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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.

FIELD MUSEUM OF NATURAL HISTORY
CHICAGO

Grain Investigations
RECEIVED
JAN 24 1908

Jan. 21, 1908.

Mr. Carlton R. Ball,
U.S. Department of Agriculture,
Washington,
D.C.

My dear Mr. Ball:

I am sending to you under separate cover
a few duplicate specimens, chiefly willows. Some of
them are undetermined, and if you can give me the
specific names of those specimens which I have marked
① ⑧ I should be greatly obliged. Thanking you in

advance, I am

Very truly yours,

msf
1-24-08

J. H. Greenman

Small's Lancaster, Willows - 1889-90.

- | | | | |
|----|-------------------|-------|---------------------------------------|
| 1. | <i>S. sericea</i> | Marsh | } incl. one twig of cordata or hybrid |
| 2. | " <i>cordata</i> | Muhl | |
| 3. | " <i>sericea</i> | Marsh | |
| 4. | " <i>nigra</i> | " | |
| 5. | " <i>sericea</i> | " | |
| 6. | <i>discolor</i> | Muhl | |
| 7. | " | " | |
| 8. | " | " | |
- and 4 others

One of smalls, sent as *S. petiolosus* = *S. sericea*
Pattersons 23 " " = *S. peltata*

2/29/08

Dr. J. M. Greenman,
Department of Botany,
Field Museum of Natural History,
Chicago, Ill.

My dear Dr. Greenman:

Some little time ago I had the honor to request, through the Division of Plants of the Smithsonian Institution, the loan of certain covers in the *Coriaria* section of the genus *Salix*. Dr. Rose, of the National Herbarium, has just called to my attention a letter from Dr. Skiff, asking for fuller information concerning the manner in which we wish this material shipped. Dr. Skiff suggests that in view of its value and the amount requested, it would better be shipped in 3 or 4 different packages at different times, to guard as far as possible against loss in transit, through the wrecking of the train or other cause. I have asked Dr. Rose to use his own judgment as to the method in which he suggests this should be sent.

Most such material, coming through the Smithsonian for my use, is sent under frank, which necessitates of course that individual packets weigh not over four pounds each. I think this material could be so sent with entire safety, as similar specimens from the Gray Herbarium and Geological Survey of Canada, Rocky Mountain Herbarium, Herbarium of the Iowa State College and Herbarium of the Missouri Botanical Garden have come to me from time to time.

Dr. Skiff suggested that the specimens asked for would number between 300 and 400. I do not recall accurately but my impression was that there were scarcely more than 300 all told, which would not require very many packets to send them safely by franked mail. They could also be sent by express in safety.

I shall be very glad indeed to secure this material. You probably know I am trying to elaborate this difficult section of the genus, and was unable to find sufficient time to study all the material during my recent visit to Chicago.

I shall of course be very glad at any time to determine any undetermined material that may accumulate in the Herbarium of the Field Museum of Natural History. I have worked for several years on the Rocky Mountain and western material, and have special facilities for handling this promptly. The ^{last} ~~last~~ material I have not handled to any extent, as Prof. Coville has very carefully studied the species occurring in that section of the country and I have been very glad to be free from the necessity of worrying over the Arctic species.

Very sincerely yours,

RMK.

Agronomist.

FIELD MUSEUM OF NATURAL HISTORY
CHICAGO

msd 3-23

March 4, 1908.

Mr. Carleton R. Ball,
U. S. Department of Agriculture,
Bureau of Plant Industry,
Washington, D. C.

My dear Mr. Ball:

Your letter of February 29th, regarding the shipping of the specimens of *Salix*, is at hand. I find that we have not franks to send the material by franked mail; hence it seems advisable to send it immediately by express "collect". The specimens are packed in four packages and will doubtless go in two separate sendings.

We are always glad to have the Museum herbarium specimens placed in the hands of specialists, and I trust you will feel free to request material in any group on which you may chance to be working.

Yours very truly,

J. M. Greenman,

Assistant Curator of Botany.

THE MISSOURI BOTANICAL GARDEN

ST. LOUIS

OFFICE OF THE DIRECTOR

March 27
1924

Doctor C. R. Ball,
Bureau of Plant Industry,
U. S. Department of Agriculture,
Washington, D. C.

