



Hunt Institute for Botanical Documentation
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About the Institute

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

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

1931-85

merlie

May 8, 1931.

Prof. H. L. Mason,
Care Revenue Cutter Northland
Seattle, Washn.

Dear Professor Mason:

I had expected to see you at the Botanical Society's meeting last night, forgetting that you were going north so soon.

The willow which I am so desirous of having collected is *Salix glacialis* which has been taken but twice, so far as known, once at Point Barrow and once between Pt. Barrow and a point farther east on the Arctic coast.

It has small oval leaves, paler or whitened beneath, and densely white woolly capsules, with practically no style. This last will distinguish it from all other Arctic willows. *Salix reticulata* has a very short style but the short, ovate-conic capsules are short-pubescent only. So far as I know it has not been found on the Arctic coast.

On the islands and coasts of Bering sea will be found about 4 more creeping Arctic species of willows, and one, *S. arctica*, not so fully creeping. These 5 may be separated as follows:

Leaves large, 3-6 cm., more or less obovate; capsules long; capsules gray-woolly *S. arctica*

Leaves small, 0.5-2 cm.; plants creeping

Leaves green on both sides; capsules glabrous
Leaves very small, orbicular *S. rotundifolia*
Leaves about 1 cm, oblanceolate-obovate, skel- *S. phlebophylla*
etonizing

Leaves whitened beneath, glabrous, or villous beneath
Capsules 2-3 mm., pubescent; leaves rugose beneath *S. reticulata*

Capsules 4-6 mm.; leaves finely reticulate both sides
Capsules glabrous *S. ovalifolia*
Capsules white-woolly *S. polaris*

S. glacialis probably comes next to *S. polaris* in a key, but separated by having no style, whereas *polaris* has styles 1 mm. or more. Whether the mature leaves of *glacialis* are reticulate we do not know.

Trusting that these notes may reach you and be of some value, and appreciating your courtesy, I am with best wishes,

Most cordially,

Carleton R. Ball,
Research Associate

UNIVERSITY OF CALIFORNIA
BUREAU OF PUBLIC ADMINISTRATION
BERKELEY

August 8, 1933.

Dr. Herbert L. Mason,
Herbarium, Life Sciences Bldg.,
University of California,
Berkeley, California.

Dear Dr. Mason:

I am enclosing herewith 13 pages of manuscript containing copy for printed labels for a considerable part of the accumulated Salices now awaiting distribution. A sample of the labels printed last year, to show size, typography and arrangement, is attached.

Sixty copies of each label are desired. The numerals in circles on the margins of the sheets show the number of sets of 60 each which are desired. Of most of the labels, as you will note, but one set of sixty is needed. In a few cases two sets are needed and in one case at least, three sets are required.

Last year Mr. Flynn, the head of the Printing Division, was much interested in doing a good job on these labels and gave it his personal attention. I think Mr. Farquhar will be equally interested and if you wish I will be very glad to take the copy to him personally when it is ready for transmission, and discuss with him the make-up and spacing of the material.

Very sincerely yours,

Carleton R. Ball

Carleton R. Ball

CRB:CSB

(over)

November 18, 1933.

Mr. S. T. Farquhar,
Univ. of California Press,
Berkeley, Calif.

Dear Mr. Farquhar:

I am inclosing herewith the manuscript copy for herbarium labels for a series of willow collections. The 13 pages now carry just 40 labels, as I was able to delete several.

Sixty (60) copies of each label are desired, except in the case of the second label on page 1, of which 120 copies are needed. I think you said you would accomplish that by setting the copy of that one twice.

Unfortunately, in writing the copy the county was placed at the top in capitals. The county names should be set at the points indicated in the body of the label, and in the same type as the label body.

Please follow the type and style of those printed last year. The words: "Determined by Dr. Carleton R. Ball" have been transferred to the bottom of the label in the present copy, but otherwise the arrangement is about the same.

The last two lines in the copy, comprising the collectors, the date, the number, and the determinator, should be kept at the bottom of the label. The space between these two lines and the body of the label will be needed for typing in certain data about the individual collections.

The stock used last year is represented by the uncut sheet of printed labels you showed me in your office.

If I can be of further service, please call me on Local 390.

Cordially yours,

Carleton R. Ball
Research Assoc. in Governmental Relations

August 8, 1935.

