



Hunt Institute for Botanical Documentation
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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.

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CHARLES C. DEAM
BLUFFTON, IND.

July 31 1929

M.E. Jones,
Pomona, College,
Claremont, Cal:

Dear Prof. Jones: I have just noted that you published recently a biography of the leading botanists. Please send me a copy together with bill and I will promptly remit.

Some years ago I bought of you all of your botanical publications you had at that time. Possibly you have been able to add to some you did not have at that time. If so please send them to me and add to the bill and greatly oblige.

I have Cont., extract from ^Froc. Cal. Acad. Science, ser. 2, Vol. 5,
611-733; 1895.

Contr. Nos. 8, 9, 10, 13, 14.

The Willow ^Family

^Ferns of the West

Montana Botany notes, pp 75

Mon. of Astragalus

Hoping to receive your recent pub. and some of the missing articles, I am sincerely yours,

Chas. C. Deam,

Chas. C. Deam

Bluffton, Indiana.

Research Forester for Dept.
of Conservation,



THIS SIDE OF CARD IS FOR ADDRESS

Prof. M. E. Jones,

Botany Dept.,

Pomona College,

Claremont, Cal.

Aug. 5, 1929

NOTICE OF CHANGE OF ADDRESS

Prof. Harold St. John, recently of the Botany
Dept., State College of Washington, Pullman,
Washington, should from now on be addressed as:

Dr. Harold St. John,
Botany Department,
University of Hawaii,
Honolulu, T. H.

Aug. 8, 1929

Mr. Marcus E. Jones,
Claremont, Calif.

Dear Mr. Jones:

Inclosed we are sending you money-order for
\$1.50 for which we should like to have you send us your Contributions
to Western Botany, no 15, and oblige,

Yours very truly,

Ethel Z. Bailey

FIELD MUSEUM OF NATURAL HISTORY
ROOSEVELT ROAD AND LAKE MICHIGAN
CHICAGO

+ 204

OFFICE OF
THE DIRECTOR

August 9th, 1929.

Mr. Marcus E. Jones,
Honorary Curator of Botany,
Pomona College,
Claremont, California.

Dear Sir:

Referring to your letter of August 2nd, please send to Field Museum, with bill, the collection of Mexican plants, consisting of 623 specimens, which you offer for sale at \$124.60. It is assumed that this collection contains specimens of all or most of the new species described in the recent number of your "Contributions"; for otherwise the Museum does not care to purchase it. It is also to be understood that in forwarding the collection it is subject to approval upon this condition.

Very truly yours,

Stanley Hill
President.

C. Deam
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THE DEPARTMENT OF CONSERVATION
STATE OF INDIANA
DIVISION OF FORESTRY
INDIANAPOLIS

CHARLES C. DEAM
STATE FORESTER

RALPH E. WILCOX
ACTING STATE FORESTER

Bluffton, Indiana.
Aug. 10 1929

Dear Prof. Jones:- Contr. No. 16 came this morning as also your letter. I enclose you check for 1.50 and in the event there is a charge for collections, please return it and I will remit by money order.

I enjoyed your letter and I know I will like the publications. Just at present I am reading page proof on my Grasses of Indiana.

"Well I am only 64 years old but I am about all in I guess. I have been a "wood^g hound " for the past 30 years. During the past 15 years I have used an auto here in Ind. and I have been in the field from 75-150 days each year. I have been in every township, 6 x 6 miles in this State. Every one concedes that I know more about our plants all others together. Facts are we have no one who is doing taxonomic work here. To me to collect is real sport, but it seems to be too strenuous for many. It is amusing but darn exasperating to read most of our ecological papers. Some school marm or girl student or some young squirt get out in the field a few weeks and then come and tell us all the habitat of a species. That is what one of greatest ecologists has done to a large degree, I refer to H.C. Cowles. E. N. Transeau is another who does not either know plants or the habits of the few he knows. I have a mounted herbarium of over 56,000 sheets and a library of over 2500 volumes. I made a trip to Mexico in 1898 and one in 1900. I was on the Isthmus and in south of Mexico, Puebla, Oaxaca, Punta de Ixtla and Cuernavaca and other places. I made two trips to Guatemala. I did all of my work between Puerto Barrios and El Fiscal. In all I got about 1700 species numbers. In all I have added about 40 new species to science. Species as the several authors have described them.

