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About the Institute

The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains authoritative collections of books, plant images, manuscripts, portraits and data files, and provides publications and other modes of information service. The Institute meets the reference needs of botanists, biologists, historians, conservationists, librarians, bibliographers and the public at large, especially those concerned with any aspect of the North American flora.

Hunt Institute was dedicated in 1961 as the Rachel McMasters Miller Hunt Botanical Library, an international center for bibliographical research and service in the interests of botany and horticulture, as well as a center for the study of all aspects of the history of the plant sciences. By 1971 the Library's activities had so diversified that the name was changed to Hunt Institute for Botanical Documentation. Growth in collections and research projects led to the establishment of four programmatic departments: Archives, Art, Bibliography and the Library.

DR. W. L. JEPSON, ~~1932~~
UNIVERSITY OF CALIFORNIA
BERKELEY, CAL.

California Botanical Society

MISS E. M. ZEILE, TREASURER
BOTANY BUILDING
UNIVERSITY, BERKELEY, CAL.

\$ 200

Dec. 1, 1932

Dear Dr. Mathias. -

In reply to your letter of Nov. 6,
I am sending a copy of the *Review of Californian*
Umbelliferae. I have no reprints except of the first
two numbers - due to misadventures when one is
away. The little packet goes, under separate cover, by
mail to your address with this. With best wishes
for the success of your enterprise for the North American
Flora, I am, Yours sincerely
W. L. Jepson.

UNIVERSITY OF CALIFORNIA
DEPARTMENT OF BOTANY
BERKELEY

Room 3000, Life Sciences
Building, Nov. 14, 1939.

Dear Dr. Mathias.--

On returning from the Saint Helena Hospital I find the fascicle of your separates which I am very glad to have. Please to accept my best thanks. I shall look over all with interest, especially the one on Lomatium. How did you happen to use the generic name Lomatium? I should be interested to know.

With this there goes to you a parcel of separates of my own, including some of my students, with one or two added of friends. I trust some may at least have a bit of historical interest for you.

With best wishes and pleasant remembrances,

Yours sincerely,

W. L. Jepson

W. L. Jepson.

If and when I find you and Dr. Constance together in the Herbarium I wish to bring you into my quarters to see two interesting treasures trove.

#202

Gray Herbarium



Harvard University

B. L. ROBINSON, Curator
Asa Gray Prof. Syst. Bot.
M. L. FERNALD,
Fisher Prof. Nat. Hist. (Bot.)
CHARLES A. WEATHERBY, Assistant
IVAN M. JOHNSTON, Assistant
RUTH D. SANDERSON, Librarian
LESLEY C. BROWN, Bibliographer
LILY M. PERRY, Assistant

CAMBRIDGE, MASSACHUSETTS, U.S.A.

Nov. 15, 1928.

Miss Mildred Mathias,
Missouri Botanical Garden,
St. Louis, Mo.

Dear Miss Mathias:

Your letter of Nov. 13th has just been received and I have looked up the specimens which you requested. These have been turned over for recording and packing and will probably be shipped tomorrow.

I am sorry that we do not have all the things for which you ask, - most of these being Jones species, I suppose that you have written to Munz at Pomona, for he will probably have a larger representation of these species than any other place in the country.

I wish you would tip off Woodson that he has competition in Apocynum imminent in the Northwest, - the master mind, Prof. Harold St. John, having decided the group needs study!

I hope that the Umbelliferae are being at last settled properly and that the good work is daily getting nearer publication. I have not started on my Chilean ones yet, but I probably shall within a month, and I hope that I can get you interested in one or two of the genera there, for I know that I shall need a checked judgment in several places.

Please give my very best regards to all the good people around the herbarium and library. I had an awfully good visit, and it was fine to get acquainted with you all.

With sincere regards,

Very truly yours,

IMJ/EMG

#203

UNIVERSITY OF SOUTHERN CALIFORNIA
UNIVERSITY PARK
LOS ANGELES

DEPARTMENT OF BOTANY

March 25, 1930

Mildred Mathias,
The Missouri Botanical Gardens,
St. Louis, Missouri.

Dear Miss Mathias:

Although I am very much interested in your letter relative to your training and plans for next year, I regret that at the present time there is no vacancy in the department which would be attractive to you. It is true, however, that the curator of the Herbarium, Dr. Freda Detmers, met with a serious accident on March 2 and is unable to continue with her work, but we hope that she will recover by June.

I shall file your letter and inform you if any vacancy occurs.

Yours very truly,

G. R. Johnstone
G. R. Johnstone.

POMONA COLLEGE
CLAREMONT, CALIFORNIA
Box 82

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ASSOCIATE PROFESSOR OF BOTANY
PHILIP A. MUNZ

HONORARY CURATOR OF BOTANY
MARCUS E. JONES

II-13-1928

Mildred E. Mathias,

Your letter is at hand.

At the time I made my first collections in eastern Utah in 1883 the boundary line of the states of Utah and Colorado ^{was} ~~was~~ hazy in the Green River desert region. Since then I have found that the state line is a mile or so east of Westwater, which places it in Utah instead of Colorado as I then supposed it to be. Westwater is just where the Rio Grande Western R.R. strikes the Grand river east of Cisco Utah. It then ~~was~~ was a switch, and it is little more than that now. I do not remember just how many miles east of Cisco it is, but Cisco is a station on the R.R. Now, and Thompson or Thompson's Spring is the next station west of Cisco. Mack is the first station in Colorado that I remember east of Westwater.

I had an annual pass on the R.R. for many years after that and used to go down there to botanize often, from Salt Lake City where I lived.

Very truly yours,

Marcus E. Jones

POMONA COLLEGE
CLAREMONT, CALIFORNIA

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ASSOCIATE PROFESSOR OF BOTANY
PHILIP A. MUNZ

HONORARY CURATOR OF BOTANY
MARCUS E. JONES

6-7-1929

Mildred S. Mattias: -

Your letter is at hand.

Cymopterus megacephalus was got either a little above the Moencoppa or a little below it, I do not at this time remember which. It grew on the mesas in gravel, like all the other allied species do, such as Eastwoodae, ^mgloeratus, globous etc. It has the same habit, only is larger, and it blooms at the same time of the year which is just after the snow leaves the ground in April or early May. There is no likelihood that you would get any of it now, it is too late. It grows near the lower edge of the juniper zone, just above the Tropical (Lower Sonoran).

I expect to be in that region next week. I very much wanted to get there in April, and planned going there then, but the printing of my Contributions No. 15 was just finished today, and so has delayed me very much. I have to go to Salt Lake City on business and am going to drive through that way and pick up any botanical specimens that I find on the way. I expect to find considerable of interest at Flagstaff, for that is 8000 feet alt. But everything will be dried up below

If I get any material of it I will send you some. But I don't expect to get any.

