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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.

#69

BRIGHAM YOUNG UNIVERSITY

FRANKLIN STEWART HARRIS, PRESIDENT

PROVO, UTAH

DEPARTMENT OF BOTANY

May 10, 1930

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

Dear Madam,

In answer to your letter of April 17th. which came during a short collecting trip into southern Utah, I am sorry to state that I have no record yet in Utah of *Cymopterus globosus*. It might be that we will run onto this species this coming summer and if we do we assure you that you will receive it directly from us.

Tidestrom gives the range of this species as eastern California and Nevada, and it may be that its range lies west of us.

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I am sending you under separate cover a package of Umbelliferae material which might interest you. We are enclosing here a specimen of *Cogswellia cottami* Jones for the Missouri Botanical Gardens Herbarium.

It seems quite certain now that a student of mine, Mr. W. D. Stanton will be spending a good bit of the summer studying the floristics and ecology of the Henry Mountains, Utah. This is without doubt one of the least known mountains of the Western United States. I am wondering if you would care to identify the Umbelliferae for him this summer. It might be that he would get something new which would be of special interest to you.

In the package we are sending you are some mounted specimens from our herbarium which we would like returned, but all unmounted material you are welcome to keep.

Yours truly,

W. P. Cottary

23 total
6 want to keep
17 want to return

#70

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

DIVISION OF
PLANT EXPLORATION AND INTRODUCTION

November 2, 1935

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

Dear Miss Mathias:

I have some new specimens of Umbelliferae from Death Valley which I should like to send to you for identification, if it is convenient for you to look them over at the present time. Shall I send them to you at State College, or do you expect soon to come to Washington? The inclosed memorandum with tentative identifications by myself will give you a general outline of the material.

With best wishes and with great appreciation of your former help on Death Valley plants, I am,

Very truly yours,

Frederick V. Coville
Botanist

FVC-G

Inclosure

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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

DIVISION OF
PLANT EXPLORATION AND INTRODUCTION

November 15, 1935

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

Dear Miss Mathias:

I have not yet had a reply to my letter written you on
November 2 regarding the identification of the new lot of Death
Valley umbellifers. I shall be glad to send them on to you at
any time.

Very sincerely yours,

Frederick V. Coville

Frederick V. Coville
Botanist

FVC-G

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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

DIVISION OF
PLANT EXPLORATION AND INTRODUCTION

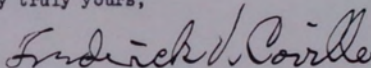
December 16, 1935

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

Dear Miss Mathias:

In view of the prospect, from your letter of December 9,
that you will be in Washington about the first of February, I am
inclined to hold the Death Valley Umbelliferae here, instead of
subjecting them to the inevitable injury of a trip to St. Louis
and back. These desert specimens, particularly Death Valley spec-
imens, dry with great rapidity, and are unusually brittle. Besides,
it is probable that there will be fuller material for comparison
here. I shall look forward to your examination of the specimens.

Very truly yours,



Frederick V. Coville
Botanist

FVC-G

BOYCE THOMPSON INSTITUTE FOR PLANT RESEARCH, INC.
YONKERS, N. Y.

WILLIAM CROCKER
DIRECTOR

August 8, 1932

Dr. Mildred E. Mathias
5854 Maeburn Road
Pittsburgh, Pa.

Dear Mr. Mathias:

I am sending under separate cover several separates that give some evidence on the toxicity of methane and other saturated hydrocarbons. Our work has been mainly on the physiological effects of unsaturated hydrocarbons. These are very much more active on plants than the saturated hydrocarbons. Because our interest is largely centered on the unsaturated hydrocarbons we have given only incidental attention to the saturated ones.

Very sincerely yours,

William Crocker
William Crocker

B
usc

Dear Dr. Epling:

The publication of your study on the Lepechinieae (Brittonia 6(3): 352. 1948) renders the distribution of this group, at long last overdue, legitimate meat for investigations in dispersal. The range Mascarene-Southern Chile is just what we need to know, as is the other, Western Mexico-Hawaii. Neither one are exceptional, but this tribe just puts them into focus with due sharpness.

May I ask you to add to your past favors the great one of sending me a reprint of this paper?

Thanking you in advance, I remain,

Faithfully yours,

Leon Croizat

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Leon Croizat
Apdo. 255
Caracas, Venezuela S. A.

Ames, Iowa, Jan. 20, 1930.

Miss Mildred E. Mathias
St. Louis, Mo.

My dear Miss Mathias -

Your letter and three
separates were received
this morning. Thank you
very much for your kind-
ness. Your papers bear
evidence of very careful
work, and of a great deal
of painstaking research.
I congratulate you, and
hope your present success
will furnish the urge to
much more effort in
the systematic field.

Let me know whenever
you desire anything
that we can furnish.

Very sincerely,
R. S. Gratty.

St. Louis, Missouri
July 25, 1941.

Dr. Mildred E. Mathias
1156 Keeler Avenue
Berkeley, California.

Dear Mildred :

Excuse the stationery, but I do want to thank you for the cholla cactus which you sent. Apparently it is *OPUNTIA CLAVATA*, a species fairly common in northern New Mexico. I have a few plants on hand but yours was very welcome because I want additional material for the experimental hardy rockery at the Garden, in which I am testing various cacti as to their hardiness in our climate.

Sorry you were not successful in finding your plants but remembered to get me mine. Thanks a million and if I can help you at any time, please don't fail to ask me.

Mr. Leyendecker did not locate *MAMMILLARIA WRIGHTII* but did send me 4 blooming size *TOUPEYA PAPYRACANTHA* from the region about Santa Fe. The latter is a much rarer cactus and I surely was tickled to get them.

