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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.

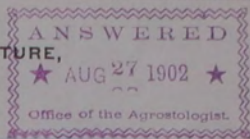
My post-office address is .....

My telegraph address is .....

My express address is .....

B1

U. S. DEPARTMENT OF AGRICULTURE,  
BUREAU OF FORESTRY.



Halsey, Neb., Aug. 24, 1902

Mr. C. R. Ball

Bureau of Plant Industry  
Washington, D. C.



Dear Mr. Ball — As we are trying to determine the woody species occurring native upon our nursery site and vicinity, and since you have done considerable work on willows, I send you herewith what we consider the five species growing here, for identification, and await with interest your answer.

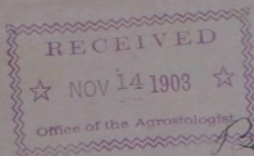
This sandhill country contains a large variety of grasses, and many of these, with the frequent rains, are showing a magnificent development. Mr. C. C. Wright, of Thedford, claims to have collected 225 'varieties' as he calls them, within a few miles of his home.

It pained us to hear of the loss of Dr. Beardshear. Mr. H. Most ~~was~~ is one of our party here.

Very truly yours

J. C. Blumer

from J.C. Blumer



Pear Creek Camp,  
Colorado City, Colo.

Oct. 26, 1903.

Dear Mr. Ball—

Your favor with the list of names of willows received. Thank you. I am glad they proved interesting to you. You are correct in placing those creeks near Pike's Peak (The Beaver Creeks rise 2-6 mi. from it, Little Fountain about 10 mi. south). But that portion of their course which furnished the specimens fall into Teller Co., adjoining El Paso on the west. The last named creek falls into El Paso Co. at 7700 ft.

We shall finish our summer's work here in 4 more days, when some of us go to S. California for the winter, others to Texas. Am trying to have them change me from the latter to the former. We shall probably not see Washington until some time next spring. The 4 month's sojourn in these American Aegs has been highly interesting & profitable. It is now nearly 4

months since I was last below 7500 ft. And from this all the way to 13000.

Have secured in the vicinity of 200 species of this alpine flora. Sent Dr. Pennel 25 very interesting species from above timberline, all collected at their altitude limit.

Nov. 10, —

After over 2 weeks I will try to finish this letter. I postponed mailing it until I could dig out the specimens, and could tell you anything I knew in particular about those two species. I find I can tell you nothing beyond the data with the specimens. If I see them again another year, I think I shall recognize them & tell you more about them. Was curious to know what the one with the glaucous twigs was — *S. pellita*.

Plans have changed completely since the above was written. But ~~two~~ goes to Cal., 3 to Texas, and 2 to Washington, D.C. I am one of the latter. Mr. Gardner, head of our party, has already gone, as well as 3 men. I am in charge of camp consisting now of our outfit, 2 men, the cook, and the cat. We will break first of next week. Had once a foot of snow. Truly yours

J. C. Blumer

MY POST-OFFICE ADDRESS IS

MY TELEGRAPH ADDRESS IS

MY EXPRESS ADDRESS IS

VEG. PATH. & PHYS. INV.  
Grain Investigations

★ JAN 29 1906 ★

Answered 1-30-06

UNITED STATES DEPARTMENT OF AGRICULTURE  
BUREAU OF FORESTRY

Notes copied on  
labels. JPB

112 Quincy Place

1/27/06

Dear Mr. Ball —

Find herewith what I saw about those willows.

No. 70. (The one without data), Collected at mouth of Cameron Canyon, on bank of creek, Sept. 15, 1905. Altitude about 6500 ft. Grows in clumps, throwing out numerous stems from the ground. Bushes about 6 feet tall. Only on stream-bank & in springy places. El. Payson, N. M.

No. 70a (The one without number). Collected in Cameron Canyon, a mile above station of No. 70, Nov. 9, 1905. Alt., about 6700. On immediate bank of creek, as in 70. More rocky habitat accounts for smaller leaves & buds & lesser thrift. No. 70 grows in rich, humous, alluvial adobe. El. Payson, N. M.