Will you be kind enough to tell Mr. Greenman that I will send him the Mexican sets I promised him when I get back from Salt Lake. I will mail him my Contributions No. 15 Monday.

Very truly yours,

Marcus E. Jones

POMONA COLLEGE
CLAREMONT, CALIFORNIA

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DEPARTMENT OF BOTANY
PHILIP A. MUNZ, PH.D.
WILLIAM NEWTON, PH.D.

HONORARY CURATOR OF BOTANY
MARCUS E. JONES, A.M.

12-6-1929

Miss Mattias.

I am just now planning what I will do in the field next year. I am free to go any where and any time. I am wondering what are your plans. I suppose you are tied down to the grindstone till June, but the best time to get Umbelliferae is the early spring. I have about decided not to go to Mexico in January, and have decided to go to Texas and rattle around east of El Paso for a month. Prof Cory of Sonora Texas wants to arrange to go with me. There is an ecological problem there that I want to solve. Theoretically all of the region should be Tropical, but the mountains may get up into the Lower Temperate. I can soon settle the matter if I can get my eyes on the vegetation.

If you have any particular questions about the Umbelliferae in that region and cannot go there to get them let me know and I will try to solve your problem for you. If I go I will plan going from there over to Socorro New Mexico and then wiggle around and up over onto the Mogollons on the head of the Little Colorado, and down to Winslow and then on north by the old route to the Monneppi, and a side trip to Kayenta may be, and then down to the old Lee's Ferry and back to Cameron's and then west to El Tobar and Williams and on to the Needles. I want also to go from there through the Death Valley region and on up into Ogagon getting there in June, which is the best time for the Umbelliferae there. A person generally bites off much more than he can chew in planning trips, but this is what I want to do. I incline to think that the spring will be a wet one because so far we have had no rain at all in the west. Of course everything is lively here, roses and dahlias in full bloom, no sign of frost, oranges turning yellow. No snow on the mountains.

I am getting over a terrific attack of the grip, just getting to work again.

Yours,

Marcus E. Jones

POMONA COLLEGE
CLAREMONT, CALIFORNIA

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ASSOCIATE PROFESSOR OF BOTANY
PHILIP A. MUNZ

HONORARY CURATOR OF BOTANY
MARCUS E. JONES

12-13-1929

Dear Miss Mattigs:-

Your note is at hand. I had anticipated what you would be specially interested in among the Umbelliferae, because I have done so much work on them in the past.

You doubtless have learned not to take Rydberg very seriously, and when he says that *Cymopterus globosus* is a chance fasciation, one wonders what he means by it. I think that all development of plants and animals is the result of "chance". When I was a boy I imbibed the idea that God made everything. Now I see so many instances of asinine stupidity in the development of living forms that I cannot think that my God had much to do with it. If we assume that Rydberg meant anything at all, it would mean that *globosus* is a chance form of arrested axis in an umbel or raceme. If that were true there would be many deviations in to short umbels which you never find. *Globosus* is always *globosus*, and the peculiar reduction of the wings toward the base of this and *megacephalus* I think is due to crowding. *Megacephalus* is always a head. It is a big thing compared with *globosus*, but has the same habit and grows in similar situations. The period of bloom is very brief in all the *Cymopteri*, coming just at the close of the spring runoff. I have often gathered snow in one ha and the flowers of *Utahensis* in the other. The chance of getting *megacephalus* is slight for the Navajoes have grazed sheep all over the type locality for some years. I of course dont know where I shall get, for I will govern my movements by the picking, and if it is lean I shall spend little time there. There is one locality for *globosus*, the most ~~XXXXX~~ ^{eastern} one, which is on the west end of the old bar that spans the valley just north of Stockton Utah. There is a magnificent bar of the old Lake Bonneville at that point, and where it joins the mountain on the west *globosus* grows. I have a good friend in a

Mormon, Prof. Cottam of Provo Utah whom I might get to secure some fresh globosus for you. I shall see him next week, as I am going to Salt Lake for the holidays. globosus grows all through northern Nevada.

I dont take any stock in Rhysopterus, But you can be sure I will not miss any Umbelliferae on my trips.

I surely had a picnic determining my Arizona plants this fall. I mean a real picnic, for thirty years ago I botanized in the region and so was familiar with the flora. The curious thing about that region is the discontinuity you find. The isolation has permitted the development of many forms that you dont find in adjacent mountains. For example, I found a new genus of fern allied to Cheilantaea in the Huachuclas, that I am going to call ~~Rhyso~~ Pomatophytum.

My Contributions No. 15 has stirred up the animals in Washington. They dont like too much publicity there. I incline to think there will have to be an investigation and letting out of some fossils. Quien sabe.

Recently a lady at the head of a Cactus society in Pasadena came over and wanted to lecture to the society on Cactaceae. She had heard that there was a professor here who knew all about Cactaceae. She is editing a Cactus journal. It is wonderful how our reputations swell out like mushrooms sometimes. The worst feature about it is that they seem to think that Britton and Rose's Cactaceae is it. But I think it a poor piece of work. I always was a great admirer of Engelmann's ability. We were old friends. Well, I am going to have no picnic speaking to them.

Yours,

Marcus E. Jones

species. There are some 12000 species to mull over, and the work of citations on them is a big one alone. Then the larger genera should be keyed, and that is some job, particularly when we have little but the original descriptions as guides, and Standley's abortive Trees and Shrubs of Mexico to work with. Standley is a hard worker but slops through entirely too fast for good work. Every genus he worked on particularly was poorly done. Will I do any better?

I am no hero worshiper. I am like the old Quaker who said to his wife one day "Betsy, I think the whole world is wrong but thee and me, and sometimes I think thee is queer".

We are having a very wet spell. Some 4 inches of water have fallen in a week, and this morning there was an inch of snow on the ground, a thing that almost never happens here. So far we have had no frost to amount to much. Flowers are still in bloom. We should have spring weather come right off now. In fact the Acacias are beginning to bloom.

Hitchcock was one of our best pupils here. He writes some racy letters to Prof. Kunz about things there. He is an original thinker, but well meaning. I admire folks who have ^{ideas} ~~ixaxs~~ of their own and are not afraid to say them.

A person often gets into hot water, but that is the spice of life.

My next Contributions is going to have some hot stuff on the Agric. Dept. for I think it is about time there was a cleanup there.

Monday I-13-1930. Has rained 5 inches in last week. yesterday it also rained on the deserts of Arizona. So there is some hope that the flora will be good in the spring. I dont want to waste my time in eastern regions in the spring if there is no flora. It surely looks good to see snow on the mountains., for it means a fine spring. We have not had a really decent spring in seven years here.

I really feel as though I was going to get a little rest from study soon. One gets tired of a continual grind year after year. I surely was glad to get out of teaching years ago and into original research work on my own account. Those days the compensation was poor, and one had to work like a dog too. Now in my business (that of a consulting engineer) I work when and as I like, and

get good pay.

