paragraphs of special interest:

"Bereits KRAFT (1917) hat aber Ansicht ausgesprochen, dass der Ursprung der Caryophyllaceae wohl bei jenen Alsinoideae zu suchen sei, die im ~~14. Jhd.~~ Blütenbau Stellaria nahe stehen. Dieser Standpunkt ist entschieden morphologisch vertretbar. Es scheint aber dennoch schwierig, vom 'Stellaria-Typus' eine Verbindung zu irgend einer anderen Centrospermenfamilie herzustellen, schon, weil auch Stellaria habituell zu sehr 'eine Caryophyllaceae' ist. Am ehesten könnte die Alsinoideengattung Schieden (incl. Alsinoendron), die als Holzpflanzen auch habituell von den anderen Caryophyllaceae abweicht, eine Verbindung bieten. Als endemische Gattung der Sandwichinseln stellt sie zweifellos ein uraltes Relikt dar. Bei ihr ist auffallend dass die 'Staminedien', die den Petalen anderer Alsinoideae entsprechen, den Trigonoiden Perianthabschnitten (den 'Kelch' anderer Alsinoideae) superponiert stehen. Der Ursprung der Staubblätter aus einem 'zarten Diskusring' ist jedenfalls homolog der 'Verwachsung' der Primärstaubblätter bei Phytolacca; diese Verbindung ist auch bei der offenbar ebenfalls sehr alten Gattung Drynaria noch sehr auffällig."

Buxbaum's reference to the herbarium specimen No. 25,047 should not read "Otto Degener, Isa Dege or et Ward Hening," but " - - - et Ward Fleming."

The Lanai endemic Pleomele is presently burdened with the two following binomials:

Pleomele lanaiensis Degener, Fl. Haw. Fam. 68: Aug. 10, 1932.

Pleomele fernaldii St. John in Contrib. Gray Herb. 65:39-42, 1947.

If we follow the reasoning expressed in Taxon 12:202, 1963, the correct name for this Malvaceae appears to be the more appropriate P. lanaiensis Deg.

★ Joyful Season . . . painting contributed by Anne Rockwell of the United States of America to benefit UNICEF, the United Nations Children's Fund. ★
 Saison d'allégresse . . . peinture offerte au Fonds des Nations Unies pour l'enfance par l'artiste américaine Anne Rockwell. ★
 Días jubilosos . . . obra donada por Anne Rockwell de los Estados Unidos de América. Contribución al UNICEF, el Fondo de las Naciones Unidas para la Infancia. ★
 Радостный день . . . картина художника Анны Рокуэлл, Соединенные Штаты Америки. Подарок Детскому фонду Организации Объединенных Наций (ЮНИСЕФ). ★
 歡樂時節 . . . 美利堅合眾國安·洛克威爾贈聯合國兒童基金會。



PRINTED IN U.S.A.

Greetings, Dear Friends!

We wish to report that 1970 has been a rare year for us. Two Grandsons brought lovely brides to our family circle, Myra had two hospital trips with excellent recovery and George found more and more acres to be saved by

The Nature Conservancy.

After December first, please address us at

The Island Inn

Sanibel, Florida 33957

*May the Joy and
Peace of Christmas
always be with you*

GEORGE and MYRA COOLEY

Katharine for



DR. OTTO DEGENER
68617 GROZIER DRIVE
WAIALUA, HAWAII 96791

Hawaiian Botanical Society

Date: Monday, January 4, 1978¹ at 7:30 P.M.

Place: Agee Hall, HSPA Experiment Station
1527 Keeaumoku Street, Honolulu

Speaker: Dr. Theodor Philipp Haas
Retired Plant Taxonomist, Philadelphia College of
Pharmacy. Formerly Assistant Curator, Botanical
Gardens, Munich.

Topic: The Biology of Flowers

Comments: This talk on flower types and structure will be
illustrated with beautiful colored slides, and an
overhead projection of the text. Dr. Haas was a
student of Goepel in Plant Morphology, and an
acquaintance of Drs. Fairchild and Merrill.

b-

A. G. Seaver
P. O. BOX 254
CEDAREIDGE, COLORADO 81413

High in the Rockies
On the doorstep of Heaven
January 14, 1971



A BRIGHT AND HAPPY NEW YEAR GOOD MORNING-- to the Degeners.
The road to wisdom is long, and hard, and slow and none
of us will ever reach its end but still it is the most
rewarding road to follow.

We have just returned from a month's vacation in your beautiful islands
and had wonderful visits with our many friends there. We had planned to go
by the way of Hilo but air travel is not always certain and we finally
reached Kona by going through Honolulu. We called you several times from
Kona and also when we reached Honolulu on our way home but could get no
answer so decided you must be on a trip somewhere.

Just a few days before Christmas we had a telephone message from one of
Fred's daughters telling us that Fred had passed away. It was a great
shock as we had just received a letter telling us that Fred was in the
hospital but was doing well. For him I am glad for he had more than his
share of unpleasant things, especially in connection with the son of
Finetta. It is a long story and it is not my nature to dwell on the dark
side of life. We all have our hurdles to overcome and it is not well to
lay our troubles on the shoulders of our friends as they have enough burdens
of their own. Perhaps we differ much in our views but I find great comfort
in believing that we were all made with an inner man or soul which never dies.
While I have and have had a most wonderful and happy life, still I look
forward with anticipation to the time when my work on earth is finished and
I will take my place in another land where there is no death or suffering.
I do hope there will be a job for me for I love to work and can find no
happiness in idleness.

So sorry we missed you as we had planned to have you over to the
hotel for dinner with us and for a chat. I know we have a lot of things in
common. Even though I will be 91 next October we are thinking of another
trip to Hawaii and perhaps we can meet then.