Dr. Herbert L. Mason,
Herbarium, Life Sciences Bldg.,
University of California,
Berkeley, California.

Dear Dr. Mason:

I am enclosing herewith 14 pages of manuscript containing copy for printed labels for a considerable part of the accumulated Salices now awaiting distribution. A sample of the labels printed last year, to show size, typography and arrangement, is attached.

Sixty copies of each label are desired. The numerals in circles on the margins of the sheets show the number of sets of 60 each which are desired. Of most of the labels, as you will note, but one set of sixty is needed. In a few cases two sets are needed and in one case at least, three sets are required.

Last year Mr. Flynn, the head of the Printing Division, was much interested in doing a good job on these labels and gave it his personal attention. I think Mr. Farquhar will be equally interested and if you wish I will be very glad to take ~~the~~ copy to him personally when it is ready for transmission, and discuss with him the make-up and spacing of the material.

Very sincerely yours,

CRB:CSB

Carlton R. Ball

January 2, 1935

Dr. Carleton R. Ball
Bureau of Public Administration
Campus

Dear Dr. Ball:

According to our records, the last distribution of willows was as follows:

Set No. 1 to Stanford
" " 2 to California Academy of Sci. 151 specimens
" " 3 to N. Y. Bot. Garden. 127 specimens
" " 4 to U. S. National Museum. 111 specimens.
" " 5 to Gray Herbarium. 100 specimens.
" " 6 to Filed Museum. 84 specimens.
" " 7 to Bassett Maguire. 76 specimens
" " 8 to J. W. Thompson
" " 9 to Arnold Arboretum, 2/1/34.
" " 10 to B. Keller, Leningrad. 57 specimens, 2/1/34
" " 11 to Smith, Fort Collins, Colo.

On June 27th sets 12 to 40 were shipped to the following institutions:

14 ✓	Mo. Bot. Garden	48 specimens	✓	Univ. of Wisc.	16 spec.
16 ✓	Univ. of Wyo.	41 "	✓	Dr. Hapeman, Neb.	14 "
22 ✓	N. Y. S. Ag. C.	28 "	✓	J. M. Grant, Wash.	13 "
24 ✓	U. C. L. A.	22 "	✓	Ariz. Teach. Col.	13 "
25 ✓	Brooklyn Bot. G	21 "	✓	Cath. U. of Am.	11 "
27 ✓	Rancho S. Ana	18 "	✓	Butler Univ., Ind.	11 "
28 ✓	Pomona College	17 "	✓	L. A. Museum	9 "

By international exchange through the Smithsonian Institute:

15 ✓	Nat'l Mus. Canada	42 spec.	✓	U. of Lund	16 spec.
17 ✓	British Museum	38 "	✓	Stockholm	15 "
18 ✓	Geneva, La Console	38 "	✓	Acad. Sinica,	14 "
19 ✓	Kew	31 "	✓	Copenhagen	10 "
20 ✓	Helsingfors	30 "	✓	Nat'l Mus. Buda-	
21 ✓	Berlin-Dahlem	29 "		pest	9 "
23 ✓	Brussels	26 "	✓	Bur. Sci. Manila	7 "
26 ✓	Bot. Gard. Sydney	19 "	✓	Wellington, N. Z.	7 "

Sincerely,

Herbert L. Mason

Herbert L. Mason
Associate Curator of
the Herbarium

1935-1938

Room 5038, South Bldg.,

May 13, 1935.

Dr. H. L. Mason,
Dept. Botany, Univ. of Calif.,
Berkeley, California.

My Dear Dr. Mason:

We arrived safely in D.C. nearly 2 weeks ago, after an uneventful trip across the country. One of the delights of the journey was the wonderful beauty of the desert flowers, especially between Bakersfield and the mountains. I shall never forget the miles upon miles of blue, and purple and gold. Another thrill was the natural Cactus Garden of the Univ. Arizona and the Nat. Park Service at Tucson. Miles of giant cactus of all sizes.

Just received today the reprints of my latest paper, from the Jour. Natl. Acad. Sci. and will send you a package of them for distribution to friends in the Dept. Have pencilled the names thereon, so that it will be easy to sort them. Thanks in advance for the service.

I find that I will be able to house my herbarium in the new fireproof Dept. Bldg. with me, which will be very convenient for me and safe for the willows. Have not had time to think of willows since arrival and will have little for awhile yet. Am writing to the southern botanists suggesting a survey of the distribution of southern species, the ranges of which are not well known.

