



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

The Hunt Institute is committed to making its collections accessible for research. We are pleased to offer this digitized item.

Usage guidelines

We have provided this low-resolution, digitized version for research purposes. To inquire about publishing any images from this item, please contact the Institute.

Statement on harmful and offensive content

The Hunt Institute Archives contains hundreds of thousands of pages of historical content, writing and images, created by thousands of individuals connected to the botanical sciences. Due to the wide range of time and social context in which these materials were created, some of the collections contain material that reflect outdated, biased, offensive and possibly violent views, opinions and actions. The Hunt Institute for Botanical Documentation does not endorse the views expressed in these materials, which are inconsistent with our dedication to creating an inclusive, accessible and anti-discriminatory research environment. Archival records are historical documents, and the Hunt Institute keeps such records unaltered to maintain their integrity and to foster accountability for the actions and views of the collections' creators.

Many of the historical collections in the Hunt Institute Archives contain personal correspondence, notes, recollections and opinions, which may contain language, ideas or stereotypes that are offensive or harmful to others. These collections are maintained as records of the individuals involved and do not reflect the views or values of the Hunt Institute for Botanical Documentation or those of Carnegie Mellon University.

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.

H382
2/16/60

Botanical Institute,
Faculty of Science,
University of Tokyo,
Hongo, Tokyo, Japan.
February 16, 1960.

Dear Dr. Degenar:

I have received your letter of February 2nd regarding the sad news about your specimen sent to Dr. Takaki, and have at once written to him to tell me the details soon.

To my regret, it now became clear that the specimen of Agropyrum sent from you was destroyed by a plant quarantine officer at Nagoya (not by the Nagoya Post Office) without giving any previous notice to Dr. Takaki. So I have made a strong protest to the head office of the Ministry of Agriculture in Tokyo which is responsible for the problem. I requested an official letter of apology, and guaranty for future scientific shipments from foreign countries. I am sorry to say that I will take a collecting trip to India from March to June, and the official reply may not be in time for my departure.

All Japanese taxonomists are well aware of importance of scientific material, and feel very sorry for the problem. In Tokyo all plant quarantine officers are cooperative for us, and we have never ^(ex)perienced troubles, although our Institute have received a large number of scientific shipments from old times. It was deeply to be regretted that a local officer who did not know the importance of scientific material made a great mistake.

We believe that such a thing will never happen in future, and we sincerely hope that you will forgive this very sad accident and will kindly continue to send us your valuable specimens in order to promote the international collaboration between American and Japanese taxonomists.

With best regards,

Yours sincerely,

ここにも通信文を記載することができます

This space is also for correspondence.

P. S. Dr. Takaki will explain the details
directly to you.

折込線

PAR AVION
航空

Hiroshi Hara
Botanical Institute,
Faculty of Science,
University of Tokyo,
Hongo, Tokyo, Japan.

Dr. Otto Degener

68 - 617 Crozier Dr.,

Wailuku,

Hawaii

この郵便物には何物も記入又は添附できません
Nothing may be contained in or attached to this letter.



折込線

de la Cruz



REPUBLIC OF THE PHILIPPINES
UNIVERSITY OF THE PHILIPPINES
FOREST PRODUCTS RESEARCH INSTITUTE
COLLEGE, LAGUNA

September 8, 1960

Mr. Otto Degener
University of Hawaii
Honolulu 17, Hawaii, U.S.A.

Dear Mr. Degener:

We are sending to you, under separate cover, a preliminary copy of "A Forestry Lexicon of Philippine Trees." This is in mimeographed form and is for review and criticism.

We would be greatly obliged to you for inviting our attention to any erratic entries or important omissions, or for making any suggestions that you believe would result in improvement. We are sending review copies to others also who may be able to suggest corrections or improvements. After the comments are received and corrections made, we hope to issue the "Lexicon" in printed form.

We will appreciate if you will acknowledge receipt of the "Lexicon" when it arrives and let us know whether you will be able to review it and send us your recommendations. The copy is for your files and need not be returned.

Very truly yours,

[Signature]
DE LA CRUZ
Director

Haji, Books 1-5, Crawford

Dick DeLong

MICHIGAN STATE UNIVERSITY EAST LANSING

DEPARTMENT OF BOTANY AND PLANT PATHOLOGY

October 4, 1960.

Please note my change of address.

Dear Dr. Degener:

We have finally come back to civilization after a trip through Mexico and Guatemala which lasted a full three months. My major Professor, Dr. John Beaman, is engaged in a biosystematic study of the alpine floras of these two countries and I accompanied him as a field assistant. In Mexico we did extensive collecting around Iztaccihuatl and Popocatepetl, both truly magnificent mountains, snow covered and connected by a 12 KM long pass, which is partly alpine in nature. We also collected above timberline on the extinct vulcano Nevada de Toluca as well as on Pico de Orizaba, all situated around Mexico City. In Guatemala we climbed such vulcanoes as Atitlan, Santa Maria, Fuego, etc. which were still "hot on top". Paracutin Vulcano was very active in that we counted hundreds of steam vents and sulphur springs; the soil was too hot to the touch, especially around the rim of the crater. We brought back some 1500 collections of vascular plants, as well as lichens, mosses, and liverworts, and some 150 bags of soil for purposes of analysis. On Popo and Izta we analyzed some 1200 quadrats for ecological studies; in addition we brought back buds for the study of meiosis and chromosome counts. We finished up with our work collecting some 40 species of alpine plants and taking these back as live plants. We are growing these in the greenhouse so that we'll be able to observe the plants under cultivation and also carry out cytological studies on somatic tissue. You see that we have been busy during the summer and that we'll have a lot of work to do during the winter.

Dr. Beaman is a graduate from Harvard and did his Ph.D. under Reed C. Rollins. He is a student of the Compositae and wrote an excellent doctoral thesis on the genus *Townsendia* (Asteraceae). He invited me to apply for a research assistantship and our little family moved to Michigan just after I finished my studies at the Ontario Agricultural College.

For my doctoral thesis I have started biosystematic studies on the genus *Astranthium* (Asteraceae, Bellidinae) which I hope to finish about two years from now. One species, *A. integrifolium*, is found in the States (probably also in Mexico), 6 in Mexico, and 1 species in Guatemala. Two species are rather doubtful and seem to be closer to *Achaetogeron*, morphologically as well as cytologically. The type species, *A. integrifolium*, was *Bellis integrifolia* before Nuttall established the genus in 1841. For the study of *Astranthium*, a cytological survey

of the related Aphanostephus and Achaetogeron may be necessary.

I received your bundle of sheets for the "Flora Hawaiiensis", thank you so much. Have you in the meantime found any species of the genus Remya? I remember your saying that this genus was "probably extinct" on the Hawaiian Islands? I am still actively interested in the Tribe Astereae as you can see from the above and any information on Remya will be very much appreciated.

In spite of all precautions and your advice pertaining to matters on food and water we all had our share of dysentery. I even had a very bad bout of it upon entering the States on our way back from Central America. Our strenuous adventures in the mountains had caused me to lose about 20 lbs. so that the rich food on this side of the border was just too much for me. It took me about two weeks and about one dozen pills to get back to normal again.

When we were close to the border of Guatemala we learned that all arteries into the country were blocked by landslides and washed away bridges. The only way to get across was by train, so we loaded our vehicles (one stationwagon-jeep and one Ford-sedan) and ourselves (party of four) on a flatcar and traveled for nine hours through the tropical countryside, arriving finally at Tapechula. Guatemala was in a state of turmoil when we arrived on account of communist activities in the capital city. Every stranger was eyed with suspicion and at one time I was frisked when going into the postoffice, a very merry experience. We spent about two weeks in Guatemala and were glad to get back to Mexico; altogether we were checked by the police some two dozen times and were flagged down by machete carrying natives at least six times, often at night on dark roads.

Comparing Mexico and Guatemala with Hawaii, it is fortunate that "John Tourist" has not yet discovered the potentialities of such mountains as Popo and Izta. When we were there we encountered relatively few people, mostly mountaineers only. I hope that any "Henry Kaiser" will stay away from these mountains with his pink cottages and glass hotels and leave the mountains as pure and primitive as they now. Unfortunately, Mexico is waking up economically which may eventually trigger a flood of tourists to the areas that are still beautiful, leaving a trail of garbage on beauty spots.

I very carefully tried to germinate the achenes of Tetramolopium humile which you sent me, but alas, the seeds apparently were not viable anymore. If you ever come across a fruit bearing specimen of any species of the genus on your numerous fieldtrips, I wonder if you would be so kind to collect some for me. It would be extremely interesting to know more about the chromosome numbers in that genus as it seems to be one of the very few genera that have a basic number of 7. More chromosome numbers may shed some light on its relationships with, let's say, Erigeron.

10/4/60

Page 3.

I certainly follow Cronquist in his transfer of *Erigeron* sect. *Coenotus* to *Conyza*. It certainly helped to delimit *Erigeron* more properly. I have seen and collected many *Conyzas* in Mexico and Guatemala and even if they appeared to be quite close to *Erigeron*, there was no doubt about their status. The two genera are surely very closely related but are quite distinct. With regard to your *Aster sandwicensis*, I may be going to the Chicago Museum within a few weeks to get some matters cleared up as to *Achaetogeron* and will look up this species of *Aster*.

Next year I'll have to go back to Mexico in order to collect the remainder of the species of *Astranthium*. These ones are mainly located in Chihuahua and Durango, which states were out of the way and hence we did not have time to collect these. We are also planning a trip through the southern States in early spring to collect *A. integrefolium* and to define its distribution more properly (than Larsen did). Larsen also defined two varieties of this species which in my opinion are just growth forms of *A. integrefolium* and I am tempted to refer these to the species proper as, in addition, they do not have any geographical continuity. Shinnars also named a variety of *A. integrefolium*, variety "robustum" which is just as doubtful, I think. The location of his type specimen is "near a culvert" which seems to be an indication to me that "robustum" is merely a robust growth form of the species proper growing under favourable moisture conditions. I hope to clear these matters up by cytological studies and by subjecting them to uniform conditions in the green house. If "robustum" is genetically controlled, we may expect a plant which is just as robust as the one in the field.

I am sending you under separate cover some reprints of papers by Dr. Beaman. An interesting one is that on Paracutin volcano which deals with the reoccupation of volcanic sites by vascular plants. I am sure that you will be watching the lava flows on the Island of Hawaii for signs of any returning plant life, and I think you will enjoy reading Dr. Beaman's paper. I am also including a paper on chromosome counts in alpine plants.

Please give my regards to Mrs. Degener,

Sincerely,

Dieter de Jong

Royal Botanic Gardens and National Herbarium

Sydney

5th December 1960.

RHA:PZB.

Dr. Otto Degener,
Waialua,
Oahu,
HAWAII. N.S.W.

Dear Dr. Degener,

I wish to thank you for the parcel of 75 specimens and reprints which we received from you recently. As before, I have credited this material to the exchange account of the New York Botanical Garden and have written to them accordingly.

It is very good of you to keep us in mind when you are distributing duplicate material accrued in the course of your studies on the Hawaiian Flora. We appreciate having your determinations. However, would it be possible, in future, to send only specimens named at least to the species. Un-named material is of relatively little use to us as we lack the time and staff to work on it at present.

With kind regards,

Yours sincerely,

R.H. Anderson

R.H. ANDERSON.
DIRECTOR & CHIEF BOTANIST.

323 West Chestnut Street
Oxford, Ohio
16 December 1960

Yuletide Salutations!

It seems like just a few weeks ago we put the 1959 greetings in the mail, and here we are doing it again--and a pleasant thing it is, too. Already the cards have started coming in--which is a good sign that we are about as late as usual. We almost did away with this little chronicle but it seems to be gaining in popularity, so we vetoed the stationary shop and did it ourselves again.

The year started slowly enough for us after our fast trip to Florida just before Christmas (which explains the Miami, Florida, postmark) to inspect the Schooner Collegiate Rebel. By the end of April, the usual work at the hospital and the university was spiced up a bit with Al's preparations to go to the Pacific. This, along with Mr. Kuwahara finishing his Master's thesis in good shape, left few dull moments. On May 23rd, Al boarded a plane at Cincinnati to start his 21,000 miles of travel, and, a few days later, Sum-ang moved in with Marge for the summer.

Sum-ang has subsequently become practically one of the family as she pursues her graduate studies in education so that she can make a contribution in the field in her home country of Thailand. Now that Al is back, she is living elsewhere but she is a welcome and frequent visitor and will go to Michigan with the family for Christmas. Al's brother, Jack, is finishing his Master's in education this year and will be in the market for a position in outdoor education for elementary students.

We did make a trip to St. Louis to attend a symposium at the Missouri Botanical Garden, and also visited with friends there...so Marge did get to do some travelling this year, too.

Now that the news has been covered, a few words about the pictures. Al visited Hawaii, Guam, Ponape, Mokil, Kusaie, Oroluk, Truk, Ulul (Namomito), Puluwat, Ifaluk, Sorol, Yap, & Palau (Koror), Pelelieu, Babelthup islands. In all, well over 3000 specimens of mosses and liverworts were gathered from the little-known Caroline Islands. Many of these islands normally cannot be reached, but the Collegiate Rebel Association co-operated with Al on his National Science Foundation research project and made the visits possible. He had to become a sailor to do it, but finally managed to overcome the mal-de-mer. The Rebel is a 124 foot auxiliary schooner with a 110 foot mainmast and 21 foot beam--in short, she is a fair-sized dugout. The harbor in the first picture is Lele harbor at Kusaie, where we were treated to an absolutely fantastic native feast with all the festivities which go with it. The man basking in the sun is the chief of Sorol, where we found eleven people living, and where we were forced to spend a night in a fine thatched house similar to the ones shown on the back. The big stone is a piece of Yap money which nobody carries around with them (obviously) as you can see it is much taller than Al. The girl is weaving a mat from coconut leaves, to be used as a floor covering or a screen in the house. The fellow collecting mosses is Hank Whittier, Al's assistant, with some typical helpers. The Micronesians are very friendly people and we were curiosities, too! The handsome and muscular young man in the hat is the school teacher on Ulul, and served as Al's guide. We wish there were more space to show you his loin-cloth costume. There is so much to relate, but little space, so we hope the pictures are worth a thousand words.

