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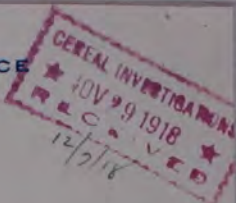
The Hunt Institute for Botanical Documentation, a research division of Carnegie Mellon University, specializes in the history of botany and all aspects of plant science and serves the international scientific community through research and documentation. To this end, the Institute acquires and maintains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

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

W.A. GUTHRIE, PRESIDENT
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E. M. WILSON
RICHARD LIEBER, SECRETARY
CHAS. C. DEAM, ACTING STATE FORESTER

STATE OF INDIANA
BOARD OF FORESTRY'S OFFICE

INDIANAPOLIS
Eluffton, Indiana
Nov. 27 1918



Mr. C. R. Ball,
Washington D.C.

My Dear Sir:

No doubt you never heard of me, and for an entire stranger to ask the great favor of you I am going to ask is rather unprecedented. Mr. W. W. Eggleston, and Mr. A. S. Hitchcock of your Dept. know me.

Our Board of Forestry has asked me to write up the woody plants of Indiana. In 1911, I wrote up the Trees of Indiana, and the proposed work is to be done in similar style, but to combine the trees, shrubs and vines. Each species is to be illustrated with a full page drawing, and the description of each species is to be quite complete, omitting such observations that require more than an ordinary hand or pocket magnifier.

Now it is my purpose to make this write up as near correct as I can. While I have collected botanical specimens in Ind. for the past 20 years, and am fairly well acquainted with our state flora, yet when it comes to some groups I am sadly deficient. For instance such genera as Salix and Crataegus. When I wrote the Trees of Ind. Mr. W. W. Eggleston contributed that part comprising the Malaceae.

The Willows have always been considered so difficult that I have neglected to collect them. During the past three years I have traveled over 18,000 miles in Ind. by Auto collecting and have had opportunity to have made extensive collections, but did not do it. I did not know that I would be called upon to write up the woody plants of the state. The Board is giving me two years which will enable me to do additional work the coming season. I now have 32 numbers of Salix not named. I have been sending my Salix to C. S. Sargent with other things, but he is so slow that under the circumstances I prefer to find some else to do the work if I can. I have determined quite a few myself, but I am never certain of my determinations.

Now I am going to ask if you determine my unnamed and unmounted numbers for me. You to retain a sheet of each? I would also like to have all of my mounted material checked up by you. For this labor I will gladly pay you. Then too if you could possibly undertake to write up the Salix for the proposed work, I should be pleased beyond measure. The reason I ask this is, as you know our literature is now burdened with the writings of persons who do not know. I have just recently completed a map catalogue of the plants reported for Indiana. I mark on the map every reported record. In doing this work, I was compelled to record some almost ridiculous records, which of course must be dealt with so that readers not familiar with our state and future generations may know the truth. So with the willows. I do not wish to make records that are false.

Now will you please let me know what you can do for me, if any thing. I enclose you a sheet ~~xxxxxx~~ giving you some idea of the willow flora of the state as reported, and the number of mounted sheets I have.

Sargent reported on two numbers I sent him-calling them Salix cordata var myricoides. I am not able to find this var. described. Is it a good variety, and where described. I never reported it.

Hoping you may be able to give me some assistance, I am very truly
Yours,

Eluffton, Indiana

Nov. 27 1918

Chas. C. Deam

List of *Salix* reported for Indiana.

23-21-13
from C.C. Deam

Salix alba L.
 alba var. caerulea (Sm.) Koch.
 alba var. vitellina (L.) Koch
 amygdaloides Anderz.
 babylonica L.
 candida Flugge
 cordata Muhl.
 discolor Muhl.
 discolor var. eriocephala (Mx.) Anderz.
 exigua Nuttall
 fragilis L.
 fragilis x alba Wimmer.
 glaucophylla Bebb
 humilis Marshall
 longifolia Muhl.
 longifolia var. argophylla ?
 lucida Muhl.
 missouriensis Bebb
 nigra L.
 nigra var. falcata (Pursh) Torr.
 pedicellaris Pursh
 pentandra L.
 petiolaris Smith
 purpurea L.
 rostrata Richards
 sericea Marsh
 syrticola Fernald.
 tristis Ait.
 viminalis L.
 (This list does not include *Salix longipes*, reported
 from Ohio Falls, Ind., Clark County Ind., by authors).