Was greatly shocked to see in our Berkeley church bulletin that Dr. Holman had died. I saw him just before I left and he seemed in normal health. Will be interested to know the circumstances.

With personal regards and good wishes to you and other members of the Dept., in which Mrs. Ball joins me, I am

Most cordially yours,

Carleton R. Ball
Chief Agriculturist

P. S. I forgot to say that I am sending copy of my paper to Prof Jepson separately so it will not be in the packet sent you.

UNIVERSITY OF CALIFORNIA

DEPARTMENT OF BOTANY

BERKELEY

May 22, 1935

Dr. Carleton R. Ball
Agricultural Adjustment Administration
U. S. Department of Agriculture
Washington, D. C.

Dear Dr. Ball:

This will acknowledge with many thanks
receipt of the reprints which have been dis-
tributed.

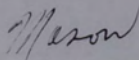
I am glad to learn that your herbarium
will be safely housed.

No doubt you and Mrs. Ball have been busy
meeting old friends and getting settled again
in the capitol city.

You inquire about Dr. Holman's death.
It was very sudden, caused by heart failure, in-
duced, apparently, by indigestion. He attended
his classes the day before but complained of
not feeling "up to par".

Kindest regards and best wishes to Mrs.
Ball and yourself.

Sincerely,



Herbert L. Mason
Associate Curator of
the Herbarium

HLM:MAF

June 28, 1935.

Dr. Herbert L. Mason,
Associate Curator of the Herbarium,
University of California,
Berkeley, California.

Dear Dr. Mason:

I find that your kind letter of May 22 has never been acknowledged. I appreciate the information you gave me, especially that relating to the sudden death of Dr. Holman.

My herbarium has been safely received and space assigned to it in a double room not far from my own office. I have ordered some new steel cases and expect to have it safely housed and available for effective use within the next few weeks.

Any material which the Herbarium of the University of California desires to have determined I will be glad to take care of at any time, I have both my own material and that of the National Herbarium now accessible.

I wish to thank you for having forwarded a package which was sent to me there from the Michigan Agricultural College. The shipment was something of a joke and something of a tragedy. It contained a bundle of living plants wrapped in wet florist's moss and so thoroughly wrapped as to prevent any aeration. The result was that the material not only had sprouted, but also had begun to rot and all the leaves had dropped. What the sender apparently did not know was, that a single twig loosely tied in a newspaper and mailed in a small package would have been just as effective in getting his species named. However, he knows that now.

I have not yet had time to determine if that Alaska specimen sent you as a duplicate from the National Herbarium was really a duplicate, or actually a specimen which National Herbarium itself does not have. I will endeavor to get time to look this up soon.

Rev.
697 (

78-VI-35
H. L. Mason

- 2 -

In shipping specimens to me please be careful to indicate plainly whether you wish them returned to you or to be retained by me. As you know, I am delighted to determine the material for anyone at any time under either conditions. Oftentimes, however, I have to write back and ask what disposition to make of specimens. Please address packages to me as follows: Division of Program Planning, Agricultural Adjustment Administration, Room 5744, South Building, Department of Agriculture, Washington, D. C.

With kind personal regards to yourself and Mrs. Mason and mutual friends, I am

Sincerely yours,

Carleton R. Ball
Chief Agriculturist
Division of Program Planning

CRE/fun

Brit. Col 41

One specimen, *S. bathiana perrostrata*, No. 7585, bears the label the record "July 28, 1941 Fort St. John." As it was collected on the same day as numerous specimens at the same distance from Fort St. James, I suppose this label should have read Fort St. James also. There seems to be no indication that Mr. McCabe collected anywhere near Fort St. John which is in the lower Peace River district.

Mr. McCabe is doing a thoroughly splendid job of collecting in an almost unknown area. Prof. J. S. Jack of the Arnold Arboretum collected a little around Hazelton many years ago but I know of no Dr. Herbert L. Mason, and Fort St. James, Table Lake, and Germanen Curator of the Herbarium, River. This distribution record will be of Department of Botany, as I begin monographing *Salix* some two years hence. University of California, Berkeley, California. have forgotten to mention No. 8358 from Mt. Smith

Cowell. This specimen resembles *S. anglica arcticola* Schneider. Dear Dr. Mason: copules are glabrous. I will study it further with reference to possible hybridity. It is interesting that *S. brachypoda*

has. Finally I have found time to check the section of British Columbia in which Mr. McCabe collected his willows in 1940 and find that it lay between Hazelton and the Peace River district. This is a relatively little known part of the Province and I am very glad indeed to have seen this material from that area. In general the species are what you would expect to find there.

