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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.

UNITED STATES
DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Idaho State Coordinator's Office
Moscow, Idaho
February 24, 1938

109 West Third St.

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

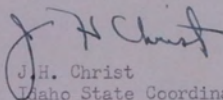
Dear Miss Mathias:

I have been informed by Mr. Standley of the Field
Museum that you are engaged in a study of North American
Umbelliferae.

I have made a rather inclusive collection of the
Idaho flora and am not too well satisfied with some of the
determinations which were made in the afore-named family.

Therefore, I am wondering if at a later date I
may forward you some of this material for identification.

Sincerely yours,



J.H. Christ
Idaho State Coordinator

JHC:b

UNITED STATES
DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Idaho State Coordinator's Office
Moscow, Idaho
May 24, 1938

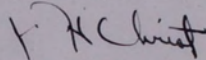
Dr. Mildred E. Mathias
Department of Botany
University of California
Berkeley, California

Dear Dr. Mathias:

Under separate cover I am forwarding you a number of collections of Umbelliferae which I made last summer. I would appreciate very much your identification of this material.

With this shipment are a number of mounted specimens of which I do not have duplicates. I would like to have these returned, but the balance you may have to dispose of as you see fit.

Very truly yours,



J. H. Christ
Idaho State Coordinator

JHC:b

Finschhafen, Morobe, New Guinea. Germ. Luthern Mission. Sept. 7/36.

Dear Dr. Mathias; -

In Vol. 37 May 1936 number of the Journ. N.Y. Bot. Gard. which contains Dr. Howe's article re. my beloved companion of over 40 years, I see your name and give myself the pleasure of sending you a fragmentary specimen of Umbel. It is the only one I have found here outside of a garden and I hope it may induce you to join me here and find some more. I came to this inland village of Yunzaing last Apr. and am the only foreigner here, - in one, small dark room without even a pretense of a window, a very narrow door which is never shut, except the neighbor's shut it when they find I have gone to the "bush", - that does not seem an appropriate name for these towering forests where snakes swallow animals the size of pigs, and so-called "kangaroos" with beautiful fur and long tail, - I saw one taken from the "tummy" of a snake last week and put a hind foot in spirits. Why did you not come to N.Y. Bot. in 1930 when we spent the summer there before going to the Inter. Nat. Bot. Congress? And why did you take up Umbel. instead of the entrancing rusts which give me such thrills here? I wish they thrilled Dr. Diels as much! He only can give permission for any one to publish anything in our colls. but I'd simply die not to share a few fragments so with this I'm sending Agnes Chase some gram. and Dr. C.W. Dodge, an old friend, a lichen, also a rust to Singapore Gard. and C.T. White in Brisbane is a great help in naming genera usually adding the sp. does not agree with the descriptions. Do you know Dr. H.H. Bartlett through whom I often send rusts? It was such a joy to have him in Manila a whole year. I hope you will have time to tell me a lot about yourself, - my women flower friends are most all gone to the land of never fading fls. except A. Eastw. M.S. Clemens.

Digitized by the Institute for Botanical Documentation

M.S.C.

1635 Laurel St.
So. Pasadena, Calif.
March 17, 1936.

Miss Mildred Mathias
State College
Shingleton Gap, Pa.

Dear Miss Mathias:-

Would you be willing to identify two species of Umbelliferae from the Charleston Mts, Nevada. I would of course be glad to have you keep the specimens for the identification. The Charleston Mts. for a botanical island from which there have been found such a large percent of new species that your identification of these would be very valuable.

Very truly yours,

Drum C. C. C. C.

1635 Laurel St.
So. Pasadena, Calif.
April 17, 1936.

Miss Mildred Mathias
State College
Shingleton Gap, Pa.

Dear Miss Mathias:-

As per your letter of the 4th. inst. I am sending your under separate cover three specimens of Umbelliferae from the Charleston Mts. One of these seems to be *Osmorrhiza obtusa* though even of this I would like your opinion. The other two 5548 and 5549 seem to be new. No. 5548 has been collected before but in the Pomona Herbarium is incorrectly named. No. 5549, so far as I have been able to determine has not been collected before.

Owing to the difficulty in identifying them I have neglected collecting members of this family. If you will be interested I will be on the lookout for them in the future. Expect to be in the Charleston Mts. again this summer. Moreover I have a few numbers collected in the deserts last season and on Santa Cruz Island. I could get these out next winter and send with anything I get this year.

You kindly offer to identify any questionable specimens I have. Unfortunately I know so little about the family that I would not know what to find. Still you will be able to identify those I have mounted in my herbarium. Most of these could doubtless be identified at sight. The others might be of interest. I would of course be glad to pay transportation both ways.

Very truly yours,

J. M. Coulter

1635 Laurel St.
So. Pasadena, Calif.
July 18, 1936.

Miss Mildred Mathias
State College
Shingleton Gap, Pa.