Again, a MERRY CHRISTMAS AND A HAPPY NEW YEAR!

*Greetings -
I need a secretary to catch up!
when I get to it more reports are coming.
Soon a major paper reviewing many
Hawaiian Algae. I think you'll see the
Manual done, too. Regards to you both!*

Al + Marge

We wish you a MERRY CHRISTMAS and a HAPPY NEW YEAR, too!



you back in sunny tropic isles

OR

ail around the world on your yacht.

Whether the cold makes your nose red &
snow-flare makes you squint like this.



OR —

PLANTS COLLECTED ON MUMITU, AUSTRAL ISLAND,
BY WALTER H. HAMBURGER, UNIV. CALIFORNIA,
BERKELEY, CALIFORNIA, DEC., 1960.Received and named Apr., 1961, by W. C. Neal,
B-P Bishop Museum, Honolulu, Hawaii.

Family	Scientific Name	Local name	Remarks	Loc.
Compositae	<i>Ballia sonchifolia</i> (L.) DC.	Kakai rabbits	12/5/60. Common everywhere	3
			12/5/60	3
	<i>Willardia pulchella</i> Pong. var. <i>pieta</i> Gray	Beach naui	No number, ff. 64	34
Scrophulariaceae	<i>Ruellia frutescens</i> (Mill.) Krause			3
	synonym, <i>S. sericea</i> Vahl	Papau	Beach, ubiquitous	3
Violaceae	<i>Tarsonia sambucina</i> (Forst.) Dur.	Tutailora	Small tree, S. end island, ridge 400'	34
				3
				3
				3
Umbelliferae	<i>Cyrtandra elizabethae</i> St. John.	Bavine, Manureva	1200'	34
Scrophulariaceae	<i>Solanum nigrum</i> L.			34
Labiales	<i>Calceolium blumei</i> Benth.	Papau	No number, ff. 64	34
				3
				3
	<i>Leuca flaccida</i> R.Br.	Mumitu	Beach, in limestone outcrop, 12/5/60	32
	<i>Leonurus sibiricus</i> L.		littoral, in sand, 6"-8", 12/5/60	3
				3
Verbenaceae	<i>Vitex trifolia</i> L.	12/5/60	Erara. Littoral shrub, sandy soil, common.	3
				3
				3
Scrophulariaceae	<i>Heliotropium anomalum</i> H. & A.		In cave on coast, limestone, low-growing	44
			"Same as 44."	10
				34
	<i>Wasserschmidia argentea</i> (L.f.) Johnston		Strand plant	30
Asclepiadaceae	<i>Asclepias curassavica</i> L.	Piti	In fields near Avera, 20 ft.	30
				31
Umbelliferae	<i>Apium australe</i> Thou. var. <i>latisection</i> Wolff		(No number, betw. 66, 70)	3
	<i>ammi</i> (Jacq.) Urb. var. <i>genuinum</i> Wolff	Teritari-taitai-vau	Er. shere, No number	3
			"Same as 9."	10
Myrtaceae	<i>Metrostideros collina</i> (Forst.) Gray var. <i>villosa</i> Gray		Common on high mts., 1400'	30
Malvaceae	<i>Malvestrum coromandelianum</i> (L.) Garcke		Near beach; fls. yellow, 12/5/60	30
Violaceae	<i>Triplaris bartramia</i> L.	Pipiri	Common pest all elevations.	30
				30
				30
Euphorbiaceae	<i>Euphorbia hirta</i> L.		Ridge top, Manureva, 1450'. Common most 1000'	30
Citrusaceae	<i>Citrus hystrix</i> DC.	"Citronella tree"	Avera Valley	30
Euphorbiaceae	<i>Emmenanthe</i> , near <i>moerenhoutianus</i> (M.-Arg.) Benth.		Manureva, ravine, 1200'	30
				30
				30
				30
Gramineae	<i>Calamagrostis corniculata</i> L.	Piti	Manureva, top of ridge, 1450', sparse.	30
Leguminosae	<i>Vigna carnea</i> (Burm.) Merr.		No number, ff. 71	30
	<i>Sphora tomentosa</i> L.	Miti-miti	Strand bush, 12/5/60	30
				30
	<i>Leucaena leucoloma</i> (Collins) Däniker		No number, ff. 71	30
	<i>Samolium polycarpum</i> DC.		From Avera-Moeral Road.	30
	<i>Cratogeomys mucronata</i> Desv. (synonym, <i>C. antioquia</i>)			30
Convolvulaceae	<i>Convolvulus sandwichiana</i> DC.		Vine on coast, on limestone cliffs	30

Rurutu
12-40

	Scientific Name	Local Name	Remarks	No.
	<i>Achyranthes aspera</i> L.	Brool	15'. Near Avera, fair soil, common.	23
	"	"	"Same as 23"	24
	<i>Pipturus platyphyllus</i> Wedd.	Boa		25
	<i>Salix babylonica</i> L.	Willow	Avera. No number, ff. 54	
Piperaceae	<i>Piper latifolium</i> Forst., Juv. form.	Ava-ava-vairae		26
"	"	"	"	27
"	"	"	"	28
"	"	"	"	29
"	"	"	"	30
"	"	"	"	31
"	"	"	"	32
"	"	"	"	33
"	"	"	"	34
"	"	"	"	35
"	"	"	"	36
"	"	"	"	37
"	"	"	"	38
"	"	"	"	39
"	"	"	"	40
"	"	"	"	41
"	"	"	"	42
"	"	"	"	43
"	"	"	"	44
"	"	"	"	45
"	"	"	"	46
"	"	"	"	47
"	"	"	"	48
"	"	"	"	49
"	"	"	"	50
"	"	"	"	51
"	"	"	"	52
"	"	"	"	53
"	"	"	"	54
"	"	"	"	55
"	"	"	"	56
"	"	"	"	57
"	"	"	"	58
"	"	"	"	59
"	"	"	"	60
"	"	"	"	61
"	"	"	"	62
"	"	"	"	63
"	"	"	"	64
"	"	"	"	65
"	"	"	"	66
"	"	"	"	67
"	"	"	"	68
"	"	"	"	69
"	"	"	"	70
"	"	"	"	71
"	"	"	"	72
"	"	"	"	73
"	"	"	"	74
"	"	"	"	75
"	"	"	"	76
"	"	"	"	77
"	"	"	"	78
"	"	"	"	79
"	"	"	"	80
"	"	"	"	81
"	"	"	"	82
"	"	"	"	83
"	"	"	"	84
"	"	"	"	85
"	"	"	"	86
"	"	"	"	87
"	"	"	"	88
"	"	"	"	89
"	"	"	"	90
"	"	"	"	91
"	"	"	"	92
"	"	"	"	93
"	"	"	"	94
"	"	"	"	95
"	"	"	"	96
"	"	"	"	97
"	"	"	"	98
"	"	"	"	99
"	"	"	"	100
"	"	"	"	101
"	"	"	"	102
"	"	"	"	103
"	"	"	"	104
"	"	"	"	105
"	"	"	"	106
"	"	"	"	107
"	"	"	"	108
"	"	"	"	109
"	"	"	"	110
"	"	"	"	111
"	"	"	"	112
"	"	"	"	113
"	"	"	"	114
"	"	"	"	115
"	"	"	"	116
"	"	"	"	117
"	"	"	"	118
"	"	"	"	119
"	"	"	"	120
"	"	"	"	121
"	"	"	"	122
"	"	"	"	123
"	"	"	"	124
"	"	"	"	125
"	"	"	"	126
"	"	"	"	127
"	"	"	"	128
"	"	"	"	129
"	"	"	"	130
"	"	"	"	131
"	"	"	"	132
"	"	"	"	133
"	"	"	"	134
"	"	"	"	135
"	"	"	"	136
"	"	"	"	137
"	"	"	"	138
"	"	"	"	139
"	"	"	"	140
"	"	"	"	141
"	"	"	"	142
"	"	"	"	143
"	"	"	"	144
"	"	"	"	145
"	"	"	"	146
"	"	"	"	147
"	"	"	"	148
"	"	"	"	149
"	"	"	"	150
"	"	"	"	151
"	"	"	"	152
"	"	"	"	153
"	"	"	"	154
"	"	"	"	155
"	"	"	"	156
"	"	"	"	157
"	"	"	"	158
"	"	"	"	159
"	"	"	"	160
"	"	"	"	161
"	"	"	"	162
"	"	"	"	163
"	"	"	"	164
"	"	"	"	165
"	"	"	"	166
"	"	"	"	167
"	"	"	"	168
"	"	"	"	169
"	"	"	"	170
"	"	"	"	171
"	"	"	"	172
"	"	"	"	173
"	"	"	"	174
"	"	"	"	175
"	"	"	"	176
"	"	"	"	177
"	"	"	"	178
"	"	"	"	179
"	"	"	"	180
"	"	"	"	181
"	"	"	"	182
"	"	"	"	183
"	"	"	"	184
"	"	"	"	185
"	"	"	"	186
"	"	"	"	187
"	"	"	"	188
"	"	"	"	189
"	"	"	"	190
"	"	"	"	191
"	"	"	"	192
"	"	"	"	193
"	"	"	"	194
"	"	"	"	195
"	"	"	"	196
"	"	"	"	197
"	"	"	"	198
"	"	"	"	199
"	"	"	"	200
"	"	"	"	201
"	"	"	"	202
"	"	"	"	203
"	"	"	"	204
"	"	"	"	205
"	"	"	"	206
"	"	"	"	207
"	"	"	"	208
"	"	"	"	209
"	"	"	"	210
"	"	"	"	211
"	"	"	"	212
"	"	"	"	213
"	"	"	"	214
"	"	"	"	215
"	"	"	"	216
"	"	"	"	217
"	"	"	"	218
"	"	"	"	219
"	"	"	"	220
"	"	"	"	221
"	"	"	"	222
"	"	"	"	223
"	"	"	"	224
"	"	"	"	225
"	"	"	"	226
"	"	"	"	227
"	"	"	"	228
"	"	"	"	229
"	"	"	"	230
"	"	"	"	231
"	"	"	"	232
"	"	"	"	233
"	"	"	"	234
"	"	"	"	235
"	"	"	"	236
"	"	"	"	237
"	"	"	"	238
"	"	"	"	239
"	"	"	"	240
"	"	"	"	241
"	"	"	"	242
"	"	"	"	243
"	"	"	"	244
"	"	"	"	245
"	"	"	"	246
"	"	"	"	247
"	"	"	"	248
"	"	"	"	249
"	"	"	"	250
"	"	"	"	251
"	"	"	"	252
"	"	"	"	253
"	"	"	"	254
"	"	"	"	255
"	"	"	"	256
"	"	"	"	257
"	"	"	"	258
"	"	"	"	259
"	"	"	"	260
"	"	"	"	261
"	"	"	"	262
"	"	"	"	263
"	"	"	"	264
"	"	"	"	265
"	"	"	"	266
"	"	"	"	267
"	"	"	"	268
"	"	"	"	269
"	"	"	"	270
"	"	"	"	271
"	"	"	"	272
"	"	"	"	273
"	"	"	"	274
"	"	"	"	275
"	"	"	"	276
"	"	"	"	277
"	"	"	"	278
"	"	"	"	279
"	"	"	"	280
"	"	"	"	281
"	"	"	"	282
"	"	"	"	283
"	"	"	"	284
"	"	"	"	285
"	"	"	"	286
"	"	"	"	287
"	"	"	"	288
"	"	"	"	289
"	"	"	"	290
"	"	"	"	291
"	"	"	"	292
"	"	"	"	293
"	"	"	"	294
"	"	"	"	295
"	"	"	"	296
"	"	"	"	297
"	"	"	"	298
"	"	"	"	299
"	"	"	"	300
"	"	"	"	301
"	"	"	"	302
"	"	"	"	303
"	"	"	"	304
"	"	"	"	305
"	"	"	"	306
"	"	"	"	307
"	"	"	"	308
"	"	"	"	309
"	"	"	"	310
"	"	"	"	311
"	"	"	"	312
"	"	"	"	313
"	"	"	"	314
"	"	"	"	315
"	"	"	"	316
"	"	"	"	317
"	"	"	"	318
"	"	"	"	319
"	"	"	"	320
"	"	"	"	321
"	"	"	"	322
"	"	"	"	323
"	"	"	"	324
"	"	"	"	325
"	"	"	"	326
"	"	"	"	327
"	"	"	"	328
"	"	"	"	329
"	"	"	"	330
"	"	"	"	331
"	"	"	"	332
"	"	"	"	333
"	"	"	"	334
"	"	"	"	335
"	"	"	"	336
"	"	"	"	337
"	"	"	"	338
"	"	"	"	339
"	"	"	"	340
"	"	"	"	341
"	"	"	"	342
"	"	"	"	343
"	"	"	"	344
"	"	"	"	345
"	"	"	"	346
"	"	"	"	347
"	"	"	"	348
"	"	"	"	349
"	"	"	"	350
"	"	"	"	351
"	"	"	"	352
"	"	"	"	353
"	"	"	"	354
"	"	"	"	355
"	"	"	"	356
"	"	"	"	357
"	"	"	"	358
"	"	"	"	359
"	"	"	"	360
"	"	"	"	361
"	"	"	"	362
"	"	"	"	363
"	"	"	"	364
"	"	"	"	365
"	"	"	"	366
"	"	"	"	367
"	"	"	"	368
"	"	"	"	369
"	"	"	"	370
"	"	"	"	371
"	"	"	"	372
"	"	"	"	373
"	"	"	"	374
"	"	"	"	375
"	"	"	"	376
"	"	"	"	377
"	"	"	"	378
"	"	"	"	379
"	"	"	"	380
"	"	"	"	381
"	"	"	"	382</

PLANTS OF HAWAII
EX HERBARIUM OTTO DEGENER

Ruratu
12-60

No.