With best wishes,

Ladislav Outak
Ladislav Outak
in charge of succulents
Missouri Botanical Garden.

SOUTHERN BRANCH
UNIVERSITY OF IDAHO
POCATELLO

January 15, 1938

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

Dear Dr. Mathias:

Doctor Constance suggested recently to me in a letter that you were interested in Umbelliferae and would probably be willing to take the plants I have in this group and check them over for me. I am taking the liberty of sending them to you and if there is anything that I can possibly help you for your work I would be pleased to do so.

Yours very truly,

Ray J. Davis

Ray J. Davis
Botany Department

RJD:KEA

SOUTHERN BRANCH
UNIVERSITY OF IDAHO
POCATELLO

February 28, 1938

Mildred B. Mathias
4004 Life Sciences Building
University of California
Berkeley, California

Dear Madam:

Your recent letter was received regarding the two collections of *Perideridia Parishii*. In checking over these plants and comparing them with my notes I find that one of them has large tubrous roots and grows to a height of two feet or more, while in the other one, the roots were not particularly large and was very much lower, although it was growing in a damp location so I think the two must be distinct species.

I shall attempt next summer to collect material in different stages as you suggest and send them so that you will have them next fall.

Again thanking you very much for your kind assistance in this work, I am,

Very truly yours,

Ray J. Davis

Ray J. Davis
Professor of Botany

RJD:aw

#79

SOUTHERN BRANCH
UNIVERSITY OF IDAHO
POCATELLO

December 13, 1938

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

Dear Madam:

mainly I am sending you a package of Umbelliferae, ~~name of~~ of this last summer's collection. You will find some duplicates, but I thought that you might want these plants anyway, as they are from different parts of the state. I am sending my material unmounted, and you can keep this and send the identifications to me by number.

I would like to have re-collected one plant that you had questioned, and that I collected on the Salmon River, but I was unable to find it. It rained on us steadily for a week, so we got discouraged and came home without it. I will try again next year.

I am also including a few mounted plants that were given to me by the College of Idaho. Since they are Idaho plants, I am anxious to get their identification also. Thank you very much for your help.

Very truly yours,

Ray J. Davis

Ray J. Davis
Professor of Botany

RJD:lc

SOUTHERN BRANCH
UNIVERSITY OF IDAHO
POCATELLO

February 23, 1939

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

Dear Miss Mathias:

Your letter of February 20 was received,
and I have also received the package of plants.

I am writing to you to express my appreciation for the little that you have given me in determining these plants. I am deeply grateful to you for all that you have done for me.

Very sincerely yours,

Ray J. Davis

Ray J. Davis
Professor of Botany

RJD:lc

STANDARDIZED PLANT NAMES

Published 1923; in active revision and extension 1939

AMERICAN JOINT COMMITTEE ON
HORTICULTURAL NOMENCLATURE

Working in conjunction with the Committee on Plant Names of the United States Department of Agriculture, with the Arnold Arboretum of Harvard University, and with many institutions and societies devoted to plant study and promotion.

Editorial Committee

HARLAN P. KELSEY
W. A. DAYTON
DONALD WYMAN

February 2, 1940

OFFICE OF
COMMITTEE ON PLANT NAMES
ATLANTIC BUILDING, ROOM 401
WASHINGTON, D. C.

Dr. Mildred E. Mathias,
1156 Keeler Avenue,
Berkeley, California.

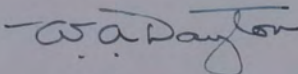
Dear Dr. Mathias:

I would appreciate it very much if you would advise as to whether or not you recognize the genus Archangelica as distinct from Angelica. This matter is of importance to me in connection with the preparation of the new edition of STANDARDIZED PLANT NAMES and a number of the special lists which it is proposed to have published therein.

In the original edition of STANDARDIZED PLANT NAMES Archangelica was treated as a synonym of Angelica. In the 1935 edition of Hortus and the 1935 edition of his Cyclopaedia Dr. L. H. Bailey takes opposite viewpoints in this matter: in the Cyclopaedia he recognizes Archangelica as a valid genus; in the Hortus he suppresses it. Under the International Rules would you say that the correct botanical name for Garden Angelica is Angelica archangelica or Archangelica officinalis?

Thanking you for any attention you can give this matter, I remain,

Very sincerely yours,



W. A. DAYTON
Department of Agriculture Representative.

J. HORACE McFARLAND, *Chairman*
HARRISBURG, PA.

HARLAN P. KELSEY, *Sec.-Treas.*
EAST BOXFORD, MASS.

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DONALD WYMAN, *Asst. Secretary*
ARNOLD ARBORETUM
JAMAICA PLAIN, MASS.

STANDARDIZED PLANT NAMES

Published 1923; in active revision and extension 1939

AMERICAN JOINT COMMITTEE ON HORTICULTURAL NOMENCLATURE

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February 20, 1940

Editorial Committee

HARLAN P. KELSEY
W. A. DAYTON
DONALD WYMAN

OFFICE OF
COMMITTEE ON PLANT NAMES
ATLANTIC BUILDING, ROOM 401
WASHINGTON, D. C.

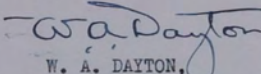
Dr. Mildred E. Mathias,
Department of Botany,
University of California,
Berkeley, California.

Dear Dr. Mathias:

Your letter of February 14 is received.

I appreciate very much the information you
have given me. We will remand the genus Archangelica
to synonymy in the new edition of STANDARDIZED PLANT
NAMES to accord with your conclusions in the matter.

