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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.

301

UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

BOTANY

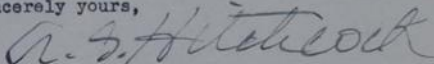
March 29, 1930.

Professor M. E. Jones,
1248 College Ave.,
Claremont, Calif.

Dear Professor Jones:

In your recent Contributions to Western Botany you have a new combination of a grass, *Setaria caudata* var. *pauciflora*. We keep a card index of all such new names. I am writing to ask upon what this varietal name is based? You have Vasey in parenthesis; so I suppose it is some species or variety described by Vasey. I have been unable so far to find the name in Vasey's writings. You say after your name "as *Chaetochloa*". There is some error here, however, because the name *Chaetochloa* was proposed after Vasey's time. I would appreciate it if you would help me out on this.

Sincerely yours,



A. S. Hitchcock, Principal Botanist in
Charge of Systematic Agrostology.

Office address: Smithsonian Institution.

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

CALIFORNIA ACADEMY OF SCIENCES
GOLDEN GATE PARK

SAN FRANCISCO, CALIFORNIA

C. E. GRUNSKY,
President of the Academy
BARTON WARREN EVERMANN,
*Director of the Museum and of the
Sutcliffe Aquarium*

302

April 1, 1930

Mr. Marcus E. Jones
Pomona College
Claremont, California

Dear Sir:

Please find enclosed check \$98.00 in payment
of Mexican and Arizona plants sent to our Miss Alice
Eastwood recently.

Kindly acknowledge receipt.

Very respectfully

Susie M. Peers

Inc.
SMP:EL

Secretary

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

CALIFORNIA ACADEMY OF SCIENCES
GOLDEN GATE PARK

TELEPHONE PACIFIC 5100
C. E. GRUNSKY,
President of the Academy
BARTON WARREN EVERMANN,
Director of the Museum and of the
Steinhart Aquarium

393

SAN FRANCISCO, CALIFORNIA.

April 3, 1930.

my dear Professor Jones:-

I have been getting your specimens ready for mounting and find those in a package being sent to you without any labels. Will you kindly attach the labels? That new fern genus certainly looks peculiar. I haven't had time for critical examination.

Yours sincerely, Alice Eastwold

2101 Conn. Ave.
Washington, D. C.
Apr. 5, '30.

My Dear Cousin Marcus:

This check is from
Uncle Theodore's last
salary check. I trust
you can use it for
something you want.
I think it must

be very lovely at
Claremont now.

I once visited
Prof. W. P. Russell there
and was charmed
with the place.

I trust you find
your work there
pleasant -

Very sincerely yours,
Grace B. Burton.

Wash, DC

My dear Mr. Jones,

San Diego
Apr. 7.

Our vacation comes
next week and if it is convenient
to you I should like to come
to Pomona and work some.

My strength has been much lower
than I like and I have not done
anything but school work, for I
don't like substitutes. But ^{my} vacation
is coming and I expect to get in
shape the addition (136) since.

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my previous work.

I hope I shall not miss you as I did last year. I think I should have finished much more if I had not been ~~so~~ so long. Lack of getting back to normal has interrupted everything.

With cordial regards

I am very truly

1514 Madison Ave. D.

Frederic G. Cottrell

TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, DIRECTOR

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

AGRICULTURAL AND MECHANICAL COLLEGE OF TEXAS

SUBSTATION NO. 14

SONORA, TEXAS, April 8, 1930.

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

Dear Professor Jones:-

Your recent letter was considerably delayed in getting to me, and I am just now able to give it attention. I have been away for seven weeks engaged in work preliminary to a publication of a study made of carrying capacities of the pastures here at the Ranch Experiment Station.

Very likely you have begun your journey to the Big Bend of Texas, and I fear that there may be some delay in this letter getting to you. If you should happen to be in Texas just now I wish that I knew it because of the bare possibility that I might arrange to spend a few days with you and could assist you by my knowledge of the roads, etc. throughout the Big Bend. It is a pleasure that I have looked forward to, and if I fail to make this contact with you I shall be greatly disappointed.