Dear Miss Mathias:-

As I am leaving on July 1st. to spend the summer in the Charleston Mts., Nevada, I wonder if you could give me your opinion of the Umbelliferae sent to you in April. If you should find one or both of these plants undescribed I would suggest that, before you publish any description, you wait until I can secure a large series so that they could be widely distributed. Thanking you for a prompt reply, I am

Very truly yours,

Ira M. Cleobey

IRA W. CLOKEY
1635 LAUREL STREET
SOUTH PASADENA, CALIFORNIA

Dec. 28, 1936.

Miss Mildred E. Mathias
State College
Shingleton Gap, Pa.

Dear Miss Mathias:-

Your letter in regard to the species of Angelica from the Charlestons reached me safely. I collected both of the species in quantity, in fact both of them will go out in the Gray Exsiccatae. Each sheet contains a lower leaf, top of stem including buds, flowers, and early fruit, also a later collection included almost mature fruit. I also have some mature fruit to help you in your identification. In each case I have about 150 sheets. How much of this material do you want to see?

You suggest that no. 5548 is closest to *A. tomentosa* or *Breweri* and that No. 5549 is closest to *A. Kingii*. I considered these relationships last year but felt that the plants were different. However you know so much more about the family than I do that your opinion would be final. In making this survey of the Charlestons I had hoped to describe and so have my name associated with any new thing I found. However in this family I feel helpless. Would you care, in case these should be new, to include me as joint author? This I leave entirely up to you.

I have a few other collections of Umbelliferae from the Charlestons regarding which I would like your opinion and will send specimens for the identification. Also would you be willing to identify and annotate the small number of Umbelliferae I have in my herbarium?

Very truly yours,

Ira W. Clokey

Each species of the Angelica is found in only one location so far as I have found this far

JMC

IRA W. CLOKEY
1635 LAUREL STREET
SOUTH PASADENA, CALIFORNIA

Jan, 23, 1937.

Dear Miss Mathias:-

I sent to you yesterday by express a package containing the Umbelliferae from my herbarium, 349 sheets, and eleven duplicates which I would be glad to have you keep. Sorry that I have no more duplicates but this is a family that I have neglected. In the future I will be on the lookout for it. There are, however, few species in the Charlestons, only one more, *Osmorhiza obtusa*, that I have found in sufficient quantities for wide distribution. From my herbarium I included everything I had. Some of these are foreign and may be of no interest but you might be interested in seeing them. When you are through with this material please return at my expense. I certainly appreciate your going over this material.

Of the two species of *Angelica* I inclose a duplicate of each. These have the same numbers as last year but contain a date for collecting last year, the material from the two years, being from the same localities, being combined. I also send fifty sheets of each and separately seed from the one from Deer Creek. Of the one from Charleston Park, the seed is practically mature. Please feel free to take any more of this material you wish as I have in addition 100 sheets of each for the *Gray Exsiccatae*. Much of the material sent to you will be sent to places where the *Exsiccatae* will not go so that both will be widely distributed.

As far as I have seen both species are confined to the one locality each. In Deer creek the plant is confined to a distance along the canon of about one half mile, in very close proximity to running water. The plants range from about two feet to three and one half feet tall, and grow in clumps which at one place are tree to four feet across. It is associated with *Pinus scopulorum* (Engelm.) Lemmon which grows in the bed of the Canon. The elevation is as given on the label. The *Angelica* from Charleston Park is somewhat more expented as it occurs for a distance of about two miles. At the upper limits it occurs on a north slope associated with *Populus*. Here the plants are scattered and reach a height of about three feet. Below this in the bed of Kyle Canon the plants reach their maximum associated with *Pinus scopulorum* and to some extent with *Cercocarpus*. Here the plants reach a height of about five feet with some clumps two -three feet across. There is no surface water in this canon.

I am pleased to know that you will be located in the west and hope that I may have the pleasure of collecting with you. This next season I expect to be in the Charlestons. Should you be there I will be glad to show you these *Angelicas* as well as some of the other rare plants of the district.

Thanking you for your kindness in this, I am

Very truly yours,

Ira W. Clokey

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IRA W. CLOKEY
1635 LAUREL STREET
SOUTH PASADENA, CALIFORNIA

March 8, 1937.

Dear Miss Mathias:-

I have been wondering if you have come to any decision about the two species of Angelica from the Charleston Mts. If not, will you be kind enough to give these preference over the other specimens. There is no hurry about the other material. If possible I would like to send on the sets for the Exsiccatae Grayanae and add these species to plants I want to send out before the collecting season starts.

Very truly yours,

Ira W. Clokey

IRA W. CLOKEY
1635 LAUREL STREET
SOUTH PASADENA, CALIFORNIA

Aug. 23, 1937.

Dear Miss Mathias:

I have just returned from the field where I collected a large set of an Umbellifera, for which I would appreciate your identification. Shall I send this to your old address at 1156 Keeler Ave?

Have you reached any final conclusion in regard to the two species of *Angelica* from the Charlestons? It may interest you to know that I have so far found each species only in the one canyon where it was collected and even in the localities where collected they are limited. If I am not mistaken it was the *Angelica* from Kyle Canyon, which you place near *A. tomentosa* or *A. Breweri* that Jaeger referred to *A. pinnata*.