COLLECTED BY OTTO DEGENER
AND ISA DEGENER

"PLANTS HAW. NAT. PARK" & NEW ILLUSTRATED "FLORA HAWAIIENSIS" AVAILABLE FROM
DRS. DEGENER, WAIALUA, OAHU, HAWAII.

I don't know if she is still living.
We met him in Honolulu
when he was happily married.
I believe he comes from a Jewish
N.Y. City, banking family. In the
last year he became intimat-
ed with a native lady, divorced
or abandoned his wife. When the
native died, he seemed to go to pieces.
I believe survived mourning a little while.

Jan. 3, 1961.

Dear Dr. Steere:

1960 ANNUAL REPORT

During the year my wife, Dr. Isa Degener, and I published several fascicles of our Flora Hawaiiensis or "New Illustrated Flora of the Hawaiian Islands." The total number of pages, many with full-page illustrations, comes to 200.

Besides botanizing on our "home" Island of Oahu, Mrs. Degener and I conducted field work with two assistants for three weeks on the "outside" Island of Kauai. During our stay on that island, we attended the opening ceremonies of the new Museum at Lihue, I taking the liberty of representing the Garden. According to local newspaper accounts, this courtesy was appreciated.

Thanks to an invitation to conduct a group of plant enthusiasts along the outer slope of Haleakala Crater, Maui, I was enabled to botanize four days with only trivial expense on the Islands of Maui, Lanai and Molokai. On the latter island, overlooking the Laper Settlement of Ka-laupapa, I was fortunate in collecting a good series of a new species of Wikstroemia for describing in Dr. Skottsberg's coming monograph.

During the summer Mrs. Degener and I spent several months on the Mainland, much of it at the Garden putting our affairs regarding herbarium specimens and library in order. At the same time we took advantage of the facilities there to unravel some botanical problems impossible of solution in the Islands.

As mentioned on page 41, I supplied most of the scientific names for the plants discussed in Dr. George C. Ruhl's "A Guide for the Haleakala Section, Island of Maui, Hawaii," published by the Department of the Interior. I likewise wrote a few "letters to the Editor" of the local newspapers regarding plants and a few reviews.

Respectfully submitted,

TABARD INN
1739 N Street, Northwest
Washington 6, D. C.

Phone HObart 2-1277

Sunday May 7, 1961

Dear Mr. & Mrs. —
Here for a week - and with
my niece Helen Robinson. Having a
wonderful time doing work plus
stir and azaleas all in full bloom -
A beautiful city so much I see
spent all morning yesterday at
Hellen museum (National Art Gallery)
and had a most brilliant time -
The squares & parks are lovely this
time of year although cherry blossoms
are over of course. - Back to Cornwall
to - more and much to do to
get my place in order for the
summer. - Thinking often both and
how you have so much of interest
too makes life worth while. -
Love & best
Bertha —

[Bertha Pagenstecher's father was in
paper business & owned Storm King,
Cornwall-on-Hudson. He (or she?)
offered the mountain to the State
of New York as a Park on condition
it be named "Pagenstecher Park."
According to Bertha, the State
halked at the awkward name,
so the gift never materialized.]

June 21, 1961.

Peacock M.T.H. Davies lands

Dear Mr. Schnitauer:

C. Brewer lands

Mr. & Mrs. Robert Baldwin wrote me that you are in charge of C. Brewer lands on Hawaii.

Mrs. Degener & I are professional botanists who are trying to illustrate and describe every native plant in the Hawaiian Islands. We have made a good beginning as the enclosed books show. The National Science Foundation in Washington is helping us with a grant-in-aid to continue this project.

I don't know when we would get near C. Brewer land. Should we come to Hawaii, could we have your permission to collect botanical specimens on them. It might be this year or it might be three to five years hence. After we are pau with our finds, we distribute them for safe keeping to Bishop Museum, Smithsonian and other institutions.

As we neither smoke nor hunt, there is no danger of our setting your pastures on fire nor of shooting your calves in the belief that they are wild goats. Nor should we hold you responsible in any way should we break a leg on the aa lava or otherwise injure or harm ourselves.

Aloha,

2 *File: Kutzler*
B. M. EVELETH, M. D.
F. L. TABRAH, M. D.
P. O. BOX 98
KOHALA, HAWAII. ~~XXX~~

August 2, 1961

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

Dear Dr. Degener:

Sorry we were unable to see you while we were in Honolulu last week. We thoroughly enjoyed our visit with you and Mrs. Degener in Hilo.

While in Honolulu I talked with Dr. Scheuer and Dean Hiatt. Both were favorably inclined toward collaboration with our proposed work, provided we can include you on the payroll as a part-time assistant or as a consultant. Would you or Mrs. Degener be willing to act in such a capacity, and if so, how much shall we include in the grant request for your help?

The University is quite willing to act as the sponsor for our program, so that problem appears solved--if you can assist in the Botanical phases.

We would very much appreciate your working with us in whatever way you feel is best for all concerned, and would also appreciate hearing from you soon, so our NIH application can be revised for submission to Dean Hiatt and the NIH. If there are any difficulties involved in including you in our plans, please feel free to phone collect so we might work out some alternative.

Thank you again for your interest and kokua.

Sincerely yours,

F. L. Tabrah

F. L. Tabrah, M. D.

FLT:hk

B. M. EVELETH, M. D.
F. L. TABRAH, M. D.
P. O. BOX 98
KOHALA, HAWAII, ~~XXIX~~

August 30, 1961

Dr. Otto Degener
Hale Degener
Waialua, Hawaii

Dear Dr. Degener:

Thank you for your letter of 7 Aug - your suggestions are excellent, and will be included in our plan.

We have been thinking further about the photo vs drawing problem, and at this point are awaiting some cost estimates - color costs may not be as bad as they once were, as the new processes used are cheap, but good.

In any case, would you consider this arrangement - both you and Mrs. Degener would work with us as consulting Botanist and Pharmacognosist at \$100 a month each, for a basic two year period, plus expenses such as plane fares, etc. Then in the third year, we would ask for approximately \$5,000 in addition, for publication - this, I am quite sure (from a preliminary estimate from a printer here) would cover a 300 item catalog of 1000 words text (average) and one 4 x 5 4-color photo^{of each species}. Reference for each plate can be made to your excellent and already published drawings which it may be wise to supplement rather than duplicate.

All this, of course, is just a suggestion for NIH application planning - how does it strike you? I think the decision about illustration can really be put off for a while - but the rest of the work should start as soon as possible - hence our hurry to get all this submitted to the University.

Thank you for the Fiji reprints - very interesting.

Aloha,

F. L. Tabrah

F. L. Tabrah, M. D.

FLT:hk



Kilauea Volcano Eruption

The bubbling and flowing lava as seen in this night picture is breath-taking. Hawaii National Park, Island of Hawaii, Halemauuma Crater, Eruption.

HAWAII
QUICK CARD



PRAY
FOR
PEACE

Kilauea, 1-18-61
1961

Es ist schlimmer als ich
es ahnen konnte! Im
Gästebuch habe ich einige
kurze aber scharfe Be-
merkungen geschrieben.

Ihr sehr ergebener

V. Van Thiel

Herrn Dr. Degener

Wainana

Oahu

[Van Straalen
Galapagos
specialist]

C4879A

Distributed by Movie Supply of Hawaii, Honolulu

Sept. 4, 1961.

Dr. F.L. Tabrah, of the Department of Botany, University of Hawaii,
Honolulu, Hawaii.

Dear Dr. Tabrah:

Mrs. Degener and I have your August 30 letter before us.

The Flora Hawaiiana project, I fear, must be the primary one for us Degeners, and the BHM one secondary. But as we see it, the former actually complements the latter.

Mrs. Degener, of course, lacks the facilities for microscopic and chemical assay of the purported medicinal plants of Hawaii and the familiarity with them that she has with the drug plants used in Europe. We shall therefore be glad to accept the two year arrangement as consultants suggested in your letter of August 30 provided the above are not involved in our duties. We believe microscopic work in identification will just about be nil unless an occasional, ancient burial is discovered. Macroscopic identification will probably suffice, with some boiling and dissecting of the specimens collected from the Hawaiians. This should keep us happily busy for the two years as it will involve considerable checking & comparing with material at the Bishop Museum and elsewhere.

We are of course curious about your and Dr. Eveleth's methods regarding the project. How about mailing us copies of a half dozen or so typical filling cards to get us better acquainted with the mechanics of the project?

I am sorry we did not meet in Honolulu between Congress sessions during the past two weeks.

Very Alphonse from Mrs. Degener & myself to Mrs. Tabrah and to you.

9/21/61

B. M. EVELETH, M. D.
F. L. TABRAH, M. D.
P. O. BOX 98
KOHALA, HAWAII

September 14, 1961

Dr. Otto Degener
Hale Degener
Waialua, Oahu, Hawaii

Dear Dr. Degener:

Thank you for your last letter and the folder.

I have two questions needing a reply at your earliest convenience.

1. What titles or description of your and your wife's academic status should I put on the N.I.H. form?

2. What is the best choice of repository of our plant specimens--you mentioned several, and perhaps one should be designated for the N.I.H. write-up.

Thank you again.

Sincerely,

F.L. Tabrah, M.D.
F. L. Tabrah, M. D. *per BMS*

FLT:hk

9/4/61
Tabrah

Sept. 16, 1961.

Dear Dr. Hocking:

I wish you would help us out. Drs. Tabrah and Eveleth (both M.D.s) of P.O. Box 98, Kohala, Hawaii, contemplate writing (with Mrs. Degener & myself as Bot. consultants) a work centering about native Haw. nat. medica.

Mrs. D. and I consider such a study fraught with danger unless the medicinal plants gathered by the natives are actually pressed, properly labeled and permanently preserved in some institution as vouchers of the precise specimen that has been studied. We know, for example, in Cinchona that various forms or even strains of the very same species vary enormously in chemical content. To say that Solanum nigrum L., from the Hawaiian Islands contains such & such, and is used by the natives as a cough med. in Kohala may give a wrong slant on the plant. The species on Molokai, for all we know, may not be the same strain as the Kohala one.

Depositing such plant vouchers in the Haw. Islands seems too much like sending coals to Newcastle. Where on the Mainland should such herb specimens be mailed: Alabama Polytech., Lloes in Cincinnati or where? I know CIBA makes use of the well-kept herbarium & Bot. Garden in Geneva from conversation during the recent Pac. Sc. Congress with Dr. Hurlimann.

Please write me your reaction, and mail a carbon to Dr. Tabrah to save time as he wishes to add such information to his application for a Government grant for the project.

We had a stimulating couple of weeks here at the Congress - it would have been fun showing you around the Islands had you been able to come.

Aloha,

AUBURN UNIVERSITY

AUBURN



ALABAMA

SCHOOL OF PHARMACY

TELEPHONE TUNED 7-6511

22 Sept. 1961

Dr. Otto Degener
Hale Degener
Waialua, Oahu
Hawaii

AIRMAIL

Dear Dr. Degener:

I was very much interested in your airmailed letter of 16 Sept. relative to the project of Drs. Tabrah and Evelyn being undertaken with you and your wife. It seems to me that this is a most worthy project and none too early in view of the gradual dying out of aboriginal knowledge of native medicine.

We would be very happy to cooperate with you here in the permanent preservation of your herbarium specimens, which we recognize as a most essential link in the chain of evidence for the recognition and verification of the flora.

Unfortunately, our facilities (physical) for storage of specimens is rather limited in this School, since we have only a single herbarium case at the present time. It occurred to us that since you are applying for a government grant for this project, possibly provision could be made for supplying us with an herbarium case set aside for the reception of your specimens only. In the event of larger amounts of material than could be accommodated, the request might be broadened to suit.

I am sorry that I could not attend the Pacific Science Congress and have the pleasure of visiting with you and other friends who were in attendance.

The name Alabama Polytechnic Institute has now been changed (a year ago) to Auburn University. ~~and~~

Relative to Lloyd Museum, it is my belief that this has been closed out and the collections distributed. Only the library remains.

Kindest best wishes, as ever.

Sincerely

George M. Hocking

George M. Hocking
Professor of Pharmacology

CC: Dr. Tabrah

1/24/69.

Dear Dr. Steere:

I herewith submit my annual report for 1961.

Due to the depletion of NSF funds, Books 6 of the Flora Hawaiiensis during the year increased by a paltry 10 pages. Because our personal funds, likewise, were limited for printing sheets for the Flora, Mrs. Degener and I, or I alone, produced the following articles in various publications at practically no expense:

Degener & Degener
Green Hawaii: Past, Present, and Future of an Island Flora. Pac. Disc.
14(5) : 15-17. 1961

Degener & Degener
A New Hawaiian Variety of Capparis. Phyt. 7(7):369. 1961

Degener & Degener
A New Dodonaea from Molokai, Hawaii. Phyt. 7(9):465.