The circumstance is this. It seems likely that I shall attend the meeting at Tucson, Arizona the fourth week of April. One of the men here drives through to El Paso the latter part of this week, and he may wish to continue on to Tucson. In such event we would have a few days next week to devote to travel or work in the Trans-Pecos or possibly in the vicinity of El Paso. Owing to various other parties being concerned we cannot be certain what the final plans or possibilities may be. If you are present at the meeting at Tucson, I hope to have the pleasure of meeting you and talking with you on subjects of mutual interest.

You interest me very much in your remarks concerning Tidestrom. It is peculiar that he did not make use of your herbarium in his preparation of the FLORA OF UTAH AND NEVADA. He is now engaged in the preparation of a flora of Texas, but I doubt that he has established contact with any botanist engaged at present in this State at this kind of work. Also I have written to him twice but he has ignored both letters. Now, I wonder what kind of a man he is. I was in the U. S. D. A. for eight years, so I know something of the peculiar attitudes of some of the Department workers. I was glad to get away from such associations, and the State workers in Texas are largely free from suspicion and jealousy of their fellow-workers. But I am not worrying any about what Tidestrom may do, and we will be glad to welcome his flora of this state for whatever value it may be to us; and we trust that this will be very great indeed. I know through Dr. Eggleston that they do not recognize some species of Rydberg's Revision of the Astragali. I refer to A. Tracyi and A. marcidus especially. Also they reject Rydberg's conclusion that the "garboncillo" should be known as A. Wootoni and consider it to be really A. triflorus. I presume that these conclusions are more or less acceptable to you, as I think they will to me when I get to give some study to the subject.

The plants you mention as being interested in are of great interest to me as well, and I trust that we can get to do some scouting together during your present visit to Texas.

Very sincerely yours,

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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

BOTANY

April 15, 1930.

Professor M. E. Jones,
1248 College Ave.,
Claremont, Calif.

Dear Professor Jones:

I have your letter of April 11th from Texas. In answer I would say that the name I had in mind is "*Setaria caudata* var. *pauciflora* (Vasey) as *Chaetochloa* M. E. Jones, Contr. West. Bot. 16: 13. 1930. In our card index we like to record the basis for each name which is a transfer, as this evidently is. This name would appear to be based on something described by Vasey. It is possible that it may be a herbarium name, or may be from one of his lists in which there were no descriptions. I would appreciate it greatly if you could help me out on this.

Should you have one of these separates, that is, your Contribution to Western Botany No. 16, I should like very much to have one for my agrostological library.

Sincerely yours,

A. S. Hitchcock

A. S. Hitchcock, Principal Botanist in Charge
of Systematic Agrostology.

Office address: Smithsonian Institution.

Who's Who Among North American Authors

PUBLISHED BY
GOLDEN SYNDICATE PUBLISHING COMPANY

814 SOUTH SPRING STREET
LOS ANGELES, CALIFORNIA

308

April, 1930

Dear Author-Friend:

WHO'S WHO AMONG NORTH AMERICAN AUTHORS, 1929-30 edition, contains a very interesting sketch of your life and literary activities.

The book contains the biographical sketches of more than 10,000 authors and writers of the United States and Canada, and you undoubtedly have many friends among those included. It is a very well bound, attractive appearing volume of 1400 pages, and fits well into any library.

As so many authors have requested us to notify them when the work was ready for distribution, we are sending this announcement to those who have not yet subscribed, that all may be included in such courtesy.

If you desire a copy of WHO'S WHO AMONG NORTH AMERICAN AUTHORS, we will be pleased to have you attach check to enclosed Order Blank, which we are sending for your convenience, and return to us; or if you wish the book sent payment on delivery to you please so indicate. As the edition is in great demand, we would very much appreciate as prompt response as possible, if you wish one of the books.

We feel confident you would be very much pleased with this new edition.

May we suggest that you mention to your public or college library that WHO'S WHO AMONG NORTH AMERICAN AUTHORS is a valuable reference work to place on their shelves? In this way you will definitely help a public seeking information about authors and their work.