PREVENT FOREST GRAZING - IT PAYS

For the past 8 years I have been devoting my entire time to the Flora of Indiana. My forth coming book on the grasses will take about 400 pages, size of B. & B. Ill. Flora. I have spent almost 4 years on it. I have done my best to eliminate all the errors I could and to make as many species as I could and to reduce as many as I could. Here in Indiana we are not bothered as much as you are with ecological species but I think we do have a few of such. Hitchcock and Chase have been very severely criticised on having so many species of *Panicum*. I was one of the scoffers but when I made an intensive study of their species that occur in Ind. I find them mostly O.K. Often we find plants very much alike in structure but the habitat usually sets them off very markedly. Of such I am recognizing as good species or whatever you may call them, but when you have plants of the same habitat with a little variation, then it is time to take stock and see if the intermediates can not be supplied. In instances where I could not make certain my convictions I have followed authority, drawing attention to the possible error and let it go at that.

I do not assume as radical attitude as you do. My nervous make up will not permit it. I spoke of my health. I have always been vigorous and never had bad health habits such as the use of intoxicants, tobacco, etc. But recently I have taken on a severe case of neuritis in my left shoulder. If it continues it will incapacitate me. Otherwise I feel good for 90x years. I would like to live long enough to write a Flora of Indiana.

In the event you get out Contr. 16, advise and if I am living I surely want it.

I am sincerely yours,

Chas C. Deam.

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THE INTER-AMERICA FOUNDATION

127 HARVARD AVENUE
JAMES H. BATTEN, EXECUTIVE DIRECTOR
CLAREMONT, CALIFORNIA

September 2, 1930

Prof. Francisco Manriquez,
Director of Federal Education,
Culiacan, Sinaloa, Mexico.

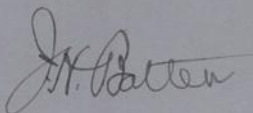
My dear Professor Manriquez:

This will introduce Prof. Marcus Eugene Jones
of the Department of Botany of Pomona College.

Professor Jones is one of the leading botanists
of the United States and an authority upon the
botany of the Great Plateau region from Canada
through the United States into Mexico. He is
now visiting various parts of your country for
the purpose of research work in the botanical
line. I will appreciate any assistance which
you may be able to give him.

With kindest regards, I am

Yours cordially,



Executive Director

JHB:MGL

THE MISSOURI BOTANICAL GARDEN

ST. LOUIS

OFFICE OF THE DIRECTOR

August 14, 1929.

Prof. Marcus E. Jones,
Pomona College,
Claremont, Calif.

Dear Prof. Jones,

I received your recent communication three days ago, but the present is the first opportunity that I have had to answer it.

I am very sorry that you find fault with my *Amsonia* paper. It is the first taxonomic work that I ever published, having been completed before I received my master's degree. There are doubtless many inaccuracies in it, which, however I hope will be remedied, from time to time, by my taxonomic friends. The Geological figures and statements I borrowed from Schuchert's and Grabau's well-known texts.

I was very grateful to receive the seeds which you kindly sent me. I was disappointed, however, that you sent me none of *tomentosa*, since you say that it always grows with *brevifolia*. Could you possibly send me some of *tomentosa*? Also I should like living plants of the glabrous and pubescent varieties of *Apocynum pumilum*, as well as living plants of *Cycladenia*. I will be glad to pay a nominal rate for growing plants of as many species and varieties of *Apocynum* and *Amsonia* as possible. I am undertaking breeding experiments with those genera, and so I should like especially to hear from you concerning these. They could no doubt be safely packed in sphagnum or some other absorbent packing successfully. If you are unable to help me yourself in the matter, perhaps you could entrust the enterprise to some other competent person.

Sincerely yours,

Robert E. Woodson, Jr.

Robert E. Woodson Jr.

THE ACADEMY OF NATURAL SCIENCES
OF PHILADELPHIA



SPENCER TROTTER
LIBRARIAN
WILLIAM J. FOX
ASSISTANT LIBRARIAN

LOGAN SQUARE
PHILADELPHIA, PA.