Degener & Degener
Gouldia in Hawaii. Phyt. 7(9):465-467.

Degener, Otto
Scaevola Misconceptions. Taxon 10 : 227-228. 1961.

Some book trivial newspaper
A few book reviews and articles chiefly dealing with local plants
or conservation were written of which we retained no records.

The year was a stimulating one due to the meeting of the Pacific Science Congress in Honolulu. We gave a paper on Conservation, conducted a field trip, and had as guests at our beach home members of the UNESCO Committee on Humid Tropics. As our material contribution to the success of the Pac. Sc. Cong., we donated \$1,753.00 worth of Floras to this body for free distribution to the visiting scientists.

It was rather revealing that the Congress members were vitally interested in the illustrated descriptions of the pantropic species and just mildly so in species not represented in their home countries. This attitude is precisely the reverse of that of the ~~NSF~~ NSF examiners deciding on grants in aid.

We botanized during the year on Kauai, Molokai, Maui, Hawaii as well as on the home island of Oahu.

The future for continuous botanical work is bleak as NSF funds have been depleted, and there is no evidence that it will be renewed.

Respectfully submitted,

IV. RESOLUTION:

WHEREAS, the State of Hawaii has not yet adopted a State Flower,
and

WHEREAS, it is most appropriate that endemic species be selected to
represent the State of Hawaii, and

WHEREAS, the KOKI'O KE'OKE'O (*Hibiscus arnottianus* (GRAY) is an
endemic species whose flowers are fragrant and of great beauty and simple
form, and

WHEREAS, the above mentioned species is deemed to be eminently
worthy of representing the State of Hawaii,

THEREFORE BE IT RESOLVED, that the Conservation Council for Hawaii at
its Tenth Annual Meeting strongly recommend to the Governor and members of
the Second State Legislature that it officially adopt the above named
endemic species as the State Flower for the State of Hawaii.

Box 210 P.O.
Alice Springs
Northern Territory
Australia

Dr. Otto Degener B.S., M.S.
Botanist,
Honolulu
Hawaiian Islands.

17-5-1962

Dear Sir,

I am studying to become a botanist and am in 1st year Botany, and in the course of my studies, am trying to set up a library of reference books.

I wondered if I could purchase or obtain a copy of your *Flora Hawaiiensis* for myself. I once had the pleasure of perusing a copy Mr. George Chippendale, Government Botanist here has and I thought I would like a copy for my own reference.

If you have any available, would you please advise me of the costs.

Yours sincerely

Robert F. G. Swinbourne

ROBERT F. G. SWINBOURNE.

Waialua, Oahu, Hawaii, U.S.A.
May 22, 1962.

Dear Mr. Swinbourne:

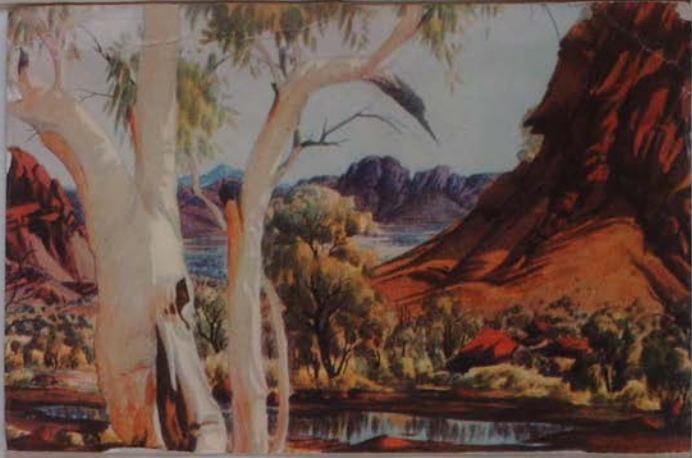
I am surprised your letter, addressed simply to Honolulu, ever reached me. I live on the north side of this island, 30 miles from the city. I guess the postman looked in the 'phone book to trace me.

You certainly have an interesting part of the world to explore botanically. As you know, many of the weeds and ornamentals in Hawaii and Australia are the same. Of course, you must have many endemics of profound interest. If you want to be famous ten to 20 years hence, I advise you to make herbarium specimens of these, properly labeled. Then mail them as gifts to such institutions as the Royal Botanic Garden, Kew, Surrey, England or to the British Museum, Cromwell Road, London. I bet many of your present finds will be extinct ten or more years hence, and the major botanical institutions will be so grateful for your wisdom in having at least collected material for study. You need not identify the plants to the species. Monographers will do so sooner or later, and with considerable accuracy. Just get them down to the genus.

It costs me close to \$50 to print a single illustrated 2 pages of my book in an edition of 25,000 copies. That is why my Flora is expensive. Don't you really want it for study rather than for looks? If you are not fussy, I will gladly mail you copies that are damaged, due to shipping or otherwise, at a reduced price. How about answering in an airmail postal? The price would be about half - I guess in your money a couple of pounds or so. OR, if you wish, don't send me money. We live at the beach and have a cement floor. How about sending me some pandan or other mats for it in exchange for the books? At Alice Springs you should be able to pick up something nice in that line from the aborigines.

The new set of the Flora comes to \$11.50; why not get the cheaper, banged up one? The choice is yours.

Aloha,





Box 210 P.O.
ALICE SPRINGS
N.T.
AUSTRALIA

To Dr. Mrs. Otto Degener
Wishing you a
very merry Xmas
& Season Greetings
& thanking you

ABORIGINAL ARTIST: ALBERT NAMATJIRA

Morning in the MacDonnells
The STAMPS on envelope are latest.

very much for the
books you sent me
They have proven
most useful.

I thought you may
like this card as it
can be framed as
a scene. It is taken
from an original
painting by our famous
artist, depicted in left
corner. Kind regards
to you both Yours
Sincerely Robert F.G. Swinbourne
Printed in Australia

Royalties are paid on all works reproduced
by this side publishers The Legend Press.

FOLD FLAPS BEFORE MOISTENING ADHESIVE

48, Hunt 1-5, 8, P.H. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000

Overseas Service
AEROGRAMME
By Air Mail · Par Avion



Mr. Otto Wegener
Waialua, Oahu,
Hawaii
U.S.A.

SECOND FOLD HERE

SENDER'S NAME AND ADDRESS.

ROBERT F.G. SWINBOURNE.
Box 210 Post Office
ALICE SPRINGS.
Northern Territory, Australia.

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

SLIT HERE

ROBERT F.G.
SWINBOURNE.

①

Box 210 P.O.,
Alice Springs
N.T. Australia
28/5/1962

Dear Mr. Otto Sengen,

It was with very much pleasure

I received your letter.

Yes indeed ours is a very interesting part of the world & I find it a most interesting part of Australia.

I am making a personal study of the genus *Bassia* Hill. (Chenopodiaceae) or (Salicaceae) and have quite a lot of species of this genus which I now hold in my private collection. Do you have a herbarium or are you a freelance Botanist? I know very little really about the Botany & operations of Botanists in your part of the world.

If you have a herbarium & would like some duplicates of some species of *Bassia* Hill. I would be only too pleased to forward same.

I am 26 years of age and am presently studying to gain full qualifications or degree in Botany, and am employed in the Government Herbarium here.

In regards to your note re-Flora. no I am not in a hurry as it is indeed the principal reason for wanting your Flora. (STUDY) So I have forwarded herewith a money order to cover one of your cheaper editions.

As regards mats etc, these are hardly come by here as our natives are either too primitive or got to much welfare training to make such things. The natives in the north of here. (Darwin & Gulf of Carpentaria) do make them but we rarely see them here.

Do you practice systematic Botany or not?

Your Island must indeed be an interesting one botanically.

Someday I may have the pleasure of viewing Hawaii & maybe even get to meeting you. (but of course this will depend on me getting rich or something like that)

Well sir I will close for now,
Looking forward to receiving your Flora & hearing from you again
Yours sincerely Robert F.G. Swinbourne

Jan. 4, 1963.

Dr. W.G. Steere, Dir.,
N.Y. Botanical Garden,
Bronx Park, New York, N.Y.

Dear Dr. Steere:

During the year Dr. Isa Degener and I published with the aid of a grant from the National Science Foundation 92 illustrated pages for Book 6 of the "Flora Hawaiiensis or New Illustrated Flora of the Hawaiian Islands."

Additional publication consisted of the description of Hawaiian novel-
ties with Dr. Sherff in Sherff, E.E., Miscel. Notes Am. & Haw. Dicot.
Occas. Pap. Bish. Mus. 22(12) : 208 - 213. 1962.

For lack of funds, field work was limited to about fifteen full days on the "home" Island of Oahu.

December 10 Mrs. Degener and I represented the Garden at the services held for our friend the botanical explorer and Oriental linguist Dr. J. F. Rock in Oahu Cemetery, Honolulu. The service consisted of a short biography of the deceased followed by the placing of two ti (Cordyline) leaves, one with broken kukui nuts, on the urn by a Hawaiian kahuna or priest, a retired forester and intimate friend.

New Caledonia, Australia, Fiji, Samoa, Tahiti and the Marquesas.

varieties and forms from central Africa to Korea and Japan, Malaya, Papua
Respectfully submitted,
Extra Range: If this is a polymorphic species, then it occurs in numerous

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

20 February 1963

Dr. Otto Degener
Waialua
Oahu, Hawaii

Dear Otto:

Thanks for your good wishes. I am now feeling fit, although the weather is still all kinds. My secretary says your idea of including Hawaii in the Garden is a good one.

I confess I cannot quite see through the problem of the Bataceae. The name of the plant, true enough, is Batis, but it seems to have been derived from a Greek word Batos. In the Latin dictionary, however, the word Batis is found and this would make, as you say, Batidaceae. The curious thing is that both words seem to apply first to a kind of fish and, secondly, to some unknown plant. The whole thing is a muddle and I shall have to hunt somebody who knows more about it than I do. Incidentally, not all Greek words ending in is form a stem ending in id. It is a common error, especially of plant pathologists, to suppose that the genitive of Agrostis is Agrostidis. In fact, it is the same as the nominative.

As for the Parkeriaceae, remember that the Code permits the derivation of a family name from a synonym of a generic name. Compare, for instance, the Fabaceae from a now non-existent generic name.

We were all very much gratified, interested and mystified by your anonymous medal. I trust that the matter will be cleared up. I will see if I can find out who you should write to for information. I haven't this at hand now.

The passing of Mr. Monachino does leave us a bit short-handed and we do miss him for some of the things he was doing. I know that Bassett is looking for someone to take his place.

With best regards to you and Isa,

Sincerely yours,

Rick

H. W. Rickett
Bibliographer

HWR:d1

Leiden, 28.3.1963

Liebe Degeners,

In den letzten Wochen hat mich die Beschäftigung mit den Styphelien des Pazifik und speziell mit denen von Hawaii noch einmal^{an} meinen Aufenthalt bei Ihnen erinnert - es waren besonders schöne Tage, voll von Erleben, von denen man später im Gleichmass der beruflichen Arbeit, von Essen und Schlafen noch lange zehren muss. Was ich nun im nächsten Heft der "Blumea" über die pukeawe von Hawaii schreibe, ist nur eine kurze Zusammenfassung meiner Erfahrungen im Feld und eine nomenklatorischer Exkurs unter Einbeziehung der von mir studierten Holotypen im Herbarium von Asa Gray. Davon ausgehend, könnten Sie jetzt beide Arten für die Flora von Hawaii fertig machen. Eventuell könnten bei uns die betr. Zeichnungen gemacht werden, doch müsste dafür erst die Zustimmung der Direction vorliegen. Unsere Zeichner sind ziemlich stark besetzt. Aber im Tausch mit Hawaii-Pflanzen (wie schon einmal) lässt sich das wohl arrangieren. Prof. Van Steenis ist über jeden Zuwachs von Pacifik-Pflanzen im Reichsherbar erfreut, im Zusammenhang mit den hier bearbeiteten Pacific Plant areas, wovon jetzt nach 2 Jahren Warten - die ersten Druckbögen (aus Manila) vorliegen.

Vor einiger Zeit habe ich Ihnen eine Xylosma-Zeichnung mit Kommentar per Schiffspost^{zurück} gesandt.

Unter den von mir im Bishop Museum studierten Styphelien befand sich auch eine *S. acerosa* var. *oxycedrus* von Rapa, Stokes 400 und 421, die ich jetzt als eigene Art *S. rapae* beschrieben habe. Ich habe damals mich nicht entschlossen können, sofort ein Etikett beizufügen, bitte Sie nun, die betr. Etiketten bei einem Ihrer nächsten Besuche an das Herbar auf die betr. Bögen zu kleben. Miss Neal braucht davon nichts zu wissen.

Habe seit langem nichts mehr von Ihnen gehört, hoffe dass es Ihnen gut geht. Wenn alles klappt, gehe ich im Juli nach Kuching (Sarawak) zum UNESCO Humid Trop. Research Symposium, und bleibe anschliessend noch etwa 2 Monate in Sarawak, Brunei und N. Borneo (Kinabalu...) für meine Ericaceen studien. Angela geht im Sommersemester nach Freiburg und wird dann auch mal einen Besuch bei Isas Mutter machen. Mit besten Grüßen, wie immer

Dr. Theodor Philipp Haas.