With cordial good wishes, and sincere appreciation for your cooperation,

GOLDEN SYNDICATE PUBLISHING COMPANY
Courtesy Department

**WHO'S WHO
IN AMERICA**

Every Two Years

Edited by Albert Nelson Marquis

Cable Address: Marquis, Chicago

The A. N. Marquis Company

PUBLISHERS

919 North Michigan Avenue

CHICAGO

**WHO'S WHO
IN AMERICA**

Every Two Years

Edited by Albert Nelson Marquis

Dear Sir:

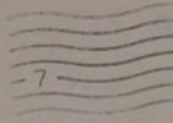
The personal sketch which you revised and returned some time ago possibly may require further revision, owing to the lapse of time. If alterations or additions are necessary, please note them on the enclosed post card and mail it to us without delay.

We aim to have every sketch which is to appear in the forthcoming edition of WHO'S WHO IN AMERICA brought right down to date of going to press. Kindly help us by checking and returning the card at once. Please return it even if no alterations are necessary.

Very truly yours,

A. N. Marquis Company

P.S. We have not been favored with your advance order for a copy of the new edition. If you expect to purchase a copy of the 1932-1933 edition at any time, we shall consider it a favor if you will sign the printed order at bottom of card. Orders received in advance will be filled on the date the book comes from the bindery.



THIS SIDE OF CARD IS FOR ADDRESS

Mr. Marcus E. Jones,
Claremont, Calif.

OFFICE OF
WHO'S WHO IN AMERICA
919 North Michigan Ave.

CHICAGO
OCT 2 - 1929

19

Dear Sir -

You have doubtless overlooked the matter of returning the ~~personal~~ sketch which was sent for revision a short time ago

Kindly examine and return the sheet at once.

Please return the sketch even if no alterations are necessary

Very truly yours,
THE A. N. MARQUIS COMPANY

PER _____

309
FLORENCE YOCH
LUCILE COUNCIL
Landscape Architects
1432 WAYNE AVENUE
SOUTH PASADENA, CALIFORNIA
PHONE WAKEFIELD 7821

April 21, 1930

Bureau of Publications
Pomona College
Claremont, California

Gentlemen:

We would appreciate it if you would send
us at the above address two copies of
Bulletin #15, Contributions to Western
Botany, by Marcus E. Jones.

Please let us know the price of the bulletin.

Thanking you, we are

Very truly,

FLORENCE YOCH & LUCILE COUNCIL
By

Florence Yoch

FY:MH

Sub in 4.10.1930.

ARNOLD ARBORETUM, HARVARD UNIVERSITY
JAMAICA PLAIN
MASS.

310

April 25, 19 30

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

Dear Sir,

We have in our Library your "Contributions
to western botany" no. 4 - 14. We are anxious
to have a complete set and will appreciate it
very much indeed if you can help us to obtain
nos. 1 - 3, 15 and following.

Yours very truly,

Ethelwyn M. Tucker

T/B

Librarian

2328 18th St

Bakersfield, Cal.

Apr. 25. 1930.

Prof. Marcus Jones,
Claremont, Cal.

311

Dear Sir - I am taking Botany in Junior College under L. G. Ingles (Pomona) and he has advised me to take my mounts to you for determination of species and verification. I wish to come down next week-end, but I

do not know what time I can
be there on Saturday, and am
not sure I can get there ex-
cept on Sunday. Could you meet
me at the herbarium, (I'd like
to see it.) and help me? I
shall make a desperate effort
to get there Saturday, or sin-
sure it would please you
better. Shall I phone you
when I reach Claremont, or
what would you suggest?

Thanking you - me Walter Reborn

WRIGHT M. PIERCE
Photographer
CLAREMONT, CALIFORNIA

3/2
April 30-1920

Dear Mr. Jones:-

Received your shipment today and I am delighted with them, the living rock and the button cactus are very interesting and I shall prize all you sent very highly. Do not know as this letter will ever reach you but I will try anyway. Glad to hear that the collecting is so excellent and shall be pleased to hear of your exploits on your return. We are having a fine rain storm today - in fact it has come down steadily ~~to~~ since midnight - last night. I was out on the Mohave Sunday and have never seen it so beautiful, simply a riot of color with the wild flowers everywhere - My cactus, many of them are blossoming, and some are very attractive - polyanthus has a very striking bloom - purple to deep pink - all my johnsoni have yellowish bloom and some of them a great mass on top of the plant. If you get a chance to send me more specimens they will be much appreciated - I envy you in that great land of wonderful cactus - I am going there myself, some of these days. Thanking you again for the specimens and looking forward to receiving more at your convenience I am, wishing you the best of success -

Sincerely yours - Wright M. Pierce.



