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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.

The Plaisance

Apartment Hotel
On the Midway
at Jackson Park
CHICAGO

Sept. 11, 1926.

RECEIVED
EGER

Prof. Otto Degener,
Univ. of Hawaii,
Honolulu, Hawaii.

My dear Prof. Degener:—

Your kind letter of July 10 relative to sales of Hawaiian plants came to hand after being sent to the wrong address. Will say that I have no use for a general assortment. However, I wish very much to secure a wide assortment of mature specimens (flowering and fruiting) of Bidens (including Campylotheca and Hawaiian "Coreopsis") These I should like if I could get them by Jan. or Feb. preferably, but would take them ^(up to 100 specimens) up to next June at 10¢ straight per ~~each~~ specimen.

I plan to have them poisoned, mounted and incorporated in Field Museum. I would want to cite all important nos. in my forthcoming monograph.

Yours very truly,
Earl C. Sherff

THE UNIVERSITY OF HAWAII

HONOLULU, HAWAII

DEPARTMENT OF BOTANY

MAIL ADDRESS "COLWAI"
HENTLEY'S CODE

Feb. 21, 1927.

Prof. Earl E. Sherff,
Midway at Jackson Park,
Chicago, Ills.

My dear Prof Sherff:

Last Sept. you wrote me that you desired Hawaiian species of *Bidens* for your monographic study of the group. I have accumulated several species, some of which are probably new. I am sending you my small collection as a loan for your researches. Certain designated specimens, however, you may keep as your own. But kindly return the others as soon as you have had time to gain additional notes on them.

In the winter of 1923 - 24 I began a revision of the Flora of Hawaii. Since that time I have continued this work whenever my teaching duties would permit. I am thus slowly accumulating revised descriptions of Hawaiian plants which I publish from time to time. I intended working on the genus *Bidens* as well as on other genera, and consequently checked up your work two years ago as far as nomenclature is involved. At the time I read your articles, I came to the same conclusion as you regarding the uselessness of retaining *Campylothea* as a genus. In fact, I am even doubtful about the values of *Coreopsis* and *Cosmos* as GOOD genera. But we apparently do hold certain differences of opinion regarding specific nomenclature on Hawaiian species of *Bidens*. Namely there are three changes in nomenclature that I intended to make in my revision after studying the species in the field. But since you are now revising this group yourself, I will give you the following data to accept or reject as you judge best:

1. *Bidens Hillebrandiana* (Drake) Comb. nov.
~~*Bidens Remyi*~~ Sherff in Bot. Gaz. 70 : 97. 1920.
~~Not *Bidens Remyi*~~ Drake Ill. Fl. Ins. Mar. Pacif. 78. 1888.
~~*Campylothea Remyi*~~ Hbd. Fl. Haw. Isls. 212. 1888.
~~*Coreopsis Hillebrandiana*~~ Drake Ill. Fl. Ins. Mar. Pacific. 209. 1890
2. *Bidens bifurcata* Nom. nov.
~~*Campylothea dichotoma*~~ Hbd. Fl. Haw. Isls. 212. 1888.
~~*Bidens dichotoma*~~ Sherff in Bot. Gaz. 70 : 98. 1920.
~~Not *Bidens dichotoma*~~ Desf. Tabl. 1 : 108. 1804. Nom. nud.
~~Not *Bidens dichotoma*~~ Desf.; Persoon Each. 2 : 393. 1807.
3. *Bidens exilis* Nom. nov.
~~*Bidens gracilis*~~ Nutt. in Trans. Amer. Phil. Soc. Ser. 2. 7: 368. 1841.
~~*Campylothea gracilis*~~ Walp. Rept. Bot. Syst. 2 : 618. 1843.
~~*Bidens sandwicensis*~~ Gray in Proc. Amer. Acad. 5 : 128. 1862.

Over

Not *Bidens sandwicensis* Less. in *Linnaea* 6 : 508. 1831.
Not *Bidens gracilis* Torr. in *Ann. Lye. N. York* 2 : 215. 1828.

HAWAIIAN BOTANICAL GARDEN

HAWAIIAN BOTANICAL GARDEN

I hope my specimens and notes will be of some use to you.

Yours sincerely,

MEMORANDUM
OTTO DEGENER

THE UNIVERSITY OF HAWAII

HONOLULU, HAWAII

DEPARTMENT OF BOTANY

May 25, 1927.

Prof. Carl E. Sherff,
Midway at Jackson Park,
Chicago, Ills.

My dear Prof. Sherff:

I mailed you a small but valuable collection of *Bidens* species on Feb. 24, 1927 and asked you at the time to return certain specimens as soon as possible. I have received neither answer to my letter nor specimens and fear that the latter never reached you. Kindly advise me immediately, through me, whether you received my collection. If they failed to arrive, I will try to have the post office authorities trace the package.

Sincerely yours,
Otto Degener

7419 Stewart Ave,
Chicago, Ill. June 9, 1927.
Prof. Otto Degener,
Dept. of Botany,
Univ. of Hawaii,
Honolulu, Hawaii.

My dear Professor Degener:

Your inquiry of May 25th at hand.
Yes, I received your package and also your kind
letter with nomenclatural observations. At the
time, however, circumstances beyond my control
prevented my working these and several other
shipments of plants over, but I will attack
them in about two more weeks (when my
vacation begins). You had several puzzling
forms and I shall need a little time to
do them justice. Will probably return the
ones indicated in about five weeks.

I appreciated your kindness in loaning
me these specimens and must apologize for
my delay in taking up their study.

Thanking you most sincerely for your kindly
cooperation and assuring you that you
will hear from me again in the not dis-
tant future, I remain

Yours very truly,
Earl E. Sherff

Field Museum, Chicago, Ill.
July 7, 1927.

Prof. Otto Degener,
Dept. of Botany,
Univ. of Hawaii,
Honolulu, Oahu.

My dear Professor Degener -

On July 5th I sent you, by insured parcel post, the plants which you wished returned. The ones which you had indicated for me to keep I turned over to Field Museum. These latter were poisoned and mounted for Field Museum and accessioned. - One of your mounted plants had been attacked by insects, as if it had never been poisoned. I sincerely hope that your Herbarium is taking every precaution to poison its plants thoroughly and thus guard against their ^{otherwise} almost certain destruction within a few years.

I retained your advance copies of your flora, assuming that you did not expect ~~them~~ back. Will deposit ~~it~~ ^{them} in Field Museum Library in a month or so unless I hear from you that you wish it back.

Your critical notes as to three new names rest of course upon the American Code. While a follower of the International Code on general principles I nevertheless ~~felt~~ ^{felt} sure that the provision in question of the Internat. Code would be changed ere long and so had recently made the changes for similar changes in my mss. I at once hasten however, to accept the three names sent you independently and in a forthcoming article in the Botanical Gazette will set forth your new names and follow ^{you}

each with "Hegerer". Future citations of these three names will therefore accredit you, or, if placed in their entirety will accredit you directly and myself indirectly; - Bidens exilis Hegerer ex Sherff, etc.

No, I found no new plants on the lot. I did however note with pleasure that you had collected my Bidens amplexans for the second time known to me. - Your B. exilis material showed me that Lipochaeta asymmetrica Seid. was really only an extremely robust form of the species and should never have been accepted by me (Bidens asymmetrica).

May I respectfully request that since you have turned the three new names over to me for use, you kindly refrain from using them where they may leak into print until they are given definite publication and status in my forthcoming article.

If you can send me any more of these interesting plants within the present year I shall be delighted to work them over for you. - I should like to learn also if the Bishop Mus. Herbarium secured any new or old Bidens species in Nukakiva as a result of Dr. Brown's visit there several years ago.

With my very sincere thanks for your kind cooperation in this matter, I beg to remain

Yours very truly,
Earl C. Sherff

Makawao, Maui; T.H.
July 24, 1927.

Copy

My dear Prof. Sherff:

I received your kind letter of July 7 in which you state that you wish to accredit me with the names of three *Bidens* species. Please do not feel under any obligation to do so. You may think of more appropriate names to use than the ones I have proposed.

This summer I am collecting on Maui with three student assistants. One of the boys is quite an artist and so I am having him make sketches of the fresh plants for publication as we bring them in. I have lately collected at least two species of *Bidens*, one growing in aeolian deposits in the plain bet. East and West Maui and the other on the dry barren hills between Wailuku and Oloalu. I thought at first that I had come across two distinct species on Wailuku-Oloalu hills and had sketches made of two different plants. After finding more plants, however, I am not as confident of my previous belief. From very superficial observation later, I now rather think that the *Bidens* with simple leaves near Wailuku gradually becomes more and more pinnatifid as we go to the drier regions toward Oloalu. I will try to get to this general region again to verify my suspicions. If you wish to make use of these two drawings in your publication, I will be glad to let you do so. I must, however, have them back for future publication in my own revision of the Hawaiian flora. At the end of my collecting trip in Sept., I will mail you all the *Bidens* specimens that I have gathered. You could then pick out certain representative specimens for your own collection and return the rest as you have done before.