514 South 44th Street,
Philadelphia 4, Pa.

Den 2. April 1963.

Liebe Degeners!

Es war wirklich sehr nett von Ihnen, mir eine Brochure eines Helmes in Waikiki zu schicken. Ich war am vergangenen Samstag (30. März) bei Dr. Brown und habe ihm diese Brochure verehrt; er hat sich sehr dafür interessiert. Für den Botaniker aber, dem sie ragedacht war, kommt so etwas nicht in Frage. Obwohl er viele Pflanzen der gemässigten und Tropenzone gesehen hat, eine Pflanze, an der Geld wächst, ist ihm nicht bekannt. Sie ist auch nicht im Index Kewensis vermerkt. Es ist eben nichts vollkommen auf dieser Welt! Es mag das Heim für Honolulu Verhältnisse nicht teuer sein, aber ich könnte mir so etwas nicht leisten. Offengestanden möchte ich auch so wo nicht meine Zelte aufschlagen. Vor allem muss man Rücksicht auf alte Leute nehmen. d. h. man muss z. B. den Radio abstellen, wenn die Leute um 10 oder 11 Uhr schlafen gehen wollen, man muss gut gekleidet sein und das ist für den Pflanzen studierenden Botaniker auch nicht so einfach. Ich denke viel an Honolulu und ich besprach die Probleme am Samstag mit Dr. Brown. Es ist dort "ewiger" Frühling, mit dem wir hier jetzt anfangen. Mein Problem ist, ob ich es als Europäer, der an die kulturellen Dinge, mit denen er in München aufgewachsen ist, auf die Dauer, ohne diese, in Honolulu glücklich bin. Wenn ich meine Brücken in Philadelphia abbreche, ist ein Zurück sehr schwierig. Ich denke, durch die Universität,ssen wir für 3 Monate, ein mobliertes Zimmer zur ebenen Erde zu bekommen, wo ich bei schönem Wetter im Freien sitzen kann. Wir haben uns ja schon einmal darüber unterhalten. Herr Dr. Taussig versprach mir in freundlichster Weise seinen Beistand. Ich möchte das haben, was ich in Philadelphia habe, wenn es auch ein klein wenig mehr kosten sollte, möchte aber mein Philadelphia immer beibehalten, sodass ich wieder zurück kann. Für eine kurze Weile werde ich das schon machen können. Ich muss auch sehen, dass ich in H. nicht so einsam bin. Ich bin am 25. Mai wieder bei Dr. Brown. Ich habe Herrn Dr. Taussig gefragt, wann ich im Juni auf der Bildfläche erscheinen soll. Ich möchte diesmal nicht nach der Hawaii Insel gehen und in Honolulu bleiben. Dort habe ich mehr Anregung. Was ich heuer sehen möchte, ist die Insel Kauai, wo ich noch nicht war und dann möchte ich auf Maui das blühende Silberschwert sehen und photographieren. Im vorigen Jahre war ich zu spät dran. Ich möchte das sobald als möglich, im Juni tun und hoffe nur, dass mir meine "Unkrautfreunde" wieder helfen. Meine Dattengeschichte wird jetzt wohl gedruckt werden. Der Streik in New York ist jabeendet. Meinen Brief über meine Beobachtungen an Carludovica und Cyclanthus habe ich mir schon aufgesetzt und ich habe auch die Adresse des Cyclanthus Spezialisten, bin aber zum Schreiben noch nicht gekommen. Es wird jetzt auch schon langsam Frühling und da bin ich zu einigen Autofahrten eingeladen worden. Haselnuss, Ulmen, Erlen blühen und jetzt sieht man auch die Fappelkätzchen. Der Silberahorn hat schon lange abgeblüht; den Rotahorn habe ich aber noch nicht zu sehen bekommen; er muss aber auch schon blühen. Auch die Forsythien blühen jetzt. In Ihrem schönen Paradies werden Sie diese Pflanzen der gemässigten Zonen längst vergessen haben. Es ist ja hier ein unfruchtbares Land: Keine Bananen, keine Palmen. Man kann gar nicht begreifen, wie so wo die Leute leben können! Deswegen flieg ich wieder nach Hawaii! Das einzige, was mir warm gemacht hat am TV war die Brandung von Hawaii mit dem Brandungsgeraus. Ich habe mir den japanischen Baby-Fernseher "Sonny" angeschafft, suche mir aber aus dem schrecklichen Programm die paar Weinbeerln heraus, die man anschauen kann. Ich verstehe nicht, wie sich die Leute stundenlang vor einen solchen Unsinn hinsetzen können. Fremde, die zu einer amerikanischen Familie eingeladen werden, beklagen sich, dass man sie bittet, TV zu sehen und niemand spricht ein Wort mit ihnen. Am 13. April muss ich vor Bienenzüchtern einen Vortrag halten. Ich werde zuerst über Bestäubung

* Ich habe mir auch eine Brochure für Honolulu bestellt.

sprechen und den Leuten neue Bilder von Fledermausbestäubung zeigen, die ich vor kurzem in Zeitschriften sah und koptierte. Ich weiss nicht, ob Fledermausbestäubung auch in Hawaii vorkommt, oder bekannt ist. Nachher spreche ich über meinen Hawaii-Besuch 1962, dem hoffentlich ein solcher 1963 folgen wird. Von Dr. Lamoureux habe ich nichts mehr gehört. Er wurde Vater, als ich in Honolulu war. Ich weiss nicht ob es ein Botaniker oder eine Botanikerin geworden ist. Augenscheinlich nimmt ihn aber der Sprössling so in Anspruch, dass er nicht schreiben kann. Was gibt es bei Ihnen Neues? Neue Pflänzchen? Hoffentlich sehen wir uns im Juni wieder und Ihre Frau Gemahlin fährt mich wieder mit Ihrem Volkswagen Bus. Sie ist ein ausgezeichnete Chauffeur! Frühlingsfieber gibt es in Hawaii nicht, denn da wäre man ja das ganze Jahr hindurch krank und würde riesige Arztrechnungen bekommen. Das geht nicht! Also, auf baldiges Wiedersehen und recht herzliche Grusse von

Ihrem

Herbert Philip Harris

May 25, 1963

Dear Irma,

Thank you so much for your letter about Otto's award from the Royal Academy in Sweden, and accept my apologies for being so slow in answering, but I have several good reasons. First, I only found your letter when we got home from Europe on April 26th, and second, the pile of mail and bills which I found waiting for me was so large that I haven't gotten to the bottom of it yet. Isn't it incredible how many time consuming things there are which have to be taken care of just to get along.

I am so happy to hear about Otto's award. There certainly is no doubt about the fact that he is the only Degener who has brought any real credit to the family name in the last hundred years. Grandfather and Uncle John were honest and respected, but that isn't so much of a trick if you have money. Otto has worked hard and it is nice to see that he gets the recognition which he so richly deserves.

We had a lovely trip which lasted almost three months. We did our usual routine of London, Paris, a visit to the Passavant cousins in Zurich, and then Venice and Florence, which are our true loves. This year we spent a week in Vienna and have fallen completely in love with it. Why didn't someone tell me about this years ago? We spent two weeks in Venice, we seem to go there for longer every year and then went to Florence for the aster festivities, which are very picturesque.

Do let us try to get together some time. I have been such a long time. Please, the next time that you write to Otto, give him and his wife my very best. He wrote me such a nice letter when mother died, and I have a horrible feeling that I never thanked him for it. I tried my best, but there were a few which got lost.

Mary joins me in sending our love.

As ever,

Geo.

May 30.

Dear Otto, Here is a letter to me
from George. He is a nice person.
I have known him well since he
was a baby, as I was in Quebec every
summer, almost, for 2 weeks.

Nothing new here. I have
put on a great deal of weight.
It's probably psychological (old age)
as I don't eat much. Very little
starch and sugar.

Alma,

Emma.

[Otto Segesser's sister]

Dr. Martin Sändig OHG

Wissenschaftlich-technische Literatur
Antiquariat/Sortiment Import/Export

62 Wiesbaden (West-Germany), den 29.5.63

Gustav-Freytag-Straße 5
Kabeladresse: SANDIQUAR WIESBADEN H/m

Herrn

Dr. Otto Degener

Waialua, Oahu, Hawaii/USA

Sehr geehrter Herr Dr. Degener!

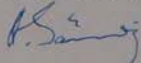
Wir danken für Ihre Bestellung und lassen Ihnen mit gleicher Post das gewünschte Buch von "Leunis" zukommen. Die Rechnung erhalten Sie anbei.

Wir haben mit Interesse von Ihren Veröffentlichungen Kenntnis genommen und werden diese laufend unserer Kundschaft mit anbieten. Wir hoffen, Ihnen bald Bestellungen übermitteln zu können.

Mit freundlichen Grüßen!

Dr. Martin Sändig OHG

1 Anlage



JOHN A. BURNS
GOVERNOR OF HAWAII



STATE OF HAWAII
DEPARTMENT OF LAND AND NATURAL RESOURCES

DIVISION OF FORESTRY
400 S. BERETANIA STREET
HONOLULU 13, HAWAII

DIVISIONS:
CONVEYANCES
FISH AND GAME
FORESTRY
LAND MANAGEMENT
STATE PARKS
WATER AND LAND DEVELOPMENT

June 5, 1963

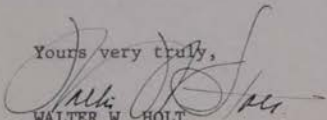
Mr. Otto Degener
Waialua, Oahu

Dear Sir:

The enclosed permit grants you the authority to botanize within conservation district areas with respect to your letter of May 31, 1963, but outside of watershed areas, such as Manoa, Kalihi, Nuuanu and Halawa.

I would appreciate a copy of your findings.

Yours very truly,


WALTER W. HOLT
State Forester
WWH:r

THE ARNOLD ARBORETUM
HARVARD UNIVERSITY
JAMAICA PLAIN — CAMBRIDGE — WESTON
MASSACHUSETTS. U. S. A.



JAMAICA PLAIN 30. MASS.

June 17, 1963

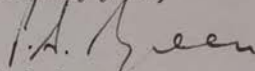
Dr. Otto Degener
Makuleia Beach
Waialua
Oahu, Hawaii

Dear Dr. Degener;

I was so happy to receive your postcard, even though it warns me of the dangers of being tripped up when moving around amongst Nestegis sandwicensis. But, to judge from what Dr. Howard and Dr. Theodore Dudley (whom I understand you also know, being a "Torreyador", and who has just recently joined the staff here) say I am sure you would not let a visiting botanist come to any harm this way.

Seriously though, thank you for your encouraging and kind reply to my letter. My hopes are pinned on getting the grant for which I have applied and I will write again when I hear whether I have been successful or not.

Sincerely yours,


P. S. Green

PSG:w

FRIENDS OF FOSTER GARDEN
Minutes of the Third Annual Meeting
Honolulu, Hawaii
June 17, 1963

The third annual meeting of Friends of Foster Garden, attended by over 120 members and guests, was held at the Ala Moana Center Banquet Hall. Palms and bromeliads from the Foster Garden collection were displayed in an arrangement by James Hubbard. Following a social hour and buffet dinner, the meeting was called to order at 8:15 PM by vice-president Loraine Kuck.

Paul Weissich nominated to honorary life membership, Colin and Nora Potter, in recognition of the many years of dedication and assistance they have given to Foster Garden. The motion was seconded and unanimously carried.

Mrs. Flave George read a citation naming Mayor Neal S. Blaisdell Foster Garden's "Friend of the Year", and Dr. Clay presented him with a gold pin. Mayor Blaisdell addressed the group briefly, calling attention to the accomplishments of the botanic gardens division in the past year, and pointing out the need for continued community effort to preserve Honolulu's green areas in order to prevent a concrete jungle appearance.

Volunteers who gave many hours to regular and special projects were awarded volunteer recognition pins as follows: SILVER - Miss Christian Deming; the Mmes. Harry M. Goda, Frances Crilly, Guthrie Lawyer, H. G. Corey, William Whitaker, Adrian Brash, J. A. Bell, Dan Liu, Miyono Moriwaki, Harry Shiramizu, C. Dudley Pratt, William Lanquist, Mabel Babcock, Margaret Birnie; the Msrs. Kalfred Yee, Jose Lopez, Charles Middleton, III, Fortunato Teho, (Dr.) Richard Hamilton, J. A. Bell, (Major) C. M. Wills, Jr., (Dr.) Charles Lamoureux, Yoshio Miyashiro, Kiyoshi Tshako, Masaichi Yamauchi. GOLD - Misses Loraine Kuck, E. J. Norton; the Mmes. A. A. Carswell, Flave George, Alma Merrill, Andre T. K. Hai, J. Scott B. Pratt, Marion Johnson, Harlan Benner, Colin Potter, Boyd MacNaughton; the Mrs. C. M. Wills, (Dr.) Horace Clay, J. Scott B. Pratt, Ted Green, Howrie H. Warner, Irwin Lane, Colin Potter.

Dr. Horace Clay read the president's report (see Supplement 1) and Mr. Weissich read the director's report (see Supplement 2). Mrs. Lewis gave a brief report on membership and a treasurer's report (see Supplement 3).

Oscar Kirsch read the list of nominations prepared by the nominating committee, consisting of Donald Anderson and Dr. Richard Hamilton, as follows:

Board of Trustees: Renominated after serving three years: H. H. Warner, Mrs. A. A. Carswell, Dr. Horace Clay. New members nominated: Major C. M. Wills, Jr., Charles Middleton, III, Kenneth Morley, Donald Anderson, James Hubbard, Kay Lewis.