The first week we were in Kona we were put up at a hotel which had
a Picket Line and our friends there would not cross the line but the strike
was settled before we left and then the friends poured in. We are headed
for some very dark days ahead. I have seen several depressions and we are
setting the stage just right for one which will eclipse all others. Read
the article in the January Digest to confirm my thoughts.

Have just finished reading four books by Edwin Day Teale. He often
speaks of Columbia University or men connected with it and I have wondered
if you and Fred had come in contact with him. His books are good.

Then I would like to ask you what Fred's title was? I am often asked
about my brother and am at a loss to say just what position and title he held.

With our very best wishes for each of you for every day of not only the
coming year but for all the days that lie ahead for you, we are
Yours very sincerely,



A. G. ("Old A.G.") and Rena Seaver
What a wonderful world we have in which to live! "He causeth the grass to grow for the cattle,
and herb for the service of man: that he may bring forth food out of the earth." Psalms 104-14

UNION INTERNATIONALE
POUR LA CONSERVATION DE LA NATURE
ET DE SES RESSOURCES

1110 MORGES - SUISSE

In your reply, please refer to:
En répondant, veuillez rappeler:



☎ (021) 71 44 01
Télégr. Unicorn Morges

INTERNATIONAL UNION
FOR CONSERVATION OF NATURE
AND NATURAL RESOURCES

1110 MORGES - SWITZERLAND

From: Dr R Melville
Royal Botanic Gardens, Kew,
Richmond, Surrey.

13 January 1971

Dr O Degener
Maialua
OAHU
Hawaii 96791

Dear Dr Degener

I have recently been looking at the rare and endangered species of Sophora within the Pacific region and have been writing them up for the Red Data Book. Sophora chrysophylla is something of a problem. As far as I can judge, it appears that the species as such is not in immediate danger insofar as two or three varieties are still fairly abundant. There are, however, a number of varieties and forms which appear to be endangered to various degrees and I would be very glad to have your opinion about these. I enclose a copy of the write-up I have prepared for the Red Data Book and you will see the general treatment. I should be most grateful if you could give me your opinion on the actual status of the other varieties and forms that I do not mention specifically in this account. I would also be very glad to have information about the presence of any of these forms in the existing National Parks. According to Chock, two of the forms are in fact protected in the Volcanoes National Park but there may be others elsewhere that are also protected. Perhaps also you could make some suggestions as to areas which might be suitable for Reserves which would help to protect some of these forms.

It appears to me that Sophora chrysophylla is an extremely interesting example of diversification in a plant species comparable with that of the Darwin Finches in the Galapagos, and I think this comparison could be made use of in urging the conservation of this species.

I have just finished a quick survey of the endemic species of the Canary Islands. It appears there are about 550 of them and, according to my present information, about 80% of these are to some extent endangered. The position in the Canaries seems to be just about as bad as it is in the Hawaiian Archipelago.

You will be interested to learn that I am expecting to attend the Pan-Pacific Science Congress which is to be held in Canberra next August. The Royal Society have invited me to be one of the British delegates and I shall be presenting a paper at the meeting. This will give me an opportunity of making a round-the-world trip so that there would be a possibility of my stopping off in Hawaii for a few days, especially if I can get some financial support, perhaps from the Universities. I am thinking of writing to the University and suggesting giving them a few lectures in return for an honorarium which might help my finances and enable me to stay a little longer. If I can achieve this I would very much like to get on to Hawaii itself and see a little bit of the flora there. Should this come to pass I hope I shall have the pleasure of meeting you and your wife again.

With best wishes,

Yours sincerely

Ronald Melville

R. Melville.

DC

Waiialua, Oahu, Hawaii 96791, USA.
Jan. 20, 1971.

Dear Dr van Steenis:

My intimate friend died recently. Isa & I even visited him and his wife in Florida fifteen or so years ago. Here is his necrology for your publication:

Shortly before Christmas Dr. Fred Jay Seaver, Curator Emeritus of the New York Botanical Garden, died in Winter Park, Florida, where he had lived since his retirement in 1948.

Dr. Seaver was born in Webster County, Iowa in 1877, joining the Garden in 1908 as Director of Laboratories. Four years later he became Curator of Cryptogamic Botany, and then Head Curator. He was editor of "Mycologia" for almost forty years, editor-in-chief for twenty-one. He collected ⁱⁿ and published extensively on fungi of the United States, Bermuda, Trinidad, British West Indies, Puerto Rico, St. Croix and St. Thomas. He was not only a keen scientist but an astute businessman, steering "Mycologia" on an even and profitable course.

Some years after the death of his first wife, Dr. Seaver married an early school-chum, then widowed. Pinetta Seaver predeceased him by many years. In the late '50s he accepted a teaching position at Orlando Junior College because "It is inspiring to work with young people. It does not keep one young, it only helps one to forget how old they really are."

(Otto & Isa Degenow)

All goes well here. We plan flying to Kauai for a few days, attending the dedication of the Lualaba Valley Headquarters of the Pacific Tropical Botanical Garden.

Aloha,

HAROLD N. MOLDENKE, PH.D.
Professor, Department of Biological Sciences
Paterson State College, Wayne, New Jersey 07470
Co-Editor and Publisher of "Phytologia"

Former Director
Trailside Nature and Science Center
Mountainside, N. J.
Formerly Curator
New York Botanical Garden, Bronx, N. Y.