Gordon Maxwell E. Jones

POMONA COLLEGE
CLAREMONT, CALIFORNIA

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DEPARTMENT OF BOTANY
PHILIP A. MUNZ, PH.D.
WILLIAM NEWTON, PH.D.

HONORARY CURATOR OF BOTANY
MARCUS E. JONES, A.M.

I-22-1930

Dear Miss Mathias:-

The other day Prof. Munz got an S. O. S. letter from Hitchie asking me to be more discreet about writing you anything about what he writes home about affairs and people there. For he said you had read a part of my letter to you to Greenman when ~~he~~ you were kidding him, but he says you omitted my phrase "racy comments" just in time to save him. So of course I am duly scolded. My impression is that the only ones he commented on unfavorably ^{will} ~~was~~ ^{is} Enhallow and a young fellow there who was intended on finding out more about the personality of a man by the name of Marcus E. Jones, whom he thought Hitchie knew something about. Now if that kid wants to know anything in particular about that man I probably can tell him all about ^{him} ~~as~~ I have lived with him a few years. He always tells men and even women who try to drive him to go to hell. One day last spring a widow here, who can paint some, wanted to paint some of our particularly interesting native flowers, and so I foolishly offered to take her out 100 miles into the desert to show her *Crossosoma Bigelovii* in bloom so that she could paint it. Well, one day I took her out there, and we got the plant in full bloom. On our way back I ^{said} ~~said~~ something that she did not like and she began to razz me about it. I waited till she got out of breath and then I turned to her and said "Whenever a woman tries to razz me I tell her to go to the devil". She shut up as tight as a clam, and has not peeped since. I have had some experience with bossy women, I lived with one 35 years, and she finally gave up the fight and died 14 years ago.

Out here I make it a point to get young folks out of the ruts and to think for themselves, and be independent. This results in getting the girls stirred up so that they often tell me they don't agree with me. This is what I want. No person is so talented as to be safe to follow as a guide, and so I discourage the worshiping of older men. To me a dignified man is an ~~in~~intel-

lectual donkey, for dignity is ^a cloak he puts on to hide his inefficiency. So dignified people do not get very far with me. Another weapon I often ^{use is} sarcasm. One of our most talented girls here is lazy, and so one day I went to her and lamented the "fact" that she was working too hard. I told her it distressed me very much, for I was afraid she would break down. By and by she got my idea and finally one day said "I dont think you are sincere". I struck an ^{air} of great grief that she would dare to think me insincere. Well, she has been working harder since. So here we encourage young people to think for themselves and to express their opinions. But you are getting Hitchie's goat all right, or he would not squeal.

In your letter to me you spoke of Greenman's wanting a set of my next spring collections. I will see that he gets the best one. I am just now finishing my sets of 1929, will be ready this week. The type set will contain something over 500 numbers. The next set will contain something less but I dont know just how many. This will be for sale at 12 cts. each number (not 15 as I wrote Greenman. If he wants it he better let me know right off. I am not going to put out many sets of any year's collections for it does not pay. I am interested in getting the flora of a region and settling its problems in my own mind. Then I distribute the duplicates that are left. Doubtless I could sell many more sets ^{than} I collect, but I dont care to make a pack-horse of myself to sell a few sets. I try to get all the species that are in condition when I go through a region.

Our rains have been abundant in the last two weeks, very dry before. This means a fine spring flora on the desert, in March.

Yours,

Marion E. Jones

POMONA COLLEGE
CLAREMONT, CALIFORNIA

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DEPARTMENT OF BOTANY
PHILIP A. MUNZ, PH.D.
WILLIAM NEWTON, PH.D.

HONORARY CURATOR OF BOTANY
MARCUS E. JONES, A.M.
2-14-1930

Dear Miss Mathias:-

Your letter is at hand. I am now all ready to start for Texas, waiting for the spring conditions. I am planning going to Blythe Sunday to see how conditions prevail along the Colorado. I am not going to miss any plants if I can help it. I dont think that I shall really get away before March 15 on the long trip to Texas, for I doubt if conditions will warrant going before then. But one never knows till things are fight. I Have most of my sets off now, and my Contributions No. 16 will be out tomorrow.

I really dont even care to hope I shall get on to the Little Colorado river at the right time to get my *Cymopterus megacephalus*! My remembrance is that it grows from a tuberous root ^{just} ~~xxxxx~~ *glomeratus* does, and has the same habit. I do not remember any particular difference in the fruit except that the wings taper below, due to crowding.

I am liable to wrap up in a newspaper any *Cymopterus* I find and fire it off at you by mail. I shall make plenty of specimens out of anything I find. I dont take a bit of stock in Rose's *Aulospermum*, *Pheellopterus*, or ~~Pterexya~~ *Pterexya*. I dont see any sense in them. There is one thing however, which has annoyed me, and that is to get any real distinction between *Cymopterus* and certain *Cogswellias*, for the development of wings seems a matter of humidity rather than morphology. Rose's figures are often misleading because he soaked his specimens up in water before drawing them, and this distorts them. Then there is no reliance to be placed on the relative development of wings of the same and allied species till you know the humidity conditions prevailing at the time of gathering. I have gone into this in some of my papers.

I wish you had had more time while here to go over these things with me in detail when you were here. My time is always available at any time, but Prof. Munz seemed to monopolize you, which was all right with me. It was not

for me to butt in.

My ribbon is bucking and annoys me.

Well, I went down to Pomona and got it fixed. There is no chance in a little dinky town like this to get anything done.

There should be some Umbelliferae in the desert region, but we seldom see any in the Larrea area. Now that I am at last free to go I want to get off.

The boys (Hitchie Etc.) will be crazy to get out into the big West to collect, and they will think they are going to do big things, Just as I wanted to do in 1878 the first year I went to Colorado. I had never seen a mountain. The very air smelled sweet to me. I dropped off the train at Colorado Springs. All was new. The Plains species grew in the streets. Then old Pike's peak loomed up in the west and looked so near. That morning as I looked at it from the back yard of my friends' home, I said to myself " I know I am a tenderfoot, but the mountain looks to be only a mile away, I am going to snow today!" There was a patch of snow low on Cheyenne mountain. So out I went in my shirt sleeves and without any lunch. It took me three hours to get to the top of the mountain. Then I climbed by ice up and up and got very tired and at last at 3 p.m. I got to a little patch of snow and slaked my thirst eating it. I got many flowers of course on the way. Then after resting a little I started back. There was a great slide of rock down the mountain into a canon. and as it was going in the right direction I went down the slide twenty feet at a step. It was great fun. Then I got to the bottom of the canon and followed it down, and the farther I went the steeper the sides became till it was a box canon and no way out but to go up or down, and it was getting late. Then I came to a precipice 75 feet high, and tried to climb down it, and half way down got stuck and could neither go up nor down, and hung on the cliff by my finger tips. Then it began to snow great big flakes that melted as they struck the rocks and made them slippery. To fall meant death. So I prayed a brief prayer, and then tried to see if I was to die. It occurred to me that I might edge along on the crack on which I hung, and I might find a better hold near the edge of the wall. I was not frightened but I was trembling all over.