Nominees to the Board of Trustees were elected unanimously.

Mr. Kirsch read the nominations for new officers for 1963-64, as follows: president, Major C. M. Wills, Jr.; vice-president, Mrs. Flave George; recording secretary, Charles Middleton, III; corresponding secretary, Kay Lewis; treasurer, Dr. Charles Lamoureux. The new officers were elected by unanimous ballot.

Foster
Gardens
6/17/63

Minutes of the Third Annual Meeting

-2-

Director Weissich, on behalf of Foster Garden and its staff and the membership of Friends of Foster Garden, thanked the retiring officers for their years of service.

Mr. J. Scott B. Pratt introduced Mr. David Barry, principal speaker of the evening. Mr. Barry presented an illustrated lecture on plant collecting for Honolulu. He is responsible for many of the unusual palms and bromeliads and other plants which are in the Foster Garden collection.

There being no further business, the meeting adjourned following the lecture.

Respectfully submitted,

Charles Middleton
Recording Secretary

FRIENDS OF FOSTER GARDEN
Minutes of the Annual Meeting

Supplement 1

President's Report

As your first officers prepare to turn over their duties to a new group, it seems appropriate to take a look back over the two and a half years of our existence, noting what has been accomplished and then considering what the future holds.

In the autumn of 1960 a small group of us who were interested in helping Foster Garden, and who felt that many others would feel the same way, got together informally. We acted as our own lawyer to draw up a set of By-laws and the application papers which would make us an official non-profit corporation under the laws of the State of Hawaii. I think we were all a little surprised when the document actually came through and we suddenly found ourselves in business. That was November, 1960.

We mailed out several thousand invitations and had our first invitational meeting early in 1961, right here in this room (Ala Moana Banquet Room). Those who came were the charter members. Others have continued to join until we have now reached a membership of about 600. We had our first annual dinner and meeting here in June. This is the third annual gathering tonight.

In this period we have established a pattern of yearly routine. This includes one or two sales of surplus plants from Foster Garden. Altogether these sales have brought in about five thousand dollars. This money has all gone to increase the number of new plants which have been introduced to Hawaii for the first time.

We have established an annual Plant Show as a service to the public. This year's show on the Living Lanai attracted a large crowd and was an outstanding success.

We have established a program of lectures, talks or demonstrations on the subjects which may interest our members. We have arranged outings to various branches of Foster Garden. This year we went to Wahiawa and to Koko Crater.

We have put out the Newsletter about once a month to keep you all informed of what is going on.

Finally, we have established this annual dinner and meeting for the entire membership as a round-up of the year's events.

In addition to these routine matters we have accomplished a number of special things the past year. Foremost among them was getting our own office and a paid executive secretary. Kay Lewis has worked many more than the hours she has been paid for and has straightened out and maintained all the complexity of business which has suddenly come our way.

Foster
Gardens
6/17/63

One of the projects we can be proud of is the completion of the first unit of our Orchid Garden, the Phaelanopsis Terrace. This first unit was developed through an anonymous gift of \$5000 given in memory of the late Dr. J. H. Beaumont. We will soon be putting up a bronze plaque in his memory.

Perhaps of most far-reaching effect was the bringing here of Paul Hutchison, senior botanist with the University of California. He has advised as to the development of Koko Crater, with its dry land plant exhibits, and through him we have already received some 1500 new plants from the University to grow permanently in Koko Crater.

In this connection we have made a donation from the Plant Sale funds of two thousand dollars to the next plant hunting expedition of the University of California. This will go to the headwaters of the Amazon River, with Paul Hutchison as its leader. From this we will get many of the new plants never before brought out of the wilds and we will get our name known widely as an active participant in such first-rate botanical research.

During the year we lost our first honorary member, Dr. Joseph F. Rock. In his memory we have set up the Rock Memorial Library. We have been collecting books for the past two years. We hope to canvas all the institutions around the world with which Dr. Rock was associated, asking for contributions of books in his memory. These will belong to our corporation and be available for use to those interested in plants.

We are continuing our battle to acquire the two acres at Nuuanu and Vineyard for expansion of Foster Garden. A special committee consisting of Mary George, Anne Benner, Marion Johnson and Scott Pratt has worked long and diligently and continues to spearhead our campaign.

Among the important events which we have started this year, but which have not yet been brought to completion is the opening of a shop and the publication of a journal.

The shop will be set up at the new entrance off the new parking lot at River Street. There we will sell postcards and films and all the various items which visitors may be likely to buy. Income will help to pay for our expanding activities.

We hope soon to begin putting out some kind of a journal covering botanical and popular subjects which we can circulate not only to members but to other botanic gardens and to institutions all around the world.

I have enjoyed serving as President of this organization and am very happy to be able to continue to serve you as a member of the Board of Trustees.

HORACE F. CLAY, President
Friends of Foster Garden

Foster Garden
6/17/63

FRIENDS OF FOSTER GARDEN
Minutes of the Annual Meeting

Supplement 2

Director's Report

I depart from routine by beginning this annual report by recognizing, with deep gratitude, the two important sources of life and sustenance which have produced a year worth reporting. Reference is made, of course, to the City and County of Honolulu--its Mayor and Council--and especially to Mr. Ted Nobriga, Director of the Department of Parks and Recreation, within whose helpful jurisdiction the Division of Botanic Gardens is organized. You will feel as strongly as I that the City and County has been a most generous, benevolent and wonderful "parent". Secondly, I refer to the Friends of Foster Garden, whose constant and remarkable assistance is deeply appreciated. If the City may be referred to as the "parent" organization, the Friends of Foster Garden is our "Auntie Mame"--you have produced enthusiasm, spice, and a large measure of sound counsel. A broad "mahalo" to you all.

A critical attribute of the past year was the completion of plans and specifications for all construction at Foster Garden. Under the architectural leadership of Mr. Harry Seckel, a fleet of consultants--architect and several species of engineers (structural, electrical, etc.) produced some 105 sheets of working drawings. Construction on the first increments--the entrance and parking facility and a new storage and potting house in the nursery--is underway. In addition construction will soon begin on toilet facilities and a waterfall-viewing belvedere in Liliuokalani Garden, in accordance with Mr. Seckel's plans. Completion of all current construction is scheduled for early fall.

We were pleased on August 24 last year to open the new Wahiawa Botanic Garden facilities--public parking, entry walk, office and toilet facilities. Since that time work in this garden has involved installation of sprinklers, clearing and planting--primarily in the aroid collection.

Other construction activities included the completion of the first increment of the Lyon Orchid Garden--the Phalaenopsis Terrace which will be dedicated to the late Dr. Herbert Beaumont. The planting of this increment was done by Foster Garden staff working under Ted Green. The planting will be expanded over the years as new material is made available to us. The next step in the Orchid Garden project has been initiated--bids on delivery of a considerable quantity of moss rock and sprinkler system elements were received last week. Seventy-five per cent of the "soil mounding" has already been completed. By the end of summer it is planned to complete the basic construction for the balance of the orchid garden and begin planting out available Foster Garden orchid specimens. The bromeliad garden, bordering the orchid garden, will also be started this summer. Mr. David Barry has agreed to assist us. We will make every effort to keep progressing on these two projects within the limits of existing funds and staff. Your questions and assistance will both be welcome.

I must report that no action has been taken relative to initiating construction for the Pre-historic Garden. It was decided to concentrate available energies and funds on the orchid project in an effort to approach a nearer state of completion.

Foster
Garden
6/17/53

Some of you will be interested to hear that necessary steps have been taken to re-open the Kapiolani Hibiscus Garden. We have been working there all spring. No definite date can be set, but I can report a "hopeful" fall season opening time if all continues to go well.

A last construction note involves the Koko Crater Botanic Garden site where the basic road system was graded. This job is still being pursued primarily by Ted Green working in conjunction with Mr. Roger James, who provides a free bulldozer. There is now a navigable road to, and around, the crater. Further work will be put in during the next few weeks to widen and smooth the basic road and also to clear a parking space at the entrance of the main crater.

Of prime importance to our Koko Crater planning was the consultation by Mr. Paul Hutchison financed by the Friends of Foster Garden. Mr. Hutchison is senior botanist at the botanic garden, University of California. He is an authority on dryland flora and rendered a service of tremendous value in both planning and plant accessioning. We have received some 1500 plants from his collection, including orchids for our orchid project and ferns for the Wahiawa site, as well as a number of dryland succulents.

It was during Mr. Hutchison's stay in Honolulu that the noted Dr. Joseph F. Rock passed away. Dr. Rock was associated with Foster Garden for over fifty years and was one of its greatest benefactors. In his honor the City has created the Joseph F. Rock Memorial Library at Foster Garden. May I take this opportunity to solicit your aid with this project by donating either funds or books to the Friends of Foster Garden earmarked for the Rock Memorial.

I shall touch only briefly on our plant exchange program. Through financing provided by the Friends of Foster Garden some thirty shipments were sent out to contacts all over the world. In return we have received a number of new things which will possibly be the subject of a lecture-meeting and display later this year. Suffice it to say that the program continues to move ahead. Through Paul Hutchison, incidentally, we have made a series of new contacts of considerable worth in Central and South America, Germany, Madagascar and East Africa.

A very important aspect of the Division's work, and one which is very time-consuming, revolves around the street tree program. The past year saw the delivery of the first increment of modern tree maintenance equipment. The current budget authorizes funds for the purchase of a second increment. Construction funds were made available for a series of tree planting and civic beautification projects, a number of which were completed and some are currently under construction. I am advised that additional funds for further tree projects are authorized in the new budget. Of prime importance was the writing and submission of a street tree ordinance, Honolulu's first. It is now under legal review by the Corporation Counsel and will be submitted to the community upon its release by that office.

Rather than pursue complete details of the financial structure, personnel and other phenomena of the Division of Botanic Gardens during the past year, I summarize by noting the following:

Last year (fiscal 62-63) the City provided for the Division of Botanic Gardens

1. a workforce of 46 men and 2 women

Foster
Garden
6/17/53

2. payroll for these workers amounting to \$229,000
3. \$11,800 for materials and supplies
4. \$62,000 for new equipment for the street tree program primarily
5. \$75,000 to begin construction at Foster Garden
6. (the State gave an additional \$30,000 for Liliuokalani Garden.)
7. Sent the Director to San Francisco in August to represent Hawaii at the International Shade Tree Conference.
8. provided \$60,000 for various street tree projects
Keep in mind that the City had just completed payments on the new land along Nuuanu Stream—a bill of \$600,000.

In the current budget, that is for July 1963—July 1964, my latest information has the following notes:

1. work force to be augmented by a 4 man street tree planting crew
2. \$247,000 payroll
3. \$17,225 for materials and supplies
4. \$55,120 for new equipment for street tree program primarily
5. \$100,000 for various street tree projects
6. \$365,000 for land acquisition (the now famous--and probably the world's most famous--two acres!)

You will agree, I am sure, that the City is in back of us all the way.

I am also sure that you join me in extending our thanks and approving smiles to the Mayor and Council.

One tremendous source of assistance in operating our botanic gardens and in serving the public has been the remarkable devotion and persistent work rendered by the volunteers of the Outdoor Circle. This program, now in its eighth year, has been of untold value. Details of their services have been noted in prior annual reports. We take pride in noting another year of wonderful assistance which is herewith acknowledged with hearty thanks.

In closing may I again thank every one of you who has helped us so much the past year and leave with you my sincere hope that you will continue to support your Honolulu botanic gardens during the coming year.

PAUL R. WEISSICH, Director
Honolulu Botanic Gardens

FRIENDS OF FOSTER GARDEN, INC.

Foster
Supplement 3. Gardens
6/17/53

Financial Statement - Year Ending May 31, 1963

ASSETS:

Cash in Bank, May 31, 1963	\$1919.72
Cash in First Federal Savings & Loan, May 31, 1963	<u>2912.01</u>
Total Cash	\$4831.73

Total Assets:

\$4831.73

LIABILITIES:

Orchid Memorial Garden Fund	\$ 89.17
Plant Exchange Fund	1960.85
General Endowment Fund	1500.00
Rock Memorial Library Fund	<u>24.60</u>

Total Restricted Funds	\$3574.62
Payroll Taxes Payable	<u>109.25</u>

Total Liabilities:

3683.87

Membership Equity:

Balance, June 1, 1962	2359.90
Excess, Expenses over Income for period June 1, 1962 - May 31, 1963	<u>1212.04 *</u>
Membership Equity, May 31, 1963:	<u>1147.86</u>

Total Liabilities and Membership Equity:

\$4831.73

Income and Expenses - Year ending May 31, 1963

INCOME:

Membership Dues	\$2866.25
General Gifts	329.50
Interest on First Federal Savings & Loan	312.01
Additional Fees, Morning Glory Course	<u>9.00</u>
Total Income	\$3516.76

EXPENSES:

Secretarial Salary	\$1600.00
Volunteer Expense	305.60
Office and Membership Expense	1031.84
Meetings Expense	33.18
Shop and Building	393.82
Scholarships	213.00
Land Acquisition Matter	116.83
Library Expense	17.75
Taxes (Payroll, Workman's Compensation, etc.)	150.66
Equipment Purchases	313.25
Spring Plant Show	<u>552.87</u>
Total Expenses	<u>4728.80</u>

Excess Expenses over Income:

\$1212.04 *

Prepared after audit by C. M. Wills, Jr.,
for Treasurer, August 1963.

6/21/63
Dr. Theodor Philipp Haas.

514 South 44th Street,
Philadelphia 4, Pa.

Den 21. Juni 1963.

Lieber Herr Dr. Degener!