Very sincerely yours,



W. A. DAYTON,
Department of Agriculture Representative.

STANDARDIZED PLANT NAMES

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Editorial Committee
HARLAN P. KELSEY
W. A. DAYTON
~~DONALD WYMAN~~

February 26, 1941

Dr. Mildred E. Mathias,
1156 Keeler Avenue,
Berkeley, California.

Dear Doctor Mathias:

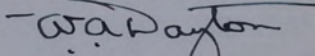
My membership on the Editorial Committee of Standardized Plant Names, on the U. S. Department of Agriculture Committee on Plant Names, and on the U. S. Forest Service Tree Name Committee, makes the following question of great interest to me:

What are California botanists (presumably following International Rules) now calling the Giant Sequoia, or Bigtree:

1. Sequoiadendron giganteum
2. Sequoia washingtoniana (very doubtfully tenable)
3. Sequoia wellingtonia
4. Sequoia gigantea (a homonym, of course)?

I would greatly appreciate your own answer to this question.

Very sincerely yours,



W. A. DAYTON

Department of Agriculture Representative
% Forest Service, U. S. Dept. of Agriculture,
Room 515, Columbian Bldg.,
416 5th St., N. W.,
Washington, D. C.

J. HORACE McFARLAND, *Chairman*
HARRISBURG, PA.

HARLAN P. KELSEY, *Sec.-Treas.*
EAST BOXFORD, MASS.

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DONALD WITMAN, *Asst.-Secretary*
ARNOLD ARBORETUM
JAMAICA PLAIN, MASS.

STANDARDIZED PLANT NAMES

Published 1923; in active revision and extension 1939

AMERICAN JOINT COMMITTEE ON HORTICULTURAL NOMENCLATURE

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Editorial Committee
HARLAN P. KELSEY
W. A. DAYTON
~~DONALD WITMAN~~

April 24, 1941.

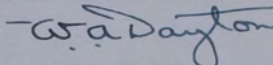
Dr. Mildred E. Mathias,
1156 Keeler Avenue,
Berkeley, California.

Dear Doctor Mathias:

Attached is a copy of a letter I addressed you on February 26 to which I have not received a reply. My letter or your reply may have miscarried in the mails.

At the risk of seeming importunate (which I regret) I am again seeking your opinion in the matter referred to.

Very sincerely yours,



W. A. DAYTON
Department of Agriculture Representative,
% Forest Service, U. S. Dept. of Agriculture,
Room 515, Columbian Building,
416 5th St., N. W.
Washington, D. C.

Enclosure

#85

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE

ADDRESS REPLY TO
THE FORESTER
AND REFER TO



WASHINGTON

May 8, 1942

Dr. Mildred E. Mathias
Research Associate, Dept. of Botany
University of California
1156 Keeler Ave.
Berkeley, California

Dear Dr. Mathias:

Under separate cover I am sending you, with my compliments, a copy of a little mimeographed paper, "Preliminary Treatment of Umbelliferae, Washington-Baltimore Flora", prepared for the "Conference on District Flora", Washington, D. C., Dr. E. H. Walker, Chairman.

As it somewhat affords an explanatory "apologia pro vita mea", I enclose herewith a copy of the letter I wrote Dr. Walker April 22 on this list.

May I respectfully request that, as an outstanding authority on this important and difficult family, you will be kind enough, as time and opportunity permit, to let me have the benefit of your criticism of this paper.

Very sincerely yours,

W. A. DAYTON
Principal Dendrologist, In charge
Dendrology & Range Forage Investigations

Enclosure

Digitized by <http://www.ars-forest.org/> for Botanical Documentation

April 22, 1942

Dr. Egbert H. Walker
Chairman, Conference on District Flora
c/o Smithsonian Institution
Washington, D. C.

Dear Dr. Walker:

As I mentioned to you on the phone yesterday, the Bates Duplicating Co. of Washington expects to deliver to you, probably Friday or Saturday of this week, 200 copies, unassembled, of the preliminary treatment of Umbelliferae.

I have taken you at your word and gotten this up just as I like, thus sticking my neck out, and giving lots of room for criticism!

I have thought it might clarify matters somewhat if I put in writing some of the features of this treatment:

1. First and foremost: The work obviously needs editing, both literary and technical. I am aware myself, now that the job is done, of some inconsistencies in style, and undoubtedly errors and omissions will crop out from time to time which will require correction.
2. Another glaring lack is stations for specimens and local notes. This, I trust, time and additional collecting and observation will correct.
3. It will be noted that I have followed the lead of Dean's "Flora of Indiana" in giving Dalla Torre et Harms' (Engler & Prantl) numbers to the genera, which are then arranged numerically. I have always wondered why more manuals did not use this system, so handy in using a manual in the herbarium. Mr. Tidestrom tells me that he wrote in the Dalla Torre et Harms' nos. in the various manuals he used and tried to have them printed in his "Flora of Utah and Nevada", but the "powers that be" turned him down! It "wasn't done" or something of the sort!
4. It will be noticed that I have accented with an acute accent the main syllable stressed of the accepted generic, specific, and varietal names, in the fashion of the dictionaries and of Standardized Plant Names, rather than the customary procedure in the manuals of accenting the stressed vowel. I believe

that is more useful to the ordinary mortal. My guess is that our manual will find its greatest use among amateur botanists rather than among professionals. Am I wrong? That is not to say, of course, that it should not be technically sound.