POMONA COLLEGE
CLAREMONT, CALIFORNIA

DEPARTMENT OF BOTANY
PHILIP A. MUNZ, PH.D.
WILLIAM NEWTON, PH.D.

HONORARY CURATOR OF BOTANY
MARCUS E. JONES, A.M.

from the strain. So I edged along as best I could, and when I got to the side there were rocks that I could hold to and get down. It was then dark and no way visible down the canon but to follow the creek. So I jumped from one rock to another. After a while I lighted on a slippery rock where the ice-cold water dashed and my feet went out from under me and I landed hip deep in the water. Whew but it was cold. But there was nothing else to do so I slopped along till I finally got out on the plains and Colorado Springs lights twinkling in the far distance. And it was pitch dark, nothing but the stars to go by. SO I took a bee-line for the town, falling into ditches and against wire fences on the way. Then I came to the Fontaine qui Bouille, the river and I had to wade it as there was no bridge, but I was wet through any way. At last at 9 p.m. I got to my friend's place jst twelve hours after I had left it. I was dead tired, and slumped into a chair as I entered the sitting room. There was a beautiful girl, Ella Beecher, the grand daughter of Henry Ward Beecher, at home and the only one at home, for the rest were away to prayer meeting. She took one look at me and skipped out. In about ten minutes she came back and said "Supper is ready". O my, I could have hugged her. She had gone out and got me a supper, all out of the kindness of her heart. God bless Ella.

Jones

Marcus E. Jones

POMONA COLLEGE
CLAREMONT, CALIFORNIA

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DEPARTMENT OF BOTANY
PHILIP A. MUNZ, PH.D.
WILLIAM NEWTON, PH.D.

HONORARY CURATOR OF BOTANY
MARCUS E. JONES, A.M.

3-19-1930

Dear Miss Mathias:-

Your letter requesting the loan of my new species is at hand. The type is in the herbarium of the B.Y.U. college at Provo Utah. B.Y.U. means Brigham Young University, but we never write it out in full. This is a Mormon school. Prof. Cottam is the prof. of botany, and a fine young man, even if he is a Mormon. I have no doubt he will loan it to you if you ask for it, particularly if you say I advised you to ask him. In view of the fact that the limits of *Peucedanum Parryi* are unknown I thought it best to take a chance on it. If may only be a form of it. I presume I will get more of it this spring if I get over there.

I did not know that Mr. Greenman was sick.

A little bird told me of why you are not planning any trips this summer and that you may be out at Pasadena this fall. In that case I expect you to come down often, unless your other duties are too onerous. This reminds me of my wedding trip 58 years ago in February. We were married in Iowa Falls Iowa and went straight to Salt Lake City by train, stayed there a short time and then I bought a team and covered buggy, and drove 350 miles south to St. George through the snow and slush and mud in two weeks time. It surely was a trying trip. My wife had never camped out before. One terrible night when we were all fagged out by the hard going through the mud, and had to camp in a place called the Devil's Bellows (because the wind always blows hard there) a gust of wind blew sand in the frying pan on the meat cooking. So we had nam and grit to eat that night. The next night we camped among the delicious peach blossoms at Leeds. It was raw and cold and all winter the night before at Kanarraha, and warm spring at Leeds, 2000 feet lower down. It is only in the mountains that you get such violent changes so quickly. It is going to be a grand season. well, I am off for Texas April 1st.

I feel like the children about to see the christmas tree. crazy to get off.
I have been having a lot of fun with Harvard. They criticised my new *Febra*
genus and said it is *Cheilanthes lendigera*. It really has been identified as
that by eastern botanists, but they surely got their foot in it, and I have
been laughing at them ever since. What fools we sometimes make of ourselves.
Gray had a good laugh at me for a blunder I made ~~my~~ years ago. Macmillan once
said of Sheldon that he was the only botanist who never made a mistake. Well
Sheldon made a host of them in his treatment of *Asiragalus*.

Sunday I was out on a trip into the desert to see a new forest of palms.
We got stuck in the sand and it rained on us all day, wet our bedding and
clothes and I was half frozen, expected to be sick but was not. Such is bot-
anizing in the far west.

There is something about the California people that appeals to me. There
is no stinginess about them, no figuring out how to skin you out of half a ce
cent. when I was a boy we used to have a merchant who used to break a stick
of ^{candy} candy to make half a cent change. Lately I was invited to talk to the Cac-
tus Club of Pasadena. About sixty of them came out in autos from there to
Claremont to hear me talk. I was amazed. When my talk was not along popular
lines. I got right after Rose and Bractland-Britton's work on Cactaceae and
said it was not reliable, and that there was no such thing as authority in
science. I told them they did not have to believe anything I told them, but
it was their duty to think for themselves. Then there was prevalent the fool
idea that the Cactaceae was an ancient family, while I took the stand that it
is a very recent one, and that the devices for protection are crude and im-
practicable. All this is what folks would call unwise talk calculated to
cause opposition. My position is that if folks dont like what I say and do
they can go to the devil. I dont trot along behind anyone, well, today I got
an urgent letter asking me to come in and spend the afternoon and evening in
meeting the leading people in Los Angeles, at a conversation.
well, I must ring off.

Yours,

Malcolm E. Jones

#212

Mesilla Park,

New Mex.
4-10. 1930

Dear Miss Mathias:-

I got here yesterday and hope to get to Sonora Tex. to night. Am rather early for best place, but got a great lot of stuff in various places. Am just in time for the early Umbels. Got two good specimens of *Cymopterus purpureascens* at Lodiburg (near there east). I also saw it at Rodeo Ariz. and got one measly specimen in flower, but the other specimens are in fine fruit. You know Rose suggested another name for my *purpureascens*. If I get more of it I will send a fresh one

to you by mail.

There is not much out here
yet, cottonwood are in bloom.
I hope to get in better picking
on the Rio Grande below Sonora.
Sonora will be my headquarters
for two weeks probably.

Yours

Walter J. Jones

#10

Luedeburg N. M.
4.5.30

#213

Dear Miss Mathies! -

Well, I am on my way home. Went pretty well over western Texas and got a lot of stuff. Then struck for the panhandle and went as far north as Artesia 35 mi. north of Dalhart. Then the flora was so late that little was in bloom. Saw no *Caryopteris* in Texas. Today this side of Silver City I came on my *C. puberularis*. It is very scarce and grows only in the tropical life zone. Got a *Caryopteris* like *Pacificus*, and the omnipresent *Cornus-selinum*. I struck west from Artesia through Cloudcroft and Las Cruces and Silver City. Go from here to Phoenix and home.