Digitized by Google

The two specimens of *myrtillifolia brachypoda* Schneider (Nos. 7570 and 7574) from 25 miles north of Fort St. James, are interesting. This variety occurs in Alaska and adjacent British Columbia although it was named from western Canada. These specimens may establish an eastern extension of range in the western mountains.

Executive Secretary

The two specimens of *S. pyrifolia* Andersson are valuable also. No. 7533 came from 25 miles north of Fort St. James and No. 7591 from 26 miles south of that point. These localities seem to be in the Pacific Ocean drainage.

The two specimens of *S. pedicellaris hypoglauca* Fernald (Nos. 7531 and 7578) from 25 miles north of Fort St. James also probably are an extension of range to the northwest. A third specimen, No. 8294, is from Summit Lake, but I have not been able to locate that lake. It may be over in Alberta.

Three specimens of *S. subcoerulea* Piper, Nos. 7587, 7592, and 7594 from 25 miles south of Fort St. James, represent about the most northwestern range known for this species. No. 7656 from Germanen Landing on Omineca R., also.

upl file, Calif, McCabe,

- 2 -

One specimen, *S. Bebbiana perrostrata*, No. 7585, bears on the label the record "25 miles south of Fort St. John." As it was collected on the same day as numerous specimens at the same distance from Fort St. James, I suppose this label should have read Fort St. James also. There seems to be no indication that Mr. McCabe collected anywhere near Fort St. John which is in the lower Peace River district.

Mr. McCabe is doing a thoroughly splendid job of collecting in an almost unknown area. Prof. J. G. Jack of the Arnold Arboretum collected a little around Hazelton many years ago but I know of no collections from around Fort St. James, Takla Lake, and Germansen Landing on the Omineca River. This distribution record will be of great value to me when I begin monographing *Salix* some two years hence.

I see that I have forgotten to mention No. 8359 from Mt. Edith Cavell. This specimen resembles *S. anglorum araioclada* Schneider except that the capsules are glabrous. I will study it further with reference to possible hybridity. It is interesting that *S. brachycarpa* has a variety with glabrous capsules from Jasper Park.

I am enclosing an extra copy of the letter and of the list of determinations for Mr. McCabe as he may be interested in these notes. I think I did not send an extra copy of the list for him when the determinations first were made.

Cordially yours,

Carleton R. Ball,
Executive Secretary

March 10, 1946

Dr. Herbert L. Mason,
Herbarium, Dept. of Botany,
Univ. of California, Berkeley.

Dear Dr. Mason:

I wish to bring to your attention my friend, Mr. Charles B. Fiker, of Route 1, Box 157 B, Fall Brook, San Diego Co., Calif. He was a fruit rancher in Okanogan Co., Wash., got rheumatic fever and had to go south.

He is a discerning and enthusiastic collector of plants and did some exceedingly valuable work for me on S. Tweedyi (Bebb) Hall in the isolated mountains east of the Cascades. He will work his head off as long as he thinks he is doing something useful and is appreciated. Already he is getting people interested in bringing to him their plant problems in the south.

I hope that you will get in touch with him and suggest the same to other specialists who need collecting in that area. He will appreciate any publications that may be sent. I should have said that both he and his wife are semi-invalids, so that he cannot do as much strenuous work as formerly. And he is rather lonely botanically.

I may have written you about him some weeks ago, but cannot find the letter in your file at the moment.

With all good wishes, I am

Cordially yours,

Carleton R. Hall
Collaborator

March 10, 1940

9/6/40

Dr. Herbert A. ...
Herbarium, Dept. of Botany,
University of California, Berkeley.

Dear Dr. Hervey:

I wish to bring to your attention my friend, Mr. Charles H. Allen, of House 1,
Box 100, Mill Brook, San Diego Co., Calif. He was first teacher in San Diego Co.,
and got domestic leave and had to go south.
He is a disarming and enthusiastic collector of plants and did some exceedingly
valuable work for me as a field (1935) in the isolated mountain east of the
Ganges. He will not let me let him go as he is doing something
useful and is appreciated. I wish he were here in Berkeley in training to
him show plant problems in the north.
I am that you will get in touch with him and suggest the same to other ones -
I believe we need collecting in that area. He will appreciate any publication that
may be sent. I should have said that he and his wife are semi-travellers, so that
he cannot be much concerned with us personally. And he is rather lonely botanically.