I do not know whether the Bishop Museum has any new *Bidens* species. I am not connected with the institution and only go there occasionally.

I will refrain from publishing anything on *Bidens* until your article appears in print.

None of the specimens I send you will be poisoned. I have everything poisoned, however, before it is mounted. The Bishop Museum relies on fumigation.

Do you happen to know whether the Field Museum would buy a set of my duplicates? I have collected quite extensively with some of my students on Hawaii, Oahu, Maui and Kauai. Next summer, I hope to visit Molokai.

Yours sincerely,

Sept. 14, 1927.

Dear Prof. Sherff:

I am mailing you quite a large package of *Bidens* spp. for study. Help yourself to duplicates and please return the rest at your earliest convenience. Some of the specimens I had collected last year and mislaid. The others are recent finds. The latter have not yet been poisoned so please either poison them or keep them in some insect-proof locality. One of my students has half of this summer's collection at his home to poison it. I know *Bidens* species are among it but I cannot lay my hands on them at present. I will send those later.

In reviewing the literature on the Hawaiian *Bidens* spp., according to the American Code, I have come across certain synonyms that I wish you would check up with your own findings. I naturally like to get your views, so that I may profit for my own revision of the Hawaiian flora. I take the following from my notes:

1. *Bidens waianana* Sherff in Bot. Gaz.
2. *B. waianensis* Sherff in Bot. Gaz.
3. *B. valida* Sherff in Bot. Gaz.
4. *B. torta* Sherff in Bot. Gaz.
5. *B. setosa* Sherff in Bot. Gaz.
6. *B. asplenoides* Sherff in Bot. Gaz.
7. *B. amplexans* Sherff
8. *B. cervicata* Sherff in Bot. Gaz.
9. *B. conjuncta* Sherff in Bot. Gaz.
10. *B. Stokesii* Sherff in Bot. Gaz.
11. *Bidens sandwicensis* Less., in *Linnaea* 6 : 508. 1851.
B. nutt. in *Trans. Amer. Phil. Soc. Ser. 2* : 368. 1841.
Campylothea nutt. Walp. in *Sept.* 2 : 618. 1845.
Campylothea sandwicensis Hbd. Fl. Haw. Isl. 214. 1888.
Coreopsis sandwicensis ~~HBD. FL. HAW. ISL.~~ Benth. et Hook.; Drake Ill. Fl. Ins. Mar. Pacif. 210. 1890.
12. *B. molokaiensis* (Hbd.) Sherff in Bot. Gaz. 70:97. 1920.
Campylothea molokaiensis Hbd. Fl. Haw. Isl. 212. 1888.
13. *B. Menziesii* (Gray) Sherff in Bot. Gaz. 70:98. 1920.
Coreopsis Menziesii Gray in *Proc. Amer. Acad.* 5:127. 1862.
Campylothea Menziesii Hbd. Fl. Haw. Isl. 216. 1888.
14. *B. mauensis* (Gray) Sherff in Bot. Gaz. 70:98. 1920.
Coreopsis mauensis Gray in *Proc. Amer. Acad.* 5:129. 1862.
Campylothea mauensis Hbd. Fl. Haw. Isl. 213. 1888.
15. *B. macrocarpa* (Gray) Sherff in Bot. Gaz. 70:97. 1920.
Coreopsis macrocarpa Gray in *Proc. Amer. Acad.* 5:126. 1862.
Campylothea macrocarpa Hbd. Fl. Haw. Isl. 214. 1888.
16. *B. graciloides* Sherff in Bot. Gaz.
17. *B. Forbesii* Sherff in Bot. Gaz.
18. *B. cuneata* Sherff in Bot. Gaz.
19. *B. cosmoides* (Gray) Sherff in Bot. Gaz. 70:98. 1920.
Coreopsis cosmoides Gray in *Proc. Amer. Acad.* 5:126. 1862.
Campylothea cosmoides Hbd. Fl. Haw. Isl. 213. 1888.

20. *Bidens micranthoides* Sherff in Bot. Gaz. 70:100. 1920.

B. micrantha Hook. & Arn. in Bot. Beech. Voy. 86. 1832.

Not *B. micrantha* Caud. Voy. Ur. 464. 1829.

B. sandwicensis Gray in Proc. Amer. Acad. 5:128. 1862.

Not *B. sandwicensis* Less. in Linnaea 6:508. 1831.

21. *Bidens micrantha* Caud.; Cass. Diet. Sci. 51:475. 1827.

B. micrantha Caud. Voy. Ur. 464. 1829.

Campylotheca micrantha Cass.; DC. Prodr. 5:593. 1836.

Coreopsis micrantha Gray in Proc. Amer. Acad. 5:127. 1861.

Bidens Remyi Drake Ill. Fl. Ins. Mar. Pacif. 78. 1886.

Coreopsis Remyi Drake Ill. Fl. Ins. Mar. Pacif. 218. 1890.

The type locality is not given. Cassini undoubtedly described this plant merely from *Audichaud's* Plate 85 which was published without description with the first part of the text of Voy. Ur. in 1826. In 1829 *Audichaud* published the fourth part of his work and there the species was described anew without reference to Cassini's previous description. *Audichaud* gives the locality where the plant was found, one can assume that the type locality for the species is "Île insulaire Sandwichiensibus (Alt. 450 - 500 hex.)."

22. *Bidens* ??? nom. nov.

Bidens angustifolia Nutt. in Trans. Am. Ph. 11. Soc. Ser. 2. 7:369. 1841.

(verify date.)

Not *Bidens angustifolia* Lam. Encyc. 1:416. 1783.

Sherff in regard to above says in Bot. Gaz. 76:161. 1923 "Gray (loc. cit.)

suspected *B. angustifolia* Nutt. of belonging to *B. sandwicensis*, and Drake del Castillo (loc. cit.), evidently with Gray's treatment at hand, definitely equated the two species. A study, however, of Nuttall's type (Herb. Brit. Mus.) shows a plant with more dissected foliage and more slender-awned achenes. Apparently *B. angustifolia* had best be retained, for the present at least, as a separate species." If the above is REALLY a distinct species, the name must be changed because there is already a *B. angustifolia* although it was originally misspelled *angustifolia*. (If it is not a distinct species we must determine to what it belongs and then revise possibly at least one species of the revision above.)

With the 5 species mentioned in a previous letter, I get 25 species of *Bidens* for the Hawaiian Islands. Do you happen to know whether I have shipped any up to date? If you have reprints of your articles, I would be ever so much obliged since it is considerable bother to get the bound volumes of Bot. Gaz. from the library for constant consultation.

Sincerely yours,

Oct. 29, 1927.
Honolulu, T.H.

Prof. Earl Sheriff,
Field Museum,
Chicago, Ills.

Dear Prof. Sheriff:

A month or so ago I mailed you Bidens specimens that you had hitherto not seen. I hope they arrived safely. I know you are busy teaching at this time but I am writing nevertheless just to make sure that they arrived.

I sent off the specimens as quickly as possible and consequently had no time to poison them - are they safe from insects? Soon I will send you another package.

I have asked for a leave of absence from the University to enable me to work up my collections. I am busily at it but progress is slow especially since the library facilities in the islands are somewhat limited.

Sincerely,

CHARLES JOSEPH CHAMBERLAIN, Ph. D., MORPHOLOGY
MERLE CROWE COULTER, Ph. D., GENETICS
SCOTT VERNE EATON, Ph. D., PHYSIOLOGY
GEORGE DAMON FULLER, Ph. D., ECOLOGY
EZRA JACOB KRAUS, Ph. D., APPLIED BOTANY

HENRY C. COWLES, Ph. D.
JOHN M. COULTER, Ph. D., Emeritus

WILLIAM JESSE GOADLAND, Ph. D., MORPHOLOGY
GEORGE KONRAD KARL LINK, Ph. D., PATHOLOGY
ADOLPH CARL NOE, Ph. D., PALEOBOTANY
EARL EDWARD SHERFF, Ph. D., TAXONOMY
CHARLES ALBERT SHULL, Ph. D., PHYSIOLOGY

EARL EDWARD SHERFF

Associate Editor, Taxonomy
7419 STEWART AVE.
CHICAGO, ILL.

Nov. 13, 1927

Professor Otto Degener,
Dept. of Botany,
Univ. of Hawaii,
Honolulu, Hawaii.

My dear Prof. Degener: - I am sending you by separate mail the package of plants which you so kindly sent me in September for determination. You will observe that I withdrew a number of plants as you had said I might. The ones so withdrawn were placed in Field Museum or laid aside for sending to London (Kew), Paris and Berlin.

I am greatly interested in knowing that one of your students has still some Bidens specimens at his home. As soon as they are released I trust that I may have the opportunity of revising them for you.

You will find in the present package being sent to you, reprints or separates of certain articles for your library and for the University. - I have another article that should be out shortly in the Botanical Gazette and you will find it especially helpful as it includes a large number of critical notes upon Hawaiian and other Pacific species of Bidens. A conspectus and key are given for all native species of the Pacific islands. You will be at liberty of course to make the freest use of any portions that you

13-71-1927

desire to.