I have had a most successful season with many new records from the Charlestons. A considerable number or apparently undescribed. It looks now as though I would have to spend another season there.

Very truly yours,

Ira W. Clokey

IRA W. CLOKEY
1635 LAUREL STREET
SOUTH PASADENA, CALIFORNIA

Sept. 27, 1937.

Dear Miss Mathias:-

About a month ago I wrote asking if you had reached any conclusion in regard to the two species of Angelica from the Charlestons. As I have had no word and as this was during the summer vacation quite probably the letter had gone astray. Owing to the fact that two young fellows from the Bureau of Plant Industry were in the mountains this summer it would seem advisable to publish anything new as soon as possible. I have a large set of another Umbeliferae the identification of which I would appreciate. Shall I send this to your former address.

Hoping that you have had a pleasant and profitable season I am

Very truly yours,

Ira W. Clokey

IRA W. CLOKEY
1635 LAUREL STREET
SOUTH PASADENA, CALIFORNIA

Oct. 15, 1937.

Dear Miss Mathias:-

I have written to you twice this fall but as I have had no reply presume that you have a different address and that the letters have not been forwarded. Hope that this letter addressed in care of the Botanical Dept. of the University will reach you.

Have you come to any decision about the two species of Angelica and if so what? Also how are you getting along with the Umbelliferae from my herbarium? Owing to the fact that a couple of young fellows from the Bureau of Plant Industry were collecting in the Charlestons last summer it would be advisable to publish shortly these two species of Angelica if they prove to be new. I have been around the mountains sufficiently now to feel certain that each of these is confined to a single location each.

Hoping to hear from you shortly, I am

Very truly yours,

Ira W. Clokey

IRA W. CLOKEY
1635 LAUREL STREET
SOUTH PASADENA, CALIFORNIA

Nov. 17, 1937.

Dear Miss Mathias:-

I have just returned from a month in the middle west largely on a visit to my younger daughter. Through a misunderstanding my mail was not forwarded and I have just seen you letter.

I will write at once to the Gray Herbarium giving your decision as to the A. Kingii. This will quite possibly be distributed this coming spring in the Exsiccatae Grayanae. It is also a satisfaction to know that the other is undescribed. To date nine novelties are definitely settled and others are in prospect.

The collectors from the Bureau of Plant Industry were two students from the University of Nevada. While they might have collected the two species of Angelica I doubt that they were there late enough to secure mature fruit. However as the Umbelliferae are sent to you there is nothing to worry about. I saw them only once but from reports by the men in the Forest Department they didn't overwork themselves.

I collected only one Umbelliferae last year, about 150 sheets. Will send you a specimen tomorrow and will appreciate your determination. Will of course be glad to have you keep the specimen.

Very truly yours,

Ira W. Clokey

IRA W. CLOKEY
1635 LAUREL STREET
SOUTH PASADENA, CALIFORNIA

Jan. 13, 1938.

Miss Mildred E. Mathias
4004 Life Science Bldg.
University of California
Berkeley, Calif.

Dear Miss Mathias:-

If you are through with the fifty extra sheets of each of the Angelicas I would appreciate your returning them at my expense. Just now I am laying out some material for distribution and would like to include these. Have you determined the one specimen of Umbeliferae sent in November? Also have you done anything further about publishing the species or variety of Angelica?

It is unfortunate that you are not interested in other families as well. I am just starting to lay out what I hope will be about five hundred numbers but there are no unrels that you do not have.

Very truly yours,

Ira W. Clokey

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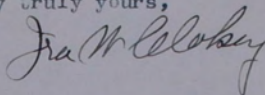
IRA W. CLOKEY
1635 LAUREL STREET
SOUTH PASADENA, CALIFORNIA

Feb. 16, 1938.

Dear Miss Mathias:-

I am getting ready to publish the descriptions of several plants in the Bulletin of the Southern Academy of Science. This will appear late in April and the manuscript must be in early in March at the latest. If agreeable to you we could include the joint description of the Angelica. You may of course have other plans for publishing this. If so I would be glad to know what they are.

Very truly yours,



IRA W. CLOKEY
1635 LAUREL STREET
SOUTH PASADENA, CALIFORNIA

Feb. 24, 1938.

Dear Dr. Mathias:-

I am much pleased that we can get the description of the Angelica published in April. It should be in by the end of next week though I might arrange a day or two longer since I can assure them that it will be forthcoming. If the latin description is ready I can deliver it at once. As you say it is hard to find a descriptive name in the genus and the one you have selected is alright. Doubtless you have ascertained that it has not been used.