May take a trip from Death Valley to Oregon juniper.

This has been a delightful trip,
but I am too early for any
region north of this.

Yours,
Marcus E. Jones

POMONA COLLEGE
CLAREMONT, CALIFORNIA

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ASSOCIATE PROFESSOR OF BOTANY
PHILIP A. MUNZ

HONORARY CURATOR OF BOTANY
MARCUS E. JONES

May 5 1930

dear Miss Mathias;-

I have just completed studying my Umbelliferae got on my trip. The results are:

Peucedanum nudicaule Lordsburg N. M. and the Gila River near Silver City.

Chaerophyllum procumbens Rock Springs Tex. and Del Rio, and Sonora tex.

Conioselinum Popei Davis Junction Tex. Del Rio and Ozona.

Daucus Carota Del Rio Tex.

Daucus pusillus Lordsburg N.M. Deming, Rodeo Ariz.

Bowlesia lobata West of Wickenburg Ariz.

Cymopterus purpurascens Jones Rodeo Ariz. East of Lordsburg N.M. and Gila River near Silver City N.M.

On or about the tenth of June I am going to the Little Colorado river to see if I can get Cymopterus megacephalus. Shall drive through from here. I intend to spend a day in the Providence Mts. on the way there and a few days in the Charleston Mts. on the way back.

The collection I got in Texas was the best I ever got in the same time. I shall get all through naming the species this week. There are a few new ones in the bunch.

I learn through Hitchie that Greenman has gone to the hospital. Hope he may pull through all right.

If there any of my Umbs. that you want to see let me know. I can send them on my return. I suppose you will be on your grand tour by that time and wont want to think of anything but that.

Yours,

Marcus E. Jones

POMONA COLLEGE
CLAREMONT, CALIFORNIA

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DEPARTMENT OF BOTANY
PHILIP A. MUNZ, PH.D.
WILLIAM NEWTON, PH.D.

HONORARY CURATOR OF BOTANY
MARCUS E. JONES, A.M.

7-12-103.

Dear Miss Mathias:-

Your letter was here on my return today.

I surely had a strenuous trip. I went straight from here to Flagstaff, and down to Cameron's looking all the way for Umbelliferae, and then to Tuba City. Then back to the main road and down to Lee's Ferry bridge. I found that they had had no rain in the region for three years, and no snow was on the Kaibab. So I got nothing. Then I went over on the Kaibab and to Kanab and Glendale and up the Vergeren and over to Panguitch and on up to Salt Lake. Then over to Elko Nevada. Then north to Mountain Home, and west to Arlington on the Columbia. Then ferried across and went to Eickleton Wash. and spent Sunday with friends. Then they went back with me to La Grande and over to Wallowa lake for three days botanizing. Then we returned to La Grande and I left them and went on to Baker City. Then I turned south and went to Winnemucca past Stein's mountain, and spent a day there. Then I went east to Battle Mountain and back to Winnemucca. Then went to Tahoe (Zalif.) and spent a day with my daughter Mildred at Brockway Beach. Then home by way of Truckee and Sacramento. It was in all a 3000-mile trip, but I got a great lot of stuff, and a few Umbelliferae, but was too late for most of them. I will let you know what I got in due time. I will have the Cymopterus mounted and send to you right away.

Oregon and Washington were perfectly lovely. So was Utah. It was a strenuous trip north from Elko, bad roads, but I got some very interesting things. Then on the way back from Baker City the roads were nearly as bad, and I had some car grief. But the tin Lizzies always make it somehow. It is beastly hot here now and I feel frazzled, but in a day or two will be hard at work again. They say a man of my age should not do such things. I almost never knew fear, and so why should I flinch now? I don't measure myself by others. By and by

when the "silver chord breaks" will be time enough for me to lay my happy burdens down.

It is now Sunday, and I am sitting on the front porch trying to get cool in the beastly heat. I suppose it is about 100 degrees. Tomorrow I will get to work in the herbarium getting ready to print labels. I don't feel much tired today. They say I look thin, but I don't think I have lost any flesh.

I am not surprised that Hitchie is disappointed with his trip. They will have to learn to go where the flowers are, and not theorize where they should be. You might tell Mr. Greenman that I found an Agave near Catman that is manifestly not Utahensis and may be his new species. Will know later on when I look up his description. It belongs to that group. I got plenty of Canotia, which is one of the rarest genera. Along on the west side of the plateau leading up to Williams I found quite a lot of stuff, among them Nolina Texana (apparently). Carum Kelloggii was covering the ground at Tahoe, I never saw it so common before. I stopped some time at Mill City, which is near to Oreana, but I saw nothing of my Cymopterus corrugatus. Too late. In Oregon I was there at the peak of the season. The flora was magnificent. It reminded me of the prairies of Iowa when I was a boy. Well, take it all in all it was a fine trip, but now that I am at home I will be content to loaf a while. I never really loaf, but I call it such when I am at home and can take things easy, and play tennis mornings. I slept out a few times and went prepared to cook my own meals., and I got one meal that way on the trip. The rest of the time I bought my meals. School is out here and things are dullness personified. Even the girls are out on a Sunday hike today.

Yours,

Malcolm E. Jones

Well. Here is best of good wishes in your new venture. Play the game on the square and don't grouch. A happy union is Heaven, an unhappy one is Hell. I know for I had 35 years of Hell. My wife could just as well have played the game right as wrong, but she preferred to try to dominate me, and failed, and is dead. No man who is worth having will endure feminine domination.

POMONA COLLEGE
CLAREMONT, CALIFORNIA

216

ASSOCIATE PROFESSOR OF BOTANY
PHILIP A. MUNZ

HONORARY CURATOR OF BOTANY
MARCUS E. JONES

7- 17-1930.

Dear Miss Mathias (or Mrs Razzle-dazzle), You did not tell me what your new name is to be and so I have to Guess.

Well, I send you today by mail a package containing the herbarium sheets of my Texas collection of Umbelliferae. You can return them when you have looked them over. I have no duplicates of *Cymopterus purpurascens* but I could let you have duplicates of the others if you want them.

Very truly yours,

Marcus E. Jones

18802

Claremont

8-16-30.

Dear Miss Malinas,

I got your letter. Am on train for
 L. A. to get passport. Will look up
 to you this h. m. when I get back.
 Your statement about when you will come
 out to the college reminds me of very artist in
 Salt Lake. One day she said "I don't do a month's"
 I asked inquiring she sharply said "I can
 going to get married." I said "Then it means the
 rest of your work goes me." O. M. I will be
 back in a month. All right, but I know you will
 not be back in a month. I wanted to see
 then she turned up and wanted to have 2 sheets
 home to draw them then. A month after that
 she came again and said it was impossible
 to work she had too much to do at home. So this
 ended the beautiful work of Blaha Brooks for me.
 She did my *Asplenium* for me, and worked for me
 over 2 years. She had all the inspirations of a real
 artist. There are few like her. We have one here but she
 married in the spring and I guess that will end her
 botanical drawing.