Dear Doctor Ball:

Your letter of March 20th addressed to Doctor Moore is referred to me for reply. The package containing duplicate specimens of willows is received. We are very glad to add these specimens to the Garden Herbarium. Please accept our thanks for them.

Sincerely yours,

J. M. Coulman
Curator of Herbarium.

JMG:MB



THE MISSOURI BOTANICAL GARDEN

ST. LOUIS

OFFICE OF THE DIRECTOR

January 5, 1926

Dr. C. R. Ball,
United States Department of Agriculture,
Washington, D. C.

Dear Dr. Ball:

I found your note of New Year's day when I reached the Herbarium on Saturday morning. I am sorry that I did not know that you would be here for otherwise I would have planned to meet you.

Many thanks for the annotations which you kindly made on the several sheets of willows.

Sincerely yours,

JMG K

J. M. Coulman
Curator of Herbarium



April 13, 1940

Dr. J. M. Greenman,
Director, Missouri Botanical Garden,
St. Louis, Missouri.

Dear Dr. Greenman:

In about three years I expect to begin preparation of a monograph of American willows. For Mexico, Central America, and South America, material is relatively scanty and our knowledge of distribution is very incomplete. For Mexico, several mountain species are incompletely known because of scanty and imperfect material. Several lowland species are more completely known but knowledge of distribution is not sufficient.

In Central and South America only one species, *Salix Humboldtiana*, occurs but in two or more varieties. It has been widely planted in and about towns and ranches and the chief problem is to determine its distribution as a wild plant.

Practically all willows can be determined from foliage specimens only. Collections may be made, therefore, at practically any season of the year. Flowers and/or fruit are very desirable, of course, but foliage collections will show distribution.

If the University is sending any expeditions to Mexico and/or southward, I will be glad if you will bring this matter to the attention of the botanists. If you know of institutions or private collectors who are going to that area but not as parts of expeditions, I will be glad if they may be informed and requested to help out. You can send me names and addresses and I will take the matter up with them direct.

I am sending this letter to several institutions in the hope that much can be accomplished within the next three years or thereabouts.

Appreciating your cooperation and with personal regards, I am

Cordially yours,

Carleton R. Ball,
Executive Secretary

MISSOURI BOTANICAL GARDEN

ST. LOUIS

OFFICE OF THE DIRECTOR
2315 TOWER GROVE AVENUE

CABLE ADDRESS
"MOBOTGARD"

May
twentieth
1941

ARBORETUM, GRAY SUMMIT, MO.
REPRESENTATIVE IN TROPICS,
BALBOA, C. Z.
REPRESENTATIVE IN EUROPE,
HOVE, SUSSEX, ENGLAND

Dr. Carleton R. Ball
Extension Service
U. S. Department of Agriculture
Washington, D. C.

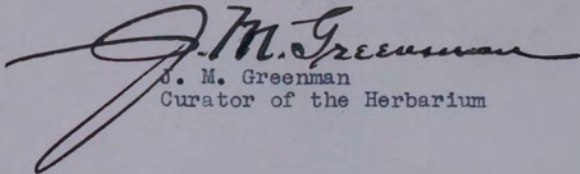
Dear Dr. Ball:

In response to your request in letter of May 13, 1941, the Missouri Botanical Garden Herbarium is forwarding to you today, by express collect, a box containing 306 specimens of Salix amygdaloides and S. nigra. This material is loaned to the U. S. Department of Agriculture, Extension Service, for your study.

For your convenience in checking the specimens on their receipt as well as on their return, I have enclosed herewith a complete inventory of the numbered sheets constituting the loan.

Trusting that the material will reach you promptly and in good condition, and hoping that it may be useful to you in solving your problem, I remain

Sincerely yours,


J. M. Greenman
Curator of the Herbarium

JMG:MN

MISSOURI BOTANICAL GARDEN

ST. LOUIS

OFFICE OF THE DIRECTOR
2315 TOWER GROVE AVENUE

CABLE ADDRESS
"MOBOTGARD"

ARBORETUM, GRAY SUMMIT, MO.
REPRESENTATIVE IN TROPICS,
BALBOA, C. Z.
REPRESENTATIVE IN EUROPE,
HOVE, SUSSEX, ENGLAND

December
First
19 41

Dr. Carleton R. Ball
Extension Service
U.S. Department of Agriculture
Washington, D. C.