5. I have used the S.P.N. philosophy of English plant names, i.e., no homonyms, though in the text I have given the names in more common use where they differ from the one selected for the heading. In other words, for example, I do not think we should encourage the use of "sweet cicely" for the genus Osmorhiza, because (1) Cicely is the name of the genus Segeli, and (2) Sweetcicely (or sweet-cicely, if one prefers the hyphen) is the generally accepted name for Myrrhis odorata of the herb gardens.
6. I have used simple keys, which I believe will work and which anybody can use, rather than technical keys based on microscopic fruit characters, characters which, in my judgment, have been unduly emphasized by monographers of this family in the past, and which has tended to discourage others from knowing these interesting plants. In fact, the late Dr. Greene used to write on the folders of Forest Service umbelliferous specimens this legend (I wonder why he didn't get a rubber stamp for it): "Umbellifers are never identified without fruit, and are never collected by Forest Service people with them." He wrote that with his tongue in his cheek, and knew all along it wasn't so; it was just his sly way of giving the Forest Service a dig for not giving Dr. Coville enough money to pay him the salary he felt he deserved and also perhaps to avoid the labor of identifying a plant in the usual forbidding keys. Umbellifers are so interesting and important that they should be known better by the average person. In fact, to know umbellifers in the western range country is often a matter of life or death to the stockman.
7. I have spent quite a little time on the derivation of names and believe they are accurate. Some of the explanations differ more or less from those given in the manuals.
8. I have followed the Government Printing Office (and the S.P.N.) rule of lower-casing all proper specific and varietal names, capitalization of such merely being a recommendation of I.R. I have been much impressed by Dr. Blake's recent article on this subject; I have (somewhat reluctantly to be sure, as I am rather old-fashioned in most things) been led to believe that capitalization of these names is not practical.

3-Dr. Egbert H. Walker-April 22, 1942

9. It will be noted that I have placed a comma between names of authors and the citation. It has been my experience that this failure to make a break of some kind between the authorities and the citation is very confusing to many people.
10. Besides the citations connected with the accepted Latin names and their synonymy, I have referred in the text to nearly 30 botanical papers and books, including several recent monographs. If the completed book has a bibliography I presume these references, if allowed to stand, will be replaced by citation numbers.
11. So far as I could I have endeavored to give this treatment as much human interest as possible, so that any information available to me on the economic value of the plant (as a source of drugs, spice or condiment, human food, forage value for domestic livestock or wildlife, horticultural use, etc.), poisonous properties, chemistry, historical interest, and so on, is included.
12. Illustrations are given for all 29 native or naturalized species.

I trust that there is a basis here for a much improved superstructure, so I hope the critics will sharpen their blue and red pencils and fall to with a will! Thank you for permitting me to undertake, even if unsatisfactorily, what has been for me a delightful chore.

With all good wishes and warm esteem,

Very sincerely yours,

W. A. DAYTON
Principal dendrologist, In charge
Dendrology & Range Forage Investigations

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UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE



WASHINGTON

ADDRESS REPLY TO
THE FORESTER
AND REFER TO

August 27, 1942

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

Dear Dr. Mathias:

Reference is made to your letter of August 7, which, with the usual retardation of official mail delivery, reached me August 19.

Although Prof. Constance, in his very gracious personal letter of May 23, had written me that either he or you would write me further about the "Preliminary Treatment of Umbelliferae, Washington-Baltimore Flora" (Conference on District Flora, Dr. E. H. Walker, Chmn.), your own letter of August 7 truly overwhelmed me, first, because of the time and patience you have taken to furnish me, a mere tyro, with so much of the fruits of your own erudite explorations into umbelliferous facts of life, and secondly, because of your very kind and I fear too generous comment on this little processed paper.

You have furnished me with many valuable suggestions and corrected many of my egregious errors, for all of which I thank you deeply.

Since you are kind enough to say that some of your suggested changes may be due to lack of adequate references at hand, I am checking these, so far as I am able. Even in Washington, which tends to be a bit "chesty" as a bibliographical center, such work isn't always easy. I find that even here it is not possible to find all these references and the books, too, are in various centers, not only in the great library of the U. S. Department of Agriculture but also in the Congressional Library and in the libraries of the National Museum, the Smithsonian, and the Army Medical Museum. Furthermore, the Department of Agriculture has sent some of its rarer books away, for the duration, to a place thought to be less subject to potential bombing than Washington and, moreover, its library is in the throes of moving, so that some of the books are hard to locate at this writing. I would like to photostat all these references, but I have spent so much money (for me) already on the processing of this paper,

↓ Calling to mind the familiar epigram of Linnaeus, "Verus Botanicus ubique Scientiam Botanicas excolit; rudis ostentator nihil in augmentum Scientiae confert."

2-Dr. Mildred E. Mathias-August 27, 1942

with the illustrations (though "The Conference" kindly assembled it and printed the covers) that I don't feel I can afford to spend any more on it at this particular time at least (my wife would be likely to "crown" me!).

A few items it might be well for me to comment further on at this time:

1. (p.18). In the Department of Agriculture Library copy of Koch's paper publishing Zizia, the date "1825" is written by hand, in ink, as the date of publication. I am writing a memo. to Miss Atwood about this. It may well be that your own date "1824" is correct. Your pagination, "128" is also correct and mine erroneous.
2. (p.23). I have not been able as yet to get the right volume of Kuntze's "Revisio Generum Plantarum" but, in Pars III¹ (1893), p. 109, he has "Deeringa Ad. 1763". This is still another variation!
3. (p.24). I think we should give p. 195 for the page on which the genus Taenidia Drude in Engler & Prantl was published, and p. 175 for the species T. integerrima?, don't you? You are quite right about the date, 1898.
4. (p.25). Your comment on Ptilimnium capillaceum (Michx.) Raf. stumps me. I have examined today the U. S. Dept. of Agriculture Library copy of Vol. 1 of The American Monthly Magazine and the date is very plainly printed "1817". Moreover, p. 192 thereof is in the July, 1817, issue. Furthermore, although this volume contains several papers by Rafinesque, reviews and botanical and zoological articles, I am unable to locate Ptilimnium capillaceum in any of them and the material on p. 192 is not by Rafinesque and does not concern umbellifers.
5. (pp.25-6). I appreciate so much your calling my attention to the occurrence of Ptilimnium viviparum at Harpers Ferry, W. Va., a point I had overlooked. The species should be included. The projected Flora is supposed to cover the area south of Mason & Dixon's line to the Rappahannock River, west to the foot of the Blue Ridge Mountains and east to Chesapeake Bay.
6. (p.29). You are quite right about the citation "Ligusticum ? barbinode Michx." Mine is a ridiculous blunder. But is not Smyrniun barbinode Muhl. perilously close to being a nomen nudum? ~~***~~ All Muhlenberg gives (there is no synonymy or indication that it is a new name) is the common name "bearded", the distribution and flowering period "Pens, fl. Jun, Ten."; that the corolla is "lut.", and the plant "4". May be that is just enough to "get by"? Incidentally the correct pagination for the Muhlenberg citation is, I find, 32.

3-Dr. Mildred E. Mathias-August 27, 1942

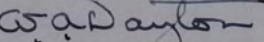
7. (p.29). We are both wrong about the pagination of Hoffmann's original description (in Genera Plantarum Umbelliferarum, 1814) of the "genus" Archangelica; it is 161! I checked this today in the Department Library. Actually the description runs over from p. 161 to 162, but the name first appears on p. 161, with most of the description on that page.
8. (p.30). It seems to me we shall have to credit the combination Oxyypolis rigidior (L.) to Coult. & Rose, rather than to Raf. The combination in Seringe's Bull. Botanique is "O. rigida (Rafin. ms.)", and not O. rigidior. By the way, the copy of the work cited in the Agriculture Dept. Library has no volume number whatever; I think volume number should be omitted, don't you?

When I get answers to a couple of letters I have written and am able to consult three references still missing I will write you further.

Meanwhile, you might be interested in a few additional corrections and suggestions I have received from other correspondents. Prof. Weatherby has, I think accurately, corrected my misspelling of finocchio on pp. 1 and 28. He has also given me a personal (and I think ingenious) speculation as to the meaning of Ptilimnium; he suggests that it means "the little feather of the salt-marsh" (πίλον + λιμνη + the diminutive suffix -ιον). On p. 28 I referred to the report that Dill had been collected in St. Marys County, Maryland; this was done in good faith, but I now have a personal letter from the collector (Mr. H. S. McConnell, an entomologist of the Maryland State Horticultural Department, College Park, Md.) that the plants are actually naturalized along the road east of Pope's Creek in Charles County, Maryland; my "St. Marys" should be changed to "Charles". Dr. Louis C. Wheeler has also called my attention to the fact that I should not have cited Hill as author of Foeniculum vulgare (p. 28) because Hill's work is polynomial.

Again, I thank you. Please accept my best wishes for the health and prosperity of yourself and of the famous twins.

Very sincerely yours,



W. A. DAYTON
Principal Dendrologist, In charge
Dendrology & Range Forage Investigations

CHAS. C. DEAM

BLUFFTON, INDIANA

Jan. 16 1930

Dear Miss Mathias:- Agreeable to promise I have looked to see if I have any Cogswellia. I have all of my far western material stored and it is not accessible. I have the following which are good specimens.

Lomatium daucifolium (Nutt.) C&R

Mo. Every (?) May 11 1904. Barrens by B.F. Bush. In mid-fruit

Ditto species

No. 7 by K.K. Mackenzie. Glendale Mo. Common on barrens. Apr. 17 1898. In flower

Lomatium orientale C & R.

Hillside, Butte N. Dak. by J. Lunell. Flowers Apr. 29 1906. Fruit May 20 1906

ditto species in flower from same locality, same date. Flowering specimen only.

In the event you think these would be of value to you in your study I shall be glad to loan them to you.

Best wishes, I am sincerely yours,

Chas. C. Deam.

STATE OF INDIANA
CONSERVATION DEPARTMENT
DEPARTMENT OF PUBLIC WORKS

Board

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~~INDIANAPOLIS~~

Administrative Officer
V. M. Simmons

Bluffton, Indiana

July 17 1937

Dear Miss Mathias:- Is there a God in Israel. Yes I think there is. Your letter of July 13 just received, and you have saved me on the subject of *Umbellifera*. I send you at once the duplicate of my write up as I now have it for the Flora. When true with it, will you please return and oblige. Find steps enclosed.

A few explanations. I am introducing a novelty in the Flora in the use of the Torre & Harms generic names and families, and giving them their numbers. The numbers you find in local floras will not serve you in any way. May be O. K., may be no good. Oh well I will get walloped after this is published and

now you come along and save my pelt in so far as *Umbellifera* goes. Now on the whole I have been conservative, probably ultra conservative. For example

in my treatment of *Thaspium*. The species *T. pinnatifidum* I do not give the name because I have obviated the use of scientific botanical names - where ever I could so as to not clutter of the works. I have studied *T. pinnatifidum* for years and the best character to separated them as I have it is the color of the flowers. The light color flowers always goes with narrow leaf segments. A few years ago I marked specimens of *T. pinnatifidum* in flower and then studied the fruit but I could not make out any thing.

Well I have been cautious all along the line and I do not wish to impose upon any author to account for this or that. If it comes to a show down my Every species will have a state map of distribution and indicate where maps will show where my specimen is upon which I make statements about. specimen is.