I note offhand from your letter (which is now before me) that you considered B. angustifolia Nutt. - The type is a plant looking quite unique, but I was able last year to connect it positively with my B. micranthoides, which name stands then according to the American Code. (I overlooked this ^{synonym my earlier when I wrote to you before.})
Degener & Tiebke 2128 is new - my B. stenophylla.

B. gracilis Nutt. is found to be the same as B. asymmetrica (Lévl.) Sherff and the latter name stands under the American Code.

The name B. Remyi (Hillebr.) Sherff calls for some very close work on dates in the year before one can say which name stands. I am working on this matter yet.

I have taken the liberty of renaming the interesting species B. dichotoma (Hillebr.) Sherff, - Bidens Degeneri in recognition of your valuable work upon the genus recently. I have made very definite mention, in my forthcoming article, of your assistance and have gone back and inserted your new B. stenophylla in the text.

If you care to try, you might offer your Hawaiian duplicates for sale to Field Museum by corresponding directly with Mr. J. Francis Mc Bride, Asst. Curator of Taxonomy (Better omit mention of my name).

Confidentially, may I state that a Doctor Forrest Brown, who I suppose is still at Bishop Museum, has for some strange reason blocked all attempts for the past five years to obtain further specimens from Bishop Museum for study. Consequently, I fear that my conspectus of Pacific species will be incomplete for certain parts, - especially as

Nov. 28, 1927.

Earl E. Sherff,
7419 Stewart Ave.,
Chicago, Ills.

Dear Prof. Sherff:

I received your letter of Nov. 15 just a few days after I mailed you another package of *Bidens* containing but two species, one being your *B. conjuncta*. Today I sent you still another package and a third, probably the last until next summer's collecting trip, will probably follow in a week or two. Today's package I mailed to your Stewart Ave., address. All the plants have been poisoned.

Your package arrived. Many thanks for the reprints.

I fear my work on the genus *Bidens* does not warrant any recognition as I have done little more than collect specimens so far. I did have the intention of studying them once upon a time but as long as you are specializing on the group, I had better leave the entire matter up to you. I certainly appreciate your kindness.

I cannot help you as far as the Marquesas, Morea and Tahiti *Bidens* spp. are concerned. I am pretty sure the collector will hold onto them until he himself has leisurely studied and described them. One really cannot blame a man for wanting to write up his own collections. I am having similar difficulty in regard to Hawaiian plants and am therefore trying to revise the local flora as well as possible on the specimens that I myself can collect. That is why I am forced to collect so extensively - no doubt a blessing in disguise.

I asked several Hawaiians about the spelling and locality of the names you enclosed in your last letter. They are as follows: (I checked them on the map.)

"Kouliououiki" - Oahu" is no doubt Kouliouou near Koko Head. *W. W. W.*

"Fuwaawao - Hawaii" is a misspelling for Fuwaawaa, a mountain on the north slope of Hualalai.

"Puukukui - Maui" is the highest mountain on West Maui while Eke is the second highest. It is impossible to go from one mountain to the other because of deep gorges but they are not very far apart.

"Waipoo - Lanai" I cannot trace this name. On Lanai, however, is Waipoo Gulch, near Halepalaoa Landing. (Eastern part of Lanai.)

28-XI-1927

"Kaipaupau - Oahu (Koolauloa Mts. between Punaluu & K---)" is apparently Kaipapau since this locality is between Punaluu & Kaluanui, eastern Oahu.

"Hanehane, Kona - Hawaii" Kona is the name of the district in which Kealahou is situated. The district is large. I cannot find Hanehane on the map nor does a woman from Kona know about it.

"Kohinahua - Lanai" is Kohinahua, a ridge near the mountains from Waipae.

"Kaiholenu - Lanai" is Kaiholenu, east of Lanai City.

"Koele (Gay's) - Lanai" The Gay's a part-Hawaiians living at Koele, north of Manele Bay.

"Wainano Ridge - Oahu" is probably a ridge near Waimano Gulch, back of Pearl Harbor. This looks to me as a clear misspelling.

"Kololau trail - Kauai - Waimea" is Kalalau Trail, a trail leading from Kokee, the mountain camp at the head of Waimea Canyon, over the cliffs to the sea near Haena (north-west Kauai).

There are two types of lava flows in the islands. These are designated by Hawaiian words that have become anglicized here. The one is pahoehoe and means the glassy type of flow in which the lava is compact and rather smooth. Aa, pronounced in two syllables, is the name of the loose rough type of lava.

Sincerely,

Dec. 1, 1927.

Dear Prof. Sheriff:

I just came across an article by A.B. Rendle in Rules of Nomenclature in the Report of the Proceedings of the Imperial Botanical Congress (London 1924) edited by F.T. Brooks in which on page 306 Res. 2, Art. 36 requiring Latin diagnoses for publication of species is apparently revoked.

I noticed that your descriptions are in part written in Latin.

I thought the article might interest you, if you have not seen it already. I, by the way, follow the unpopular (?) American Code, hoping that the Internationals will gradually swing more and more to their side and that the "Americans" will give in on some of their rules.

Sincerely,

Dec. 22, 1927.

Earl E. Sherff,
7419 Stewart Ave.,
Chicago, Ills.

Dear Prof. Sherff:

I am mailing you the last Bidens package until my collecting trip this summer on Molokai. I hurried to send these plants to you so that you may add possible additional data for your forthcoming article.

NONE of the plants are poisoned so please open the package immediately and add camphor or some other repellant to it. I have retained no duplicates.

Sincerely,

2220 Vancouver Highway,
Honolulu, T.H.
Jan. 15, 1928.

Dear Prof. Sherff:

About a week ago I mailed you another package of *Bidens* species. Two species only are represented here. The one you have already received from me. It grows at Kolikoli Pass of the Waianae Range on Oahu. I sent you the specimens, however, that you could better study their range of variation.

The other species was collected by a friend of mine whom I had asked to pick up *Bidens* species for you. He collected a few specimens near Kahana. The species looks very interesting. I wonder whether you have ^{seen} across it before.

If you are going to have a key for the Pacific species of *Bidens* in your forthcoming article and are going to mention many Hawaiian species, I wish you would have extra reprints printed for me when you order your own. Please have the Gazette send me their bill for it.

I am sailing for Maui in a few days to go up Haleakala again. I wish to gather seeds of the Silversword and greensword for introduction in Kilauea National Park. I doubt whether I will see any new *Bidens* species on the way as I have combed that region pretty well.

Sincerely,

HERBARIUM
OTTO DEGENER

Chicago Normal College

DEPARTMENT OF SCIENCE (Botany)

Chicago, Illinois

Jan. 25, 1928.

Professor Otto Degener,
Dept. Botany,
Univ. of Hawaii,
Honolulu, Haw. Isls.

My dear Prof. Degener:- I have before me your recent letters which I have not answered as yet because of my waiting for the additional plants to be sent. - Your note of Dec. 1st regarding the Imperial Bot. Congress and its apparent revocation of the rule for Latin diagnoses interested me. (I was in London the month following the congress and learned first hand what steps had been taken to preclude the attendance of many ^{nationalities} ~~classes~~ of Europeans. Of course the congress was not authoritative in an international way nor could it revoke or alter the Internat. Code any more than Americans or others could do it individually.) - Personally, I am definitely committed to the Internat. Code but where (as in the matter of synonymy) it is bound to be unworkable and to be in line for modification, I incline to take the American Code into consideration. - Of course, the American Code devotees can have no quarrel with one if he does use Latin by choice.

Many thanks for your valuable notes on spelling. - I note however that Forbes used

HERBARIUM
OTTO DEGENER

FIELD MUSEUM OF NATURAL HISTORY

ROOSEVELT ROAD AND LAKE MICHIGAN

CHICAGO Jan. 28, 1928.

Prof. Otto Degener,
Dept. Botany,
Univ. Hawaii, Honolulu, H.T.

My dear Professor Degener: - Your shipment of Jan. 1, 1928 plants had just two species, (1) *Bidens waianensis* Sherff and (2) a *Bidens* that seemed new and which I entered in my mss. tentatively as *B. populifolia*. It (the latter) was by Bean, his 2322, Ft. of left ridge of Kahana Valley, Oahu, Jan. 1, 1928. I enclose an average leaf. Two leaves on one of the three specimens had an extra leaflet, in an approach toward 3-partite foliage. - This new form is somewhat perplexing. It suggests *B. macrocarpa* var. *ovatifolia* but has too many differences. If you have any further specimens of this queer plant or any field notes, I should be glad for them. It would be a wise thing, if you are in that locality this season, to learn from Bean more precisely (if need be) ~~where~~ just where he collected and obtain an ample supply of new specimens. I am suspicious of the mainly simple leaves, although as yet I cannot see how

ADDRESS ALL CORRESPONDENCE, PUBLICATIONS AND PACKAGES
TO FIELD MUSEUM OF NATURAL HISTORY, CHICAGO, U. S. A.