August 28th, 1929.

Prof. Marcus E. Jones,
Pomona College,
Claremont, Calif.

Dear Sir:

Dr. Pennell, Curator in charge of the Botanical Department, informs me that you have recently issued a part or parts of your "Contributions to Western Botany". The last part of this we have is Number 14, and we will be glad if you will send us any later issues and future ones, with a bill for same.

I am,

Yours very truly,

A handwritten signature in cursive script, reading "Wm. J. Fox".

Wm. J. Fox,
Acting Librarian
and
Editor of Publications.

WJF:IM

TEXAS AGRICULTURAL EXPERIMENT STATION

W. H. DAMERON, SUPERINTENDENT
V. L. CORY, RANGE BOTANIST
E. A. TUNNICLIFF, VETERINARIAN
O. L. CARPENTER, SHEPHERD

A. B. CONNER, DIRECTOR
AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS

SUBSTATION NO. 14

SONORA, TEXAS, August 26, 1929.

Prof. Marcus E. Jones,
Pomona College, Box 82,
Claremont, California.

Dear Professor Jones:-

I thank you for your letter of the 18th inst. and for sending me a copy of your revision of the genus *Astragalus*. I have had time only for a cursory examination. However, the section *Mollissimi* was studied in detail to note whether my loco was included therein, and it was not. The same was the case with Rydberg's monograph for section *Mollissimi* for the genus *Astragalus* as he considers it. I am inclined to consider the genus as you do.

After making these studies I forwarded my manuscript to Rhodora for publication, and I shall send you a separate and sheets of the plant when the separates are received. The new species is named *A. argillophilus*, because of the fact that its closest relative botanically and in distribution, *A. mollissimus* Torr., grows in sandy soils while this species grows only in clayey soils. I collected 152 sheets of this species, and studied its distribution in detail. Inasmuch as it is limited to the Edwards Plateau I did not go up on the High Plains and therefore did not contact with *A. mollissimus*. I had intended making a survey of the southern distribution of that species on the High Plains with Dr. Eggleston, but when he got ready for this phase of the work he had only a day or two at his disposal, which lack of time made the undertaking an impossible one. Now, we hope next April to make this study, or at least he has expressed this wish to me. He wishes to go over the Culberson Plateau, the Guadalupe Mts., and the Davis Mts. There is by far too much area to cover to get over any of it much in detail, but this will depend upon the amount of time he has at his disposal.

Inasmuch as you mention *Oxytropis*, I may say that I have not encountered any of this genus on the Edwards Plateau or on the Trans-Pecos area of the State. Among the plants sent to me from Amarillo (Potter County) for identification was *Oxytropis Lambertii* Pursh, so I know that this species is found on the Upper High Plains. However, I do not know how far south it comes on the High Plains.

I am asking Director Conner to accept your monograph for the Library of the Experiment Station, and that he pay you for the purchase of the same. Inasmuch as Rydberg's work was purchased recently, I feel assured that yours likewise will be purchased. I am not inclined to follow Rydberg in segregating thirty or more genera from the genus *Astragalus* (28 not including *Oxytropis* and *Caragana*). However, I am interested chiefly in field work, and cannot give the study and attention required before one can learn much about such things.

Very sincerely yours,

V. L. Cory

Grazing Research Botanist.

I thank you for your booklet, "Fundamentalism." I will read it later on, and with pleasure. Presumably we are together on this subject.
V. L. C.

BRIGHAM YOUNG UNIVERSITY

FRANKLIN STEWART HARRIS, President

PROVO, UTAH

Aug. 31, 1929

Professor Marcus E. Jones
Pomona College
Claremont, California

Dear Professor Jones:

I am sending you today another bundle
of plants collected this summer. These are
duplicate specimens and you are welcome to them.

Thanks very much for your previous
determinations.

Sincerely yours,

Walter P. Cottam

WPC:NC



THIS SIDE OF CARD IS FOR ADDRESS

Marcus Jones M.C.
Department of Botany
Pomona College Claremont
California

Riverside, Calif. Sept 3.