Total
 23 species
 6 varieties and hybrids.

27-XI-18
Mounted sheets of Salix in Deam Herb, and named are as follows.
All from Indiana. I also have many by exchange from other states.

from C.C. Deam

- 3 Salix alba
- 3 " var vitellina
- 4 amygdaloides
- 10 candida
- 5 Salix cordata
- 2 cordata var. myricoides-det. by Sargent but I never reported them
- 14 Salix discolor
- 1 " x ?
- 1 salix fragilis
- 1 " x alba
- 3 Salix glaucophylla
- 6 humilis
- 30 Salix longifolia
- 1 " var. argophylla? named by Sargent
- 13 salix lucida
- 1 " x ?
- 12 nigra
- 1 nigra x amygdaloides?
- 6 salix pedicularis
- 1 pentandra
- 14 Salix rostrata.... petiolaris smth
- 1 rostrata x humilis?
- 13 Salix sericea
- 2 sylvicola
- 4 Salix tristis
- 4 Salix undetermined.

Total

161

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In addition to the above I have about 75 mounted sheets from the northeastern part of the U.S. Also as follows:

- 1 from Mexico
- 1 From Guatamala
- 28 From western states, principally California
- 23 From Europe

~~xxxx~~ Also 32 numbers of unmounted and undetermined material.

THE DEPARTMENT OF CONSERVATION

STATE OF INDIANA

DIVISION OF FORESTRY
INDIANAPOLIS

CHARLES C. DEAM
STATE FORESTER

Bluffton, Ind.
July 26 1921



C.R. Ball,
Washington, D.C.

Dear Mr. Ball:- I am sending you by mail a package of Salix for your personal collection which contains 59 numbers if I have counted correctly.

I take it that all are quite common place, although I doubt if I have taken the same species from the same county before. At least I have tried not to duplicate.

The specimens are not as good as you might wish, but they are about as good as one can get without an extra effort.

Please send me a list of the names by number at your ~~earliest~~ *earliest* convenience. I do not mean to rush you at all. Take your time, but do not forget them. I am sorry I did not have time to take more this year. I plan to make a month's trip this fall, but I did not intend to take any Salix. It is not advisable to take only leaf specimens is it?, except it is known to be an unusual thing.

I do hope you had time enough to "catch" a few things this summer. I have hoped to hear of your coming through Ind. sometime, but I am still waiting. I will be in Bluffton the greater part of the time up to Aug. 25. I am at Indpls or in the field now about half of each week.

With best regards to you and family, I am very truly yours,

Chas. C. Deam.

Chas. C. Deam

THE DEPARTMENT OF CONSERVATION
STATE OF INDIANA
DIVISION OF FORESTRY
INDIANAPOLIS

CHARLES C. DEAM
STATE FORESTER

Eluffton, Ind.
Aug. 15 1921

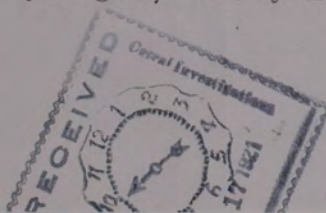
Mr. C. R. Ball,
Washington, D. C.

Dear Mr. Ball:—m Came in late last night and I found your letter with the determinations. I am surely very grateful to you for the work and for the great promptness. I am sorry that the lot did not show up any new or interesting, except to certify to the distribution.

Many thanks for offer to name leaf specimens etc. don't believe it will pay me to do so. Mounting paper is offered me at 17,00 per ream at Waverly Mass. This is getting to the point that a poor fellow like me can't afford to increase his herb. very fast. In 1916 I bought the same paper for \$6.10. This is almost 300% increase. Guess us foresters better get busy somewhere along the line. Looks like these fellows belong to the unmasked bandits. I have just placed my order of \$85.00 worth at this ~~extra~~ awful price.