Unfortunately I can give you no information as to the root. As I stated in a previous letter the plants are found from singles to clumps two three feet across. The large leaves with the specimens are entire basal leaves cut two or three inches above the ground. Some of the specimens show the character of the stem leaves. They become slightly larger towards the base. There are only a few nodes however. So far this Angelica has been found in only the one canyon. Here it grows in the gravelly wash for about a mile and a half. It is here that it is best developed and that the large clumps are found. It does not occur on the south slope on the north side of the canyon. On the south side on the north slope it is scattered and is associated with Populus aurea. The highest plants are 500-600 feet above the bed of the canyon where most abundant. On the north slope the maximum height would be about three feet with the basal leaves about the same as in the bed of the canyon. In the later location the plant is sometimes as high as five feet. The plant is about as conspicuous as Heracleum lanatum. Jaeger's plant was, I believe, collected in Ayle Canyon. If so it could be nothing but this species. A. Kingii is found only in Deer Creek some miles away.

I hope that I have not omitted anything. If so let me know.

Very truly yours,

Ira W. Clokey

2/25/38

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IRA W. CLOKEY
1635 LAUREL STREET
SOUTH PASADENA, CALIFORNIA

March 4, 1938.

Dr. Mildred E. Mathias
4004 Life Science Bldg.
University of California
Berkeley, Calif.

Dear Dr. Mathias:-

Your letter of the 3rd. with description just received and appreciated. There will be no trouble in getting it in in time. Owing to the flood Pomona College is isolated. However I believe that I can arrange to get this citation early in the week and if so will do so. Also what would you think of a photograph of the plant? I am having one put in of a species of *Potentilla* where the formation is much better shown in a photograph. The photographs would not have to be in until next week. I am making only one change and that is to site the type in my own herbarium where most of wild types of this work will be located. If it were given in your own herbarium I would not have made this change. However isotypes will be so widely distributed that it will make little difference. If you object to this I will probably be able to change it.

It will be cheaper to let me order the reprints with the 200 copies that I expect to get. I want to send them out with the specimens. The paper will be 12 pages probably but may run a page more. The first 50 copies if sent direct might be charges to you at \$8.50 or \$10.25. By adding to these I am getting it would amount to only \$2.25-\$2.50 for 50 copies. I am going to have covers which would cost you \$.75, if you desire them.

Will you please send me a copy of the label or labels for this species. Either the two copies I had, aside from the mounted sheets went to you and to Gray Herbarium or anyother has been lost.

Very truly yours,

Ira W. Clokey

#49

IRA W. CLOKEY
1635 LAUREL STREET
SOUTH PASADENA, CALIFORNIA

May 6, 1938.

Dr. Mildred E. Mathias
4004 Life Science Bldg.
University of California
Berkeley, Calif.

Dear DR. Mathias:-

The reprints just received and I am sending today the fifty copies you ordered. The charges for these are \$3.09 (the nine cents for state tax. Hope that you find them satisfactory.

The galley proofs were so late that there was a request to make no changes except corrections. For this reason the key under the Angelica could not be offset. However you need have no fear that the type will not be preserved and be available for use. My herbarium is at present at the Los Angeles Museum but will eventually be given to one of the large herbaria of the country. Dr. Pennell of the Academy of Natural Sciences of Philadelphia was quite satisfied to have the types of two jointly described plants in my herbarium.

I hope this season to secure a good set of Brandegees' Lomatium from Good Springs.

Very truly yours,

Ira W. Clokey

IRA W. CLOKEY
1635 LAUREL STREET
SOUTH PASADENA, CALIFORNIA

May 30, 1938.

Dr. Mildred E. Mathias
4004 Life Science Bldg.
University of California
Berkeley, Calif.

Dear Dr. Mathias:-

Yours of the 13th. with check received for which many thanks. Being in South Pasadena for a couple days I went to the Los Angeles Museum and placed the Angelica where it can be easily reached. Miss Templeton knows where it is but in case she should not be there I hope that you will free to go into the herbarium. As you enter the herbarium room my herbarium is on the left with the families arranged in alphabetical order. The type is in the first folder under Umbelliferae. It is on two sheets. Will certainly appreciate having you annotation on the sheets. Sorry that I will not be in Los Angeles when you are here but expect to be in the Charlestons until the middle or end of August.

Very truly yours,

Ira W. Clokey

BOTANICAL MUSEUM OF HARVARD UNIVERSITY

Oxford Street
Cambridge, Massachusetts

July 16, 1941

Dear Mr. Mathias:

Would you be kind enough to send me a separate of your recent article in the American Midland Naturalist, "a Synopsis of the North American species of *Euzygium*" - if such is available. I have always been interested in this genus.

If you wish, I will be glad to send you some reprints concerning ferns and orchids which I have published from time to time in exchange for your papers.

Very truly yours -

Donovan S. Correll

TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, DIRECTOR

AGRICULTURAL AND MECHANICAL COLLEGE
OF TEXASW. H. DAMERON, SUPERINTENDENT
V. L. CORY, RANGE BOTANIST
I. B. BOUGHTON, VETERINARIAN
W. T. HARDY, VETERINARIAN
O. L. CARPENTER, SHEPHERD

SUBSTATION NO. 14

SONORA, TEXAS, February 27, 1934.

Dr. Esther Larsen,
Herbarium, Carnegie Museum,
Pittsburgh,
Pennsylvania.