Seeben kam "Science" und da las ich unter "Scientists in the News":
Otto Degener, collaborator in Hawaiian botany, New York Botanical Garden,
has received Linné medal from the Royal Swedish Academy of Science..
Ich möchte Ihnen zu dieser Auszeichnung recht herzlich gratulieren. A Dröppferl
davon, denke ich, geht auch zu Frau Dr. Gisa! Goebel erhielt einst die goldene
Medaille der London Linné Society. Also auf zu weiteren Taten!
Ich bin also am 29. Juni wieder im so wunderschönen Honolulu und, wenn es ein
Telephon gibt, werde ich mich bemerkbar machen. Dr. Taussig ist so wundervoll
mit mir und hilft mir so gut. Ich werde mein müdes Haupt zunächst wenigstens,
in Islander Hotel in Waikiki hinlegen. Diesmal bringe ich Farbdias für Vor-
träge mit. Ich hoffe dazu Gelegenheit zu haben, zuerst bringe ich meine 1962
Hawaii Bilder mit. Dann habe ich meine Bilder zu einem Vortrag "Botanische
Reisen in Kolumbien und Peru" zusammen gestellt. Hier zeige ich die Bilder von
meiner unvergesslichen Fahrt von Lima ins Amazonental. Die Reise machte ich
1959. Der dritte Vortrag heisst: "Blüten". Da spricht der Morphologe und ver-
nachlässigt dabei vollkommen die Systematik. Das ist sicherlich nicht schön
von einem Botaniker, aber dieser denkt, doch die Geschichte recht interessant
zu gestalten. Ich will zuerst an Hand von der Blüte von Gynadra gynadropsis
zeigen, was eine Blüte ist. Das zu erklären ist nämlich gar nicht so einfach.
Ich zeige dann Blütentypen, radiäre und dorsiventrale Blüten, dann kommt Hetero-
style, Eingeschlechtlichkeit und einhäusige und zweihäusige Pflanzen und auch
Scheinwitter. Es folgen dann sexueller Dimorphismus und die Auffälligkeit von
Blüten verursacht durch andere Organe als diejenigen des Perianths. Dann spre-
che ich von sog. Pseudanthien, blütenartige Infloreszenzen. Ich komme dann
zur Bestäubung, Insekt-Flüdermaus Bestäubung. Ich bringe dann Bilder, von beson-
ders interessanten Fällen, wie die Bestäubung bei Ophrys, Aristolochia, Vanda
(als Beispiel für Bestäubung mit Pollinien) Asclepiadaceen (Asclepias und
Dischidia) und schliesse mit der unerklärten Rückkehr von Angiospermen zur
Windbestäubung. Ich bringe hier Bilder von Ambrosia trifida, dem Ragweed, der
Heufieber verursacht. Ich habe Bilder fast von der ganzen Welt herausgesucht
und so glaube ich die Geschichte recht interessant zu machen. Wenn ich in Hono-
lulu bin, schreibe ich dann eine Liste der Bilder. Einen Projektor werde ich
hoffentlich in Honolulu vorfinden. Den meinigen mitzunehmen, rentiert nicht;
er ist zu schwer. Ich habe dann noch ein paar interessante Bilder bei mir.
Ich habe einen Bekannten, der Imker ist und dieser bat mich, seine Bienen zu
photographieren. Ich habe wirklich auch recht interessante Aufnahmen machen
können, ohne dabei ein "Opfer der Wissenschaft" zu werden. Ich bekam gestern
auch eine Drucksache von der Hawaiian Botanical Society. Ich möchte gerne Mit-
glied werden, wenn ich auch auf der andern Seite der U.S. hause. Ich bin Mit-
glied des Philadelphia Botanical Club. Dieser macht, mit Dr. Wherry als Führer,
am 29. Juni eine Excursion in die N.J. Pinebarrens, meine "Feeding Grounds".
Sie hatten heuer dort viele Feuer. Soweit das Wissenschaftliche.
Ich habe allerhand bei mir Radio (FM) und nun auch TV. Ich finde das letztere
ausserordentlich interessant, wenn ich auch nicht verstehe, wie die Geschich-
te geht. Ich hoffe, in Honolulu auch die Sattelite-Übertragungen von Europa
zu bekommen, wie wir sie in Philadelphia haben (Die Kennedy-Reise und die Rom
ereignisse, die ausgezeichnet kommen).
Also, nochmals, herzlichste Glückwünsche und dann auf baldiges Wiedersehen.

Ihr

Theodor Philipp Haas

Hunt Institute for Botanical Documentation

Waiānae, Oahu, Hawaii, U.S.A.
23 Juni 1968.

Lieber Herr Dr. Donke:

Wir haben Ihren Brief 7.6.68 bekommen, und jetzt haben wir ein kleines Paket fertig mit der fröhlichen Dryopteris. Was der Typus ist wissen wir noch nicht? Ob mit den braunen Schuppen oder schwärzlichen. Wahrscheinlich wird Brackenridge die Farbe angegeben haben. Dieses Werk haben wir natürlich hier im Hause nicht.

Ich erinnere nicht ob ich direkt jemanden in Berlin über die Dryopteris geschrieben habe oder einfach eine Notize flüchtig in eine Schachtel mit Dupletten für Berlin setzen habe. Ich weiss ganz genau dass ich nicht an Herrn Dr. Meyer schrieb weil ich ihn/ŷ nie gut kannte.

In der jetzigen Schachtel habe ich zwei Kliche eingelegt die vielleicht gebraucht werden könnten - vielleicht zum Lehren.

In meinem 8 Mai Brief habe ich geschrieben was wir über die "Dryopteris" soweit ausgearbeitet haben. Um aber etwas Druckwertes heraus zu bekommen, brauchen wir einen Koautor der sich Amerikanische Exemplare vor sich haben würde.

Ich fürchtete mich die unfertige Zeichnung mit den Pflanzen zu schicken, da so etwas sehr viel Zeit nimmt zu machen. Die könnte ich, wenn nötig, als Brief schicken. Es ist ein Habitusbild. Wir brauchen noch die Einzelheiten.

So langsam sammeln wir alles zusammen für unsere Arbeit auf Laysi - bis jetzt sind die \$2,000 noch nicht von Washington gekommen.

Können Sie 50 Dupletten von einer Nummer einer endemischen Pflanze gebrauchen für Ihren Wunsch mit anderen Museen? Um so eine Nummer mehr Wert zu geben, sollte eine gute Zeichnung gemacht werden, und die Pflanze kritisch identifiziert werden. Wir, ohne Bibliothek und Herbar hier im Hause, haben Schwierigkeiten so etwas zu tun. Vielleicht würde Berlin richtig dafür sein. Wir möchten natürlich solche Art in unserer Flora Hawaiianis Buch 7 drucken.

Möge nur Ica von Frau Degener und,

BOTANISCHER GARTEN UND MUSEUM
BERLIN-DAHLEM

Berlin-Dahlem, den 26.7. 1963
Königin-Luise-Straße 6-8
Fernsprecher: 76 46 72 - 74

~~Es wird gebeten, alle Antworten und Sendungen zu adressieren:
„An die Direktion des Botanischen Gartens und Museums.“~~

Herrn

Dr. Otto Degener

Waialua, Oahu, Hawaii, USA

Sehr geehrter Herr Dr. Degener !

Für Ihren Brief vom 22.6. mit den darin enthaltenen Berichtigungen zu meiner Arbeit danke ich Ihnen vielmals. Über die Bedeutung des Wortes "Mauka" hatte ich mir lange den Kopf zerbrochen. Mit Herrn Dr. Hörmann habe ich mich wegen eines Austausches unserer Hawaii-Dublekken in Verbindung gesetzt. Die Lebermoose Ihrer Sammlung haben wir soeben zur Bestimmung an Herrn Harvey A. Miller, Oxford, Ohio, geschickt.

Mit besten Grüßen

Ihr
W. Schultze-Motel
(Dr. Schultze-Motel)

The Rachel McMasters Miller Hunt Botanical Library

Carnegie Institute of Technology Pittsburgh 13 Pennsylvania

November 6, 1963

Dr. Otto Degener
Waialua, Oahu
Hawaii

Dear Dr. Degener:

I am very thankful for your kind letter of July 9. Please excuse my late answer, but you will understand that there are so many things to be done and plenty of letters to be written if one changes his environment from the Old to the New World. I think you are now back from your trip to Lanai, and I do hope it was successful to you.

Now we have got settled and met already a lot of kind people. Since October we have been owner of a car and made some fine trips on the weekends; especially we could admire the splendid fall leaf colors, although the dry weather--and thus the amount of dust--detracted a bit from the wonderful impression.

My work at the Hunt Botanical Library is interesting, but I have to do a lot of things so that the progress in the true study of books is not as rapid as one could wish. I am in this country on the basis of an exchange visitor, with an admission to the U.S.A. for one year which will be extended for another year. For the same time I got a leave of absence from Berlin. As far as I know it is not possible to get an immigration visa directly after the date of expiration of the exchange visitor's visa, but then must be two years spent abroad before you are entitled to re-enter the U.S.

I am very glad that Dr. Lawrence has provided a sum for me to take part in the next International Botanical Congress to be held at Edinburgh, August 1964. During the Adanson-Symposium which took place at the Hunt Botanical Library, August 18-19, 1963, I had the opportunity to learn to know many American botanists whose names I was familiar with but never saw before, and there were also some whom I had met earlier in Europe.

I hope you both are feeling well. Did the reprints and the drawing reach you in the meantime?

With best regards and good wishes,

Yours very sincerely,

G. Buchheim
G. Buchheim

GB/jak

Cable: HUNTBOTLIB PITTSBURGH Telephone 621-4619 Area code (412)

Hunt Institute for Botanical Documentation

Lanai
6 November 1963

Dear Otto and Isa:

Thank you for your notes that we found when we got home and your letters. Isa, thank you for feeding Candy the day you came by. Martha Willett was supposed to feed her but child-like I guess she forgot.

Have your letter with the keys to your house. I might get up this weekend and borrow our camp icebox, Carol Ann is having 3 friends over from Oahu for the weekend. There is no school on Monday, Veteran's Day. Carol Ann is beside herself with joy and can hardly wait for Friday afternoon.

Adolph went into town weekend before last for a checkup with Dr. Waite but it turned out to be a fruitless trip, Dr. Waite was called in for emergency surgery and Adolph never did get to see him. Adolph is fine, however, he works a full day now. If he gets too tired, he rests. We try to go to bed early week nights.

We thought so of you two when we went over the Munro Trail to gather mistletoe. It was a gorgeous day, crisp and clear and we had a wonderful time.

Otto, I do hope that you are better. According to your letter you go for your blood test tomorrow. I do hope that everything will be o.k. with you, and that you will be able to return to Lanai about the 14th.

The Finance Committee of the Legislature is spending the morning on Lanai today. Adolph is busy escorting some of them around. They will look at the airport, school and small boat harbor at Manele. They have lunch here and then go on to Molokai. From Molokai they go to Maui. Let's hope they see fit to do something about our airport. The DC-3's are pau this December and with them goes our transportation.

There is such a nice nip in the air -- so holidayish. We have had some rain but how island wide it was I don't know.

Heard from the Aldrich's. At the time Billie was visiting her home in West Virginia. Now, according to their itinerary, they are in Lisbon. I do hope they have a wonderful, safe trip. They will be travelling a lot.

Fondest aloha to you both and please let us know how you are.

Edlean

[Isa]

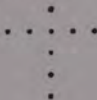
Part-Hawaiian architect
[Director of Lanai
a very special
me. Miss.]

SERVICE OF ETERNAL LIFE
FOR

GEORGE CAMPBELL MUNRO

Born: Clevedon, New Zealand May 10, 1866

Died: Honolulu, Hawaii December 4, 1963



The Organ Preludes

The Words of Eternal Life

"FOR GOD SO LOVED THE WORLD THAT HE GAVE HIS ONLY BEGOTTEN SON, THAT WHOSOEVER BELIEVETH IN HIM SHOULD NOT PERISH BUT HAVE EVERLASTING LIFE."

"I AM THE RESURRECTION AND THE LIFE; HE THAT BELIEVETH IN ME, THOUGH HE WERE DEAD, YET SHALL HE LIVE; AND WHOSOEVER LIVETH AND BELIEVETH IN ME, SHALL NEVER DIE."

"THE SOULS OF THE RIGHTEOUS ARE IN THE HAND OF GOD; THEY ARE IN PACE AND THEIR HOPE IS FULL OF IMMORTALITY; FOR GOD PROVED THEM AND FOUND THEM WORTHY FOR HIMSELF."

The Lord's Prayer (in unison - using the word "trespasses")

The Old Testament Lesson: (in unison)

"THE LORD IS MY SHEPHERD, I SHALL NOT WANT;
HE MAKETH ME TO LIE DOWN IN GREEN PASTURES
HE LEADETH ME BESIDE STILL WATERS
HE RESTORETH MY SOUL.
HE LEADETH ME IN PATHS OF RIGHTEOUSNESS FOR HIS NAME'S SAKE.
YEA, THOUGH I WALK THROUGH THE VALLEY OF THE SHADOW OF DEATH,
I WILL FEAR NO EVIL
FOR THOU ART WITH ME
THY ROD AND THY STAFF THEY COMFORT ME.
THOU PREPAREST A TABLE BEFORE ME IN THE PRESENCE OF MINE ENEMIES,
THOU ANOINTEST MY HEAD WITH OIL, MY CUP RUNNETH OVER.
SURELY GOODNESS AND MERCY SHALL FOLLOW ME ALL THE DAYS OF MY LIFE,
AND I WILL DWELL IN THE HOUSE OF THE LORD FOREVER."