CALIFORNIA ACADEMY OF SCIENCES
FLORA OF ARIZONA
17000
Pentstemon
On road from Roosevelt
to Globe
COLL. ALICE EASTWOOD
May 8, 1929

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

CALIFORNIA ACADEMY OF SCIENCES
GOLDEN GATE PARK

TELEPHONE PACIFIC 3100
C. E. GRUNSKY,
President of the Academy
BARTON WARREN EVERMANN,
Director of the Museum and of the
Steinhart Aquarium

313

SAN FRANCISCO, CALIFORNIA.

May 7, 1930

My dear Professor Joul:-

Can this be your
Pentstemon subulatus Conts. 12. page 62?
The flowers seem 'to be too small'
but otherwise there is agreement.

Yours sincerely

Alice Eastwood.

May 5, 1930

Dear *Mary*:—

The House of Representatives has set apart Thursday, May 15th, as the day for holding general memorial services in memory of members of the United States Senate and House of Representatives who have died.

While these services are for the purpose of permitting members of the House to show their appreciation of the lives and public services of their colleagues and it is not desired to impose any burden upon the immediate relatives and friends of the deceased, even so, the chairman of the Memorial Committee has written to advise that the relatives and friends of the late Senator Burton are most cordially invited to be present and will be most welcome in attendance upon the exercises.

Will you be able to attend?

Affectionately yours,

Gene C. Burton

So glad to receive your good letter.

3/5

FLORENCE YOCH
LUCILE COUNCIL
LANDSCAPE ARCHITECTS
1432 WAYNE AVENUE
SOUTH PASADENA - CALIFORNIA

May 12, 1930

Mr. Marcus E. Jones
Box #82
Claremont, California

My dear Mr. Jones:

We have the two copies of your "Contributions #15", and enclose our check for \$3.00. Thank you very much for your promptness, as we are expecting to leave soon for Mexico, and we are very eager to have this information.

Dr. Swingle at Indio showed it to us, and told us something of your experiences in getting it. We are very grateful to have it.

Thanking you, we are

Very truly,

FLORENCE YOCH & LUCILE COUNCIL

By

Florence Yoch

FY:MH
1 encl.

2328-18th St

Bakersfield, Calif.

May 15, 1930.

Prof. Marcus E. Jones,
Claremont, Calif.

316

Dear Sir - Mr. Ingels said
he was quite sure you were not
at home, was the reason I did not
hear from you before. It is very
kind of you to offer to help me
with my specimens, and I am
anxious to bring them to you,
but it is so near the close of
the semester that it will be

impossible for me to leave until
after June 6. If it is convenient
to you, sometime after that date,
I should like to come, and may
be able to come on a day that
will be most convenient for you.
Please let me know if you have
any preferred day in the week,
and I will come as soon as
possible after school closes here.
Thanking you, I am

Very respectfully yours

Mrs Walter Osborn.

JOHN E. GOODWIN
LIBRARIAN

UNIVERSITY OF CALIFORNIA AT LOS ANGELES
THE LIBRARY

May 17, 1930

317
W. W. CAMPBELL
PRESIDENT OF THE UNIVERSITY
ERNEST C. MOORE
DIRECTOR

Mr. Marcus E. Jones
Claremont, California

Dear Sir:

We have learned through Prof. P. A. Munz of Pomona College that you have for disposal the following sets of periodicals:

Rhodora, vols. 1-20. (vols. 1-7 bound in black, half-leather, the other unbound.)

Torreya, vols. 1-18. (vols. 1-5, bound in black, half-leather.)

Greene, E. L.--Pittonia, 5 vols. (bound in black, half-leather.)

We are interested in getting these files, and shall be willing to pay a total of \$100.00 for the three items.

Please let us know whether this price is satisfactory to you.

Very truly yours,

J. E. Goodwin
Librarian

JCK:JS

Bickleton, Wash.
May 19, 1930.

318

Dear Prof. Jones:

As I have received no answer to my last letter I presume you have been in Texas or somewhere down there botanizing. I surely hope you have not been ill.