Mailing Address:
303 Parkside Road
Plainfield, N. J. 07060

20 January 1971

To my appreciated friends and relatives:

Some five hundred get-well messages have come to me during my several hospitalizations of the last six months. I deeply desire to express my appreciation and thankfulness for these many messages and a multitude of other kindnesses, but my continuing weakness precludes my writing individually to each of you. I know that you will understand my using this printed letter to communicate my thanks to you.

I am so rich in having so many friends, each of whom contributed in his own special way to brighten the long periods spent in the hospital and convalescing at home and to lighten the load on my wife and family during these times.

To those who have sent beautiful cards, letters and flowers, including both the distinguished heads of world-famous research and educational institutions and children who remember me from when I led them on nature walks on the trails about Trailside Museum; my predecessor and my successor as director at Trailside; and all the members of the Nature Clubs, Bird Clubs, Garden Clubs and Hiking Clubs with whom I have enjoyed so many happy hours - my dearest thanks for their remembrance of me.

To my colleagues at Paterson State College and to the college Board of Trustees, my deepest thanks and appreciation for your many, many telephone calls and visits to my home; for the pyramids of fruit, bouquets of flowers and potted plants; for the many cards, often adorned by a dozen or more names; and especially for the sick-leave granted me by the board! Nor can I ever forget the many students, graduate students now teachers, and my oldest and dearest classmates from Susquehanna University days who have sent me good wishes in these months, including even my former mathematics teacher of some fifty years ago.

My most heartfelt thanks go, too, to the many, many kind friends and relatives who visited me or offered to do so in my various hospital rooms and home and who have called the hospital, my wife or mutual friends to obtain news of my progress and to sent messages of cheer. I recall with great gratitude also the visits of clergymen of half a dozen denominations, who were aware from the chaplain's records that I was not of their faith and yet took time to visit and to pray at my bedside out of the goodness of their hearts.

What words can there ever be to express my feelings to the doctors, the nurses and nurses aides, and all the other staff at Overlook Hospital? They have given me constant care and worked incessantly to make me comfortable, while remaining always gentle and soothing. To them, indeed, I owe the opportunity of writing this to you.

And now my thanks must go to those dear loyal friends, neighbors and relatives who have offered many other kinds of help and have done so much for my beloved wife during these past seven months of anxiety and strain - to those who have called daily to ease her solitude; to those who left their own homes to stay with her; to those who have driven her to and from the hospital to relieve her of the stress of driving; to all who have remembered her in their prayers. My heart goes out in especial gratitude to you all. May I bespeak your help in the difficult months which still lie ahead for her as I convalesce?

My very special friend of healthier days has come back from a well-earned retirement to provide me with necessary nursing care. I thank her today as I do every day for this great favor.

To those who offered and donated their own blood, including my beloved daughter-in-law who flew three thousand miles to donate hers and to share a vigil with Alma and Andy, I send my deepest thanks and appreciation for this very precious gift.

My professional friends all over the world have been infinitely patient in waiting for plant identifications, the return of herbarium loans and the completion of current PHYTOLOGIA affairs. I deeply appreciate their patience and offers of assistance where possible.

Finally I must thank my dearly beloved son, who dropped all his research work and plans and flew twenty thousand miles in three trips to be with Alma and myself during these past crises. He knows already how I feel; tears come more easily than words. Surely no father was more blessed with such a wonderful son.

What words are there to express adequately my deep feelings to you, my wonderful friends? God bless you for your remembrances.

Very gratefully yours,

Harold N. Moldenke

PACIFIC TROPICAL BOTANICAL GARDEN
1270 AVENUE OF THE AMERICAS, NEW YORK, N. Y. 10020

MATEO LETTUNICH
EXECUTIVE DIRECTOR

Lawai Kai,
January 25 1971

Dear Otto and Isa Degener,

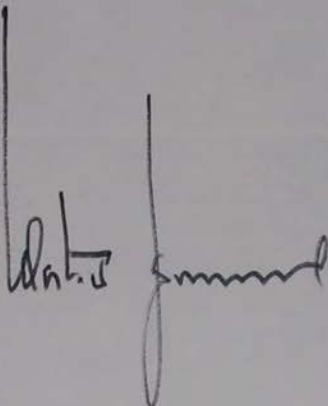
How nice it was to arrive here from New York, for our dedication ceremonies on Saturday, and to read your kind note addressed to Bill Stewart.

I do hope you are present to celebrate with us on the 30th, as it will be good to see you again after a long time, and I am eager for you to meet the Stewarts.

Should we not all be together this week, then do plan a trip to Kauai at your convenience, to see the Garden and to hear about Bill's plans. He is eager to know you.

With best wishes, I remain,

Your

A handwritten signature in dark ink, appearing to read "Mateo Lettunich". The signature is written in a cursive style with a long vertical line extending downwards from the end of the name.

HAROLD N. MOLDENKE
303 PARKSIDE ROAD
PLAINFIELD, NEW JERSEY



THIS SIDE OF CARD IS FOR ADDRESS

Dr. Otto Degener

Waiāluā, Oahu

Hawaii 96791

Dear Otto,

Thanks for your letter of the 26th. It arrived too late for me to make any changes in your paper, as I had just mailed it to the printer. I entitled your last paper just "BOOK REVIEW" and by you alone as that is how you signed it. I've ordered 50 extra copies of the issue for you, as I do not handle separate or reprints. If those are wanted the authors make their own arrangements with the printer.

Glad to hear of the precautions you are taking regarding your health. They sound eminently sensible. I now have miserable arthritis pains in my back so I can sit up only about half an hour. Doctor says they ~~will~~ go away when I get stronger, but no promise.

Aloha,

Harold [Moldenke]

AEROGRAMME

LUCHTPOSTBLAD



To: Dr. O. Degener,
68617, Crozier Drive,
W A I A L U A . -
Oahu
Hawaii - U.S.A.