Dear Friend Tom:-

Since I

saw you over there a couple
 of weeks ago - I have had an
 attack of an old trouble -
 something like pleurisy that
 nearly laid me out, and
 while I am pretty well now
 it, I think it will be worse
 for me not - although any
 long trips for awhile but
 stay in California and
 keep rather quiet - it is
 not alarm - but very disagree-
 able - I believe it to be a
 hangover from a sunstroke
 when I was a youth in
 Nebraska, I certainly
 want to see Arizona but
 want to be well enough
 to scramble around and
 keep out of the way of the
 side winds which I do -
 I hope this will not in any
 way interrupt your plans -
 I am yours very truly
 Fred. McCall

BUTLER UNIVERSITY
INDIANAPOLIS, INDIANA

ROBERT J. ALEY, PRESIDENT

DEPARTMENT OF BOTANY

HAY C. FRIEDMAN, PROFESSOR
C. MERVIN PALMER, ASST. PROFESSOR
STANLEY A. CAIN, ASST. PROFESSOR

WILLARD N. CLUTE,
DIRECTOR OF BOTANIC GARDENS
CURATOR OF HERBARIUM

September 3, 1929

Prof. M. A. Jones
Claremont, Calif.

Dear Professor Jones:

Our State Botanist, Mr. Chas. C. Deam, informs me that you have issued a very interesting publication, which he said is called "Contribution 15". The one referred to is concerned with certain observations on botanical methods or something similar.

If you can make out from this what I mean, will you tell me the price of a copy, and where I can get it. I think it should be mentioned in American Botanist.

Yours truly,

Willard N. Clute

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Los Angeles Museum
OF HISTORY, SCIENCE AND ART
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Otis Art Institute

Office of the Director

WM. ALANSON BRYAN
THE MUSEUM, EXPOSITION PARK
LOS ANGELES, CALIF., U. S. A.
TELEPHONE HUMBOLT 0693
CABLE ADDRESS "LAMUSED"

September 6, 1929.

Professor Marcus E. Jones,
Pomona College,
Claremont, California.

My dear Professor Jones:

I have been absent from the city and I am making an acknowledgment of your letter of the 15th inst.

I regret that it does not seem possible for me to work out any practical plan that will enable us to cooperate in the proposed expedition to Lower California. You of course appreciate how sincerely I regret this, but the year has many calls on the funds I have available, and the complications to which I have alluded in conversations, make it seem impossible.

Later I shall hope to be able to purchase the 455 numbers for \$91.00 mentioned in your letter.

Regretting exceedingly that I am not able to do as I should like to in this matter, I am

Very truly yours,

W. A. Bryan
Director

WAB/T.

SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
WASHINGTON, D. C.

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September 11, 1929

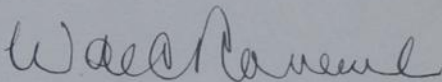
Mr. Marcus E. Jones,
C/o Pomona College,
Claremont, California.

My dear Mr. Jones:

I am in receipt of your letter of the 13th ultimo
quoting prices for your collection of Mexican plants referred
to in our previous correspondence.

On further consideration of the matter it has been
decided that the Museum does not desire to purchase the
specimens at the price indicated.

Very respectfully yours,



Wm. deC. Ravenel,
Acting Assistant Secretary

CS

BUTLER UNIVERSITY
INDIANAPOLIS, INDIANA

DEPARTMENT OF BOTANY

HAY C. PRIENKE, PROFESSOR
C. MERVIN PALMER, ASST. PROFESSOR
STANLEY A. CAIN, ASST. PROFESSOR

ROBERT J. ALEY, PRESIDENT

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No. 214
WILLARD N. OLNEY,
DIRECTOR OF BOTANICAL GARDENS
CURATOR OF HERBARIUM
Editor Am. Botanist

Sept. 13, 1929

Dear Mr. Jones:

I shall be very glad to get hold of a publication that speaks its mind regarding the elect in botanical circles. I find a lot of stuff is kept under cover if it concerns the "leaders." E.L. Greene once wrote a brochure scoring Asa Gray and several more, but he was dissuaded from publishing it. I saw a letter a long while ago, from an editor asking whether it was policy to let Aven Nelson have two pages in which to describe some new species. The point was not that he had some new species, but whether it would be wise to let him describe them!