No. 70a, out of a steep rocky bank of conglomerates, El. Payson, N. M.  
No. 124. Collected Oct. 24, 1905, at Stephens Ranch, El. Payson, N. M. Grows close to brooks. Undoubtedly native, Not common. A shrub about 4 feet high

No. 171. Collected on Stephens Ranch, El. Payson, N. M., Nov. 15, 1905. Near to meadows, growing 10-12 ft. high. Color of course due to lateness of season. Not clear whether native or introduced. This can be settled by writing Chas. Stephens. If you wish to know, I can find out for you.

Very truly yours,

J. L. Blummer



**POSTAL CARD**

THE SPACE BELOW IS FOR THE ADDRESS ONLY

*Mr. C. R. Ball*  
*Bureau Plant Industry,*  
*Washington, D.C.*

Tucson, Ariz., April 27, '08

My Dear Mr. Ball -

Your card at hand Saturday, and I mailed the willows same day. I think you will find the numbers to correspond with notes already sent you. It is not a very good "layout" and I hope to send you some fruiting specimens another time, tho I can't say when yet. I've got some nice S. torreyana in bloom, but it was inaccessible when I made up your package. Send you some later if you wish it.

Yours truly

J. C. Flower

Jul 24. 08.  
Chenier

1908

Silver City, N. M., July 24.

Mrs. C. R. Ball

Dept. of Agriculture  
Washington, D. C.

My Dear Mr. Ball - I want to take the opportunity this morning to answer your very kind letter which I received some time ago, and which should have been answered before. It is just such things that often come handy in brightening ones horizon. Also, indirectly, I am realizing more and more that it pays, not in this world's goods, but in other ways, to be on the lookout how you may help others, even if only in a small way.

I had prepared what I thought a good illustrated article for "Country Life in America", but they refused it on the ground that it

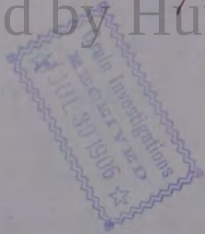
I was very much interested in perusing  
your bulletin on sorghum that came out  
recently. It is not a good time for widows, but  
I shall try to get you some, never-the-less.

Had the pleasure of taking dinner with  
Major Bushnell the other day. He is commandant  
of the St. Bayard Post, and much interested in  
trees + plants.

With best regards to Mrs. Bell and  
yourself, I remain

Sincerely yours

J. C. Blumer



contained no specific figures on individual cases.  
The article was on the "Woodlot". But the fact is,  
it is just such specific figures that are almost  
impossible to get. Not one in a thousand, perhaps,  
has kept approximately adequate record of receipts  
and expenses on his woodlot for any length of  
time.

It is very hot here at present. I have been  
trying to do some collecting about here, but haven't  
gotten far yet. He beat ~~the~~ last few days  
almost gave me the "knock-out". Traveling  
most of the time lately, I have been rather  
out of communication with the known world,  
and it thus came about that I only learned  
the other day of Mr. Gardner's death. This  
news proved very depressing, for Mr. Gardner  
was a very dear friend to me. It was  
all unexpected, too. He was one of ten  
thousand.

Tucson, Arizona, July 9, 1908

Mr. C. R. Ball,  
Cereal Investigations, Bur. Plant Industry,  
Washington, D.C.

Dear Mr. Ball — You may not now be in Washington, but as I just happen to come across your letter asking for labels for the willows you kindly determined for me, I enclose them. Labels printed through I have only for those of my plants running thru the full 20 sets.

Just recently got an order for my last-remaining set from Dr. Lotze, of Holland. It may be of interest to you that among the new things that are beginning to show their heads now, the first is a gooseberry.

Wishing you a pleasant trip west,

I remain yours truly

J. C. Blumer

7-16-08.