Dear Dr. Larsen:-

Mr. Simon E. Wolff, Botanist, Substation No. 5, Temple, Texas, has informed me that you would check umbelliferous plants for me in connection with your revision of these plants for the NORTH AMERICAN FLORA. The enclosed list shows the specimens that are included in the small bundle of plants I am sending to you. In this connection I recall a collection of Apium graveolens L. in 1927 at an old abandoned ranch house, well-established all around an earthen reservoir ("tank" as the Texans call it). This house had been abandoned for some years. Later I found that elsewhere on the Diablo Plateau (Culberson Cp.) this plant was established on various other reservoirs used for storing water for livestock on the range. I do not know whether others have made similar collection or not.

I should be pleased to have your determinations of these specimens.

Very sincerely yours,

V. L. Cory,

Range Botanist.

TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, DIRECTOR

AGRICULTURAL AND MECHANICAL COLLEGE
OF TEXASW. H. DAMERON, SUPERINTENDENT
V. L. CORY, RANGE BOTANIST
I. B. BOUGHTON, VETERINARIAN
W. T. HARDY, VETERINARIAN
O. L. CARPENTER, SHEPHERDSUBSTATION NO. 14
SONORA, TEXAS

June 1, 1934

Miss Mildred E. Mathias,
Herbarium, Carnegie Museum,
Pittsburgh, Pa.

Dear Miss Mathias:

I thank you for your letter of May 23 and for the package of several Umbelliferae which you kindly determined for me.

Concerning #5928 which was collected at Gonzales, Texas, on May 1, 1933, I wish to say that this plant is known as Queen Anne's Lace and is a favorite plant of city gardens in South-Central Texas, and perhaps elsewhere. I collected it again April 16 of this year near the same locality in the city of Gonzales but likewise it was not in fruit. I shall take steps to get fruiting material and send the same to you for I am very much interested in knowing the identity of this plant.

I thank you for your kind offer to check determinations of other Umbelliferae which I may collect and I think I shall avail myself of this opportunity.

Sincerely yours,

V. L. Cory

V. L. Cory,
Range Botanist.

VLC/wj

#54

TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, DIRECTOR

AGRICULTURAL AND MECHANICAL COLLEGE
OF TEXAS

W. H. DAMERON, SUPERINTENDENT
V. L. CORY, RANGE BOTANIST
I. B. BOUGHTON, VETERINARIAN
W. T. HARDY, VETERINARIAN
O. L. CARPENTER, SHEPHERD

SUBSTATION NO. 14
SONORA, TEXAS

July 12, 1934

Miss Mildred E. Mathias,
Herbarium, Carnegie Museum,
Pittsburgh, Pa.

Dear Miss Mathias:

Under separate cover I am mailing you several sheets of Umbelliferae. The list of same is enclosed herewith. Of these sheets #8344 is of the same species represented by my #5928 of last year's collection and you can check up on this determination.

I am taking the liberty of enclosing herewith a tentative list of the species of Umbelliferae growing in Texas. I wish to explain that a group of working together are preparing a catalogue of the native plants of Texas for publication by the Texas Agricultural Experiment Station and in this connection several botanists who are especially interested in certain groups of plants are going over our lists to assist in making them as complete and authoritative as can be done at this time. Among these botanists are Drs. Standley, Epling, Johnston and Munz.

We would appreciate it very much if you would be so kind as to go over the enclosed list of Umbelliferae for us and note corrections in nomenclature and other errors and also note additions, if there be any.

In this connection your letter of May 23 states that Daucosma is to be used instead of Ptilimium and possibly there are other changes with which we are not familiar.

Thanking you for your courtesy in determining our specimens and other assistance you may render, I remain

Very sincerely yours,

V. L. Cory,

V. L. Cory,
Range Botanist.

VLC/wj
encls.

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TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, DIRECTOR

AGRICULTURAL AND MECHANICAL COLLEGE
OF TEXAS

W. H. DAMERON, SUPERINTENDENT
V. L. CORY, RANGE BOTANIST
I. B. BOUGHTON, VETERINARIAN
W. T. HARDY, VETERINARIAN
O. L. CARPENTER, SHEPHERD

SUBSTATION NO. 14
SONORA, TEXAS

July 27, 1934

Dr. Mildred E. Mathias,
Herbarium, Carnegie Museum,
Pittsburgh, Pa.

Dear Doctor Mathias:

When I mailed you our list of umbelliferous plants of Texas, I did not have available a County map of the State on which I could indicate to you the divisions we are using in that connection.

I now have such a supply and am sending you herewith a copy for the aid it may be in your going over our list.

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Very truly yours,

V. L. Cory,

V. L. Cory,
Range Botanist.

VLC/wj
encls.

TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, DIRECTOR

AGRICULTURAL AND MECHANICAL COLLEGE
OF TEXASW. H. DAMERON, SUPERINTENDENT
V. L. CORY, RANGE BOTANIST
I. B. BOUGHTON, VETERINARIAN
W. T. HARDY, VETERINARIAN
O. L. CARPENTER, SHEPHERDSUBSTATION NO. 14
SONORA, TEXAS

November 11, 1934

Dr. Mildred Mathias,
R. D. Shingletown,
State College, Pa.