If you get into this region be sure to call on me. Thanking you again, I am very truly yours,

Chas. C. Deam.



WILLOWS OF INDIANA, 1921

Collected by Chas. C. Peck

<u>Number</u>	<u>Species</u>	<u>County</u>
40,100	<i>Salix nigra</i> Marsh(not fragilis)	Jefferson
40,156	" " " (" ")	Harrison
40,194	" " "	"
40,258	" " "	Washington
40,271	" interior Rowl.	Switzerland
40,372	" nigra Marsh.	Dearborn
40,481	" bebbiana Sarg.	Porter
40,499	" " "	Lake
40,500	" (hybrid)	Lake
40,501	" lucida intonsa Fern.	Lake
40,502	" interior Rowl	Lake
40,508	" petiolaris J. E. Smith	Lake
40,584	" bebbiana Sarg.	Cass

THE DEPARTMENT OF CONSERVATION

STATE OF INDIANA

DIVISION OF FORESTRY

INDIANAPOLIS

CHARLES C. DEAM
STATE FORESTER

Eluffton, Ind.
March 25 1925

C.R. Ball,

Wash.D.C.

Dear Dr. Ball:—Today I received the most scathing letter from Heimlich in regard to the Galix missouriensis business. He wrote me for a copy of the book some time ago and in his letter I found it necessary to reply. In so doing I knew he would certainly see your write up of his S. missouriensis, and I told him while your language might sound rather harsh or words to that effect, that I knew you meant nothing of the kind because I "knew you to be a very fine fellow". Well the way he comes back at both of us, ^{is} like a peeved kid.

I do not intend to make a fight out of this but I want to write him a letter that will settle him. He is all right but he is young and seems to have made "no mistakes". Well by the time he is as old as I am he will be different. I shall be glad to forward ^{his} letter to you if you care to read it. Now my recollection is that when this willow business started, is that I wrote Heimlich for his specimens of S. missouriensis, and that I wrote to you to that effect. Well Heimlich never replied to my request. Now I never take a copy of my letters, so I am trusting my memory only. Now what I would like to know of you is if I ever wrote you that I would request the loan of Heimlich's specimens or not. If I did then he has not so much ^a kick coming. I just read what you said in this write up, and I can not see any thing wrong with it. Of course you could have written it in a very uncertain matter and tried to disguise every thing. But I see your view point. We all make mistakes, and to frankly call attention to such

a mistake is no crime. You came out and told the truth in plain English and I am ceratin you never thought of wounding the young's dignity, or expected to to injury his professional career. Now the facts are Heimlich has made other mistakes, and so far as I know he is not able to lay them to any one else. Well probably I should not bother you with this, but I want to throw a "wrench" into the works to keep things from getting monotonous.

Well I am wintering through, and I am now planning to be in the field much of the summer. My first trip will be through southern Ind, and I will get to make a trip in northern Ind. about June 15.

If convenient let me hear from you at once, if I ever wrote you I would write Heimlich for his S. missouriensis and greatly oblige.

Most sincerely yours,

Chas. C. Deam.

Chas. C. Deam.

April 2, 1925.

Mr. Charles C. Deam,
The Department of Conservation,
Division of Forestry,
Indianapolis, Indiana.

Dear Mr. Deam:

Your letter of March 25, concerning my discussion of Heimlich's supposed Salix missouriensis, is received and I am sorry that I got you into trouble by my use of plain English. Unfortunately for me, I never learned to be a diplomatic ~~lover~~ when I was young and, now that I am old, I cannot depart from the ways of a youth. Unquestionably, I could have been more diplomatic in the way I put my statements.