We have had cool weather here with no rain so the grain isn't growing very fast. I have a little collection of flowers to send you but will have to wait til I go some place to get some news-print.

My garden is doing much yet. Altho the tomato plants are in bloom. Hope they don't get frosted. I have a little corner for wild flowers but they don't stay in bloom long.

Am enclosing an article from the paper that I thought might interest you. The town of Fossil Oregon is about ninety miles from here. We would like to take you over there if you get to come up in this part of the country this spring.

Trusting all is well with you.

Sincerely yours,

Cora Godfredson

We are all fine.

5-17-30. 319

Dear Mr. Jones.

Thank you so much for the letter while you were on your trip. Surely did enjoy it. Sounded like marvellous collecting. Some day I hope to see some of that country. This summer (August) a friend of mine is touring thru Zion & Bryce & Grand Canyons, then over to her uncle's cattle ranch in Texas - she wants me to go along - should I???

Did your hay fever leave? Hope so, it's a terrible nuisance.

Did you find any Collinsias? Some of those So.-eastern Arizona mts. have some that I want lots to see some good material of. Hope you found 'em.

I was at the lab the other evening but you weren't there. The gang said you had returned. I hadn't expected to hear of your return for some time yet. Maybe I'll get over again before school is out and I'll hope to see you then.

I'm not being extra spry these
days. My knee that has been such
an angel for about two years has
suddenly gone goofy & the doctor
says - oh, keep it bandaged & stiff
for about a month and we'll
hope it will be all right by then -
so I'm hobbling around again -
He says I can expect this to
happen every once in a while.
Encouraging, isn't it! But then,
think how lucky I am that
it isn't stiff all the time!

Don't know what I'm doing the
first part of the summer. Maybe
Alaska, maybe not. Still up in the
air. All I know is that I'm not
going to stay home all summer.
Where are you going next?
Surely you won't be in Claremont
all summer.

Will sign off and must drop
a line to Midge.

Sincerely,
Vesta.

M. Hildred 320

W. W. CAMPBELL,
PRESIDENT OF THE UNIVERSITY

May 22, 1930.

You should be returning very soon now from your jaunt in Texas. I surely enjoyed your letter from Del Rio with its descriptions of your trip. Now you will have enough to keep you busy for months, naming up all the plants you found.

Form LA-C-24b-15m-3, '79

I guess Hitchy and his roommate will have quite a trip this summer - collecting ought to be good. Don't you think I should go along with them to keep them out of mischief, & well fed? They need my gentle influence, don't you think? hah.

Don't know yet for sure what I will do this summer but there are several possibilities. There is a possibility that Leone and I will go to Alaska - or else take a bicycle trip somewhere. It would be too hot to go to Mazatlan by boat, wouldn't it? I mean it would be too hot there for any comfort.

M. Hilead
22-1-1930

W. W. CAMPBELL,
PRESIDENT OF THE UNIVERSITY

UNIVERSITY OF CALIFORNIA AT LOS ANGELES

ERNEST C. MOORE,
DIRECTOR

I will probably go with Dr. & Mrs. Miller somewhere for a few days. Also I may go on ~~the~~ ^a Sierra trip with some of the crowd from here.

The rest of the time I shall spend on Jahium, and with my family - want to take them somewhere for a few days or a week or two.

There isn't any news - everyone is tired out and cross and all busy making plans for Europe etc.

Form LA-C-24a-15a-3, '29

I hope your trip was as nice as
it sounded and that you were able to
avoid all tornadoes + storms.

Sincerely,

Nidge

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE

ADDRESS REPLY TO
THE FORESTER
AND REFER TO

RGZ



WASHINGTON

May 24, 1930.

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

Dear Professor Jones:

I would like very much, if possible, to obtain a copy each of nos. 15 and 16 of "Contributions to Western Botany." A stamped envelope is enclosed and I would be very grateful if you would tell me whether these are obtainable from you and, if so, at what price.

Thanking you very much for any attention you may give this request, I am,

Very sincerely yours,

W. A. DAYTON
Plant Ecologist,
In Charge, Forage Investigations.

(Enclosure)

2328-18th St

322

Bakersfield, Cal.

May 26, 1930

Prof. Marcus Jones -
Claremont, Cal.