Dear Doctor Mathias:

I thank you for your letter of October 15 in which you call my attention to your change of address and also for the promise you made to go over our list of Texas Umbelliferae within the next few weeks.

Since sending you this list there are certain additions and corrections which have come to my attention and I am listing these for your comment thereon.

<u>Alates adaulis</u> (Torr.) Coulter & Rose	6
<u>Daucus Carota</u> L. (not in Texas as an escape)	
51 <u>Phanerogama texana</u> (Coulter & Rose) St. John	4-5
<u>Phellopterus bulbosus</u> (Nels.) Coulter & Rose	7
<u>Phellopterus multinervosus</u> Coulter & Rose	6
<u>Torilis anthriscus</u> (L.) Cmel.	4
<u>Pseudocymopterus montanus</u> (Gray) Coulter & Rose	6

Very truly yours,

V. L. Cory,

V. L. Cory,
Range Botanist.

VLC/wj

#57

TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, DIRECTOR

AGRICULTURAL AND MECHANICAL COLLEGE
OF TEXAS

W. H. DAMERON, SUPERINTENDENT
V. L. CORY, RANGE BOTANIST
I. B. BOUGHTON, VETERINARIAN
W. T. HARDY, VETERINARIAN
O. L. CARPENTER, SHEPHERD

SUBSTATION NO. 14

SONORA, TEXAS

April 4, 1935

Dr. Mildred Mathias,
R. D. Shingletown,
State College, Pa.

Dear Dr. Mathias:

Referring at this time again to your letter of October 15, 1934, I wish to ask if you have checked our list of Texas Umbelliferae. If you have not and have any time within the next several weeks, I would appreciate it very much if you could do this for us and return the list with your corrections and suggestions for incorporation in the manuscript we submit for publication of a plant catalogue of Texas.

I wish to ask also about the bundle of ten specimens which I sent to you under date of July 11, 1934, as to whether you have received this lot, and have checked the determinations or made the determinations of these specimens. We will be deeply indebted to you for any attention you can give to this matter within the near future.

Very truly yours,

V. L. Cory,

V. L. Cory,
Range Botanist..

VLC/wj

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TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, DIRECTOR

AGRICULTURAL AND MECHANICAL COLLEGE
OF TEXAS

SUBSTATION NO. 14

SONORA, TEXAS

W. H. DAMERON, SUPERINTENDENT
V. L. CORY, RANGE BOTANIST
I. B. BOUGHTON, VETERINARIAN
W. T. HARDY, VETERINARIAN
O. L. CARPENTER, SHEPHERD

April 24, 1936

Dr. Mildred Mathias,
Shingletown Gap,
State College, Pa.

Dear Doctor Mathias:

Quite some time ago I sent you a preliminary list of the Umbelliferae of Texas for your criticisms and suggestions. I do not know whether or not you have lost this list. If you think you could possibly find the time to glance over the same to point out errors of commission or omission, I shall be pleased to send you a copy of our revised list. We hope to publish this check list of Texas plants this year and would like it to be as authoritative as possible. Any new names or combinations that you intend to publish yourself we would take no interest in but would continue to use the names that are in use at the present time.

Please let me hear from you at your earliest convenience.

Very sincerely yours,

V. L. Cory,

V. L. Cory,
Range Botanist.

VLC/wj

#59

TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, DIRECTOR

AGRICULTURAL AND MECHANICAL COLLEGE
OF TEXAS

SUBSTATION NO. 14

SONORA, TEXAS

W. H. DAMERON, SUPERINTENDENT
V. L. CORY, RANGE BOTANIST
I. B. BOUGHTON, VETERINARIAN
W. T. HARDY, VETERINARIAN
O. L. CARPENTER, SHEPHERD

May 18, 1936

Dr. Mildred Mathias Hassler,
Shingletown, State College, Pa.

Dear Doctor Hassler:

I have checked your recent sending of Umbellifers which you have determined for me. I note that the one from Gonzales is Ammi majus L., instead of Sium suave Walt. which was the determination I received from the Gray Herbarium. I take it that Walter's species occurs in the State although we have not collected it ourselves. Also I note that you are giving Nuttall's Chaerophyllum dasycarpum as a variety of Hooker's Tainturieri. We shall adopt this change in our list.

I wish to ask you concerning the use of Tauschia texana A. Gray, instead of Miseniopsis texana (A. Gray) C. & R. I use the former while at the Texas University they are using the latter. Which is properly used?

Thanking you for your courtesy in checking our determinations, I am, with best wishes,

Sincerely yours,

V. L. Cory,

V. L. Cory,
Range Botanist.

VLC/wj

#60

TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, DIRECTOR

AGRICULTURAL AND MECHANICAL COLLEGE
OF TEXAS

SUBSTATION NO. 14

SONORA, TEXAS

W. H. DAMERON, SUPERINTENDENT

V. L. CORY, RANGE BOTANIST

I. B. BOUGHTON, VETERINARIAN

W. T. HARDY, VETERINARIAN

C. L. CARPENTER, SHEPHERD

June 17, 1936

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

Dear Dr. Mathias:

I wish to express my deep appreciation for the work you have done on our plant list of Texas' Umbelliferae.