HERBARIUM
OTTO DEGENER

FIELD MUSEUM OF NATURAL HISTORY

ROOSEVELT ROAD AND LAKE MICHIGAN

CHICAGO

the plant connects with any of the older species even if the leaves should prove normally tripartite.

- I note your labels are on a paper that seems ill adapted to a steel pen. I am led to suspect that possibly the grade of paper used by your printer was not such as to insure permanency. - With such valuable and fundamentally important pioneer work as you are now doing, it were a pity if these labels should crumble away after a few years. May I therefore respectfully suggest that in ordering more labels you insist upon a pure bond stock of absolutely permanent nature. I think I will hold the present package here a little longer, or until I make up my mind more positively about "B. populifolia".
With best regards as ever I am
Yours very truly,
Earl E. Sherff

ADDRESS ALL CORRESPONDENCE, PUBLICATIONS AND PACKAGES
TO FIELD MUSEUM OF NATURAL HISTORY, CHICAGO, U. S. A.

XXXXXXXXXXXXXX
XXXXXXXXXXXXXX

Kaunakakai, Molokai, T.H.
April 30, 1928.

Dear Prof. Sherff:

I have been so busy this month that I failed to write you that the last package of *Bidens* containing your photographs arrived safely. I feel ever so much indebted to you for them - they are excellent. The idea of having photographs made of types for distribution to different herbaria is excellent. It should be adopted by everyone that monographs a group or writes up a local flora. I fear, though, that the cost of making a large set of pictures is rather prohibitive, unless financed by an institution. Nevertheless I will try to induce Prof. Trelease to copy your method in regard to the Hawaiian *Peperomias*, many of which he is now receiving from me for study. If we only had photographs of the destroyed Hawaiian types, revising this flora would be far easier than now where one must often base his conclusions on brief descriptions and citations of locality.

I have been collecting on Molokai for almost a month and have not seen a single *Bidens* excepting the ubiquitous *B. pilosa*. My collecting, however, has been rather localized so far. Most of my time has been spent in the wet region southeast of Waikolu Valley, a region ill-adapted to *Compositae* in general. The rest of my collecting has been spent in combing the arid plains of northwestern Molokai. This last region is covered with *Lipochaeta* and endemic mallows. Why no *Bidens* should be there seems strange.

Did I write you that I had collected a large quantity of *Bidens* in Olokele Canyon, Kauai, two years ago and that the specimens have disappeared? I recognized the species on one of your photographs. At the same place I collected interesting violets, crucifers, besides other plants. I fear my entire Olokele collection was lost. From now on I will insure all my parcels and I advise you to do likewise.

Please send no specimens to me in Molokai but mail everything to my friend Mr. R.S. Bean who is living in my house at 2220 Vancouver Highway, Honolulu during my absence.

Sincerely,

Kaunakakai, Molokai, T.H.
May 17, 1928.

Dear Prof. Sherff:

I just received your reprints and wish to thank you for them. You have given me far more credit in your article than I deserve. I appreciate it very much. You are certainly straightening out the *Bidens* tangle for the world. I wish we had similar monographs of the other genera as well. Your key and conspectus for the Polynesian species saves much time - too bad you were unable to add the other two Hawaiian species to it. But the key feature might have been construed as a valid description for publication so I imagine in a case like this to have done so would have been objectionable.

May I draw your attention to the following:

p.2: Spelling of "*Bidens asymetrica* (Levl.) Sherff" and "*Lipochaeta asymetrica*". Is this difference to your correction of a sphalm. or a typographic error on your part? Don't you think you should make that clear in your future monograph? The same occurs several times in your article.

P.4, 4 lines from bottom: It may interest you to know, if you have not suspected it before, that "Mt. Kaah, Isl. Oahu" is most likely Mt. Kaala. Hawaiian spelling has changed notoriously since the early days.

P.26, line 7 and 12: Kauai is not spelled correctly.

I rather think heavier type for your species names in the key would set them off better from the rest of the key.

Most of my herbarium specimens you cite as being in the University of Hawaii Herbarium. Actually only a set of my plants collected in the summer of 1926 are deposited there as the former president paid Wiebke's salary that summer for the second best set of my "catch". All other plants are deposited in my own herbarium and I expect to place my first set of duplicates in the N.Y. Bot. Garden collection. To make your article correct on the above point, I will give your cited duplicates to the University. Better cite N. Y. Bot. Garden in future articles.

You may as well understand my trying situation here as you have experienced similar trouble. Confidentially I may state that I botanized in Hawaii for about six months previous to going to the New York Bot. Garden for a full year to work up my collection at my own expense. While in New York I was asked to become connected with the Honolulu Museum, a plan that I then anticipated with pleasure provided it would not take more than half of my teaching time from the University. Upon arriving in Honolulu, the University asked me to postpone my museum work for a year or two because of the absence of the other botanist in the Dept. While teaching on full time that year, I heard about the difficulties that J.F. Rock and the late C.N. Forbes had encountered. This made me decide that if the University could give me a half-time position, I would work on the local flora on my own resources for the rest of the time, and not as an employee of any institution. This plan would have been successful if we had not had a sudden change of administration. Pressure is now being put to bear on me to join the museum on part-time by refusal to reappoint me as a member of the University faculty. In spite of the fact that the University has no connection with the museum (a private institution), the letter states That I will receive the half time position at the University provided it is agreeable to the director of the museum. The hint is obvious, especially since I have had conversation with the director in regard to my being too much interested in the N. Y. Bot. Garden. Needless to say, I tendered my resignation to the University (asking for a "leave of absence" until my three years' contract is over) this becoming effective in September. That is the reason why I can collect during this school year. Since there is no possible opening for a botanist in these islands excepting at the University or the Museum (or possibly in public schools of which the president's brother is chief), I am being eliminated as one more objectionable taxonomist interested in the local flora just as Rock was forced from Hawaii after his publication of the Indigenous Trees of the Hawaiian Islands. Of course I can continue my study and collection of the rapidly vanishing flora but at a terrible handicap: no employment in my line of work, no funds for summers' collecting and probably no access to local herbaria and rare books. For quite some time, I have been made to feel as though I were a persona non grata which has kept me from studying the other herbarium. You cannot well blame me then if I do not give my specimens away to everyone after I have spent my own resources in gathering them.

I finally came across a Bidens which I will mail to you shortly. It reminds me somewhat of my Wailuku specimens. From your key I suspect it to be B. molokaiensis, at least very close to it. Its petioles are rather long!

Sincerely yours,

THE BOTANICAL GAZETTE

CHARLES JOSEPH CHAMBERLAIN, Ph. D., MORPHOLOGY
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CHARLES ALBERT SHULL, Ph. D., PHYSIOLOGY

EARL EDWARD SHERFF

Associate Editor, Taxonomy
7419 STEWART AVE.
CHICAGO, ILL.

May 25, 1928.

Professor Otto Degener,
Univ. of Hawaii,
Honolulu, Haw. Terr.

My dear Professor Degener:

Your letter of April 30 came recently, also one perhaps a month ago. I should have written ere now, but the press of other matters has put me behind in my correspondence. — On March 7 I see by a stub in my drawer I mailed you a package of all plants back that I then had received from you (except of course scattered specimens that I had selected for mounting here).

I later received another package from you and still have it at Field Museum. I will drop you a line when I return it.

About one month ago you should have received the large package of forty (40) separates of my Bidens article. I have preferred to pay the Gazette directly for these as a convenient way of settling the postage costs to you upon the several packages that you so kindly mailed me for my studies.

Glad you liked the photographs. It is amusing to learn that you intend making a suggestion to Prelease to photograph important sheets. — For, it was Prelease who, in
Hunt Institute for Botanical Documentation

the spring of 1913, showed me scores of *Quercus* photographs and convinced me that I should take numerous photographs throughout my own work. I have never regretted it.

I always insure my parcels, as you doubtless must have observed on the wrapper. Of course, if you sent me an "Olokele Canyon (Kauai) package and did not tell me so in a separate letter, and the package miscarried, I had no way of knowing about it. - I am not at Field Museum to day (where my research is conducted) but off-hand must say that I do not recall having had such a package (I recall Kolekole well, however). You say you recognized the species on one of my photos. If you will please let me know the photo. number, I may be able to profit by it.

I am glad that you are so much more careful to record geographic names ^{accurately} ~~carefully~~ than Forbes used to be. He used to scribble so that it was often impossible to read the letters in an important name, and, since the majority of the minor localities are not in an atlas, it was difficult for me to get the spelling.

I will follow your suggestions and address this, also any future mail, to your Honolulu Address.

Yours very sincerely,
Earl E. Sherff

25-V-1927

concerns the Marquis Islands. - If you know of any way in which I could get hold of additional plants from the Marquis group, also from Morea and Tahiti, it would help me immensely. - Dr. Brown let me understand that he collected material in the Marquis Islands, but he has refused steadfastly to loan it.