Regarding your request as to what you wrote me about this matter previously. I have looked through my file of correspondence and find the following:

On April 14, 1924, you comment on my statement that missouriensis had not been reported for Indiana, and call to my attention the report of its occurrence made by Heimlich in 1917. You asked me to send you a corrected paragraph covering this matter. On April 18, I wrote you as follows:

"I will look up the record of Heimlich for Salix missouriensis. If you know where he and his specimen are at, it will be very desirable to get it and let me have a look at it if this can be done conveniently. That will be the only way in which I will ever know what he had."

In my letter of April 24 to you I state:

"I looked up the paper by Heimlich. He seems to have known that he had cordata instead of missouriensis because he gives cordata and all the rest of the names as synonyms. His illustration is good cordata and it has not been found inland but only along the Mississippi and the very lower regions of the Ohio in the eastern part of its range. I did not seem to be able to find longifolia argophylla Sargent, but if I can, I will discuss it adequately. There is not any such variety anyway, because all longifolia is more or less hairy when young and the new leaves on plants defoliated by sawfly larvae are always densely silvery silky but are not thereby a new variety."

replying to mine of Apr. 18,

In your letter to me on April 25, you write as follows:

"I wrote Heimlich to send you his specimen of Salix missouriensis, and the remainder of his willows for identification. He may do so. Now I did not mean to obligate you to determine all of his willows, but I thought by making this statement that he would send the one wanted, and if you do not have time to determine the remainder tell him so, etc. If he does send them please advise me at once of your finding. If Salix missouriensis is with us, write a description for it, also include a change in key, and I will incorporate it. If he does not send it, will what I say in excluded species be satisfactory? I will send you a copy of what I say about excluded Salix."

On April 26, after you had received my letter of April 24, you wrote as follows:

"Just received the excluded species and your letter. Many thanks. I am joyed over the fact that you have written the excluded species. You have handled Heimlich just right. In a way I would not have dared to do, as I am not a free lance in this case as you are. Heimlich has been causing me more trouble than any one by prematurely reporting things. I think I now have him under control. When he now finds something "new" he submits it to some authority, and that he must be careful. I expect I "spilt the beans" when I told him to send you his Salix missouriensis. Well if he does we can insert, if it must be done, on galley that you have seen the specimen, etc. Well I have just referred to Proc. Ind. Acad. Science where Heimlich reported that var. argophylla, and I find I am in it bigger than Heimlich. It (the report) was based on my specimen which Sargent determined. I have just referred to my specimen, and I find that you have seen it, and have remarked that it is the "result of the sawfly", so that settles the business."

From this correspondence, it seems that you wrote to Heimlich and asked him to send me this material for review but that he never sent it. I have looked in my letter file and find that on October 27, 1922, he sent me four determinations of four specimens or, at least, material under four numbers collected in White County in the spring of that year. On examining the material, I found seven different willows represented two under each of three numbers. Two of the specimens represented cordata. I returned the material to him in order that he might see exactly what he had. I gave him also the names of four other species, which you had collected in that county, and told him I was preparing the chapter for your book. He replied on November 15, giving me a list of the species which he had collected in White County. This list included missouriensis and what he calls longifolia argophylla Sarg., which he stated had been collected by you and determined by Sargent.

He added "Perhaps it will be well for me to send you the specimens forming the basis of the above identifications. They are mounted specimens and I wish to have them returned since I believe I have no duplicates."

I replied on November 20 as follows:

"It is quite probable that the first five species are correctly identified. It is fairly certain that what has been identified as missouriensis is really cordata, as I have never found the former species so far east. The form of the sand bar willow identified by Sargent as variety argophylla, doubtless is either the normally hairy juvenile stage of interior, or is the phase which occurs when the larvae of sawfly have eaten all the leaves off and the new crop are produced later in the season. Invariably, these new leaves will be densely silvery pubescent."

"I will be glad to receive your material and to return it promptly to you with identifications made to the best of my ability."

There is no further correspondence, and I am very positive that the material was never received. If there is anything more I can do in this connection please let me know. The epitaph which I have selected for my tombstone reads: ~~For~~^{He} the dearly loved a scrap."