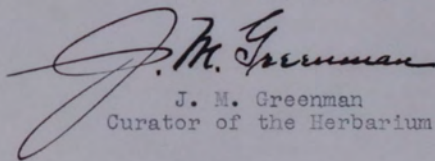
Dear Dr. Ball:

This will acknowledge the return in good condition of the 26 specimens (herbarium sheets) of *Salix* which were loaned to the U. S. Department of Agriculture on November 13, 1941 for your study. Please accept our thanks for your annotations.

We have not yet found the original specimen for type of *Salix floridana* Chapman. If we succeed eventually in locating this specimen it will be forwarded to you.

With kind regards, I remain

Sincerely yours,


J. M. Greenman
Curator of the Herbarium

JMG:VER

December 18, 1941

Dr. J. M. Greenman,
Curator of the Herbarium,
Missouri Botanical Garden,
St. Louis, Missouri.

Dear Dr. Greenman:

In further reference to our correspondence regarding the type material of *S. Floridana* Chapman, I now have received an isotype from the Torrey Herbarium through the New York Botanical Garden. This proved beyond any question that *S. Floridana* is a distinct species unlike any other known from the southern United States. The leaves, while relatively small, as would be expected on a heavily fruiting branchlet, correspond in every other detail with those of Harper's No. 1381 from Pulaski County, Georgia, which you also have. I can now proceed confidently to prepare a manuscript clarifying this muddled situation.

I earnestly hope that you find Chapman's original specimen and that I may have the privilege of seeing it some day. I wonder if there is any possibility that it was loaned to the Arnold Arboretum in 1917 or 1918 while Dr. Schneider was working there as an interned enemy alien during World War No. 1. One of his early publications deals with the groups of willows which include *S. longipes* Shuttleworth and therein he listed *S. Floridana* as a synonym of that species. He was completely unfamiliar with American willows, was working under terrific pressure to produce a manuscript per month, and was greatly disturbed mentally through being interned and unable to support his family in Germany. It is no wonder that his early work was not of high quality. His annotation label is on the isotype specimen from the Torrey Herbarium and it seems hardly likely that he would have obtained the type also, but it is just possible.

Cordially yours,

Carleton R. Ball,
Executive Secretary

March 17, 1942.

Dr. J. M. Greenman,
Missouri Botanical Garden,
St. Louis, Missouri.

Dear Dr. Greenman:

I have just sent you a half dozen reprints, including an extra photograph of Dr. W. A. Setchell, in addition to the one in the paper entitled "Dr. Setchell and Alaska Willows."

For several years I have been sending my willow reprints to men like yourself who represent the taxonomic activities of institutions which maintain botanical libraries. I have not been adding these papers directly to the libraries themselves. I am just now writing to such individuals asking whether these reprints have been retained in their personal collections or whether they have been deposited in the botanical library of the institution. I will be glad to know what has been the practice in your own case. If you have retained these reprints, is it desirable that another set should be sent to the library of the Missouri Botanical Garden? Most of the older papers are no longer available, but recent and future issues could be sent.

Cordially yours,

Carleton R. Ball,
Executive Secretary

MISSOURI BOTANICAL GARDEN

ST. LOUIS

OFFICE OF THE DIRECTOR
2318 TOWER GROVE AVENUE

CABLE ADDRESS
"MOBOTGARD"

ARBORETUM, GRAY SUMMIT, MO.
REPRESENTATIVE IN TROPICS,
BALBOA, C. Z.
REPRESENTATIVE IN EUROPE,
HOVE, SUSSEX, ENGLAND

March
Twenty-Fourth
19 42

Dr. Carleton R. Ball
Extension Service
U. S. Department of Agr.
Washington, D. C.

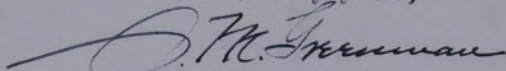
Dear Dr. Ball:

Please accept my thanks for the several reprints which you sent recently to me. I have turned these over to the Garden Library, as I have done frequently with publications addressed to me personally. I think I can safely say that the Garden Library has a fairly complete representation of your published papers.

The extra photograph of Dr. W. A. Setchell I have retained for the herbarium collection of photographs of botanists. By the way should you have an extra photograph of yourself I should be glad to have a copy for this collection.

With kind regards and thanking you for the reprints sent, I remain

Sincerely yours,



J. M. Greenman
Curator of the Herbarium

JMG:VER