PAR AVION / PER LUCHTPOST

EXPÉDITEUR / AFZENDER

Rijksherbarium
Schelpenkade 6,
LEIDEN (Netherlands)

NIETS INSluiten!

GEEN ADRESSTROKEN, SLUITZEGELS, PLAKBAND, ENZ. GEBRUIKEN.

OUVRIR ICI / HIER OPENEN

RIJKSHERBARIUM, Schelpenkade 6, LEIDEN (Netherlands)

No. 240.

Leiden, 4th February 1971

To: Dr. O. Degener,
68617, Crozier Drive,
WAIALUA. -
Oahu
Hawaii - U.S.A.

Dear Dr. Degener,

This is to inform you that our colleague Dr. H.O. Sleumer will -- because of the age limit rule -- retire from his position at the Rijksherbarium on Friday, February 26th, 1971.

According to his own wishes Dr. Sleumer's retirement will receive attention within the circle of the Rijksherbarium only. If, however, you feel inclined to write Dr. Sleumer a letter of appreciation to be read at the meeting of the staff of the Rijksherbarium on February 26th, please send this letter in an outer cover addressed to: Dr. P.W. Leenhouts, c/o Rijksherbarium, Schelpenkade 6, Leiden, Netherlands.

Dr. Sleumer is expected to continue his activities at the Rijksherbarium after his retirement for at least some years to come.

Yours sincerely,


(Dr. W. Vink)

AM.

HERMANN O. SLEUMER

We do not wish to let the occasion of Dr. Hermann O. Sleumer's retirement pass without expressing our appreciation of him as teacher, botanist, and friend.

Thanks to his tireless, patient help and inspiration, especially as my "Doctor Father" in Berlin-Dahlem in the lean years after the War, I, then Iss Hansen, will be forever grateful to him. He was always available to answer my questions and to proffer advice. Never shall I forget the many hours spent in the unheated, freezing cold Berlin Herbarium, trying to guess family or genus, while watching over his shoulder as he was distributing mountains of specimens from all over the world. I remember with pleasure assisting in his Pharmacognosy courses and attending his lectures at the University of Berlin. When Dr. Sleumer decided to leave for Argentina with his family, I substituted for him at the Museum, hoping he would return one day to rejoin the staff.

After marrying Otto Degener, then studying Hillebrand's historic Hawaiian specimens in Berlin and who had corresponded with Dr. Sleumer since Hydrocarpus days, we were seen off when we left Rotterdam in 1953 by Dr. and Mrs. Sleumer for our home in the Pacific. This was a sad parting, thought to be the last.

Fortune decided otherwise: During Dr. Gleumer's monographic studies of Myrsinaceae, he had occasion to work on those endemic to the Hawaiian Islands. We were delighted to have him as our house guest for several weeks at Mokuia Beach, Island of Oahu, while he was annotating the specimens in the local Museum and engaging in field work. Besides being an inspirational botanist, he is an entertaining raconteur telling, with a dry sense of humor, about his adventures ascending Mt. Kinabalu, collecting New Guinea Rhododendra, etc. Nor did he refrain from joining in good-natured botanical gossip.

Even though Dr. Gleason has earned leisure, The Science of Botany can ill afford to lose the benefit of his keen powers of research. The Degeneres therefore urge him, now freed from time-consuming official drudgery, to continue in any field of his choosing, particularly one that will bring him to the Hawaiian Islands once again.

'ВНО ТУ

Did Leiden even publish my necrology of the mycologist Dr. Fried
Seaver? I never got any reaction concerning it.

The letter of appreciation is properly one from Mrs. DeGener.

You wrote to the wrong person! It is not I, but Mrs. Deener who was Mr. Stiemer's pupil and later assistant for years in Berlin. She of course knows the family well, having visited in their home in Berlin, Angeln, by the way, visited us when we were in Kreibitz, Baden, some years ago.

Hunt Institute for Botanical Documentation

Leiden, 16.3.71.

Liebe Degeners,

Zu meiner Pensionierung kamen drei Briefe mit guten Wünschen, einer aus Berlin von Dr. Straus (aber keiner vom Museum...), einer aus Neu-Guinea vom Reverend Cruttwell ("Rhododendron-Missionar") und der dritte von Ihnen, auch aus weiter Ferne und unerwartet. Ich habe mich darüber besonders gefreut und danke Ihnen beiden für diesen Brief, der anlässlich der Abschiedsfeier auf dem Reichsherbar vorgelesen wurde. Bei der Bemerkung "nor did he ~~refrain~~ refrain from joining in good-natured botanical gossip" haben verschiedene Kollegen gelacht - ich bin eben bekant wegen meines sicher manchmal zu scharfen Urteils über andere. ^{an der Univ.} ~~Zu~~ Ihren beiden Ruhe kann ich mitteilen, dass ich am Tage meines Abschieds zum ehrenamtlichen Mitarbeiter am Reichsherbar ernannt worden bin und damit gewissen Rechte behalte, so eigenes Arbeitszimmer, Dienste unserer Abteilung Bibliothek u. Ausleihe, event. Bezahlung von nötigen Reisen an andere Herbarien. Zugleich ist mir für die Bearbeitung der altweltlichen, vor allem afrikanischen Flacourtiaceen angesichts meiner kleinen Pension von unserer Niederl. Organisation zur Förderung der Wissenschaften in Den Haag für drei Jahre ein Stipendium von 300 Gulden - etwa 100 Dollar - per M. nat. verliehen worden, auch werden in dieser Zeit meine Reisen nach anderen Herbarien (für die nächsten drei Jahre) bezahlt. Ich bin dabei, eine Revision der afr. Flac. (22 Gattungen) auszuarbeiten, kann mich dabei bedienen der geretteten Manuskripte aus der Berliner Zeit, und hoffe so in drei (oder weniger) Jahren diese Arbeit bewältigt zu haben, um mich dann den neotropischen Flac. im Rahmen der Fl. Neotropica widmen zu können. Dafür werde ich dann wohl ab 1973 längere Zeit in den grossen Herbarien der USA arbeiten müssen. Sollte Fl. Neotr. dann kein Geld haben, so mache ich in der Flora Malesiana weiter-Aufgaben (und in Holland das Geld dafür) gibt es genug. Van Steenis tritt nächstes Jahr (Sept. 72) ab, ist aber noch ziemlich rüstig und wird als editor der PM noch eine Weile mitmachen. Es geht jetzt ein dicker Band in Druck, u.a. mit meinen Icacin., und auch die Cyperaceen von Kollege Kern sind so gut wie fertig, die allein ein ganzer Band.