Very sincerely yours,

Carleton R. Ball,
Senior Agronomist in Charge.

CRB/AJM

Deam, Charles C.
Flora of Indiana, Indiana State Dept. Conservation,
Indianapolis. 1236 p., frontispiece, numerous maps. 1940.

Salix p. 354-365, 21 maps.

(No copy in Ball Archives - W.A.Archer)

"Protect, Improve and Use the Forests of Indiana"

STATE OF INDIANA
THE DEPARTMENT OF CONSERVATION
DIVISION OF FORESTRY
INDIANAPOLIS

RALPH F. WILCOX
STATE FORESTER
CHARLES C. DEAM
RESEARCH FORESTER
JOSEPH F. KAYLOR
ASSISTANT STATE FORESTER

Bluffton, Ind.
Sept. 19 1931

Dear Mr. Ball:- I have your letter of Sept. 14 and in reply will say happily you are not too late. My Tree Book is now in the "hopper" and that will give printer a job for awhile. I am leaving Monday morning for a 3 week trip which will conclude my field work for this year. I may be back sooner if the weather gets too cold or botanical work is fruitless. The first thing I plan to do on my return is to finish the Shrub book for the revision. In fact it is all done except the willows and roses. I had Mrs. Erlanson go over the genus Rosa. I want every thing as near correct as I can as this will be my last time "at the bat".

Probably I will get to see you at the New Orleans Meeting. At any rate best wishes to you in your new work which is to most of us a long way from here, except you fly and have the price and courage.

I shall make all the corrections you suggest and I am mighty glad to get them.

I am sincerely yours,

Chas. C. Deam.

Chas C Deam

P.S. If you chance upon any more correction or suggestions please send them and they will be entered.

Deam.

(over)

Mr. Charles C. Deam,
State Forester,
Bluffton, Ind.

November 27, 1931

Dear Mr. Deam:

Your letter of Sept. 19 came duly and really needs no reply, but I am writing just to say that I will not be at the New Orleans meetings as I shall not be through here by that time. It apparently will take me until the end of January to finish this job. Have no other in sight at this time so shall go back to Washington then if nothing intervenes. Whenever you are coming down to the Capital city let me know and I'll be heap much glad to see you. The address is 3817 Jocelyn St., N.W.

I want to congratulate you on what you have been able to do in Indiana in these years of your official service there. It is a great monument to leave behind. Am glad to have had a little touch with it.

Am trying to get the run of California and Alaska willows while out here. There are more than thirty species in each and many varieties. Several new. We have collected some 300 sets this season, big and little and added at least one species to the State flora. Won't have time to finish up before I leave.

With personal regards and best wishes to you and yours,

I am, Most cordially,

Carleton R. Ball,
Research Associate in Federal-State Relations
in Agriculture and Natural Resources.

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Program Plan. Div.

STATE OF INDIANA
CONSERVATION DEPARTMENT
DEPARTMENT OF PUBLIC WORKS

Board

Governor Paul V. McNutt
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Virgil M. Simmons
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INDIANAPOLIS

Bluffton, Ind.
March 30 1936

Administrative Officer
V. M. Simmons

Dear Mr. Ball:--Many thanks for the speerates you were so kind to remember to send me.

I hope you are O.K. in these strenuous times. I am about to the limit of my strength but I am hoping I will be able to complete my Flora of Indiana. It is almost done, still have Helianthus and Solidago to write and a lot of holes to patch up.

I want to send you a gratis copy if it is ever published and I have a list of such names. Will you please send on postal card you permananet address. I am hoping to get my Ms. to printer by Jan. 1 or before

With my very best wishes, I am sincerely yours,

Chas. C. Deam.

(over)

Program Planning Division

June 7, 1936

Mr. Charles C. Deam,
Bluffton, Indiana

My dear Deam:

I am scandalized to find that a letter you wrote me in March apparently has had no acknowledgement.

Sorry to know that you haven't all the pep that you once had but that may happen to the best of us. I also will be delighted when you get you Flora of Indiana done. I know how long and faithfully you have worked on it and how much the apple of your eye it has become.