I have made a list of some localities in your archipelago that do not appear in our maps, yet I need to get the spelling and location (say with reference to a location that is given in Hillebrand's maps). As perhaps you may be able to furnish me some of these I put them down here.

KULIOLU?

1. Koulououiki - ^{Isle} Oahu
 2. Punaawao - Hawaii ok.
 3. Pua Kuluui - Maui ok.
 4. Kaiipoa - Lanai ?? Waipae Gulch - ^{near Halepalaon Landing} ~~mouth~~ east-
 5. Kaipapau - Oahu (Koolauloa Mts. between Punahoa & Kaulanui)
 6. Hanehane Kona - Hawaii
 7. Kahirahua - Lanai Kahinahina Ridge toward mt. from Waipae
 8. Kaiholeui - Lanai - Kaiholeui - east of Lanai City
 9. "Koele (Gay's)" - Lanai - Koala? ~~near~~ north of Mangle Bay
 10. Kainiano Ridge - Oahu Waianae Gulch - back of Pearl Harbor
 11. Kololau trail - Kauai - Waimea

Also, - what does your "a-a" mean on labels?

In closing I must thank you again for your courtesy in forwarding me the specimens of *Bidens* and I trust that you will receive the return package safely at an early date.

Yours very truly,
 Earl C. Sherff
 Hawaiian ?? ?

to spell "Kolekole Pass" with e's not i's. Which is right?

I forget what I told you about selling plants, but I now know facts which make ^{me} believe that if you wait until about June (when Mr. Paul C. Standley will probably be in the particular place where these matters are handled) you should have better chances of making sales. At any rate address your letter to the Director, Mr. D. C. Davies.

I had looked for three parcels. These all arrived in good condition. All determinations were made, specimens were taken out for Field Mus., Kaw, Berlin, Hb. Boissier and Paris, and the balance returned a week ago by Field Museum. I have just received a fourth parcel of your 1928 plants). I was agreeably surprised to see these. All my new notes to date upon your plants are inserted in my March Gazette number and I am turning the final draft over to the printer this week to put it through. Will have a conspectus and key to Central Pacific species (in English) and will furnish you with several separates about April 15th.

Any more plants which you obtain I shall be glad to examine. - If you recommend it I shall be glad in case another new var. or species comes in where Wiebke helped, to name it after him. This would be little enough reward for such meritorious pioneering. - At all events please accept my best regards for the new year and believe me to be

Yours very sincerely,

P.S. - All packages should go Earl C. Sherff.

2270 Vancouver Highway,
Honolulu, T. H.
Sept. 18, 1928

Dear Prof. Sherff:

I am back again in Honolulu where I am beginning to pour and assort my collection. During this summer's botanizing, Wicke and I have been able to amass 39 large parcel post packages of plants. You can imagine how long it will take to study these.

Ever since July 2, I have been doing less and less walking because of a fungus infection of my feet caused by cutting them while swimming. The last month's catch of plants is therefore chiefly due to Wicke's industry. I therefore cannot well judge about the character of some *Bidens* specimens in the field. I suspect, however, that they may be hybrids between *B. molokainensis* and *B. Hallebrandiana*. What is your opinion? Wicke said that both parent species grew more or less intermingled and that the "hybrid" grew 50 or so feet above the others in a slightly wetter locality. This sounds as though they may be merely more robust specimens. Nevertheless, I am inclined to believe them to be hybrids. I, personally, would hesitate printing anything about them now, as I may be able to visit the locality myself at Christmas or next summer and find out a little more about them.

As soon as I can hike again, I will revisit the localities on Oahu for 2676, and 2677a and b. I would like to climb Kaala again to get good specimens of your *B. fulvescens* but that is impossible for some time. I will surely do it sometime this winter.

Mr. Zopfspring is at present in New England but is expected back in Honolulu around Christmas. I will try to borrow his (2941) *B. pulchella*? for you then. He, of course, surely gave me one of his duplicates.

I will give you the correct names of the localities desired in your letter of July 18 as soon as I can get to some reliable maps. Off hand, I would suspect

2 Wainee (Maui Western) "is **WAINEE** near
Kanaana. This is merely a guess on my part.

"No 3 Kauliouaniki (Oahu)" is **KULIOUOUIKI**. Kauliou-
an is a valley near Koko Head. "Eki" means "little" so Kauliou-
aniki (spelled as one word) probably denotes one of the secondary
valleys or ravines of the main Kauliouan Valley. This is the
name name you enquired about in your letter of Nov. 13.
On the Molokai map you will notice a similar case; there
is Halawa Valley and Halawailoi.

"No 5 Kaimuki Ridge (Oahu)" is no doubt the ridge
north of **KAIMUKI**, the eastern part of the city of Honolulu.
Whitke did not know what your "No 1 Kamolooa Kulalo
(Molokai)" could be. Did it not be **KAMALO** the village
having a wharf in the map? B. Menziesii should have
been found in the dry ridges and ravines north of there.
Does that fit?

I will mail two maps on which you can plot the
range of your species and another package of Bideas
in a few days. This should be the last from Molokai
this year unless our perplexing plant is still answered under
other specimens. If I have not already sent it to you it
will turn up in a few months as my entire collection
gets poisoned.

I am beginning to feel somewhat at home "among
the Hawaiian Bideas species and therefore would like to be
considered co-authority with you for the specimens I discover
from next year on if you consider it fair and the candidate's
warrant it. Of course, if it had not been for your kindness
in giving me photographs of types I would be rather ignorant
out of the group. My ability to hamper the President
Deans etc., of the University with upstarts, no matter how
high they are might widen the wedge by means of which I am
trying to squeeze back into the University for a part-time
position, and would possibly be an aid in fighting the
politically inclined members that be at the local university.
But if you think this unreasonable or that it would
detract from your "glory" don't do it. Probably no effort on

my part will help me any as long as I can
afford to keep my mind off it. I'll not
give up under any circumstances.

2220 Vancouver Highway,
Honolulu, T.H.
Nov. 1, 1928.

Prof. Earl E. Sherff,
Field Museum,
Chicago, Ill.

Dear Prof. Sherff:

Now is the critical time for you to write Dr. Gregory to mail you the Polynesian species of *Bidens* for study. He will probably oblige you now that he has discovered that I know the truth of his dealings in my own case and in Dr. Brown's.

J.F. Rock was driven out of the Hawaiian Islands, C.N. Forbes died of a brainstorm because of worry and everlasting hounding, I have been thrown out of the University because our President is "not sure how the Director of the Bishop Museum would view your appointment" to teach at the University in the future, and now Brown, after sinking \$2000 of his own in his Marquesan work and after being ridiculed in print, is being discarded. Will not some of the members of the Field Museum help put an end to this terrible state of affairs? They know facts that would go far in aiding us to gain our freedom. And to bring these facts before the scientific world (possibly National Research Council) cannot expose them to any danger while we local scientists naturally are rather vulnerable. If the Field Museum could but change the situation here, it would do much to further the scientific work done not only in Hawaii but in Polynesia in general. Unfortunately it would be a task for which they could receive no credit.

I am very sorry for the Brown's who are being treated shamefully. Your complaint that Dr. Brown was attempting to block your studies is incorrect. He is the scapegoat that received the blame and just one more unfortunate victim who has been blud and who is being now cast aside. Of course I merely can pass on to you what Brown told me a few days ago. I do not know the other side of the problem. Brown, who is helpless financially, sank \$2000 of his own money in his Marquesan trip. Now that his manuscript on this work is ready for publication, the director, Brown says, is disarranging or cutting out his figures and purposefully garbling his text to discredit him. He has been forbidden to place any marks on his figures so that they can be identified later when published. Mrs. Brown, who is a Ph.D., has been taken off the museum staff long ago although she did all her work without pay to help her husband in the museum work. Some time ago Brown was told that he had been "fired" also from the staff by the trustees. His wife went direct to the trustees about the statement of the director and discovered that this was absolutely untrue. Now Brown has been told by the director that he will receive no salary after Jan. 1. Whether this is true remains to be seen. At any rate, Brown can't stand here any more and expects to leave soon. He has no position in view and I fear it will be difficult for him to get one because his vocal cords have been injured to such an extent that he cannot speak above a whisper.

The herbarium and Brown's office are on the ground floor while the library is on the second and third of the museum building. Naturally

with the librarian's permission, Brown took books such as Engler & Prantl and Kew Index from the library to his office. One day one of the volumes of Engler & Prantl disappeared. Because he was unable to find it, he was obliged to return all books to the library and was forbidden to remove any henceforth. Consequently, every time he wished to consult any volume at all, he in his feeble condition, was forced to climb the stairs to get to the library. Many months later, Brown found the missing volume hidden away in the fungus cases, a place to which he had never gone before and to which he and the director only held the key. He has been exposed for years to this type of petty annoyance.