Now if I have any thing you wish to see, just send in the S.O.S. and I will send them to you. I guess we have no novelities in Ind. or any thing very rare except the *Ligusticum canadense* which is a northern extension. You know you never quit turning things up, Yesterday I was working just south of the Mich. state line and I found *Quercus prinoides* (first record for Ind.) OVER

You know a find like this is mighty fine but when it comes to tearing up a long key like Quercus to inset it and rewrite a lot of Ms., well that is what makes both me and my stenographer swear. My assist. got married and moved to Lafayette, so ⁺ do not hear her swear but I know her too well, she will just tear her hair. She wants to ^{get} loose from this job but she must stick. She has been with me now going on 6 years and has so many details in her head that another bob-tail girl would not know.

Now I hope when you read this Ms. use the "cleavers" on it without mercy. Believe your best method would be to carry a sheet of paper and used marginal figures and make your corrections, suggestions, etc. on separate sheet. If you make corrections in the Ms. which is O.K. with me, used colored pencil so I will not over look them.

Now give me your latest names of species, etc. I have tried to keep abreast with the literature of the day (all except foreign which I do not read) You doubtless split some species that I carry as aggregates. In Oxypolis rigidior the toothless leaf form is no good. I studied a large colony once and I found it with all kinds of variations, etc. It is safe to tease you with these things because we are so far apart that we can not scratch eyes out, any way I do not have to go 3,000 miles to get in action along that line.

"ell I shall await with great interest your judgment on the Ms. and your criticisms. You will note I have not gone deeply into the Umbellifera I find students shrink from the family because they fear "oil tubes" etc. I have endeavored to restrict myself ^{to} with leaves, etc. ^{which} that they mine run student can get without a microscope. I understand in a work like yours where you have so many species to deal with that a more detailed study must follow.

I am sincerely yours,

Chas. C. Deam,
Bluffton, Ind.

Chas. C. Deam

STATE OF INDIANA
CONSERVATION DEPARTMENT
DEPARTMENT OF PUBLIC WORKS

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INDIANAPOLIS

Bluffton, Ind.
Oct. 4 1937

Administrative Officer
V. M. Simmons

Dear Miss Mathias:- Your letter of Sept. 16 was duly received but reply has been delayed on account of too many visitors.

I sure wish to thank you for your corrections in Ms. and for the new key. I shall make use of all your corrections, etc. and I wish to add a footnote * Mildred E. Mathias,

has written the key to the genera and read the manuscript of this family. I hereby tender my appreciation of this task.

Now you can rewrite this to suit yourself. Use any wording you wish. But in Flora I use no titles but I append after name their connection with institutions, etc. So after your name if you are at U. of Calif. it should be so given. Or if you are not "grounded" you could use "research student in Umbelliferae" or what not. Please oblige me with the correct dope and oblige.

Well it seems as if I am no nearer closing this Flora than I was a month ago. It must be in now by Jan 1. I had no idea that it would take so long to "finsh".

I am glad to learn you delete *Thaspium pinnatifidum*. Yet the cream-colored form with us that grows on washed clay slopes differs greatly in color of flowers, size of leaflets from the shade plant.

Now please give me your permanent address up to May 1 1938. I will put you down for a gratis copy of the Flora if you care for it

I enclose ⁺posage on the Ms. Many thanks, I am sincerely yours

Chas. C. Deam. *Chas C Deam*

#91

CHAS. C. DEAM
BLUFFTON, INDIANA

Fort Myers, Florida
Feb. 6 1941

Dear Miss Mathias: Your review of the Flora of Indiana in Madrona just reached me today. We do not get our second class daily but weekly.

I wish to thank you very much for the very fine review you have written and had published. Now here is a "give me" stinger in it. I would like very much if you have separates of the review to send me a copy or if you do not have do you know if I can get one from the publisher without buying the number. I wish to assemble the several reviews. Weatherby wrote me his review was published in Rhodora but I have not yet seen it.

Well I am down here in Florida looking for snakes (before I look for plants). So far no snakes but I have nearly 400 accessions of plants. Wife and I decided to spend the winter where it is warmer so we came directly to the most southern part of Florida. I want to work the sub-tropical plants of Florida. I am retired so I have no official duty so I can go when and where I wish. We came up here from Royal Palm Park 2 weeks ago and plan to return soon and stick until we go home about March 20. I find the Keys the most interesting place to work. Umbelliferae seem to have boycotted this area since I think I have seen only one species (looks like an Oxypolis) But plants of this family may become as thick as mosquitos later on and with them.

Well I did not attend the Philadelphia meeting but hope to be on hands at the Dallas meet and I hope again to meet you there.

Very best wishes, I am sincerely yours, *Chas. C. Deam*

Chas. C. Deam,
Bluffton, Indiana.

#92

CHAS. C. DEAM
BLUFFTON, INDIANA
July 28 1941

Dear Miss Mathias: Please accept my sincere thanks for the separates you have so graciously sent me.

Here is hoping you will live long and continue your work in taxonomic botany.

With very best wishes, I am sincerely yours,

Chas.C.Deam

Bluffton, Indiana.

P.S. My Emendations to the Flora of Indiana which is now in press will contain the change in name of *Spermolepis patens* to *inermis*. Thanks

Deam

THE NEW YORK BOTANICAL GARDEN
BRONX PARK (FORDHAM BRANCH P. O.)
NEW YORK, N. Y.

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TREASURER
JOHN L. MERRILL
BUSINESS MANAGER
HENRY DE LA MONTAGNE, JR.

March 16, 1935

Dear Prof. Mathias:

I received your recent letter and am glad to hear that you will soon be at the Garden.