But dont waste any free copy on me. I am not a botanist, as you know, and find less time than ever for the willows since I took up this coordinating job. However, I do get in a lick on them once in a while yet.

You inclosed six cents in stamps in your letter, for reasons not apparent. Here they are and dont send 'em back.

Am going on to my 40th anniversary of graduation at Iowa State College this week, leaving here Tuesday. Will cross Indiana and thin k of you en route.

With all good wishes, and regards,

I am most cordially,

Carleton R. Ball

RECEIVED
JUN 10 1936
BLUFFTON, IND.
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DEPARTMENT OF PUBLIC WORKS
CONSERVATION DEPARTMENT
DIVISION OF INDIANA

STATE OF INDIANA
CONSERVATION DEPARTMENT
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INDIANAPOLIS

Administrative Officer
V. M. Simmons

Bluffton, Ind.
Jan. 13 1938

Dear Mr. Ball: Thanks for the separate on Salix of the South. I shall not be very complimentary to you or myself. I guess I am just too dumb to name the specimens I send. When you went to California I lost track of you and I never thought I again would ever ask you to name Salix for me. So this past winter I collected only one sheet of each number. Now I divide the sheets and send you the "best half". Hope the material will be sufficient for determination.

The two Salix I collected in a ditch along the railroad a Moore Haven I thought to be the same thing, pistillate and staminate yet the leaves are not alive by any means. One is green beneath and the other paper. You know how Salix will vary. I do not so that is where I give up.

I am now busy reading the Flora of Indiana (proof) and when the book is off the press then I resign. If health and other things go right we plan to spend next winter after the Columbus Meet in Florida or we may go to se. Texas. Any old place to get out of this cold. I have very low blood pressure and I am an icicle all the time.

Will you report me the names by number at your convenience. No hurry. If we go south again do you wish me to gather specimens for you?

As to the Franklin County (Brookville) Salix longipes, I will try to run down there some day and see if I can find it in flower. It is only 100 miles down there by auto road.

Best wishes, I am sincerely yours,

Chas. C. Veam, Bluffton, Ind

(over)
(See 6)

Address:

3814 Jocelyn Street, N. W.

January 17, 1939

Mr. Charles C. Dean,
State Forester, Bluffton, Ind.

Dear Mr. Dean:

Your letter of Jan. 13, and the packet of *Salix*. I find awaiting me at home tonight. I found also a three cent stamp enclosed with your letter, which made me say cusswords. Dont ever send me reply postage. I owe you altogether too much now.

I have just written to Weldon Boone about that specimen of *S. longipes* Wardii from Brookville. I have asked him to give you the fullest possible information as to just where and what it was, so that you may be able to find the exact spot. I do not know his address so have sent the latter in care of Prof. Earl L. Core, Dept. Botany, Univ. of West Va., Morgantown, and asked him to forward it. I inclosed an envelope addressed to you so as to make it as easy as could be for him.

Your five specimens from Florida are all *Salix longipes* Shuttleworth. There were three specimens from Winter Haven (instead of two). They are No. 58613 and 58614 (both staminate), and 58615 (pistillate). Some of these may be the variety *venulosa*, if anybody ever finds out what that variety is. I dont know.

All three of the numbers cited above have young leaves just developing, and all these young leaves are paler beneath, not green. One of the staminate specimens (No. 58613) has some of the full-grown old leaves of 1937 still attached. The twig and these old leaves are the seasonal shoots of the autumn of 1937. These old leaves are fairly green beneath but this is because they are leaves of the previous year and have weathered and lost part of the whiteness beneath.

Now I note that you collected only one sheet of each and have sent me the "better half". This is all wrong. You should have them and I am going to send them back to you. Before I ship them, however, I want to tell you frankly that I would like to keep the specimen just discussed (No. 58613) because of the fact that it has carried part of the old leaves of 1937 until Feb., 1939, when flowers and new leaves were developing. I have not seen this before in *S. longipes* although it occurs rather commonly in the related *S. laevigata* in Southern California.