I have written you about him some weeks ago, but cannot find the letter
in your file at the moment.

Cordially yours,

Will all good wishes, I am

Orleton R. Bell
Collector

25
Dr. Herbert L. Mason, Dept. Botany,
Univ. of California, Berkeley.

November 10, 1946

Dear Dr. Mason:

I have just read the second part of your discussion of "The Edaphic Factor in Narrow Endemism. (Madrono 8:241), but have not yet read the first section. Two ideas struck me. 1, It was the result of much hard work and thinking. 2, It was a line of much-needed study and should have long-continuing value. Congratulations. Of course, part of it was over my head, because I don't know enough about either geology or botany.

When reprint arrive, I will send you a copy of my paper ("More Plant Study: Few Plant Names") in the Merrill Memorial issue of Journ. Arnold Arb. I am still getting fan mail from my letter to Science on that subject but expect to be shot presently by the taxonomists.

Am getting along on monograph of American willows and on my third Univ. Calif. volume covering all official cooperative projects in natural resources.

I see young folks from the University quite frequently but no one from the Dept. Botany in a long while.

With personal regards to you and Mrs. Mason, and greetings to remaining members of the old gang, I am

Cordially yours,

Digitized by Hunt Institute for Botanical Documentation

Craleton R. Ball

Yours truly
C.R.B.

Dr. Herbert L. Mason,
Herbarium, Dept. of Botany,
University of California,
Berkeley, California.

3814 Jocelyn St., N.W.,
Washington 15, D.C.

11 March, 1950

Dear Dr. Mason:

Three things are on my mind. 1. To thank you for handling my 172nd paper, two problems in Willow distribution. It was well put out and I have had some very interesting correspondence about the problems and other very similar.

2. To catch up on reprints sent you. Separately I send a packet with 3 copies each of my last 4 reprints, Nos. 171-174. These are for you, Annetta Carter, and the Library (Botanical), and I will be glad if you will have some one separate and distribute them. In the packet is an envelope containing my last 6 reprints for Dr. Constance and I will be glad to have these put in his hands.

3. If the Jepson herbarium now is usable, I very much wish to see a specimen of *Salix lutea* var. *nivaria* Jepson. It was based on his No. 5575, from near snow banks, Snow Creek, San Bernardino Mtns. From the description, I think that it may be my *Salix lutea* var. *ligulifolia* Ball, which I am just raising to specific rank. If his var. *nivaria* represents this species, I would like to complete the synonymy in my forthcoming paper. If var. *nivaria* is some thing else, I wish to know that, and what.

I will greatly appreciate whatever help you can give me on this last problem. Trusting that all goes well with you and Mrs. Mason, and with regards to other friends in the Herbarium, I am

Cordially yours,

Carleton R. Ball

H.L. Mason

March 11, 1950

Salix lutea var. nivaria Jepson

1925. Salix lutea var. nivaria Jepson, Man. Flow. Pl. Calif. 266.

"S. lutea var. nivaria Jepson, n. var. Six to 10 ft. high; young leaves silky; branchlets very dark brown, minutely puberulent; styles long. -- Near snow banks, Snow Creek, San Bernardino Mts. (Jepson 5575, type)."

a/ It is stated on flyleaf that pp. 129-384 were issued on December 6, 1923.

Digitized by *S. ligulifolia?* *lign* Institute for Botanical Documentation

not in KSH

In N. sp., sect Hub

UNIVERSITY OF CALIFORNIA

DEPARTMENT OF BOTANY
BERKELEY 4, CALIFORNIA

March 22, 1950

Dr. Carleton R. Ball
3814 Jocelyn Street, N. W.
Washington 15, D. C.

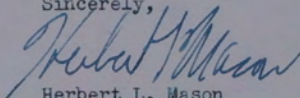
Dear Dr. Ball:

Thank you very much for the set of your reprints sent to bring us up to date in this matter. Annetta has distributed them as per instructions in your letter.