Meiner Frau geht es auch gesundheitlich einigermaßen, wir leben in dem grossen Haus allein. Angela ist seit 5 Jahren an der hiesigen Univ. Bibl. als wiss. Beamtin tätig, denkt aber noch daran, sich zu verheiraten. Bernhard hat vor zwei Jahren in Geol. Palaeontologie promoviert, ist mit einer Kolumbianerin holl. Abkunft verheiratet, und sie haben bereits eine kleine Tochter Nava. Bernhard ist bei der Shell tätig als Palaeontolog, seit 8 Monaten in Tripolis (Libyen) und verdient dort doppelt so viel als wie ich je verdient habe, noch keine 30. Er hat uns Grosseltern das Flugticket nach Tripolis zu Weihnachten geschenkt, und so fliegen wir am 20.3. hinüber auf o.3 Wochen. Dabei bekomme ich dann zum ersten Mal im Leben noch eine richtige Wüste zu sehen; der in Tripolis an der Univ. angestellte Ägyptische Botaniker Boulos will mit mir sammeln. Ich fliege anschliessend über Rom nach Florenz, um dort noch eine Zeitlang am grossen Herbar zu arbeiten, bin gegen Ende April wieder daheim. Ein ruhiges Leben habe ich nicht: im Mai nach Brüssel, im Sept. (mit meiner Frau) nach Wien, und im Oktober 3 Wochen in Paris..... Die Hauptsache, dass man gesund bleibt und arbeiten kann. Prof. Markgraf (Apocyn. für Fl. Mal.) geht es ähnlich, er war gerade 2 Wochen hier, mit seinen 72 Jahren noch sehr aktiv.

Von Ihnen hat uns kürzlich noch wieder Dr. van Royen erzählt, der einige Monate auf dem Reichsherbar gearbeitet hat. Während der Zeit die seine Familie in England verbrachte, ist Nr. 8 angekommen. Von St. John hören wir nichts mehr seit seine Frau gestorben ist; der muss jetzt auch wohl schon gegen die 80 sein. Wir sind hier gespannt, wer der Nachfolger von A.C. Smith in Honolulu wird; u.a. ist anscheinend Dr. Eichler daran interessiert, aber vermutlich noch viele andere. Von Eichlers hören wir kaum noch etwas. Wir würden uns freuen von Ihnen bei Gelegenheit wieder etwas zu hören und grüssen vielmals. Nochmals meinen Dank für Ihr Gedenken, stets Ihr

Hermann Hammer

The day before it seems we get one nice day & then the next day is horrid. It was difficult for me to walk on a gradual incline for 3 blocks from the parking garage & my friend ^{said} "when we get back, 'Well you got along well to-day'." I didn't complain but I had suffered terribly with my breathing. Mr. Gavin told me there is a lady in Philadelphia 83 yrs. old who is a famous artist & has had this emphysema for yrs. Thinks she got it in Japan when she was painting there. She said we could pass as sisters. Well I hope you are both well. This is a dingy day & I hope you don't get tired ^{boon} & disgusted reading this just felt like talking. Wish you two were here. Thanks ^{again} much for Summer & Winter. We were up ^{and was} ^{chairman} to Douglas Lake at a biology get together & thought it best to visit a short & sweet with friends in Alpine whom we hadn't seen for a long time. Picture taken in their lovely gardens. The other one was ^{taken} ^{color studio} ⁱⁿ ^{the} ^{same} ^{place} as we were singing in a church in Chi. to worshiping. Love,



MICHIGAN'S UPPER TAHQUAMENON FALLS

Dear Friends: I have been going to write ^{21 Sept} and thank you for Winter and Summer. How you two got those pictures of the 2 of your truly is more than I ever would know. I hadn't missed them. Wish I had more of them. Mr. Gavin was here from Bloomington I.D. & he took 2 of them to be placed on file in the University. He just thought the article that you wrote was just perfect. Especially the last paragraph. I took it to the Garden Club last Thurs.

and it was read and of course they kept it or one who has a life membership did. The
knew Carl so well & couldn't help but say many nice things about him. So many said
"you should be thankful you have so many pleasant memories!" I always ^{was} so proud of
him and even poor Mimi was so sweet & tried his best to help all he was capable of.
If they had been untrue and unkind I wouldn't have missed them so very much.
One just has to adjust to another entirely different life. — Our winter has been
rough, much colder than last winter and we haven't had a deluge of snow. Haven't
had to have my driveway floored out thus far but it came early & was here to
stay until last Tue. The weather changed to warmer but the weatherwise
man said it was going to get colder by Sat. We just have a few patches of
snow here and there. It's beautiful to look at when the ground is covered
with snow. Much skiing & snowmobiling is done in our state. Across the
street on the hills some come to snowmobile — I have just been hibernating
most of my time this yr. thus far. Got out to the Garden Club. I try never
to miss that, & I have been to the Woman's Club just twice. Went over
to Gr. Rapids on the 12th & bought a new ^{winter} turquoise blue dress trimmed in
nylon black moiré & a new winter coat. I had my other best one for ages.
I always have another one for more ^{common} wear. I tried all last winter to get
over there but when I could go my friend couldn't take me or the weather
wasn't right for me. This time it wasn't perfect. A beautiful day