Aug. 27 + 30. I have waited to go through the herba-
 rium to find the type of my *Gymnopteris basalticus*, but it is
 not here. I had nothing to do with the mounting of my speci-
 mens and was not consulted about them. Prof. Munz took out
 of my material what he wanted to have mounted and threw the

rest away or sent it out in exchanges. The result is that
some of my types have disappeared. He may be able to find
it but I have no idea where to look for it. I felt that
I should be consulted in the mounting of my types, but I
was not and that is all there is to it. At times I have been
been pretty sore about it but what is the use of crying
over spilt milk. When I sold the herbarium, I gave up my
right to dictate as to how things should be done with it.
It may be when you come here you may find the type but I

cannot

Yours,

Mabel E. Jones

I go to Met next week.

Claremont Calif.

1-3-1933.

Dear Mrs Hassler:- I got your Christmas card duly and am glad to learn that you are still on the job. though you did not include any name of any new Hassler. Two of our kids got married last year and they sent in cards announcing the new arrivals recently. I have at last got through with my Mexican plant and am putting up yokesets I have had two bad attacks of the grip recently and my typewriter seems to have got it. maybe the trouble is in the operator. Here it is the fashion for the old men to kick off by the grip route. There is no sense in going that way for it is easily cured, but we get lazy about taking remedies. I think I told you I do not like your timid treatment of the Cymopterus group. I have recently studied Arracacia and Fauschia and Deweya and do not agree with Mc Bride's treatment of the group nor with Rose's relegating most of Deweya in another genus. I am going to keep to Arracacia. I have a new species of Fauschia.

Very truly yours,

Maxon & Jones

Claremont Calif.

8-17 1933.

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Dear Mrs Hassler:-

The two young folks from the Museum called on me yesterday and I had a pleasant visit with them telling them how and where to go to see things in S. Calif. The young lady seemed a very sociable person and the good old New England type, not ashamed to admit that she liked housework best but tried to be a real help to her husband. I took quite a fancy to her, she seemed so typically of the kind I like best. I told her I was going to re-view your work on the Umbelliferae, in my next Contributions, and that I did not at all approve of your following Rpsse so closely, but that I was going to try to avoid hurting your feelings. I am issuing next week my Contributions No. 18 extracts containing descriptions of about 150 new species from Mexico. The reviews and narrative stuff will be reserved to be completed later on as I have time but I will send you a copy, and which will not contain the review referred to.

I understand that you are working at the Bronx now. It will seem quite lonesome up there with Rydberg gone, Small is the only botanical fool left there now and so he must feel quite alone, but he has plenty of nerve and not likely to feel lost till we rip him up the back a few times. For his ~~botanical~~ botanical stupidities. I have recently gone over Rydberg's revision of the Fectis group because I had several new species in the group, He is the same old fool he always was in Asparagus., taking up discarded genera.

We have been having real weather here for some weeks almost hot enough to cook an egg, 124 degrees in Imperial valley and 110 here. The heat has not modified lately to speak of. We are still enjoying (?) the weather. I have a niece in Pasadena who is working in one of the city offices and has a niece living with her. I go in to see them occasionally, one of them wears shorts and the other wears the abbreviated bathing suits in vogue now which is also somewhat "Short!" I don't get over a feeling that it is not quite chic to dress so. but ~~they~~ they don't seem to mind it, if I do. They are not scrawny girls.

in fact rather shapely. I still feel that the average American woman is a social fool and lacking in natural modesty. Even the married women have got the foal idea that they are the equals of the men and ^{their} moral superiors. One day I was driving out with a widow to get specimens of *Crossosoma Bigelovii* for her to draw and on the way I made some remark that she did not like and she began to scold me for it. I waited till she got out of breath and then turned to her sharply and said "When a woman tried to razz me I tell her to go to Hell." this shook her up so that she kept quiet for a hour. I had plenty of experience in that line with my foal wife, ~~the~~ a natural she devil who got what was coming to her before she died. She was very domineering and I never would stand any of her performances. So I began to hate her and at last told her we would have to separate. and that she was nothing but a social grafter.

There are many fine women in the world but they are all caged. Manz told me once that you had written that you were not trying to raise any babies and that that you imagined I would not approve. Once Betty Crow and I were discussing the subject and she told me she was not going to have any babies. I replied "You are a foal to think that. You are a husky woman and should bear children." The other day came the news she had a boy baby and had named it Eric. So I wrote her saying that I was glad that she now had two viking bosses even if it was rather late, but better late than never. ~~There~~ There is another husky woman here who recently married our druggist. She got the jitters when we had our big earthquake and was all wrought up by it. She came to me to ask about the probability of another soon and I laughed at her for being hysterical then she told me she had colitis. I said you have no right to have any such trouble it comes from laziness, and you should control yourself. She recently took a 10000 mile auto trip with her husband through the east and just got back. One day she told me she wanted a family, but had not got that way yet.

Too bad women who want them can't get them and those who do not have too many. I told her how to get rid of the colitis and constipation attending it and she looks better now. Nature made us to be full of pep why not?

I have been getting deaf slowly the last twenty years. So the other day I worked out mentally the cause, my doctor said it was ~~and~~ but I could not agree.

with him. So after trying various various devices and having them fail I decided that it was due to swelling of the auditory tubes by catarrh which I have had all my life and so I went down to Pomona and had a specialist treat the tubes day before yesterday and now I hear better and hope for a cure. Folks say I am not very deaf, but when I have to ask people over and over to repeat what they say I know I am deaf. Otherwise I feel fine but am getting slow motioned I dont see any sense in getting old any way, but the folks in California parade me as a curiosity whenever I visit their meetings., but the women fear my pen. Mrs Rooksby told me one day she would hate to incur my enmity. because of my sharp pen. She needs to be jacked up for she is a coward. She edits the Desert. which you have seen. and for which I have written.

We have a crackerjack woman in California a natural botanist, Mrs. Hutchinson for whom I name a species and genus.

I am sorry that I did not see more of you when you were here but Munz monopolized you too much

Yours,

W. C. Coker
Digitized by Hunt Institute for Botanical Documentation

\$ 2.20

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

DIVISION OF
EGYPTIAN COTTON BREEDING

June 19, 1936.

Mrs. G. L. Hassler,
Rural Delivery,
Shingletown,
State College, Pa.

Dear Mrs. Hassler:

We are mailing you today a small package of Apiaceae, mostly collected in the vicinity of Betatakin, Navajo County, Arizona. The specimens are fragmentary and some of them scarcely identifiable, but I would appreciate it if you would name such of them as can be determined. Enclosed with the Wetherill specimens is a mounted sheet of *Caucalis* which Mr. Peebles thinks is aberrant.