Digitized by Hunt Institute for Botanical Documentation

I am returning shortly to Hawaii. I have been packing my herbarium during the last few weeks and sending much of it to Honolulu. The *Hydrocotyle*, unfortunately, is therefore no longer in New York. As I expect to do some botanizing on the Island of Hawaii before moving into my house in Honolulu August 1st, I cannot get at the specimens until after

that date.

Even though the Hydrocotyle
is apparently new, I doubt that it
is native to the Islands.

Yours sincerely,

Otto Segeuer

UNITED STATES
DEPARTMENT OF THE INTERIOR
NATIONAL PARK SERVICE
STATE PARK DIVISION

John Bryan State Park,
Yellow Springs, Ohio.
91-2-35.

Dear Dr. Mathias:

I am sending you a few plants and would like to have your determinations. I do not have any of your lit. on the revision of the family so have left names off entirely.

Thanks in advance for names.

Yours,

Olga Demaree.

Digitized by Hunt Institute of Botanical Documentation

P.S. You may keep specimens.

THIS SIDE OF CARD IS FOR ADDRESS



Dr Mildred Mathias
Depr of Bot.
U of Cal.
Berkeley Cal.

#95

At McCollege
Monticello, Ark.
11-17-38.

Dear Mr. Mathias:-

I am sending you a few numbers
from Ark. to identify. Please keep
them for your trouble.

Yours
Helge Demaree.

96

"LILLOA"

REVISTA DEL INSTITUTO
MIGUEL LILLO

Calle Miguel Lillo 205
TUCUMAN
República Argentina

Tucumán, Julio de 1937

• Señor

M. E. Mathias,

Maeburn Road 5854
Pittsburgh/ Pa.
U.S.A.

La Comisión Asesora del Instituto Miguel Lillo, creado bajo la base del legado del gran botánico y naturalista Miguel Lillo, ha resuelto dar a publicidad una revista, que para perpetuar la memoria de este investigador llevará el nombre: "LILLOA".

El objeto de "LILLOA", revista del Instituto Miguel Lillo, será la publicación de trabajos originales realizados por los técnicos del Instituto o por los hombres de ciencia del país o del extranjero, en las diferentes divisiones o aplicaciones del reino vegetal.

Por estas razones me permito dirigirme a Ud., solicitándole nos confiera el honor de aceptar ser incluido en la nómina de colaboradores, así como la participación activa en la misma, haciéndonos llegar sus trabajos originales y las sugerencias que su elevado criterio crea conveniente, en la seguridad de que Vd. realzará el prestigio de la misma.

Durante el año en curso aparecerá el primer número, en el cual, haciendo una excepción, publicaremos, además de los trabajos científicos dedicados a Lillo, diferentes aspectos de su vida y la obra por él realizada, a los efectos que nos sirva de guía y estímulo para la acción a desarrollar en el porvenir.

Esperando vernos honrados con su nombre entre los colaboradores y con sus trabajos de investigación entre las colaboraciones, lo saluda con todo respeto

Resume.

Horacio R. Descole
Dr. HORACIO R. DESCOLE

The director of the "Lilloa" Botany Magazine is respectfully asking for your collaboration and offers himself to publish disinterestedly your original works. The Magazine is sent over without any fee to all collaborators and scientific Institutions.

E.R. 623.

Digitized by Hunt Institute for Botanical Documentation

#97

UNIVERSITY OF OREGON
MUSEUM OF NATURAL HISTORY
EUGENE, OREGON

HERBARIUM

July 30, 1940

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

Dear Dr. Mathias:

I wish to thank you for the collection of your publications on the Umbelliferae which I recently received. If I can ever assist you in your work through the loan of herbarium material or otherwise I shall be very happy to do so.

Sincerely yours,

LeRoy E. Detling

LeRoy E. Detling
Curator of the Herbarium

Digitized by Hunt Institute for Botanical Documentation



RED CROSS
+
ROLL CALL
-JOIN-



THIS SIDE OF CARD IS FOR ADDRESS

Digitized by Hunt Institute for Botanical Documentation

Dr. Mildred E. Mathias

5854 Macburn Rd.,
Pittsburg, Pa.

#98

Calif. Acad. Sciences, S. F.

Nov. 12, 1932.

My dear Dr. Matthias:

Digitized by Hunt Institute for Botanical Documentation

We have not the type of *Hydrocotyle proliifera* Kellogg. It was lost long before 1906. I can send you specimens from San Francisco, type locality. Yours truly
Alice Eastwood.

WM. H. CROCKER,
President Board of Trustees
BESSIE M. PEERS,
Secretary Board of Trustees

CALIFORNIA ACADEMY OF SCIENCES

GOLDEN GATE PARK
SAN FRANCISCO, CALIFORNIA

TELEPHONE BAYVIEW 5100

599
C. E. GRUNSKY, ENG. D.

President of the Academy and Acting
Director of the Museum and of the
Steinhart Aquarium

April 9, 1936.

My dear Dr. Matthei:-

I am sending you
a specimen of Umbelliferae which I col-
lected at the Grand Canyon several years
ago. I do not care to bother with this
family when somebody is specializing so
ably and am sending it to you for
determination. I shall be much obliged
and will return the postage when you send
it back.

Yours sincerely,
Alice Eastwood

2/00

W. W. CAMPBELL,
PRESIDENT OF THE UNIVERSITY

UNIVERSITY OF CALIFORNIA AT LOS ANGELES

ERNEST C. MOORE,
DIRECTOR

December 18, 1928.

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

Dear Miss Mathias:

I shall be very grateful for a fairly early return of the manuscript of the Idaho Umbelliferae together with whatever comments you may have. I am having the whole typed. I am preparing a short paper of comments on critical species and will be glad to have you include any comments you may have on your group, in order to have the material in one place. I was very sorry not to find you in St. Louis this fall when I had fresh in mind the specimens at Kew. I have been unable to develop all my photographs as yet, due to an accident.