The New Testament Lesson: (in unison)

"A NEW COMMANDMENT GIVE I UNTO YOU, THAT YOU LOVE ONE ANOTHER.....GRATER LOVE HATH NO MAN THAN THIS, THAT A MAN LAY DOWN HIS LIFE FOR HIS FRIENDS."

"PEACE I LEAVE WITH YOU, MY PACE I GIVE UNTO YOU. NOT AS THE WORLD GIVETH GIVE I UNTO YOU. LET NOT YOUR HEART BE TROUBLED, NEITHER LET IT BE AFRAID. IN MY FATHER'S HOUSE ARE MANY MANSIONS. IF IT WERE NOT SO, I WOULD HAVE TOLD YOU. I GO TO PREPARE A PLACE FOR YOU. AND IF I GO AND PREPARE A PLACE FOR YOU, I WILL COME AGAIN TO RECEIVE YOU UNTO MYSELF, THAT WHERE I AM, THERE YE MAY BE ALSO. PEACE I LEAVE WITH YOU, MY PACE I GIVE UNTO YOU."

The Meditation and Prayer

by The Rev. Abraham K. Akaka

The Benediction

FRIENDS OF FOSTER GARDEN

NEWSLETTER

July-August 1964

50 N. Vineyard Blvd., Honolulu 96817--Phone 571708

ANNUAL BANQUET

This year's banquet, held at the Pacific Club on June 23, was attended by 100 people.

Officers elected for 1964-65 are: C. M. Wills, Jr., president; Mrs. A. A. Carswell, vice-president; Kay Lewis, recording secretary; Charles Middleton, corresponding secretary. It was voted by those present to have the office of treasurer filled by the Board of Trustees during the year.

New members elected to the Board are Mrs. L.A.R. Gaspar, Dean Conklin, and Raymond Won. Re-elected to three-year terms are Miss Loraine Kuck, Mrs. J. Scott B. Pratt, and Fortunato Teho.

Named "Friend of the Year" was Miss Marie Neal, Botanist of Bishop Museum. The membership voted unanimously to present Miss Neal with an honorary life membership as part of her recognition.

Volunteer recognition pins were awarded as follows: (Silver) Mrs. R.G.A. Crowe, Mrs. Frank W. Broadbent, Mrs. L. A.R. Gaspar, Oscar Kirsch; (Gold) Mrs. C. Dudley Pratt, Mrs. H. G. Corey, Mrs. Harry Goda, H. Shirley Bush, Paul Lee, Masa Yamauchi, Yoshio Miyashiro, C. M. Wills, Jr. Additional pins will be awarded to other members, unable to attend the banquet. They will be announced in a later newsletter.

Speaker for the evening was Dr. George Gillett, Botany Department, University of Hawaii, who discussed the plants that South America has given the world. His lecture was illustrated by slides from the collection of J. Scott B. Pratt.

PLANT SALE IN THE OFFING

A plant sale is being planned for late this summer. Palms, cactus, some bromeliads, as well as interesting shrubs will be offered. Included in the shrubs is the rather spectacular red-flowering *Combretum*, which is now in flower along the Vineyard Blvd. fence.

ANNUAL REPORT

The annual report is being prepared and will be mailed to the membership as soon as completed.

AIEA LOOP TRAIL WALK

Dr. Charles Lamoureux, Botany Department, University of Hawaii, and a member of our Board of Trustees, has offered to conduct a walking tour of the Aiea Loop Trail above the medicine heiau on Aiea Heights.

The tour is set for Sunday, August 30. Members (guests are welcome) should follow Moanalua Rd. to Aiea town, turn right at the Bank of Hawaii onto Aiea Heights Drive, and follow the drive to Keaiwa Heiau State Park (approximately three miles). Continue through the park and on to the end of the newly extended road to the large parking area at the end of the road. You should plan to meet with the group there at 9:00 AM.

Dr. Lamoureux will discuss the plant materials along the trail in some detail, so bring notebook and pencil if you wish. The trail covers about three miles, is fairly level, and fairly easy walking. The walk will conclude about noon. The state park area provides an inviting picnic area for those who wish to bring picnic lunches.

We will not run a bus to this tour. If you need a ride, or are willing to offer a ride to others, call 571708 or 59373 and leave your name. We will do our best to help you.

STREET TREE NEWS

The Division of Botanic Gardens has furnished two types of trees for the new Makakilo subdivision near Barber's Point--about 150 *Tipuana tipu* and 100 *Koelreuteria*. Both trees have yellow blossoms, and should make an interesting display when they reach sufficient size, as this is a hillside subdivision and the trees should be visible from the highway.

This adds another 250 trees to the 22,000 street trees our Division of Botanic Gardens street tree section is obligated to care for.

LYON ARBORETUM TOUR

Dr. George Gillett has offered to conduct a tour of Lyon Arboretum some time in late October, weather permitting. Watch subsequent Newsletters for details.

July-August 1964

Foster Gardens
July-Aug-64
Page 2.

SUNDAY TOURS AT FOSTER GARDEN

During the months of July and August several volunteers have conducted a free public tour of Foster Botanic Garden, each Sunday at 2:30 PM. The response from the public has been gratifying, with attendance at 75-100. This will probably become an annual program.

Volunteer guides are: Mrs. Miyono Moriawaki, Mrs. J. D. Babcock, Mrs. R. N. McCullough, Mrs. Nevin Dauer, Kay Lewis, Yoshio Miyashiro. Loraine Kuck initiated the project and serves as chairman.

ANNUAL MEMBERSHIP CONTRIBUTION

Most members have been very prompt in renewing their memberships. Our membership year runs from June 1st of one year to May 31st of the next. This sometimes causes confusion, as many organizations operate on the calendar year. If you are in doubt as to the status of your membership, please call the office, 571708, or leave a message at 59373.

May we remind you that entrance to plant sales, the annual banquet, certain tours and lectures throughout the year, is open to members in good standing only.

If we are to carry forward our current projects, and initiate new ones, we will need your membership contribution and continued support.

BI-LINGUAL GUIDES ORGANIZE

In an effort to supply guide service for non-English speaking tour groups, the Friends are organizing a group of bi-lingual guides. The first group is English/Japanese, and will serve under the chairmanship of Mrs. Miyono Moriawaki. She has already gathered a class of about 12 men and women for training at Foster Garden. Yoshio Miyashiro is gathering information as to Japanese common names for some of the plant material in the garden.

If you are interested in serving with this group, call Mrs. Moriawaki at 998518, our office, or 59373.

FLORA PACIFICA PICTURES

Many members have inquired if any pictures were taken of the exhibits at Flora Pacifica. We have a series of slides of the various areas of the show, and duplicates may be ordered at 30¢ each. The slides are on view at our office, 8:30 to 12:00, weekdays.

PACIFIC VISITORS

The Board of Trustees hosted a lunch at The Willows on July 24th for a group of young men who are working in various fields of horticulture in the Pacific area, or are completing their educations in these fields. They are attending a two-month seminar at the Center for Cultural and Technical Interchange at the East-West Center. The group is under the direction of Project Office James Hubbard (also a member of your Board of Trustees).

They have toured the University and East-West Center grounds, the various gardens of Honolulu Botanic Gardens, some homes and gardens of interest in Honolulu, visited Lyon Arboretum, HSPA, etc., and made one trip to the outer islands, with another one scheduled soon. Part of their orientation has included a briefing of the function of Friends of Foster Garden, Outdoor Circle, Garden Club, and like organizations in our community. A few have expressed an interest in initiating similar organizations in their areas.

Most of them have evidenced a willingness to participate in a plant exchange program with Honolulu Botanic Gardens. This will bring us plants from such areas as Tonga, Ponape, Palau, Guam, Samoa, Truk, Western Samoa, Tahiti, Okinawa, New Guinea, New Caledonia, and Japan.

One of the members of the group, Ichiro Sakanashi, horticulturist with Higashiyama Botanical Garden, Nagoya, Japan, has been assisting Yoshio Miyashiro with identification of Foster Garden's plant material by the common names used in Japan. We expect this to be a great help in conducting our Japanese/English tours.

Most of the group are interested in seeing private gardens of special beauty or interest, so if any of our members would care to host any of the group on a Saturday or Sunday, they should contact Mr. Hubbard at 918694.

ANDEAN EXPEDITION

Mack Wills, Jr., has volunteered to prepare occasional reports on what's what with "our man in the Andes". The material will be excerpted from Paul C. Hutchison's reports and letters, and will include progress notes from Director Wetsch on plant material received.

OUR MAN IN THE ANDES

by C. N. Wills, Jr.

Many of our members may have wondered, as I did, what happens to the funds we have appropriated for "plant imports" and "plant collecting". For instance, we are sponsoring, to the tune of almost \$3,000, the participation of Honolulu Botanic Gardens in the University of California's Seventh Botanical Expedition to the South American Andes. The director of this expedition is Paul C. Hutchison, senior botanist at the University of California Botanical Garden on the Berkeley campus. He is "our man in the Andes". He was joined by J. Kenneth Wright, a graduate student in zoology on the Berkeley campus, who serves as expedition zoologist and general assistant.

In addition to our sponsorship, the expedition is also receiving funds from the Strybing Arboretum Society; the Chicago Natural History Museum; the Associates in Tropical Biogeography at Berkeley, University of California Botanical Garden, Herbarium, Museum of Vertebrate Zoology, and the Department of Entomology on the Berkeley Campus. Also funds have been donated by many private individuals with an interest in the expedition's work.

We hear from Paul fairly often, as mail winds out from the interior air wings across the Pacific, and his letters and field reports are crammed with botanical interest and humorous incidents in the life of "our man in the Andes". It has come to the attention of the Board of Trustees that many of our members would be interested in what takes place on a field trip of this sort. So to satisfy the amateurs in our body and pique the curiosity of our professionals, I propose to put a series of reports in our Newsletter composed of quotes from Paul's letters and reports on what goes on in the Andes, and comments from the Honolulu Botanic Gardens staff as to what kinds of plants we are receiving as our share of the expedition's collecting and how they are faring.

Paul stopped off on his way to Peru last November at a little town in Colombia called Bitaco, to investigate a plant collecting source, for which we appropriated \$100 to cover a shipment of sample plants. The nursery is owned and run by a man named Kyburz who... with Dr. Idrobo of the Universidad Nacional (Bogota) met us at the airport. Our official visas whisked us thru customs in a flash, ahead of everyone, to our amazement and to the bewilderment of passengers. Kyburz's place is not in Cali, but 1½ hours away, over the western cordillera on the Pacific slopes, where his small finca of over 10 hectares (about 25 acres) is largely wild. The nursery consists of cleared forest floor where introductions are established. The native vegetation is superb, and I've made extensive pressed and living collections with Dr. Idrobo's help this past week. Dr. Idrobo is a keen botanist and one of Colombia's leading biologists, specializing in Marantaceae and allies. We are getting a good group of Maranthia, Heliconia, and Aroids together, which Kyburz will ship with what I have taken.

"The marvel of the visit was in finding Kyburz not in Cali, but in a botanically unexplored valley, and with his and Dr. Idrobo's vast knowledge of native flora to assist in choosing and naming plants. We have been twice to Bagua Valley and made general collections. It is a wonderland of xerophytic plants (Ed. note - drought-resistant plants) - a new species of *Helocactus*, a *Cephalocereus*, an *Acanthocereus* or *Armatocereus*, two *Opuntias*, a *Hylocereus*, magnificent Bromeliads, an *Agave* (probably new) and a magnificent series of shrubs. One is a Malphiaceae with fine pink flowers and a brilliant scarlet berry. The valley is in peak flower now. I noted a *Tillandsia*, terrestrial, with leaves two feet long, and a red spike to six feet with deep blue flowers and purplish bracts, but no seed, so will try to find small ones to send. *Furcraea*s, *pilea*, *peperomia*,

orchids and a Commelinaceous dwarf with small glossy or waxy appearing leaves. A month from now would be a fantastic seed harvesting time, but I can't be here then. Even Dr. Idroba was so taken that he plans to return."

A tour of the Foster Garden lath houses with Director Weissich shows that most of this shipment is doing very well. I saw about a dozen Anthurium sp. flourishing; these are mostly foliage Anthuriums, and an especially attractive one is Anthurium elegans. There are two new Spathiphyllum doing well, and about a dozen Maranta are responding beautifully to the excellent care and frequent misting they are getting in Foster Garden's lath house. There are several new species of Philodendron, most of these ready to move into bigger pots, they have done so well. Paul has also sent two new Cycads, and they are in excellent condition. Almost all of the cactus came through well, and some are ready for transplanting into bigger pots.

Bear in mind that this was just the result of a week's collecting, and that the major portion of the expedition was yet to begin. The next Newsletter will move on to Peru, with more information and anecdotes from "our man in the Andes", including a short story to introduce you to "Stinky".

12/8/64

NATIONAL SCIENCE FOUNDATION

WASHINGTON, D.C. 20550

December 8, 1964

Dr. Otto Degener
Waialua, Oahu, Hawaii

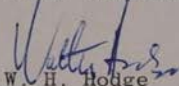
Dear Otto:

It was a pleasure to learn more about your travel since that brief glimpse of you and Isa at Edinburgh.

It's a pleasure to hear that activity continues on the Hawaiian flora. I have had a chance to see some of the publications referred to, thanks to you.

With kind regards,

Yours sincerely,



W. H. Hodge
Program Director for
Systematic Biology