In order to avoid complications with the National Museum red tape, will you kindly return the specimens directly to me, care of Bureau of Plant Industry, U. S. Department of Agriculture?

With kindest regards,

Sincerely yours,

T. H. Kearney

T. H. Kearney
Principal Physiologist

THK/VW

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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

EGYPTIAN COTTON BREEDING

Sacaton, Arizona,
August 6, 1936.

Miss Mildred E. Mathias,
Shingletown,
State College, Pa.

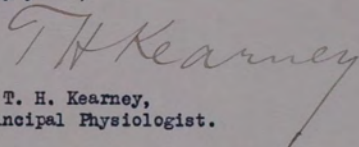
Dear Miss Mathias:

Many thanks for your identification of the specimens of Umbelliferae sent you recently. They were received in good order. We are mailing you to-day a specimen that has puzzled us. Another specimen of this number in the National Herbarium, was identified by you as Cogswellia nevadensis, but it may not have been the same as the one we are now sending you, which looks very unlike others of our specimens that you have identified as nevadensis. I would greatly appreciate your identification of this specimen.

An addressed frank is enclosed for return of the specimen.

Hoping that you are having a pleasant summer, and with best regards,

Sincerely yours,



T. H. Kearney,
Principal Physiologist.

Encl.

THK-F

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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

DIVISION OF
COTTON AND OTHER FIBER CROPS
AND DISEASES

January 21, 1938.

Miss Mildred E. Mathias,
1156 Keeler Ave.,
Berkeley, Calif.

Dear Miss Mathias:

Several months ago I promised to send you a list of the Apiaceae in the National Herbarium. I have at last found time to prepare this list and am mailing it to you under separate cover, together with a list of localities in Arizona, with the altitudes, as closely as I have been able to determine them. You may find this useful in stating the altitudinal ranges of the species.

The list of species is complete as far as my record goes, although I may have overlooked a few species, not having had any clue to their occurrence in the State. No doubt, Dr. Maxon would be glad to lend you any of the specimens that you may wish to examine.

With kind regards and best wishes,

Very sincerely yours,

T. H. Kearney
T. H. Kearney
Principal Physiologist

THK/VW

P.S. A supplementary memorandum on the form to be followed in preparing the manuscript, based on suggestions by Dr. I. M. Johnston, Dr. S. F. Blake and others, is enclosed herewith.

*THK
p.u.v.w.*

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTONDIVISION OF
COTTON AND OTHER FIBER CROPS
AND DISEASES

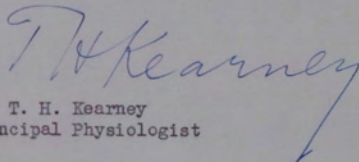
January 26, 1938.

Miss Mildred E. Mathias,
1156 Keeler Ave.,
Berkeley, Calif.

Dear Miss Mathias:

We are mailing you today a package of specimens of
Apiaceae, collected in Arizona last season, and would greatly
appreciate having your identifications of them. If there are
any of these that you would like to keep, please so indicate on
the sheets and we shall be glad to return them to you, in case
we have sufficient material to be divided.

Very sincerely yours,

T. H. Kearney
Principal Physiologist

THK/VW

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

DIVISION OF
COTTON AND OTHER FIBER CROPS
AND DISEASES

February 24, 1938.

Miss Mildred E. Mathias,
1156 Keeler Ave.,
Berkeley, Calif.

Dear Miss Mathias:

The specimens of Arizona Apiaceae, with your identifications, have just arrived and I am very much obliged to you for the trouble you have taken. Evidently there was nothing very unusual in the small collection we made last year.

With kind regards,

Very sincerely yours,

T. H. Kearney

T. H. Kearney
Principal Physiologist

THK/VW

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

DIVISION OF
COTTON AND OTHER FIBER CROPS
AND DISEASES

January 6, 1939.

Miss Mildred E. Mathias,
Department of Botany,
University of California,
Berkeley, Calif.

Dear Miss Mathias:

It seems fitting to begin the new year by writing to our collaborators on the Flora of Arizona to find out how soon we may hope to have their portions of the manuscript. We are making good progress in assembling the manuscript and would be glad to have your treatment of the Umbelliferae as soon as you can furnish it without too much inconvenience.

I was sorry to hear that you have been ill recently and hope that you have entirely recovered by this time. I do not want you to feel under too much pressure to complete the work, but would appreciate hearing from you at this time as to how soon we may expect to receive the manuscript.

With kind regards and best wishes for the new year,

Very sincerely yours,

T. H. Kearney
T. H. Kearney
Principal Physiologist

THK/VW

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

DIVISION OF
COTTON AND OTHER FIBER CROPS
AND DISEASES

February 2, 1939.

Miss Mildred E. Mathias,
1156 Keeler Ave.,
Berkeley, Calif.

Dear Miss Mathias:

Replying to your letter of January 24, I am delighted to know that you are making good progress with the Umbelliferae and shall look forward to seeing your manuscript before very long. I realize, of course, that you have been considerably hampered this winter by ill health and the pressure of other work, and am all the more grateful that you have been able to devote some of your valuable time to your contribution to our flora.

I shall give your message to the lunch mess, although I am sure that they would rather receive it from you in person.

Hoping that your health is much improved, and with best regards,

Sincerely yours,

T. H. Kearney

T. H. Kearney
Principal Physiologist

THK/VW

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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

DIVISION OF
COTTON AND OTHER FIBER CROPS
AND DISEASES

February 24, 1939.

Miss Mildred E. Mathias,
1156 Keeler Ave.,
Berkeley, Calif.

Dear Miss Mathias:

We are mailing you, under separate cover, three specimens of Umbelliferae and would greatly appreciate having your identifications of them. It will not be necessary to return the specimens, unless the one stamped "No duplicate" turns out to be something especially rare. To provide for that contingency an addressed frank is enclosed, but I suspect that it will not be necessary for you to use it.

Hoping that you have quite recovered from your recent illness and that everything is going satisfactorily with you,

Very sincerely yours,

T. H. Kearney
T. H. Kearney
Principal Physiologist

THK/VW
Enclosure

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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

DIVISION OF
COTTON AND OTHER FIBER CROPS
AND DISEASES

Sacaton, Arizona
March 27, 1939

Mrs Mildred E. Mathias,
Department of Botany,
University of California,
Berkeley, Calif.

Dear Mrs Mathias - Your letter of
March 15 arrived the day I left
Washington. Thanks very much for
the identifications. I am glad that we
have been able to identify the
flora. The label you asked for is enclosed.

I expect to be in San Francisco about
April first ("no foolin'") and hope to
see you at that time.

Am sorry to learn that you have
been ill again and hope that your
health will soon improve.