It appears likely that our list will not be published until late in August or in September of this year, and if your publications of new combinations will not appear until later, we shall expect to use the old combinations instead. When your combinations have been published, if you will kindly let us know that such is the case, we will be glad to make use of them in our list. We shall be pleased to accept your conclusions as you have stated them in this letter.

In regard to the species you mention as of doubtful occurrence in Texas, we shall try to gain satisfactory evidence that they are here and, failing to do so, we shall omit these species from our list.

Again thanking you for your valued assistance, I am

Sincerely yours,

V. L. Cory,

V. L. Cory,
Range Botanist.

VLC/wj

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TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, DIRECTOR

AGRICULTURAL AND MECHANICAL COLLEGE
OF TEXAS

SUBSTATION NO. 14

SONORA, TEXAS, July 16, 1936.

W. H. DAMERON, SUPERINTENDENT
V. L. CORY, RANGE BOTANIST
I. B. BOUGHTON, VETERINARIAN
W. T. HARDY, VETERINARIAN
O. L. CARPENTER, SHEPHERD

Dr. Mildred E. Mathias,
Shingletown,
State College, Pennsylvania.

Dear Dr. Mathias:-

I greatly appreciate your courtesy in informing us of an addition to the Texas' list of Umbelliferae. The proper notation has been made. We hope to work the complete catalogue up for publication within the next ten weeks, but our plans are not entirely definite as yet.

Yes, I think that the northern and northeastern parts of Texas should prove a fertile field to add to the species occurring in Texas. Mr. Parks and myself hope to cover that area either this fall or next spring. At the present time I have traveled in all but 19 of the 247 counties in the State, and most of these are in northeastern section. We expect to do very little traveling until after September 1, when our new fiscal year begins.

Again thanking you for sending us this valuable bit of information, I am

Sincerely yours,

V. L. Cory,

Range Botanist.

TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, DIRECTOR

AGRICULTURAL AND MECHANICAL COLLEGE
OF TEXAS

SUBSTATION NO. 14
SONORA, TEXAS

W. H. DAMERON, SUPERINTENDENT
V. L. CORY, RANGE BOTANIST
I. B. BOUGHTON, VETERINARIAN
W. T. HARDY, VETERINARIAN
O. L. CARPENTER, SHEPHERD

November 16, 1936

Dr. Mildred Mathias,
Shingletown,
State College, Pa.

Dear Dr. Mathias:

I thank you for your letter of November 6, stating that the two combinations in Umbelliferae which we are using in our plant list have been published and that you will send reprints as soon as they are available.

I am interested in ^athe plant which we collected last May in two localities. We collected it only in flower and we were unable to place it, likewise the Gray Herbarium was unable to place our No. 13163 which was collected May 18, 1935, in Dickens County, $4\frac{1}{2}$ miles northeast of Spur. I do not know that this number has been seen by you. Our other collection was from Martin County, 3 days later, near the town of Stanton. All our material which consists of three sheets is now at College Station, Texas, and is not readily available to us. We feel that most likely you could determine the species from the plants in full bloom and if you have not seen this material of ours, I shall try to get a sheet for sending to you if you would be interested in examining it.

Sincerely yours,

V. L. Cory,

V. L. Cory,
Range Botanist.

VLC/wj

#63

TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, DIRECTOR

AGRICULTURAL AND MECHANICAL COLLEGE
OF TEXAS

SUBSTATION NO. 14
SONORA, TEXAS

W. H. DAMERON, SUPERINTENDENT
V. L. CORY, RANGE BOTANIST
I. B. BOUGHTON, VETERINARIAN
W. T. HARDY, VETERINARIAN
O. L. CARPENTER, SHEPHERD

March 15, 1937

Dr. Mildred Mathias
4004 Life Science Bldg.
Univ. of California,
Berkeley, Calif.

Dear Dr. Mathias:

I am enclosing herewith a list of plant specimens being forwarded to you under separate cover. In this list I have 2 specimens to which I referred in my letter of November 16. I remember that I sent one of these sheets to the Gray Herbarium, but they were unable to determine the species because of its lack of fruit.

When you have looked over this material I shall be pleased to have your report of your determination.

Yours sincerely,

V. L. Cory

V. L. Cory.

VLC/rm

Encls.

#64

TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, DIRECTOR

AGRICULTURAL AND MECHANICAL COLLEGE
OF TEXAS

SUBSTATION NO. 14

SONORA, TEXAS

W. H. DAMERON, SUPERINTENDENT
V. L. CORY, RANGE BOTANIST
I. B. BOUGHTON, VETERINARIAN
W. T. HARDY, VETERINARIAN
O. L. CARPENTER, SHEPHERD

June 18, 1937

Dr. Mildred E. Mathias,
4004 Life Sciences Bldg.,
University of California,
Berkeley, California

Dear Dr. Mathias:

I am enclosing herewith a list of Unbelliferae specimens being sent to you under separate cover. These are duplicates and need not be returned to me unless you choose to do so. I should be pleased to have any corrections in determinations that may be required.