As for availability of material in the Jepson herbarium, I am sorry to report that things are still at pretty much of a standstill there. When the trustees of the estate have chosen someone to curate the collections it will probably be possible to borrow material. = *S. lutea var. nivalis* Jeps

Your friends in the Herbarium join me in sending best wishes to you.

Sincerely,



Herbert L. Mason
Professor of Botany and
Director of the Herbarium

HLM:H

(over)

Dr. Herbert L. Mason,
Dept. of Botany, Univ. of California,
Berkeley, California.

3814 Jocelyn St., N. W.,
Washington 15, D.C.

14 April, 1950.

Dear Dr. Mason:

Many thanks for your letter of March 22, unacknowledged because we have been having glorious cases of the epidemic virus flu, now happily on its way out.

I'm truly sorry about the tied-up-ness of the Jepson Herbarium. I am re-viewing some southwestern willows and hoped to settle the identity of his *S. lutea* var *nivaria*. So far as I know, no specimens ever were distributed elsewhere.

If you can make some record, so that I will know when material becomes avail-able, I will greatly appreciate the courtesy. I might still be able to include it in this manuscript.

Was it Shakespeare who opined: "The evil ~~may~~ do lives after them, the good is oft interred with their bones"?

With regards and all good wishes to you and yours, and mutual friends, I am

Cordially yours,

Carleton R. Ball

Digitized by Hunt Institute for Botanical Documentation

Dr. Herbert L. Mason,
Dept. of Botany,
University of California,
Berkeley 4, California.

3814 Jocelyn St., N.W.,
Washington 15, D.C.

30 October, 1950

Dear Dr. Mason:

I have just read the whole of your paper on Taxonomy, Systematic Botany, and Biosystematics, in recent Madrone. Congratulations on a needed, readable, and completely sound presentation of the true relationships of the factors in a currently confused situation. Not the least of its excellent contents was your disclaimer of any dogmatic assertion but, instead, a thoughtful discussion.

I do not read many scientific papers nowadays because, at 77, I am trying desperately to put in writing the things which I feel may be of some value to others, as based on my long experience and study. My 175th paper is just out, and always 3 or 4 manuscripts are in press. They run from a single page to my 2-vol., 1239-page California work on agricultural cooperation.

The aspect of taxonomy which disturbs me is the complete lack of any requirement in the way of education, special knowledge. Geologists have published scores of species based on a single fossil leaf. You and I knew that a single tree or shrub carries enough variation in leaf form on its different seasonal or age aspects to form the basis for 20 such "species", yet they stand and others must give them attention before they publish. They freely admit that they assign fossil plants to the wrong genus about half of the time.

Flederus of Sweden is completely insane on the matter of hybrids (in *Salix*), claiming that he can recognize up to 5 parent species in a dried fragment of a single allegedly hybrid willow. Every geneticist knows the complete impossibility of this, and the difficulty of recognizing even both of two parents. But when this crazed mind publishes new "species", not claimed to be hybrid, they must be recognized.

A biologist, refused permission to publish papers written in the U.S. Dept. of Agric., because of obviously erroneous conclusions, had them published outside under his wife's name. Finally discharged because of increased insanity, he has gone on publishing new species, varieties, and hybrids of willows and oaks in a journal of his own, having no address or subscription price, and in each issue reviling government scientists, national and State. If taxonomists eventually refuse to recognize his novelties it will be on the ground of no actual publication and not because the man not only does not know willows and oaks but actually is crazy.

The more than 1300 species of *Crataegus*, mostly published in 10 years by 3 men running a species race to see who could name the most, and the more than 500 species of *Rubus*, are examples of another taxonomic tendency. A friend who tags willows and collected at different seasons from the same plant, was asked by Bailey to collect *Rubus* for him. The man collected from a single *Rubus* plant from spring to late autumn, and from young outer growth to the old central growth and sent it in as from a single plant. Bailey told him that he could not name it. In other words, it represented several of his "species". See the treatment of these two in the new Gray.

In brief, taxonomy appeals too much to the selfish instincts of man.

Cordially yours

File

Dr. Herbert L. Mason,
Dept. of Botany, Univ. of California,
Berkeley, California.

~~3814~~ 3814 Jocelyn St., N.W.,
Washington 15, D.C.

25 September, 1954.

Dear Dr. Mason:

I am revising my manuscript on the Willows of Nevada, written several years ago, but not published. I am expected to cite all available Nevada specimens. In my Nevada file, I find a list of 4 specimens collected in Esmeralda Co. by Victor Duran in 1929 and 1931.