Well, here is the \$1.50.
Let me have a copy of No. 15 as soon as convenient. I have seen no mention of it in the reviews. Are they trying to suppress you, too?

Yours truly,

Willard N. Olney

THE ACADEMY OF NATURAL SCIENCES
OF PHILADELPHIA



SPENCER TROTTER
LIBRARIAN
WILLIAM J. FOX
ASSISTANT LIBRARIAN

LOGAN SQUARE
PHILADELPHIA, PA.

September 13th, 1929.

Mr. Marcus E. Jones,
Pomona College,
Claremont, Calif.

Dear Sir:

Your letter of September 3rd, and your Contribution Number 15, and the Volume on Astragalus have come to hand. We did not order the latter work, as it is already in our library, but unfortunately the copy you sent ~~was~~ library stamped before it was discovered that we already possessed the work. The library stamp is on the cover and on the first page, and we are wondering if you will permit us to return the copy to you, as the library stamp means merely the replacing of the cover and pages 1, 2, 11 and 12. Kindly advise us as to this as soon as possible.

We now have all your Contributions in our library, as we have a complete set of Zoe and the Proceedings of the California Academy of Sciences, in which Numbers 1 to 7 appeared.

Awaiting your reply, we remain,

Yours very truly,

Wm. J. Fox,
Acting Librarian
and
Editor of Publications.

WJF:LM

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THE MISSOURI BOTANICAL GARDEN

ST. LOUIS

OFFICE OF THE DIRECTOR

September
sixteenth
1929

Mr. Marcus E. Jones,
Pomona College
Claremont, California

Dear Sir:

Could you please send us a copy of No. 15 of your "Contributions
to Western Botany".

Thanking you very much, I am,

Very truly yours,

Walter C. Homer

Librarian.

NCH/VG

Windsor, Colorado.

Sept. 13th 1929,

Dear Prof. Jones:

I sent to you this morning by parcel post a package of Pennsylvania plants. There were just about 100 of them, so that I am still indebted to you. I hope you will be pleased with some of the plants. Botany work takes time. The time for a month, which I have had to work with the plants, has gone in naming these plants and writing the labels. I hope the specimens are correctly named, but if you notice any errors please let me know.

The hot weather is past for this here, and I suppose it is also in Calif. The weather, with rain, turned cold with a jerk, so that we wanted to sit by a fire. Hope your work is going well.

Sincerely

Geo. E. Osterhout

HENRY T. FLETCHER
ALPINE, TEXAS

Sept. 19, 1929.

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Prof. Marcus E. Jones.
Pomona, California.
Dear Sir:

Enclosed find \$5.00 for
which you will please send me
a copy of your "Revision of the
North American Species of Astragalus."

Yours truly,

Henry T. Fletcher.



NOTIFY
YOUR
CORRESPONDENT
OF CHANGE
OF ADDRESS



THIS SIDE OF CARD IS FOR ADDRESS

Prof. Marcus E. Jones
~~The Yale Review,~~ Claremont.
315 Whitney Ave., Calif,
~~New Haven, Conn.~~

To The Yale Review,
315 Whitney Avenue, New Haven, Conn.

#219

- ☒ Please renew my subscription to THE YALE REVIEW for \$4.00.
☒ Please renew my subscription to THE YALE REVIEW and send me The Intimate Papers of Colonel House - the two in combination \$12.00.

*Sent you check for \$1.50 for that Bulletin
I will pay on receipt of bill.*

no 15 I think. But it has not arrived yet.
Name... *Check sent Sept. 1/24*

Address... *Wm. Chute*

City & State... *Butler University*
Indianapolis, Ind.

JS-4

BRIGHAM YOUNG UNIVERSITY

FRANKLIN STEWART HARRIS, PRESIDENT

PROVO, UTAH

DEPARTMENT OF BOTANY

Sept. 30, 1929.