Hunt Institute for Botanical Documentation

Dear friends - Received yours 3/24/51
 SHERIFF SCIENCE BUILDING
 ILLINOIS WESLEYAN UNIVERSITY
 BLOOMINGTON, ILLINOIS
 One of the new buildings on the beautiful Illi-
 nois Wesleyan University Campus.

Interesting letter. Was invited to go to
 The Pres. Club's dinner on the 11th. The
 Seven came & took me both ways. It
 doesn't take so long on the fast & toll road
 Dr. in Gr. Rapids and I should go by all
 means. The reception before the ban-
 quet was a surprise for some people I
 know there. I the Dramatic Students
 put on the Shakespeare's The Tempest.
 Helen Hayes was the critic for
 N. York. She was honored at the banquet too.
 She is charming & gave complimentary
 remarks to the students who put on
 the play & then to the packed house. I'm
 glad I went. I can't wait any dis-
 tance & people take me right to where
 I want to go. The breathing could be very
 bad at times. Too, Fair, Heart



from 12-13
 S. B. Linn, St.
 Affectionately,
 & 1951



Post Card

Drs. Otto & Isa Degener

P.O. Box 154

Volcano Hawaii, 96785
 U.S.A.



Dr. Otto Degener

P.O. Box 154

Volcano, Hawaii 96785

Dear Otto: *Yes, I received the Biederbach illustration!!!* April 3, 1971

Your letter of April 1 and typescript arrived safely today. I'll publish it in the next issue which I expect will be started on May 1, since 3 other people have promised to have papers in my hands on that date. Vol. 21, no. 3, should be back from the printer today or Monday; Vol. 21, no. 4, was shipped to the printer a few days ago and should be in the mails on May 1.

Andy is to return from Chile on April 4 or 5; will be here with us a few days (has to do some work at Am.Mus.Nat.Hist.) and then Alma and I hope to fly to Calif. with him to spend the rest of April with him and Albi AND TO SEE THE SOUTHWESTERN DESERTS IN BLOOM!!! I have never been able to "get off" in spring to see this sight which Andy says is breathtaking. By the way, you make your pages 1 or 2 lines too long -- size from top of top line to bottom of bottom line is NOT to exceed 8 7/8 inches.

Keep well and happy! MDs say my gall-bladder is o.k. so don't know what is causing my enteritis pains. All best wishes,

John

HERBERT H. LEHMAN COLLEGE
OF THE CITY UNIVERSITY OF NEW YORK

BRONX, NEW YORK 10468

DEPARTMENT OF
BIOLOGICAL SCIENCES

(212) 933-6000

April 22, 1971

AIR MAIL

Dr. Otto Degener
P.O. Box 154
Volcano, Hawaii 96785

Dear Dr. Degener:

[Encl.]

Thank you very much for the interesting obituary of Dr. Seaver. It was kind of you to send it so quickly. I plan to include it in the next issue of the Bulletin and will edit it today.

And now to answer your questions:

- 1) As far as I know, Dr. Rogerson does plan to include ^{some of} Dr. Seaver's bibliography in his article for Mycologia.
- 2) Hunter College was named for Dr. Thomas Hunter, a physician of prominence in New York City after the Civil War. The Hunter Normal School for women planning to be teachers was later renamed Hunter College and was variously located in downtown Manhattan but grew to sprout two offshoots, one in Brooklyn and the other in the Bronx. The former became the autonomous Brooklyn College, and the latter was known as Hunter College in the Bronx until 1968, when it achieved autonomy and was renamed Herbert H. Lehman College. Hunter College still stands in all its glory on Park Avenue between 68th and 69th Streets in Manhattan, and after the City College, is the second oldest institution in our burgeoning municipal City University of New York.
- 3) Herbert Lehman, indeed a member of the German-Jewish banking family, was for many years a governor and a senator of this state. Although his many philanthropic activities were well-known, none was directed toward the City University, which is tax supported. It was rather his illustrious career in public service which prompted the municipal Board of Higher Education to rename Hunter College in the Bronx after him when it was granted independence.

I do envy you your cottage fastness on Hawaii. My husband and I toured our sons through the Volcano National Park last August and were enchanted by the park and its environs. It is unfortunate that so much of the land is being exploited unwisely. As a plant ecologist, I was particularly sad that I could not have seen it in earlier times.

With best wishes,

Sincerely yours,

Gily E. Bard
Gily E. Bard, Editor,
Bulletin of the Torrey
Botanical Club

GEB:HL



FORMERLY HUNTER COLLEGE IN THE BRONX

Waiialae, Oahu, Hawaii 96791, USA.
May 18, 1971.

Dear Dr. Melville:

I have been ill from pushing my lawnmower too strenuously for my age. So, after a little resting on Oahu, we moved to Hawaii to recuperate. Your January letter about Sophora remained on Oahu. Back for about two weeks, Mrs. D., & I reviewed the Sophora question and, while doing so, have prepared an article which we are submitting to Dr. Moldenke for possible printing in Phytologia.