The determinations seem never to have been finished and I cannot now find the first three specimens listed. I would like to cite them in this paper and I certainly do not like the looks of an unfinished job of determinations. I can find no letters from Duran about them, in my file. A copy of the list is inclosed.

The fourth on the list, Duran 3058, S. Geyeriana Andersen, is in my herbarium, so you need give no attention to it. It has a printed label: "WILLOWS OF CALIFORNIA. Distributed by the University of California."

If you can find specimens of the first three listed, I will greatly appreciate your courtesy if you will send them to me for study and listing. One apparently had no collection number when I saw it.

If you have other ~~salix~~ material which you wish to have identified, send it along at any time.

Appreciating any assistance you can give me, and with best wishes, I am

Cordially yours,

Harleton R. Ball

WASHINGTON 25 D C

EXTENSION SERVICE

NOTARY PUBLIC



WILLOWS OF ESMEIRAIDA CO., NEVADA.

Victor Duran, Univ. Calif."

2509. *Salix lutea*, var. *platyphylla* (?) Ball. Cespitose shrub 12-15 ft. high, with stems up to 8 inches in diameter, scattered in meadows of canyon streams and flats, Trail Creek, 8300 ft. elev., July 10, 1929. (Sec. 10, Twp. 1 So., R. 33 E.).
2529. *S. exigua* Nuttall. Common erect shrub 8 feet high, in dry open wash near Trail Creek, 7200 feet elev., July 11, 1929. (Sec. 7, Twp. 1 So., R. 34 E.).
- S. parishiana* (?) Rowlee (*S. Hindsiana* var. *parishiana*), or *S. Hindsiana* var. *leucodendroides* (Rowlee) Schneider. Chiatevitch Creek, White Mts., 8000 feet elev., July 15, 1929.
3058. *S. Geyeriana* Andersson. Shrub, 6 feet high, Chiatevitch Creek, White Mts., elev. 8500 FEET, June 3, 1931. (elev. 10,500 feet).
m.

I can find no letters from Duran concerning these collections.

I can find no trace of the first three specimens here. The fourth is in my herbarium.

Dr. Herbert L. Mason,
Department of Botany,
University of California,
Berkeley, California.

3814 Jesslyn St., N.W.,
Washington 15, D.C.

30 September, 1954.

Dear Dr. Mason:

When I wrote you recently about the Duran specimens of *Salix*, I had forgotten another problem which is now before me.

Dr. Jepsen, in his *Man. Flow. Pl. Calif.*, p. 266, published a new variety, namely, *Salix lutea* var. *nivaria* Jepsen, based on his No. 5575, from snow banks Snow Creek, San Bernardino Mts. *lutea*

From his description, I strongly suspect that this is my *Salix ligulifolia* Ball. But no specimens of it are available here, either in my herbarium or in U.S. Natl. Herbarium. *lig*

As I will have to handle, in my Willows of Nevada, both a true *S. lutea* but pubescent twigs, and the very narrow leafed *S. ligulifolia*, which also is somewhat pubescent, I must know just what Jepsen named as var. *nivaria*.

If you can loan me his type and/or any other specimens which he labelled as that variety, I will greatly appreciate the service. Material sent will be returned very promptly as I am working on the problem now and will be ready to make final decisions promptly.

Cordially yours,

Carleton R. Ball

UNIVERSITY OF CALIFORNIA

DEPARTMENT OF BOTANY
BERKELEY 4, CALIFORNIA

19 October 1954

Dr. Carleton Ball
3814 Jocelyn Street, N.W.
Washington 15, D.C.

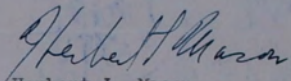
Dear Dr. Ball:

We delayed replying to your letter of September 25th in the hope that when Annetta returned from vacation she might have some clue as to the whereabouts of the Duran specimens of *Salix* that you want to borrow. However, she had no better luck than we had had in locating the specimens even though she thought of some additional places to look. I am sorry that we are unable to accommodate you in this matter.

Thank you for your offer to identify any *Salix* material that we may send to you. We will undoubtedly take you up on it.

Digitized by Hunt Institute for Botanical Documentation

Sincerely,



Herbert L. Mason
Director of the Herbarium
and Professor of Botany

HLM:sk