Dear Prof. Jones:

Thanks for your determinations and your good letter of a few weeks ago. I agree with you that it was a tragic circumstance that permitted your herbarium to leave the state of Utah. Practically nothing has been done with the herbarium at the U. of U. for a good many years. I think that we can boast of the best school herbarium now in the state, and I appreciate very much your genuine help in getting all the plants here with authoritative determination. I believe that we now have about 2000 species in our herbarium and practically all of them are Utah plants. I think this a pretty good start considering the fact that this is only my third summers collecting and I have but six weeks each summer in which to devote to this work.

In one of your determinations, you give the species *Cryptantha californica*. Will you give me a synonym? I am unable to find it in any of my keys.

I am sending you to day rather a large bundle of plants (mounted) that have been accumulating here for the past three years. I shall inclose a check for a dollar to cover the return postage.

If ever you are through these parts again, I shall de_ely appreciate a visit from you. Since I have had very little herbarium experience, I am sure you would give us some very helpful criticism,

Sincerely,

W. P. Cottary

P.S. Dr. Remell identified two new species of *Pentstemon* which I collected at Escalante. ^{his} ^{summit} He has not named them yet and as soon as he does so I shall send them to you for examination.

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TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, DIRECTOR

W. H. DAMERON, SUPERINTENDENT
V. L. CORY, RANGE BOTANIST
E. A. TUNNICLIFF, VETERINARIAN
O. L. CARPENTER, SHEPHERD

AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS

SUBSTATION NO. 14

SONORA, TEXAS, October 1, 1929.

Prof. Marcus E. Jones, Honorary Curator of Botany,
Pomona College,
Claremont, California.

Dear Professor Jones:-

I was delayed in replying to your letter of August 29th until after the time you were expecting to be in the field, so I postponed it still further to to-day.

lower In the near future I shall send some plant material, chiefly Onagraceae, to Professor Munz, and I shall send you Astragalus argillophilus at that time. I do not know just when the species is being published, but will send you a separate at that time. The species is a prairie species below the level of the High Plains, and takes the place of A. mollissimus of that region on the ~~low~~-lying Edwards Plateau, neither of these species occurring in the territory of the other one. In this case the loco grows above the occurrence of live oak in the draws as a general thing. I have never collected giganteus or Yaquianus, but I know that the former grows on Blue Mountain, Mount Livermore, and other of the taller peaks of the Davis Mountains. I hope to collect it one of these days.

I am sorry not to have been able to write in time to invite you to visit me here on the Edwards Plateau. Of course, from a botanical viewpoint, there is nothing to be seen here at this time of the year, especially when it is as dry as it now is, and largely has been throughout the year to date. The Big Bend has so much of interest to offer that a botanist could hardly pass that up to come on out here. I hope that you got down in the Big Bend this time. I have traveled over that country for two years in rather a hurried manner, but as we covered the entire Trans-Pecos our effort was spread out rather thinly, of course. It has been my desire to get at the winter annuals growing in the Big Bend, but I have not succeeded in this so far. The country is a hard one in the summer time, except in the mountains, and I have seen it enough in the summer time.

In a letter to Professor Munz I am explaining that we have no herbarium here and that we are in an isolated locality 80 miles from a railway and also that our interest is confined to the flora of Texas. For these reasons we would not be interested in exchanging for material from other States. Just the same we thank you very kindly for your courteous offer. If we can assist you in any way in your work in what may be considered as our region we wish that you would command us. We may not be able to do much, of course, but will do gladly what we can. Above everything else we would be pleased to meet you and make your acquaintance and talk things over with you. So, if you are able to make it out here at any time, we would be pleased to entertain you and to make you visit an interesting one.

Very sincerely yours,

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SAMUEL E. CASSINO
THE NATURALIST'S DIRECTORY
SALEM, MASS., U. S. A.

Dear Sir:

The new edition of the Naturalists' Directory, the "Who's Who" of Professional and Amateur Naturalists, is being prepared and will be issued early in 1930. It will embrace North and South America and Great Britain and Colonies.

The names will be arranged alphabetically by countries (not by states as in the last edition). An index will be given by which one may easily designate people who are interested in any special subject.

Will you kindly return to me the enclosed slip with O. K. or corrections by an early mail.

I am sending you a few slips for new names and hope you will send me addresses of your friends and acquaintances who should be included. I shall be grateful for any help you may be willing to give me in this way.