When the time comes for you to review Brown's Marquesan article in the Bot. Gaz., I hope you will not help to cut Brown's throat professionally. I would suggest, just for the sake of fairness, that you find out directly from Brown to what extent his manuscript has been changed by the editor. Then write your review, giving due credit and blame not only to the author but to the editor as well. And it would be wise to mention the name of each.

Just read the enclosed article; in particular the comments, and judge for yourself how Brown's reputation as a botanist is being deliberately smashed. Whether one agrees with a man's theories or not, there is no excuse for ridiculing him in this way. And when a botanist forgets to be a "gentleman as well as a scholar", the director of the museum should have deleted certain parts of the article or at least refused to have them printed until the tone had been changed.

I am absolutely disgusted and upset with the conditions here. Nevertheless, I will not be driven out of the islands without fighting to the best of my ability. But when one fights people whose methods are somewhat unusual, one never can tell how the next blow will fall.

I am sure Mt. Kae is Kaala. Hawaiian words, by the way, end in vowels. Please read your label again and see whether "No. 1 Kameloa lualalo" is not Kamalo Ouleh. The g may have been mistaken for l and eh for alo. I will soon be able to climb the ridge of Maunaloa Valley for the Bidens that I dropped out of my press. I also came across some good specimens of my hybrid Bidens from Wailau in going over my plants here. I will mail it to you later. Nothing new has occurred otherwise.

This letter is of course of a personal nature just between us two.

Sincerely,

THE BOTANICAL GAZETTE

CHARLES JOSEPH CHAMBERLAIN, Ph. D., MORPHOLOGY
MERLE CROWE COULTER, Ph. D., GENETICS
SCOTT VERNE EATON, Ph. D., PHYSIOLOGY
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Associate Editor, Taxonomy

7419 STEWART AVE.

CHICAGO, ILL. , Nov. 25, 1928

Dr. Otto Degener,
2220 Vancouver Highway,
Honolulu, Hawaii

My dear Professor Degener:-

Your letter of Nov. 1st came to hand and I

must apologize for not having answered it more promptly. But I have had almost unending interruptions the past two months and so my time has been devoted mostly to other things. I received also your letter of perhaps six weeks ago but this is temporarily out of my reach and later upon finding it I will write further and answer any additional points not covered in this present letter.

Allow me first of all to thank you most sincerely for your kindness in sending me the topographic maps. They appear excellent and will surely be of great assistance. Within a month or two I shall have occasion to be working upon geographic names and will then make much use of them.

I recall that you expressed the desire to be considered a coauthor with me hereafter of any new species sent you by me. This is more than satisfactory to me and I shall be only too highly pleased to add your name to mine, beginning, as you suggest, with whatever plants you send me after the first of the new year (or rather with any plants received hereafter).

May I call your attention, however, to the fact that time is flying and that next autumn I plan to turn my manuscript over for publication. The monograph has been accepted by Field Museum and they will doubtless start upon it, shortly after receiving it from me. I shall be in readiness, however, to incorporate any new forms that you may secure for me right up to the last minute. Perhaps also it will be feasible to insert them in the Gazette as well.

I note your painful experience with Gregory. I am more than pleased to learn from you in this direct way that after all, Brown was an innocent party to the matter. I have acted upon your suggestion and written to Gregory for the loan of the Marquis Island Bidens material. -My first thought upon reading your last letter was to turn it over to some of our local botanists just to show them what Gregory actually was like, but your admonition at the end that the matter was personal between you and me precluded such a course.

Unfortunately, I have absolutely no real official standing here at Field Museum. I maintain my headquarters there largely ~~through~~ through having ~~##~~ a standing as an alumnus of the University of Chicago and the fact that the U. of C. Herbarium is deposited there. Thus I am in no way able to exert pressure upon Field Museum to do anything about the lamentable situation at Bishop Museum. - The Skottsberg article that you sent arrived safely and I have taken some time with it. You doubtless know that we published a short review (I believe by Fuller) of it when it first appeared. I remember Skottsberg as a tall, rather cock-sure sort of man whose taxonomic views did not impress me heavily, and I surely would not handle Dr. Brown's name quite as he has done. But, ~~##~~ it may well be that he was actuated in the main by merely the sporting spirit of an over-zealous debater and meant no real personal offence to Dr. Brown.

When I was at Kansas City some three years ago at the A.A.A.S. convention I spoke to Dr. Schaffner about Dr. Brown's "refusal" to loan me any Marquis Isl. plants and he seemed to feel hurt. He had known Dr. Brown and volunteered to write to him but later informed me that he never received a reply. I believe that it would be a good idea if the permission were first given me by you, to send him your letter privately (I know him quite well) and thus give him the truth about Dr. Brown. It might be that he could help Brown to secure employment.

Now that I think of it, do you happen to know a Freeman there in teaching work, I believe Geology? I had a Clytus Freeman once at Albion College and later met a brother of his. It seems to me that I saw his name some time ago as that of a teacher at the U. of Hawaii, I believe it was Clytus' name. If you know him and he is one of my old students please give him my best regards.

Some two weeks ago I sent you a return shipment of Bidens material that had been in my cases at Field Museum. I sent it by insured parcels post and trust that it has now reached you. Please accept my thanks for having sent it to me. I do not remember at this writing just what I reported to you upon before and what I did not. There was a B. coartata and a B. Wiebkei. During the summer I cleaned up all my mss. on various back matters and put them into the Gazette. They will be out about Dec. 26th and I will mail you some reprints. O yes, I remember another one was B. salicoides, named so because of its very peculiar Salix-like aspect of foliage. My article carries plates of all three.

If at any time you think that a recommendation from me would be of service to you with any of the educational or scientific authorities, I shall be more than glad to help as far as I can. I regret very much that you have been the recipient of such injustice. I appreciate it the more since I myself have had several cases of similar treatment. It seems that a good many "scientists" are extremely jealous of each other and among "botanists" the "underworld" (for such it really is) appears to level its thrusts against systematists.

I shall look forward with eager anticipation to any plants that you may get when you ascend the ridge of Manoa Valley again and in fact any Bidens at all that you may care to send me of your current collections. It would be interesting if you were to secure more material of the above three new species when next you are in the neighborhood where they grow. B. salicoides especially is in need of further collecting as the type was the only plant. The hybrid (or so you construed it) I was doubtful about. I planted achenes but none grew. If you get more I should like unpoisoned achenes.

With the season's best greetings, I remain, as ever,

Yours very truly,

Earl G. Shreve

P.S.- It would be interesting if Dr. Brown cared to tell us in advance whether or not he has any new species of Bidens in his forthcoming publication and if so how many. Also, about how long before copies will be ready for distribution. Rather than wait and give unfriendly criticism afterwards I shall be glad to give him the benefit of any knowledge that I possess if he should care for it.

2220 Vancouver Highway,
Honolulu, T.H.
Dec. 7, 1928.

Prof. E. E. Sherff,
Field Museum,
Chicago, Ills.

Dear Prof. Sherff:

I received your recent shipment of *Bidens* and your kind letter of Nov. 25. I was delighted to note that Wiebke's faithfulness in collecting for me for three years has been publicly acknowledged by you. I know he will be very grateful to you when he hears about this. I know of no other Polynesian who has been honored thus.

I feel rather upset that Wiebke with his unusual capabilities has been obliged to postpone his college work because of financial difficulties. Naturally I am in no position now to adequately help support a family of four while the "white blackbird" husband gains an education. So he built himself a crude boat, attached a motor to it, and is now catching squid on the Molokai reef for the oriental market while his Chinese wife teaches school. He hopes thus to earn enough by summer to keep him in Medical School for at least a year. Apparently he is quite successful in his venture. He wrote me recently that he and a Hawaiian companion had surrounded a school of fish with nets and earned \$300 in one day. Their gain would have been four times as great if the superstitious companion had not refused to catch and land the surrounded fish on a Sabbath, forcing Wiebke to attend to that matter alone. With his fishing and \$500 or so from me for next summer's botanizing, he should at least get a good start toward the degree. Of course, if I were still teaching, I would prevent this interruption of his schooling.

I should think a Eugenics or Genetics Dept., of a University connected with a medical school would arrange to offer such an unusual trihybrid human cross a scholarship just for the opportunity of having such an individual under observation, without, of course, letting him know that he is selected solely as "guinea-pig in an experiment." There are not many individuals of accurately known ancestry who combine three major races, namely Oriental, Caucasian and Polynesian. The fact that he married a Chinese girl and has two children gives additional data to work upon. I must admit, however, that his wife appears to me to be part-Hawaiian. The truth of this, I believe, can be ascertained. After the first feeling of embarrassment, I am sure he would cooperate purely for the sake of science provided his name were not divulged in print. I do not know to what extent the University of Chicago is interested in such work.

I met Dr. and Mrs. Freeman year before last. He taught at the University for one year, learned as much as possible about these islands and then moved on to some other spot of geographic interest.

I meant to get more specimens of *B. coartata* during Thanksgiving but postponed the trip because of a storm.