If you have a fairly good specimen of that number left, I really would like to keep this one. If you do not have a good one left, I'll return it too, but may photograph it first. The others I will send back anyway, as soon as I hear from you.

Cordially Yours,

Carleton R. Ball

STATE OF INDIANA
CONSERVATION DEPARTMENT
DEPARTMENT OF PUBLIC WORKS

INDIANAPOLIS

Administrative Officer
V. M. Simmons

Board

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Dick Heller
Earl Crawford
Thurman A. Gottschalk
George H. Newbauer

Bluffton, Ind
June 27 1939

Dear Mr. Ball: The good news of the willow new to Indiana comes late but I plan to use it if you consent. The Flora is now in the page proof and still in my hands so I have "Starred" *Salix sericea* Marsh * and added this footnote:

After the Flora was in page proof C.R. Ball wrote me that a restudy of my willows shows that *Salix subsericea* (Anders.) Schneid. (*Rhodora* 11: 12. 1909.) occurs in Indiana in Allen, Kosciusko, Lake, La Porte, and Starke Counties. Now if the above does suit you will you please inform me at once and greatly oblige. The wording can be changed to suit you. Please note I do not use Mr. Dr. or Prof. These have been not used in the Flora with very few exceptions. Whenever I include a species in the Flora and it is not given in Gray's Man. or in B. & B. Illus. Flora, I cite where the species was published. This to enable readers to find what the description of the species is like.

I am sorry the data came too late to include in the text but there will always be something undone. By the way I have several unmounted *Salix* without labels as yet but I have the accession nos. on them and the first time I get a chance I will send them all to you to keep. They are all narrow-leaf form of some species which you did not wish to recognize at the time. May be I sent them to you. I looked at the old place I had them and I do not find them. I have just recently reorganized my herbarium and my memory does not serve me as it used to ^{so} I get things lost, etc.

When the Flora of Indiana is done, my botanical writings have ended, except I may sometime write a short paper on botanical notes.

Now I wish to thank you for the information and let me know if all is O.K. By the way, I collected a few nos of *Salix* this spring which I must

iving to get the Flora off the press before Christmas so I can go to
orida after the AAAS Meet

Best wishes, I am sincerely yours,

Chas. C. Deam

Bluffton, Ind.

Digitized by Hunt Institute for Botanical Documentation

33738 Elk hart G

June 28, 1939.

Mr. Charles D. Dean,

Bluffton, Indiana.

Dear Mr. Dean:

Your letter of June 27 is just here. I am more than ever sorry that I did not think about *S. subsericea* sooner. You probably wrote me that you were revising your volume. I should then have looked at the original edition with care and would have discovered that this species was not included. I began to recognize it just after your volumes were published.

Your proposed footnote is wholly satisfactory to me but I can give you one addition. I immediately looked through all the Indiana material and believe that your No. 33738 from Elkhart County must be added to *S. subsericea*. This gives you one additional county.

I will be glad to name your additional material at any time, but please do not send me any more stamped envelopes.

With best regards, I am

Cordially yours,

Carleton R. Ball,
Executive Secretary,
Coordinating Committee

STATE OF INDIANA
CONSERVATION DEPARTMENT
DEPARTMENT OF PUBLIC WORKS
INDIANAPOLIS

Administrative Officer
V. M. Simmons

Board
Governor M. Clifford Townsend
Lieut.-Gov. Henry F. Schricker
Virgil M. Simmons
Dick Heller
Earl Crawford
Thurman A. Gottschalk
George H. Newbauer

Bluffton, Indiana
Nov. 26 1939

Dear Mr. Ball: I am cleaning house and I run across a few sheets of Salix
collected last May. You may recall that some one found Salix longipes
near Brookville. I was in that vicinity and and I did collect a few
numbers. That was the only day I was out last spring and I was all
"dressed up" so I did not venture out much. Put on gum boots and made
a little excursion for that willow but I do not think I found it.