Sincerely yours,

Samuel E. Cassino

THE MISSOURI BOTANICAL GARDEN

ST. LOUIS

OFFICE OF THE DIRECTOR

Woodson

FF
223

October 5, 1929.

Prof. Marcus E. Jones,
Department of Botany,
Pomona College,
Claremont, Calif.

Dear Prof. Jones,

I feel that you will be interested to hear that the plants of Apocynum pumilum which you sent me a few weeks ago have practically all sprouted, and that the seeds of Amsonia have produced many thrifty seedlings. The plants of Amsonia, however, did not survive.

From the evidence of the seeds which you kindly sent me, I feel no hesitancy in acknowledging that there appears little or no difference in the size and shape of the seeds of Amsonia brevifolia and A. tomentosa as I figured them in my paper on the genus. In the dried material which I had for study I felt that there was such a difference. I think it is significant, never-the-less, that the glabry or pubescence of either species has not been reported to intergrade.

In my employment of the specific concept, I do not hesitate in regarding any conspicuous, natural and non-variable character as a specific criterion. The variety, as the name implies, I employ not as a lesser species, but as a group of plants demonstrating a natural and variable character in common. I do not attempt to criticise other systematists because they do not share similar

opinions, however, because, all in all, the concept of taxonomy is largely philosophic. The wranglings of taxonomists, it frequently appears to me, has much in common with the wranglings of theologians, and is based upon similar anthropocentric ideas.

Like you, I feel that it is a good thing to know plants in the field. Although familiar with the eastern species of Amsonia, my acquaintance with the western Amsonias was limited, at the time of publication of my paper, to seedlings of A. Palmeri and A. pogonosepala which I raised from seed sent me from Arizona by Mr. T. H. Kearney of the U.S. Department of Agriculture. In my study of Apocynum which I expect to appear in the first two numbers of the Annals of the Mo. Bot. Garden for 1930, I have done a great amount of field study, omitting only the extreme western states. This omission was caused, this last Summer, by the sickness of my travelling companion Dr. E. S. Anderson of the Mo. Bot. Garden, whose paper on Iris versicolor and I. virginica you may recall having seen in the Annals for last year. Dr. Anderson developed a form of bladder inflammation while we were collecting in the region of Shiprock, N. M., and as a result we were forced to return to Denver. At the time of our accident, we were slowly travelling to southern California, where I was in hopes of consulting with you on problems of Apocynum and Amsonia.

You may be interested, if not especially pleased, to hear that I am on the point of publishing still another species of Amsonia. This plant, which I name A. illustris, I have observed in the field in quantity, and have also grown, side by side with A. Tabernaemontana in my garden and in the greenhouse. If you are interested

in growing botanical species and varieties side by side, as I am, and as I believe you are, I shall be more than pleased to mail you growing specimens of A. illustris and A. Tabernaemontana for your garden, or that of the college.

Again may I thank you heartily for the plants and seeds which you have cheerfully given me.

Sincerely,

Robert E. Woodson, Jr.

DR. H. HAPEMAN
MINDEN, NEBRASKA

#224

October 8th 1929.

Prof. Marcus E. Jones,
Claremont, Calif.

Dear Prof. Jones:

Have you any herbarium specimens which you care to exchange?

I have a large amount of material from nearly all parts of this country which includes nearly a complete line of the plains flora also some foreign specimens.

I would be glad to exchange for California specimens, especially grasses and sedges but would accept plants of other groups.

Yours truly,

H. Hapeman

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INDIANAPOLIS, IND.
THE AMERICAN BOTANIST

October 8, 1929

Prof. Marcus E. Jones
Claremont, Calif.

Dear Sir:

One month ago, I sent you \$1.50 for Bulletin 15 containing some observations on eastern botanists. THIS BOOK HAS NOT BEEN RECEIVED.

About two weeks ago, I wrote you asking you to see that this book was delivered to me. To this letter you have made no reply.

I do not understand why you fail to reply to a courteous note asking for what I have paid for, and I trust that you will see that I receive a copy immediately. Failing to hear from you, I shall, of course, ask the postoffice authorities to inquire into the matter. Once more, will you kindly send me a copy of the publication for which I sent you money a month ago?

Yours truly,

Willard N. Clute