If you think sending my previous letter to Dr. Schaffner will aid Dr. Brown in any way, don't hesitate to do so. But I feel that I should be criticized as severely as I criticized Skottsberg if I were to circulate and air botanical scandals among people who are neither interested in Hawaii nor can change the present conditions.

Thanks again for your letter. I will transmit it to Brown and write you what he says about his Marquesas *Bidens* material.

What no. and how did I label *B. Menziesii* collected in arid East Fork of Kawela Gulch, 6/11/28. What are nos. and legends for *B. populifolia*. I retained no labels.

Sincerely,

2220 Vancouver Highway,
Honolulu, T.H.
Dec. 10, 1928.

Dear Prof. Sherff:

I visited Dr. and Mrs. Brown last night and read them your letter. I know they appreciated it.

Regarding the Marquesas *Bidens* sps., Brown told me that you have probably studied all species he had ever found. He collected in the same region in which a collector by the name of Henri or Henry had collected for you. I advised Brown to write to you, as well as to Dr. Shaffner

I expect to gather THE *Bidens* around Christmas.

Did I mention that *B. degeneri* var. *apioides* is omitted in your *Conspectus* though found in the key??

In identifying some native *Rubus* sps., for a local horticulturalist, I luckily saw some fragments of *Bidens* between his driers that he had neglected to throw away. I enclose one. The species seems to be not very far from *B. sandwicensis* but it has a different aspect. I will try to get abundant material for study this Christmas. The plant comes from some isolated rather arid mountain east of Maunapu Pali. I will find out more definitely shortly.

Do you need any more topographic maps of these islands? If so, let me know what you already have and what you require. I should think you would need the entire set.

In haste,

2220 Vancouver Highway,
Honolulu, T.H.
Dec. 28, 1928.

Dear Prof. Sherf f:

Mr. Topping returned from the coast a few days ago. Last night I asked him whether he had any more specimens of his 2941 from Niu Ridge, Oahu, which you said is apparently new or more probably a better developed plant of the long-lost *B. pulchella*. He told me that he did have a second specimen but had sent it to Dr. E.D. Merrill, University of California, Berkeley. I would advise you to write Merrill for the loan of all the University *Bidenses* or, if you wish, I will ask him for you as I know him pretty well.

I believe my difficulties have ended in large part because of the information you gave me and your letter to Gregory. I went to Dr. Gregory about two weeks ago and asked him outright whether it would be his policy in the future to prevent my teaching at the University of Hawaii as it was rumored on good authority he had in the past. Gregory denied everything naturally. During the conversation, I was able to show him that I knew of his various exploits and that my friends here and on the mainland were disproving of them, especially his attempt to starve me out of the territory. Your letter to him, requesting the loan of the Museum *Bidens* species, more or less substantiated my story. The result of this is that the University president is bringing my reappointment up before the Regents at the next meeting. Meanwhile, I may inform you that our funds available for next year will not permit the payment of much of a salary to you, but possibly on a part-time basis as suggested, a mutually satisfactory arrangement might be worked out."

Though my personal troubles seem to be over, conditions here remain unchanged. Other scientific workers now here and those yet to come probably will be exposed to the same sort of difficulty from which I have luckily been able to escape.

After this coming summer's collecting trip, Wiebke will probably leave for the coast to study medicine. I am therefore going to take a new student to Molokai this summer, in addition to Wiebke, just to break him in for the following year's collecting when Wiebke will have gone. I have already found a promising Portuguese-Hawaiian, the best student in my friends' science class at the Kamehameha School for Hawaiians. The fellow seems very energetic and strong, and is so much interested in Botany that he wants to become a Forester. He will not graduate from school for two years which means that I will have him as a standby in collecting for 6 or 7 summers before he gets through college. He comes from Molokai and knows the island well.

I plan to get your various new or little-known *Bidens* species with the student at the next opportunity (he is now on Molokai after all) so as to get him on the big kill of the specimen when it is collected. In this way I will stimulate his interest and probably get him to collect with me on Oahu as a volunteer every Sunday. I have already told him that I wanted to collect specimens on every single ridge and in every valley on this island.

I wonder who appoints the sectional chairmen for the National Research Council.

Sincerely,

2220 Vancouver Highway,
Honolulu, T.H.
Jan. 22, 1929.

Dear Prof. Sherriff:

I mailed you rather recently two packages of poisoned *Bidens* specimens. The first lot was collected by Mr. Topping a mile or so north of Kōlekole Pass where *B. waianensis* grows in such profusion. The pass is extremely windy and rather arid. Mr. Topping's plants, I judge, were found in a more sheltered and moister locality. I believe this is the main reason for the less divided character of the leaves though probably a genetic difference from typical *B. waianensis* is a contributing factor.

I planned to collect *B. coartata* from the same station on the eastern slope of Mānoa Valley on Jan. 13. To do so, I took a different trail which turned out to be so long that I never reached the place I started out for. I did, however, find many specimens that day and noticed how greatly they varied in leaf characters. As in *B. waianensis*, in the more exposed and windy stations, the lvs. tend to be more divided.

on the mountain
Last Sunday I set out to search for the *Bidens* northeast of Nuuanu Pali of which I mailed you a scrap with a previous letter. Half way down the Pali (which is merely the name in Hawaiian for cliff), our breakline burned out. So while one student was walking to the nearest garage to get a car to tow us home, I collected rather robust specimens of *B. sandwicensis* in the wet woods northeast of the cliffs. When next I have some specimens of real interest to mail you, I will enclose a few of these *B. sandw.* for your collection.

I will probably climb the arid mt., northeast of Nuuanu Pali for the unknown *Bidens* two weeks from now.

Have you been able to borrow the Museum specimens? I hope so.

Sincerely,

THE BOTANICAL GAZETTE

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Associate Editor, Taxonomy

7419 STEWART AVE.

CHICAGO, ILL., Jan. 31st, 1929

Prof. Otto Degener,
2226 Vancouver Highway,
Honolulu, Terr. Haw.

Dear Professor Degener:-

You will please pardon my failure to answer your communications of Dec. 7-10-28 and Jan. 11 more promptly, but I have been absent from the city part of the time and in other ways too have had many distractions.

At the A.A.A.S. convention in New York I chanced to learn that Dr. Freeman and wife, about whom you wrote, were now located in Oregon. Your inquiry about *B. Menziesii* and *B. populifolia* will demand a separate reply from me as I shall have to wait a day or two until I return to Field Museum in order to get the data desired by you.

I have not heard from Dr. Brown or from Gregory to date. Any way it is at least of some value to learn that Dr. Brown probably did not collect anything new in the Marquis Islands so far as *Bidens* is concerned. Thank you for your notice of my omission of *B. Degeneri* var. *apioides* from my Conspectus. This came of course from my slipping the new variety into print the last moment.

As I recall, the fragment found by you among the driers of a local horticulturist came safely and was laid away by me about Christmas time. Will report upon it later. I note your more than kind offer to secure for me some additional maps for the Hawaiian region. My great need for additional maps will show up a few months later, perhaps by June; then I can write you more intelligently. At any rate, I will keep the matter in mind.-In your Dec. 10th letter, you wrote, "I expect to gather THE *Bidens* around Christmas." I am not clear as to just which *Bidens* you

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had in mind. Shall be interested in learning which one and whether you got it.

I am writing a letter to Dr. Merrill asking the loan of many of the University of California specimens of *Bidens* and will doubtless find among them Topping's 2981 which you say was sent by Topping to Merrill. Am glad to learn that you are making some headway against Gregory. If by some means you can circumvent his little schemes, it should be a good thing for Hawaiian Botany. When one thinks of the vast and far-reaching importance of plants collected by Remy, Mann & Brigham, Hildebrand, etc. in The Hawaiian Islands, it is easily seen that your own numerous collections will gradually come to have no little significance as the years go by.

I am noting your query as to who appoints the sectional chairmen for the National Research Council and will endeavor to ascertain this for you. -Your card of Jan. 11th states that you were mailing me a plant by Topping, but it has not yet arrived. Will report upon it in due season.

It is gratifying to know that your student, Mr. Rodrigues, has begun his climbs with you in search of more material. In this connection may I remind you that Field Museum has accepted my monograph for publication and the printing may have to start next autumn. So I am extremely glad that there is still possibility of some more collecting, of an intensive sort, by you before I have to close my pages and keys.

It is nearly time that I should have a reprint ready to mail you from my December article in the Gazette. -Or did you ever request several reprints of this number? I do not recall that you did, but since the text concerns itself partly with your field I will mail you a dozen or so when I get them.

With all good wishes for the coming season, I am

Yours very truly,

EES/IPS

Emory
.....

2220 Vancouver Highway,
Honolulu, T.H.
Feb. 27, 1929.

Dear Prof. Sherff:

I am mailing you another package of *Bidens*. Most of the specimens have been poisoned, but not all.

B. coarctata is the plant I have been writing you about in the past few letters as being "the *Bidens*" I wanted to collect again in Manoa.

The spring-fed *B. amplexans* is interesting in comparison with the plants found further inland. The plant approaching *B. waianensis* in fruit character seems very close to the material collected by Topping and mailed to you in a previous package. This one and *B. torta?* are new to me.