Sincerely yours,
G. W. Kearney

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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

DIVISION OF
COTTON AND OTHER FIBER CROPS
AND DISEASES

U. S. Field Station,
Sacaton, Arizona,
April 24, 1939.

Miss Mildred E. Mathias,
Department of Botany,
University of California,
Berkeley, California.

Dear Miss Mathias:

As soon as possible after my return to Washington, on May 1,
I shall submit to the editors of Proceedings Biological Society Wash-
ington a paper entitled "New Species, Varieties and Combinations in
the Flora of Arizona". If you have anything in this line, in connec-
tion with your work on the flora, and have not arranged for publication
elsewhere, I shall be very glad to include it.

With best regards,

Very sincerely yours,

T. H. Kearney

T. H. Kearney
Principal Physiologist

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

DIVISION OF
COTTON AND OTHER FIBER CROPS
AND DISEASES

May 11, 1940

Miss Mildred E. Mathias,
Department of Botany,
University of California,
Berkeley, Calif.

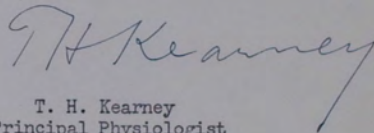
Dear Miss Mathias:

We are sending you a specimen of what Mr. Peebles has identified as Cymopterus bulbosus A. Nels. If it is this species, it represents a considerable southward extension of range in Arizona. The specimen need not be returned, but I should appreciate very much having your identification of it.

It was a great pleasure to see you and Dr. Constance a few weeks ago, and I enjoyed our lunch very much. I hope that the young lady is flourishing.

With best regards,

Very sincerely yours,



T. H. Kearney
Principal Physiologist

THK:VW

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTONDIVISION OF
COTTON AND OTHER FIBER CROPS
AND DISEASES

July 11, 1940

Miss Mildred E. Mathias,
Department of Botany,
University of California,
Berkeley, Calif.

Dear Miss Mathias:

Thanks very much for the identification of the specimen of Cymopterus. I congratulate you on having completed Eryngium for the North American Flora.

The Flora of Arizona has been accepted for publication by the Department of Agriculture, and fortunately we were able to get it in before the expiration of the 1940 appropriation on June 30. It might have proved very difficult to have it published out of current funds, on account of the pressure for economy in the interest of national defense. There was a sufficient balance of the old appropriation for printing to take care of this book, which we estimate will run to about 1,000 printed pages.

With best regards,

Sincerely yours,

T. H. Kearney
T. H. Kearney
Principal Physiologist

THK:VW

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

DIVISION OF
COTTON AND OTHER FIBER CROPS
AND DISEASES

January 18, 1941

Miss Mildred E. Mathias,
1156 Keeler Avenue,
Berkeley, Calif.

Dear Miss Mathias:

A copy of a revised gazetteer of Arizona localities likely to be of interest to botanists is being mailed to you, as one of the collaborators who contributed to the forthcoming "Flowering Plants and Ferns of Arizona." Enclosed with it are separates of recently published papers relating to the Arizona flora. Additional copies of the gazetteer can be supplied, on request, as long as any are available.

Sincerely yours,

T. H. Kearney
T. H. Kearney
Principal Physiologist

THK:VW

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTONDIVISION OF
COTTON AND OTHER FIBER CROPS
AND DISEASES

April 26, 1941

Mrs. Gerald Hassler,
1156 Keeler Avenue,
Berkeley, Calif.

Dear Mrs. Hassler:

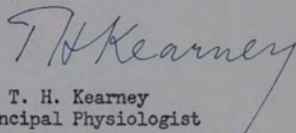
Galley proof of the article by you and Dr. Constance on Umbelliferae for "Flowering Plants and Ferns of Arizona" is enclosed herewith. I should appreciate it if you could read it promptly and return by air mail, as it is very desirable to put the galley proof through as promptly as possible.

You will notice certain changes that have been made in the interest of conciseness, or in order to have the style as uniform as possible throughout the work. In the keys we have followed the practice of always having the shorter of two paired sections precede the longer section. Varieties have been omitted in the keys to species, but a key to the varieties is inserted under the species in cases where three or more varieties of that species are found in Arizona.

I hope that you will not think that we have taken too many liberties with your manuscript and would be glad to have you bring to my attention any changes that you consider inadvisable.

With best regards,

Sincerely yours,

T. H. Kearney
Principal PhysiologistTHK:VW
Enc.

CALIFORNIA ACADEMY OF SCIENCES
GOLDEN GATE PARK
SAN FRANCISCO 18, CALIFORNIA

December 29, 1948

Dr. Mildred E. Mathias
Division of Botany
University of California
Los Angeles 24, California

Dear Dr. Mathias:

I am sending you under separate cover, MS of the Umbelliferae of Arizona, in the form agreed upon for the new book. I have inserted all records of additional species, extensions of range etc., known to me. The specimens upon which these data are based are mostly in the herbaria of the California Academy of Sciences and the University of Arizona, and I am sure that I can arrange to have you examine any of them you would like to see.

Please treat the MS as a rough sketch. I want you to feel perfectly free to make any changes you think advisable, as I would not expect you to assume responsibility for statements that are not in accordance with your views.

Your cooperation in this matter is highly appreciated, I assure you.

I presume that you will wish to send the MS to Dr. Constance when you have finished with it. If, however, you prefer to return it to me, I shall be glad to forward it to him.

With all good wishes for the New Year,

Sincerely yours,

Thomas H. Kearney

THK/vg

January 20, 1949

Dr. Lincoln Constance
Department of Botany
University of California
Berkeley 4, California

Dear Dr. Constance:

I am infinitely obliged to Dr. Mathias and to you for your prompt attention to the manuscript of Arizona Umbelliferae. Your changes and corrections are all, of course, very acceptable.

In regard to the sequence of genera, I followed the Dalla Torre-Harms sequence, as in U.S.D.A. Publ. 423, largely because the U. S. National Herbarium, where most of the work on Publ. 423 was done, is arranged on that basis. But it will be very little trouble, with the aid of the paste-pot, to rearrange the genera in the sequence you and Dr. Mathias adopted in North American Flora, and as that is now the standard authority on North American Umbelliferae, I think it would be better to do so.

I am very much obliged to you for speaking to Mr. Fruge. He told me some months ago that they might have to price the book at about ten dollars, if they decided to undertake publication. This might reduce sales, especially for use as a text book at University of Arizona and the State Colleges. Yet I should think that an edition of, say, 2000 copies could be disposed of, even at this price, in five years or so, judging by the fact that Publ. 423 was out of print in so few years.

With many thanks and best regards,

Sincerely yours,

Thomas H. Kearney

THK/vg

Dear Dr. Mathias — Dr. Constance tells me that you did most of the work and I am very greatly indebted to you for having edited the MS. so thoroughly. With kindest regards,
Sincerely, P.H.K.