I am not sending stamp for reply. You called me twice on this point
and I got it the "second time". Well you report at your convenience.

Well I presume you wonder if the Flora of Indiana is dead. Well about
so. Our State Printer works at it when he has nothing else to do. There is
no stipulated time for finishing the job. I get so angry I can scarce
hold myself. Once it was 3 mos before I got any thing. It is now in the
second run of page proof and is so poor it must be thru another run.
You have had ample experience with printers but none like this. I got my
first proof early last Dec. Well I only hope I can live to see the
finished book. You may recall the Salix subricea (Anders.) Schneid. Well
I wrote you I would make a foot note in the page proof because at that
time I had the galley. Well sir I am not now certain if I did make the
change in the page proof or not. If not I will make it in the second run.

Hope to see you at the AAAS. at Columbus Ohio. Best wishes, I am
sincerely yours,

Chas. C. Deam,

Bluffton, Ind.

December 5, 1939

Mr. Chas. C. Deam,

Bluffton, Indiana.

Dear Mr. Deam:

On my return to Washington I find your letter of November 26 and packet of salix specimens from Franklin County. The list of determinations is as follows:

59331 S. interior

59331A S. cordata Muhl

59332 S. cordata, probably angustata And. (2 sheets, long pedicels)

From the list you will note that you did not find *S. longipes Wardii* but I suspect that it is very local in its occurrence and under the conditions mentioned in your letter it would have been a miracle had you found it.

The more mature specimens of your 59332 have very long pedicels under the capsules. I think you called to my attention some years ago other collections showing similar pedicels. There is a considerable variation in this regard in specimens of cordata from over the country. It also seems to be true that the pedicels in cordata and related species elongate more during the maturing process than those of many other species. As you will note from this collection, most of the aments show short pedicels but those most completely mature show the long pedicels.

I am sorry that you are having trouble with the printer on your Flora of Indiana. I think there once was a song which said "Nobody knows the trouble I've Got" but after those I had with the University of California press I think I get the gold medal for printer troubles. I hope that you can wangle a footnote for *S. subsericea* in the final run of proof.

- 2 -

I am tied up here with meetings of the American Political Science Association and therefore will not be attending the meetings of the AAAS at Columbus. However, that is no reason why you should not stop off and see me on your way to Florida and way stations.

Cordially yours,

Carleton R. Ball,
Executive Secretary

CHARLES C. DEAM

BLUFFTON, INDIANA

July 2 1946

Carleton R. Ball

Washington, D. C.

Dear Dr. Ball: "A long time between drinks" but we should both be glad we ~~could both be glad~~ we are alive. I note you were born in 1873 while I was born Aug. 30 1865. I hope your health is O.K. I am now hard of hearing and my eyes are going bad. Now I can scarcely see to read newspaper print and I use a reading glass, but my eyes fatigue in a very short time. So last winter wife and I went to Florida (Sebring) and spent 3 mos., hoping to improve them but failed. While in Florida (we had our own auto) I worked the area about Sebring for plants. I was able to find a few Salix and I am taking the liberty of sending a set (probably 7 numbers) to you for identification. I collected in all 661 nos. of plants circa Highlands County.

I presume your son Robert was in the War. If so I hope he came home safely. I have three grandsons and the oldest volunteered for the navy.

He was ^{on} a destroyer but had no trouble at all. In all their trips they were never attacked.

Well Ball you surely have had a very useful life which is a great credit to you and the U. S. I become somewhat disturbed at the quality of persons in high places in our country. We need men of ability and honesty in our government. When I read about government blunders and dishonesty I wonder when and how are we to have a change. My physical health now places me in the past. I hope you can still carry on. I am still interested in the Indiana Flora and I have ^{recently} made three trips with Prof. Friesner and Dr. Potzger to show them the stations for rare plants. I can no longer drive an auto so I am through. / You take your time to report on the Salix which I know are just more willows but may be some will be new stations. I sign off with my very best wishes to you.

Sincerely yours *Chas C. Deam.*

Chas. C. Deam, Bluffton, Indiana.