Dear Sir -

Many thanks
for your nice letter. I shall
come down after school closes
June. 5, and do not need to
come on Sunday. I will write
or phone you, when I find I can

come. I should have replied
sooner, but had term papers. etc
to hand in, and was busy
with them. Hoping to have
the pleasure of meeting you
soon, I am

Very respectfully yours
Mrs Walter Osborn.

THE STATE COLLEGE OF WASHINGTON
PULLMAN, WASHINGTON

COLLEGE OF SCIENCES AND ARTS

IN REPLYING TO THIS LETTER
PLEASE ADDRESS
THE DEPARTMENT OF BOTANY
STATE COLLEGE OF WASHINGTON
PULLMAN, WASHINGTON

Prof. M. E. Jones,
Botany Dept.,
Pomona College,
Claremont, Calif.

May 26, 1927.

Dear Prof. Jones,

For several years now I have been making collections in the deeper part of the Snake River Canyon. In May every year I take a party of 50 of my students on a three day boat trip up the Snake 100 miles above Lewiston. The region has proven so interesting botanically that for the past two years we have been preparing a flora of the region. We are considering the canyon proper from Homestead down to Taplin a few miles below the mouth of the Grand Ronde. Aside from our very extensive collections and a few by Cusick, you seem to have been the only other botanist to have worked within the area. Your plants from Indian Canyon or Creek, Idaho, would be within the area. At present our list totals over 450 species, and contains some 30 new species. It is the richest collecting ground that it has ever been my good fortune to work.

I wonder if you would be willing to let us include your records from this area? We would be very much pleased if you could send us a list of your plants, giving the collection data for each. Then if some of them were near our critical species, perhaps you would be willing to lend us some of them for comparison.

Remember me kindly to Dr. Munz, and tell him that I am thinking a little of driving down into Calif. late in August.

Cordially,

Harold St. John.

Harold St. John
Assoc. Prof. of Botany, and
Curator of Herbarium

TEXAS AGRICULTURAL EXPERIMENT STATION

A. B. CONNER, Director

AGRICULTURAL AND MECHANICAL COLLEGE
OF TEXAS

W. H. DAMERON, SUPERINTENDENT
V. L. CORY, RANGE BOTANIST
ERWIN JUNGHERR, VETERINARIAN

SUBSTATION NO. 14

SONORA, TEXAS, May 31, 1930.

O. L. CARPENTER, SHEPHERD VETERINARIAN

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

Dear Mr. Jones:-

Your card dated at Alpine, April 26, was received by me at the New Mexico A. & M. College on May 1st. I was interested in your account of your trip up to that point. Mr. Fletcher wrote me that he was unable to get out any with you due to bad weather. Due to the unusually dry weather over the Trans-Pecos on up to that time he could not have shown you as much as ordinarily might have been the case; but it would have been well worth while to have made a little excursion with him anyway. He tells me now that he and Dr. Tharp of the University of Texas are to make a trip to the top of the Chisos Mountains this summer, which is a trip I should like to make too, but likely will not be able to do so.

I should be pleased to learn of your further itinerary in Texas. We took plant specimens between Big Spring and El Paso and at El Paso, where we remained nearly a week on account of that insecticide trial in which Babcock appeared as an expert witness. We tried to get across the Hueco Bolson to the Hueco Mts. but drifting sand but turned back after 15 miles out because of the drifted sand.

In Arizona we made plant collections on the valley lands of the Desert Laboratory and in Bear Canyon and Sabino Canyon of the Catalina Mountains. While many of the cacti were in bloom I made no collection of them, for there were enough of the other plants to give me all the material I could handle under the circumstances. I haven't studied this material, but the interesting features were a yellow-flowered lily, which Babcock calls the Mariposa lily, a shrubby legume with red flowers in heads and the plant almost of prostrate growth. It may be *Calliandra*, but does not appear to be the *C. eriophylla* of the Trans-Pecos, a pretty *Parosela* from Dragon Pass, a white-flowered *Escholtzia* near Willcox, Arizona, and species of *Astragalus* and *Lupinus* new to me.