I should say the Sophora situation is as bleak as it is for EVERY endemic genus. Two major taxa we BELIEVE have succumbed within the last decade or so., one each on Lanai and Molokai. Please don't publish this until our paper appears in print. Please guard the enclosed Molokai photo well. Why not embed it in the herbarium under S. molokaiensis Deg. & Deg., in ms.? Don't return it. Two others, of same plant, we hope Dr. M., will print for us.

A slim package of herb. specimens, including a S., is now on its way to you at Kew.

Being from New York Bot. Garden and not from the local museum (whose early Director forced my loss of position at the University of Hawaii in 1927 as a potential competitor), I know little what goes on locally. My contacts are mainly by mail with workers outside the Islands. Nevertheless, we believe there is no resident botanist at the somewhat impoverished local museum. It would be so wonderful for the Science of Botany were you to step into this vacuum. When on Oahu, why not look into this situation.

The tall, affable Dutchman, here recently, has left on a leave of absence or something. The rumor is that, since he has spawned a rather large family, he simply cannot afford to remain in the H. Islands because of high rents & groceries. I imagine he is searching for another opening elsewhere. At any rate, the above is just idle gossip on my part for you to verify if you wish. Don't get me involved, please.

By the way, we took the liberty of quoting a wise sentence from your Jan. 13 letter in our ms.

Aloha,

HAROLD N. MOLDENKE
303 PARKSIDE ROAD
PLAINFIELD, NEW JERSEY



Dr. Otto Degener

Waiāluā, Oahu

Hawaii 96791

May 21, 1971

Dear Otto - Your Sophora paper received today. I plan to get out next issue June 1 as I promised several people I would wait that long for their papers. Yours will be included then. I am writing the printer today to ask what he can do about your two Kodachrome slides. I have never had this question come up before and have no idea if he can handle them, if he will handle them, and if so how much extra it will cost. I take it from my letter that you are willing to pay whatever he charges. It would not be fair to apportion this added cost among all the authors and so I would bill only you for whatever his extra charge is.

Thanks for your check bringing your accounts up to date.

All best wishes

H. S. Gentry [Molander]

I am to see Burgeon again Monday and he will then tell me when he wants to operate on me again.

Andy is a GOOD teacher-lecturer, but does not want to be only a polemicist arguing causes on radio and TV as they wanted!

I will attend ()

Guests attending

Member's Name



DR. OTTO DEGENER
68617 CROZIER DRIVE
WAIALUA, HAWAII 96791

HAWAIIAN BOTANICAL SOCIETY

TOPIC: Moanslua!
SPEAKER: Mr. Paul Weissich, Director
Honolulu Botanical Gardens
PLACE: HSPA, Agee Hall, 1527 Keeaumoku Street
TIME: 7:30 p.m., Monday, June 7, 1971
NOTES: Mr. Weissich will show slides and bring several
guests to discuss the flora, archeology, and
land use of this valley.

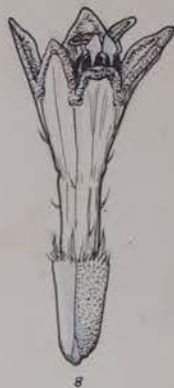
The Annual Summer Foray will be a tour of the U.H.'s Harold
Lyon Arboretum on July 5 at 9:00-2:00, weather permitting.
The meeting place is the HSPA. Because of a limitation on
parking space the staff would appreciate use of car pools.
Please return the attached card listing your name and
guests if attending.

6¢
Stamp

HAWAIIAN BOTANICAL SOCIETY
c/o Botany Department
University of Hawaii
3190 Maile Way
Honolulu, Hawaii 96822



8



had a big display in the nice basement of
the ^{new} Nat. Bank Bldg. It was truly a
big event. Hastings is a resort town
in the summer.

Well, my very best to you
two, wish I had my old friends
here. Hattie is a very fine dinner
& we have been drinking a ten
acre lot. Still have Vera with me a nice
person 48 yrs. with much tranquility in her life.

Affectionately,

Fern.



MICHIGAN GREAT LAKES BREAKERS

Dear Otto & Ida:-

June 23rd '91

I had company come
from Ft. Myers, Fla. on the 10th. Mr.
Puryear drove my car to the Gr. Rapids (the Port)
then I wished to reach the Garden Club as
she was here in 67 & went to the Garden
Club with me. We had difficulty in find-
ing the Garden Club at Stow's Office
& a man was helping me. There were quite
a few offices in the long building & a
man was helping me find the quarters
& I felt was watching the group look-

ing man & fell where there's a step down in
the walk between & then another rise. I skinned
my knees & broke my little finger. It
is in splints & it is hard to write but
I'm a hard nut to crack. Have been
so careful for a long time. I went
to the Dr. & had X-rays, I knew
I had broken my finger & I'm so right
handed. I'll have to wear this for weeks.
^(The missing word in the treatment)
^(My finger)

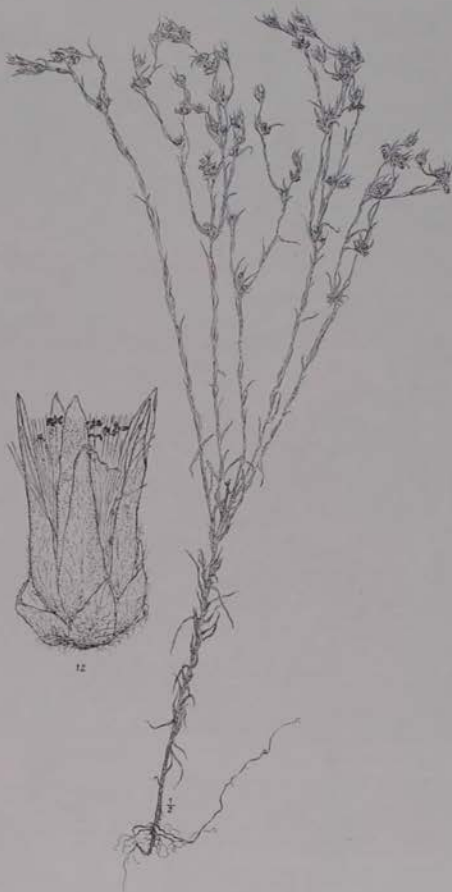
I was very sorry to learn
you had a heart ailment & I hope
the surgery will be successful.
Will send the article to J. W. H. soon.
Thanks much.