I think you failed to send me any specimens of *B. fulvescens*. Do you remember whether you did? Off hand, I cannot find any in my collection.

Did I write you that after my talk with Gregory, our president wrote me that probably arrangements could be made for my teaching at the University in the future? But when I spoke to the president a month or so later regarding this proposed reappointment, he avoided the issue which indicates that Gregory changed his mind and ordered our university president to continue as of old.

I am extremely eager to find out who appoints the chairman for the Pacific Division of the National Research Council. I would be ever so much obliged to you if you could let me know as soon as possible. It would be a shame if they did not change from Dr. Gregory to a different type of man for chairman.

Besides Brown, an ethnologist who has been here with the Museum for 20 - 30 years is now being unjustly ousted. Just today we learned of our mutual troubles. As he and Brown may leave the islands in a few months, now is the time to begin the big fight to better local conditions.

If you feel you can do so, I would also like to know the names of the Field Museum members who have had difficulties with this same man. We might then write them about our own difficulties and request that they protest to the same group of men such as the National Research Council, or to the A.A.A.S., about the methods employed by this man. Six Honolulu people, excluding myself, have serious, legitimate protests to make. In addition, there are some in Australia and Japan, not to mention still other scientists living in the States.

Dr. Gregory's friend and classmate may become our next governor. This same man is now one of the Trustees of the Museum. No telling what the future will have in store for us then. Gregory, I was told, once attempted to have a bill passed making it obligatory to deposit all scientific material collected in these islands in his museum. Naturally it failed.

Sincerely,

Chicago Normal College

DEPARTMENT OF SCIENCE [Botany]

Chicago, Illinois, April 3rd, 1929

Professor Otto Degener,
2326 Vancouver Highway,
Honolulu, Haw. Terr.

My dear Professor Degener:-

Just a line to tell you that for some strange reason my inquiries which I made from the permanent secretary (far too permanent to suit me) of the American Assoc. for the Advancement of Science early last month have been ignored apparently by him. I was unable before to learn in Chicago just who it was that appointed or elected the Chairman of the Pacific Division of the National Research Council.- I have just sent off other inquiries to Washington (without mentioning your name of course, or in any way giving the slightest hint as to why I needed the information). I will keep after this matter and let you know as soon as I possibly can.

Your Bidens material came. Many thanks. However, I am so rushed on certain other consignments that it will be a month or two before I can attend to the package at all. -No, I don't think I sent you any B. fulvescens material. You remember doubtless that there were only three or four sheets and the sprays were mutually so unlike that it seemed advisable to keep them all as one type. Then too you intended to revisit the type locality and get more and better plants so I have never yet tried to draw my plate from the rather poor type material.

The only Field Museum man that had difficulties with Gregory or at least came to get an unsavory opinion was Dr. Linton, but he is now at the University of Wisconsin (Dr. Ralph Linton).-I myself have very emphatic protests to make and will be ~~##~~ glad to send them as soon

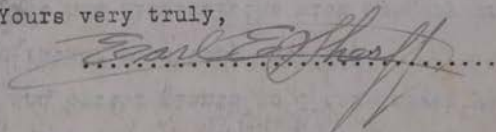
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as I learn from you the name of the proper party.

Will let you hear further from me as soon as I hear from Washington.

With my best regards ~~*****~~ I remain, as ever,

Yours very truly,



CHICAGO MICHIGAN COLLEGE

2220 Vancouver Highway,
Honolulu, T.H.
April 16, 1929.

Prof. Earl E. Sherff,
Chicago Normal College,
Chicago, Ills.

Dear Prof. Sherff.

I was glad to receive your letter of April 3. I have no *B. fulvescens* material as you say and will try to get more and better specimens later. I know exactly where to get them. But eventually I would like a fragment of the type, however - no hurry about it though. I will remind you later.

I am now listing all authentic specimens of the various *Bidens* species with the localities in which they were found. Practically all this data, of course, comes from your various papers and from some of my herbarium specimens. With this data, I am attempting to plot the exact range of each species on outline maps. Later I will mail these maps to you for completion. It will be rather interesting.

I do not remember what I wrote you last about local affairs. Pres. Crawford of the University, who is entirely in Gregory's hands, has practically forced Dr. Bergman to resign. Dr. Bergman, a physiologist, was head of the Dept. He will leave in May to become connected with the U.S.D.A., under Dr. Shear. MacDaniels of Cornell, who was one of the Bishop Museum Fellows last year and who is agreeable to Gregory, was asked to take Bergman's place. He knows pretty much about conditions here and refused the offer. Two men from California were then offered the position and these two refused to accept also. I did not learn who they were but was told they were Systematists. Now a man in Washington (State) has been offered the position. It is likely that he will refuse as he enquired about the number of men in the Dept., and showed surprise at the small number.

I wrote Pres. Crawford for reappointment just a few weeks ago to see what he would say. He replied that "we having nothing against you as a teacher, but it is our judgment that your training and point of view is not what we desire in our particular situation....As to the possibility of offering you a part-time engagement for the teaching of a taxonomy course, I shall not be able to give you any definite word until I am more certain concerning the legislative appropriations for next year. At most this would carry a very small rate of compensation, probably not more than \$40 per month." This is merely a bluff on his part. Gregory does not yet approve of my reappointment."

Gregory, besides dismissing the Browns, is driving out John Stokes, the ethnologist. Dr. Wood-Jones of Australia, an anthropologist, who has been working at the University under a grant from the Rockefeller, had a fight with Gregory some months ago and has now been deprived from working here further. He just accepted another position in Australia. Wood-Jones, to whom I told my story, stated that he desired to

buildup some kind of institution here to study these queer racial crosses and had even been promised \$5000 by one of the prominent businessmen here as a beginning. Gregory then visited the man and spoke against having two institutions in the islands and induced this gentleman to recall his pledge.

I wonder, and it will be interesting to follow this up, whether Gregory plans to have Crawford appoint a bot. Systematist at the University and to have Wood-Jones' unexpended Rockefeller grant given him for research on this flora. The results would of course be published by the Museum while the labor expended on the study would be paid by the University.

I communicated with two of the Regents about Dr. G.'s influence at the University in regard to my reappointment and may get an answer from them after their next meeting. The trouble is, of course, that they will ^{not} want to disagree with the president and thus lower the morale at the University. He is not too popular with the Faculty and Students anyway.

In haste,

2220 Vancouver Highway,
Honolulu, T.H.
May 6, 1929.

Dear Prof. Sherff:

I was interested in your letter of April 3 regarding Dr. Gregory. In a local newspaper article that I unfortunately did not keep, a reporter stated that he interrogated Dr. Gregory, secretary or chairman of the Pacific Division of the National Research Council. I am almost certain it stated that I therefore cannot understand these contradictory letters of yours nor the absence of his name on the enclosed announcement. It may be that Dr. Gregory said that he had held that position formerly to the reporter and that the latter did not qualify his statement in the newspaper. According to an older volume of Men of Science and a letter head of his, he was chairman.

I wish to thank you most sincerely for the reprints you mailed me some months ago. They arrived just at a critical time. With other material, I sent one to the Regents as well as to the Supt. of Hawaii National Park in an attempt to procure a position for myself and for Wiebke.

The latest news I have is that the President of the University has "induced" Dr. Bergman, head of the bot. dept., to leave. MacDaniels of Cornell, a former Bishop Museum Fellow, was asked to take his place but declined. Two California systematists, whose names I do not know, were offered the position. But refused to accept. Then Dr. St. John of Washington State was offered the position. I doubt that he will accept. The fact that Bergman, a physiologist, has been ousted and that systematists are being sought for (especially MacDaniels) is sufficient proof to me that Dr. Gregory's influence is being felt there.

I heard that Dr. Gregory is definitely cutting loose from Yale, expects to buy a house in Honolulu, and desires to retire on a pension from the Bishop Museum after five years. I hope this is true about retiring.

As long as Dr. Gregory remains at the Museum, the University is closed to me. I am therefore negotiating with Haw. National Park for a position as "scientist" there. Since this position is held under Civil Service Regulations I should be comparatively safe from Dr. Gregory's interference. From any other position in these islands, he could easily dislodge me as he has in the past. If the proposed position consists of giving formal lectures on the Park and studying its flora, I may accept. The Park, as you know, includes excellent collecting regions both on Maui (Haleakala Crater) and Hawaii. Five or more years there would not be wasted especially since I would have abundant funds to pay for assistance for collecting.

Just because I may be able to gain some strange type of position at Kil-
auea is no reason why I should not continue my protest against Dr. Gregory's management when I sincerely disapprove of it. Probably the best plan for everyone who has felt himself unjustly treated is to write letters of protest to each of the Trustees, to Rockefeller & Carnegie Foundations, as well as to the various scientific societies to which one may belong. Do you want the names? I have written the Carnegie Corporation and a very strong letter with evidence to the Regents.

Sincerely,