With kind regards, I am

Very truly yours,

Carl Epling

Carl Epling.

CE:JH

#101

UNIVERSITY OF CALIFORNIA AT LOS ANGELES

W. W. CAMPBELL,
PRESIDENT OF THE UNIVERSITY

ERNEST C. MOORE,
DIRECTOR

February 28, 1930.

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

Dear Miss Mathias.

I was very glad indeed to hear that you shall be so soon taking up your residence among us, but regret that I cannot inform you of an opening at the present time. As far as we know now, there will be none here. I talked to Dr. Munz, but he knows of nothing either. The only possibility which occurs to me would be in one of the Junior Colleges, but I presume that you do not have the required certificate.

I recently sent a package containing, among other things, some Umbelliferae which I should like very much for you to examine, together with the manuscript which accompanied them. I wonder if I have correctly interpreted Cogswellia, and whether my interpretation agrees with yours. I presume that you have seen Jones' recent species in the sixteenth contribution.

There were also some Sidalceae and Compositae. I hoped that Dr. Greenman might examine these, but I understand that he has just been operated on for appendicitis. This will prevent his doing anything with them, I fear, for a long time, and I presume that the additional burden upon you will also limit your time very considerably. Whatever you are able to do to help me out of the mess will be much appreciated. The Sidalceae may be retained as long as you desire. I should like to have your opinion of the manuscript at as early a date as you find it convenient, since it is otherwise ready for publication.

With kind regards, I am,

Very truly yours,

Carl Epling
Carl Epling.

E:R

#102

ROBERT G. SPROUL
PRESIDENT OF THE UNIVERSITY

UNIVERSITY OF CALIFORNIA
AT LOS ANGELES

ERNEST C. MOORE
VICE-PRESIDENT AND PROVOST

July 14, 1933.

Dr. Mildred Mathias
Carnegie Museum
Pittsburgh, Penna.

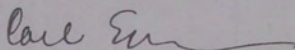
Dear Dr. Mathias:

I am forwarding to you twenty-four sheets of Hydrocotyle, among them the specimens of Jameson for which you wrote. I am sorry to have delayed so long and hope that the material reaches you in sufficient time to be of use.

Digitized by *Herbarium* Institute for Botanical Documentation

With best regards, I am

Yours very truly,



Carl Epling.

CE:WS

ROBERT G. SPROUL
PRESIDENT OF THE UNIVERSITY

UNIVERSITY OF CALIFORNIA
AT LOS ANGELES
January 4, 1937

ERNEST C. MOORE
VICE-PRESIDENT AND PROVOST

*Conserved
1/13/37*

Dr. Mildred Mathias
Shingletown
State College
Pennsylvania

Dear Doctor Mathias:

Many thanks for your letter of November 21, as well as the Unbelievable. Since I did not see you during December, I presume that you must have changed your plans, or else that you came to the University while I was away. If so I am sorry indeed that you did not 'phone my home. I shall be very glad to see you.

With best wishes for the New Year,

I am

Cordially yours,

Carl Epling

CE:sm

Carl Epling

*What do you mean by the "bay region".
Are you joining the staff at UC?*

UNIVERSITY OF CALIFORNIA
AT LOS ANGELES

June 3, 1937

Dr. Mildred Mathias
1156 Keeler Avenue
Berkeley, California

Dear Dr. Mathias:

Many thanks indeed for your kind letter of June 1. I am somewhat in a fog still but I am writing Dr. Moore to the best of my ability.

When you come to Los Angeles, by all means do let me know and it may be that, if you will let me know in advance, I can find a dwelling for you not far from the University. There is a little auto court on Wilshire where we have sent two or three relatives for short periods.

With kind personal regards,

Yours sincerely,

Carl C. Epling
Carl C. Epling

CCE:SM

January 17, 1941

Dr. Mildred Mathias
Life Sciences Building
University of California
Berkeley, California

Dear Mildred:

I spent two or three days in St. Louis and thought you might like to have the news. Things really haven't changed much there. Dr. Moore and Katie are a little older but not much. Bob is a little baldier but not much. Nell is just the same. I had a pleasant visit with her and her sister and mother one afternoon. Her mother has been ill but seems now on the road to recovery. She partly overdid in entertaining during the holidays. Dr. Greenman's hair is a little whiter but he still looks scarcely different save for that than when I first knew him years ago. We came back from Philadelphia on the same train and I had a good visit with him. As a matter of fact, it is the first time I believe I really have ever had a visit, if you understand what I mean.

The meetings were dull as usual although I presume maybe Constance may have another view. However, it isn't really fair for me to say that for I didn't hear many of the papers, being busy talking to people outside of the auditorium. I expect what I mean is that the systematists are still quarreling over nomenclature and such matters which seems to me to be futile or at any rate a waste of good time.

I received your note regarding Anemopsis and shall bear it in mind. Do you by any chance know of any species which is widespread and fairly abundant in which there is a sharply distinguished form which might be monogenic, as for example a sharp difference in color or pubescence such as Amsonia brevifolia?

I have been wondering whether you made the trip here this Christmas during our absence. There is a question that I would like to ask Gerald. At Wickett near Monahans in western Texas I saw a long building with a lot of little chimneys which suggested a long row of hop kilns, all of them belching black smoke in a great cloud. It presumably had something to do with oil refining. Will you ask him if he can elucidate the mystery.

With best wishes for the new year,

I am

Cordially yours,

Carl Epling

Carl Epling

CE:MA