Very truly yours,

V. L. Cory,

V. L. Cory,
Range Botanist.

VLC/wj
encls.

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TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, DIRECTOR

AGRICULTURAL AND MECHANICAL COLLEGE
OF TEXAS

W. H. DAMERON, SUPERINTENDENT
V. L. CORY, RANGE BOTANIST
I. B. BOUGHTON, VETERINARIAN
W. T. HARDY, VETERINARIAN
O. L. CARPENTER, SHEPHERD

SUBSTATION NO. 14

SONORA, TEXAS, July 21, 1937.

Dr. Mildred E. Mathias,
4004 Life Sciences Bldg.,
University of California,
Berkeley, California.

Dear Dr. Mathias:-

I thank you for the determinations of Umbelliferae contained in your letter of July 13. If we collect anything in this line that may be of interest to you this year, I shall send duplicates on to you.

Very truly yours,

V. L. Cory,

Range Botanist.

#66

TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, DIRECTOR

AGRICULTURAL AND MECHANICAL COLLEGE
OF TEXAS

SUBSTATION NO. 14
SONORA, TEXAS

W. H. DAMERON, SUPERINTENDENT
V. L. CORY, RANGE BOTANIST
I. B. BOUGHTON, VETERINARIAN
W. T. HARDY, VETERINARIAN
O. L. CARPENTER, SHEPHERD

November 22, 1938

Dr. Mildred E. Mathias
4004 Life Science Building
University of California
Berkeley, California

Dear Dr. Mathias:

Under separate cover I am shipping to you postpaid a bundle of plants of the umbellifer~~ae~~ family. I am including also three sheets of the Hydrophyllaceae intended for Professor Lincoln Constance, and I wish to ask you to hand the same to him. At your convenience please may I have corrections here needed on the enclosed list. This material is for your own disposition as you see fit, for we have duplicates which will be deposited in the newly established herbarium at the Texas A. & M. College at College Station Texas.

Sincerely yours,

V. L. Cory,

V. L. Cory,
Range Botanist

VLC:rm

enc. 1.

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TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, DIRECTOR

AGRICULTURAL AND MECHANICAL COLLEGE
OF TEXAS

SUBSTATION NO. 14
SONORA, TEXAS

W. H. DAMERON, SUPERINTENDENT
V. L. CORY, RANGE BOTANIST
I. B. BOUGHTON, VETERINARIAN
W. T. HARDY, VETERINARIAN
O. L. CARPENTER, SHEPHERD

January 31, 1939

Dr. Mildred Mathias
Department of Botany
University of California
Berkeley, California

Dear Dr. Mathias:

I am deeply grateful to you for your letter of January 25 containing determinations of umbellifers. I thank you also for turning the specimens of Hydrophyllaceae over to Dr. Constance. There are three items about which I wish to gain information.

Concerning Chaerophyllum Teinturierii, I note that you have spelled this C. Tainturierii, and I should like to know whether this is correct.

I note also that you give the authorship of Ptilimnium capillaceum as (Michx.) Raf., whereas we have it (Michx.) Hollick. Is this usage the one that is to be followed? If so we will indicate corrections in our manual and elsewhere.

In regard to Hydrocotyle prolifera Kellogg, I wish to ask if this is a good species, and if so, in what part of Texas is it to be found? I have been inclined to consider that this is taken now to be a synonym of H. verticellata Thumb. If this is true, I wish to note this correction in the manuals that we use in determining our specimens.

In "Monograph of North American Umbelliferae" by Coulter and Rose there is a reference to forms of Cicuta maculata L., and these are discussed on page 98. The Cicuta growing on the Edwards plateau of Texas seems to be intermediate between maculata and Curtisii. Have you treated this form in any different manner? If so, please give me particulars.

Again thanking you for your study of our material, I am

Very truly yours,

V. L. Cory,

V. L. Cory,
Range Botanist

VLC:rm

#68

TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, DIRECTOR

AGRICULTURAL AND MECHANICAL COLLEGE
OF TEXAS

SUBSTATION NO. 14
SONORA, TEXAS

W. H. DAMERON, SUPERINTENDENT
V. L. CORY, RANGE BOTANIST
I. B. BOUGHTON, VETERINARIAN
W. T. HARDY, VETERINARIAN
O. L. CARPENTER, SHEPHERD

February 28, 1939

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

Dear Dr. Mathias:

Please accept my thanks for supplying us with the material concerning the two or three points that were causing us some difficulty with the Umbellifers. I am pleased especially that you sent us a key for the Texas species of Hydrocotyle. This key should enable us to properly place all species of that genus.

Sincerely yours,

V. L. Cory,

V. L. Cory,
Range Botanist

VLC:rm