We crashed the garden club
anyway. Spathe had some powder
that kept the knees from bleeding
too much. Some resin on a red
box. Hastings Centennial is
over. Much doing. Garden C.

NEW ILLUSTRATED FLORA OF THE HAWAIIAN ISLANDS

Family : 344
Genus : Filago
Species : Gallica

COMPOSITAE
COMPOSITE FAMILY



FILAGO GALLICA L.
(Original)

(Described on preceding page)

(Deg. & Deg. 31,907)

PAR AVION 航空郵便



Drs. Otto and Isa Legener

P. O. Box 154 Volcano

Hawaii 96785 U. S. A.

つぎに ここを おる

Second fold here

差出人郵便番号住所氏名
Sender's name, address and postal code

Shigeo Akiyama

Shinoro-Taihei 7-93

Sapporo, Japan (061-31)

この郵便物には なにも入れたりはりつけたりすることができません
Nothing may be contained in or attached to this letter.

June 23 1971

My Dear Sirs:-

I wish to offer my sincere thanks for
sending me your valuable publications on the Hawaiian
plants:-

Flora hawaiiensis Book 6

Phytologia Vol. 21 2,3 and 5.

Tropical plants The world around I and II.
and others

I have retired from the Kanazawa University
(age limit of the University sixty-five there), and
came here, Hokkaido, two months ago, wishing to rest
for a while.

Very truly Yours

Shigeo Akiyama



Basel, den 7. VII. 11.

Liebe Freunde!

Vielen Dank für Ihre Zeilen
vom 26. Juni und dazu unsere Wünsche,
dass die Coronar-Arterie Sie in Ruhe lasse.
Es ist gut, dass Sie wissen, welches Mass von
Arbeit Sie Ihrem Körper zuzumuten können,
so werden Sie ihn nicht überfordern.

Ihren beiden Wünschen wir alles Gute
und grüssen Sie herzlich als Ihre dankbaren
S. + D. Allen.

Den 3. VII. 11.
Sie die Dr. K. K.
Bleichen. Sie kauft die
Opfergabe ab, Basel.

GRANBROOK INSTITUTE OF SCIENCE

BLOOMFIELD HILLS, MICHIGAN 48301

July 13, 1971.

July 8, 1971

Dear Prof Wells:

I have your interesting July 9 letter, and I cannot recall where I collected my Polynnia (which I probably took at Montana) No. 26, 220.

Oahu, Hawaii, 1959

I remember my wife, sister and I stayed at the Wells-Farmer Hotel and, if I collected No. 26, 220 in a "sunny garden near brook," it most probably was right there. As my sister was ill with a cold, and I was ill with the flu, I remember that one day my sister had a taxi drive me to the entrance of town on the morning of my birthday. Then in the afternoon my sister, in the same taxi, called for me and my catch.

I remember that as to the person who helped me by carrying my press, he had a very large pocket inside his coat to hold his money to pay him for his help. I remember, too, that he had a pocket and was generally friendly. When I bade farewell to my helper to enter the taxi, my sister and I were so amazed at his astonishment when I took the coat off my back and gave it to him as a present. I guess the taxi driver thought me crazy.

Mr. Duggan & I are presently at our mountain cottage at the above address. We shall be back at Malama, Island of Oahu by August 1 where I have our card index. Should it have any further information about Sept. 5, 1959, I shall let you know. It is very unlikely.

Aloha,

CRANBROOK INSTITUTE OF SCIENCE

BLOOMFIELD HILLS, MICHIGAN 48013

July 9, 1971

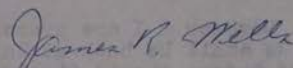
Dr. Otto Degener
Waialua
Oahu, Hawaii 96791

Dear Dr. Degener:

While examining specimens of Polymnia in the Smithsonian last week I encountered one of your collections # 26,220 from Taxco, Mexico, Sept. 5, 1959. It was collected in "sunny garden near brook".

Can you supply me with additional information as to the general section of the city you visited. This collection, as it turns out very much resembles the P. apus collected by S. F. Blake. I hope to visit in that area and recollect this species if possible. Any information you can supply will be greatly appreciated.

Sincerely,


James R. Wells
Associate Botanist

PACIFIC SCIENTIFIC INFORMATION CENTER
BERNICE P. BISHOP MUSEUM

P. O. Box 6637, Honolulu, Hawaii 96818 • Telephone 847-3511

August 4, 1971

Dear Otto and Isa:

Thank you very much for the packet of botanical separates which you sent me. They are always welcome.

I plan to leave next week for Australia to attend the 12th Pacific Science Congress - 51 years after the first, which I helped "papa" Gregory run off in 1920.

With best regards,

Ed Bryan

Edwin H. Bryan, Jr., Manager



The President and Fellows of Harvard College
The President of the Board of Overseers
and
The Director of the Arnold Arboretum
Cordially invite you to participate in
The Centennial Celebration of the Arnold Arboretum
Sunday, May 21 through Saturday, May 28, 1972