In New Mexico we made collections in the Animas Valley as far as 50 miles south of Lordsburg, and in the Burro Mountains west of Tyrone. We got three species of loco in the Gila National Forest and a few other plants of some interest. We collected two burlap bags of flowering shoots of *Molina microcarpa*, including smutted ones, for testing out in connection with our studies on "bighead" in sheep and goats.

I had only a brief visit with Professor J. J. Thornber at Tucson, but had a longer one with Dr. Forrest Shreve of the Desert Laboratory. We got to Tucson at nine o'clock in the forenoon of April 26th, and left there the afternoon of April 28th. I had a visit with Professor Crawford at Mesilla Park, and found that he was not much of a taxonomist. He was telling his students that *Microrhamnus* was *Condalia spathulata*, and he was unable to place *Rhus microphylla*. I examined their herbarium for material of *Selenia*, and found one measly specimen of *S. aurea* from Missouri. Apparently no taxonomic work has been done there since Wootton and Standley went elsewhere.

31-V-1930

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Salviastrum

Did I hand you a reprint of my paper publishing Salviastrum dolichanthum while you were here? As I remember it, I did not, so I am enclosing two of these reprints herewith, one of which I wish you would hand to Dr. Munz.

If you traveled on to Odessa or Midland on your way to the Panhandle you must have collected a yellow-flowered crucifer of robust growth in the sand hills at and east of Monahans. I made several collections of this species, which is one I had never collected heretofore. Also in that same locality I collected a white-flowered Jatropha, which I presume to be J. stimulosa, but possibly this would be out of the range for that species. Just north of the sewage disposal plant at the eastern edge of El Paso in a wet depression in a flat of Distichlis spicata I collected a white-flowered Ranunculus, or what I took to be a species of that genus, but it is one that I have never collected heretofore. Well, I'll know more about these plants after I have given my material some study.

We enjoyed your visit with us immensely, and I got much good out of it in the way of the many helpful suggestions you gave me. I regret very much, of course, that circumstances were such that I was unable to associate with you in your exploration of western Texas, for I am certain we would have been of considerable mutual benefit to each other.

Can you refer me to a good or complete botanical description of Selenia dissecta Torr.? If you have material of this species in the Pomona herbarium I would like to enlist your assistance in checking up whether the Selenia we collected on our trip to the Baggett ranch last month is distinct from that particular species. If you have studied your material of this species will you kindly give me your opinion concerning the same. I feel fairly certain that the plant represents a distinct species, but I am altogether in the dark concerning Selenia dissecta Torr. At any rate I shall prepare a botanical description of this plant and send the same in to you for your criticism and opinion. At any time that I can reciprocate in any way I shall be pleased to do so, and I trust that you will feel free to let me know of such opportunities.

I have collected some of our prickly pear and this material inclined me to the belief that neither Opuntia tardospina Griffiths nor O. atrispina Griffiths are good species. Our material is neither, but is more or less intermediate, and I believe that this prickly pear should be given a good botanical description and these two merged into one good species that will permit one to know what plant he is seeing rather than to guess about which species it most nearly resembles. I will wait for mature fruit before completing the description of our prickly pear, but this is a tentative description relative to the spines:

Spines usually wanting in the lower areoles and frequently from all but the marginal or also a few upper ones, 1-4 ~~to~~ to an areole where present, and when more than one, which is usually the case, always markedly each one of unequal length, the smallest as small as 1-2 mm. and the largest as much as 7 cm. in length, spreading, frequently whitish throughout, but varying from yellow throughout for all the spines on young joints to brown and sometimes darker, even to black, towards the base.

As you may recall the joints approach the description of tardospina while the spines approach that of atriispina, but we have plants approaching both descriptions and as far as I can see only one real species involved.

Very sincerely yours,

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UNITED STATES DEPARTMENT OF AGRICULTURE
BUREAU OF PLANT INDUSTRY
WASHINGTON

BOTANY

June 18, 1930.

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

Dear Professor Jones:

I have your letter of June 7th and thank you very much for the copies of Contributions No. 13 and 16. As No. 12 is out of print I will look it up and copy off anything concerning grasses.

I am inclosing a check for \$2.00 to cover the price of the two Contributions sent.

Sincerely yours,

A. S. Hitchcock
A. S. Hitchcock, Principal Botanist
in Charge of Systematic Agrostology.

Office address: Smithsonian Institution.