



Hunt Institute for Botanical Documentation
5th Floor, Hunt Library
Carnegie Mellon University
4909 Frew Street
Pittsburgh, PA 15213-3890
Telephone: 412-268-2434
Email: huntinst@andrew.cmu.edu
Web site: www.huntbotanical.org

The Hunt Institute is committed to making its collections accessible for research. We are pleased to offer this digitized item.

Usage guidelines

We have provided this low-resolution, digitized version for research purposes. To inquire about publishing any images from this item, please contact the Institute.

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.

C. R. Ball

Salix brachycarpa glabelliphylla n. var
unpublished. (written ca 1930 (see on
back of last sheet) w a a

Not published
CRO

SALIX BRACHYCARPA GLABELLIPHYLLA, n. var.

One-year and two-year branchlets glabrous or glabrate; those of the season only puberulent to somewhat pubescent; bud-scales clad as the branchlets; blades and petioles glabrous or glabrate or sometimes sparsely pubescent, the apical somewhat tomentose; upper surface light green, becoming shining, usually delicately reticulate with faintly impressed slender veins; the lower surface glaucous, usually more evidently reticulate with raised veins; otherwise as in the species.

In the species the branchlets, bud-scales and leaves are clad with rather a dense yellowish-white tomentum. In var. glabelliphylla Schn.,

✓ Schneider, Camillo. Notes on North American Willows. II The species related to *Salix glauca* L. Bot. Gaz. 66: 338. Oct., 1918.

the capsules are glabrous and the vegetative portions tomentose. In the variety glabelliphylla the reverse is true, the capsules being tomentose and the vegetative portions glabrous or nearly so. In *S. desertorum* Rich. the branchlets are said to be tomentose or pilose but the foliage finally glabrate. This new variety varies in the direction of desertorum, therefore.

This variety has been collected in the Rocky Mountains of Colorado and of the Rocky Mountains Park and Jasper Park in Alberta, Canada. It probably will be found to have about the same range as the species. The type specimens (No. 2774, male, and No. 2775, female) were collected by J. G. Jack from bushes 4 feet high, at an elevation of 3700 feet, in the Rocky Mountains at Yellow-head Pass, Jasper Park, Alberta, Canada, on September 6, 1922. Through the courtesy of Prof. Jack, both type specimens are in the herbarium of the writer, together with the other specimens collected by him. Cotypes are in the herbarium of the Arnold Arboretum. In the list of specimens cited, A is herbarium Arnold Arboretum, B is herbarium C. R. Ball, and N is the National Herbarium.

The relative abundance of the species and this variety may be indicated by ^{the} numbers of herbarium specimens studied. In the herbarium of the writer the species is represented by 24 specimens from the United States and 43 from Canada. Variety glabelliphylla is represented by 2 specimens from the United States and 8 from Canada, of which 2 are from the Rocky Mountains Park and 6 from Jasper Park. In the U. S. National Herbarium the species is represented by 31 American specimens and 13 Canadian specimens, while variety glabelliphylla is represented by 1 American specimen and no Canadian specimens.

Colorado, U.S.A.

Florissant, alt. 2400 m., Francis Ramaley 1308, Aug. 1-8, 1905 (B);
Arapahoe National Forest, swamp, west fork St. Louis Creek, alt. 9500 ft.
L. H. Pammel, Aug. 15, 1919 (B); Twin Lakes, elev. 10,000 ft. T. O. Porter,
July 25, 1872 (N).

Alberta, Canada

Rocky Mountains Park; Banff, N. B. Sanson 136, 1911 (B); rock slide,
Rundle Mtn., 5,000 ft. elev., Banff, N. B. Sanson 232, Aug. 9, 1902 (B).

Jasper Park (all collected by J. G. Jack, 1922, and in herbaria A and
B): 2658, slender stems, 6 ft. high, Lake Beauvert, Aug. 31; 2740, bushes
2 ft. high, near Yellowhead Pass (Mt. Cavell Station, Can. Nat. R.R.) Sept.
5; 2744, bushes 6 ft. high, with Picea mariana, near Yellowhead Pass (Mt.
Cavell Sta., Can. Nat. R.R.) Sept. 5. (not gleuca glabrescens); 2749, bushes
2-2.5 ft. high, in swamp near Yellowhead Pass (Mt. Cavell Sta., Can. Nat.
R.R.) Sept. 5; 2774 ♂ and 2775 ♀, bushes 4 ft. high, Yellowhead Pass, 3700 ft.
alt., Sept. 6.

alberta.

alt

Barry, along Bow R. 4500 ft

Matthew Watson 1189 (C 116845).

July 13, 1925.

upper slope of Mt. Coliseum,

Nordeck, 6000 ft. m r w 1509

(C 116872,

7/15/25-

Broad, short leaves.

In woods, Mercoal, near

Coalspur, 4300 ft. m r w

1857 (C 116891)

5/8/25-

1882 C 116893

large, short
leaves

Section 4 MARKET QUOTATIONS

Farm Products

Feb. 27.--Livestock quotations at Chicago on slaughter steers (1100-1500 lbs.) good and choice \$12.75-\$15; cows, good and choice \$7.25-\$10; heifers (850 lbs. down) good and choice \$11.50-\$14.25; vealers, good and choice \$9.75-\$14; feeder and stocker steers, good and choice \$10.75-\$11.75. Heavy weight hogs (250-350 lbs.) medium, good and choice \$10.35-\$11.05; light lights (130-160 lbs.) medium to choice, \$10-\$11.35; slaughter pigs (90-130 lbs.) medium, good and choice \$9.25-\$10.75. Slaughter lambs, good and choice (84 lbs. down) \$10-\$10.85; feeding lambs (range stock) medium to choice \$8.50-\$10.25.

Maine sacked Green Mountain potatoes sold at \$2.50-\$3.05 per 100 pounds in eastern cities; \$2-\$2.05 f.o.b. Presque Isle. Wisconsin sacked Round Whites \$2.35-\$2.50 carlot sales in Chicago; few sales at \$2.15 f.o.b. Waupaca. Florida pointed type cabbage brought \$2.50-\$3 per 1½-bushel hamper in northern cities. Texas stock \$3.50-\$4.75 per barrel crate in terminal markets; \$2.65-\$2.85 f.o.b. Lower Valley points. New York and midwestern sacked yellow onions ranged \$1.50 to \$2 per 100 pounds in consuming centers. New York Baldwin apples sold at \$5.50-\$6 per barrel in New York City; Greenings \$6-\$7. Michigan Baldwins \$2.25-\$2.50 per bushel basket in Chicago; Soys and Greenings \$2.50-\$2.75.

Wholesale prices of fresh creamery butter at New York were: 92 score, 34¢; 91 score, 33¢; 90 score, 33¢.

Wholesale prices of No. 1 fresh American cheese at New York were: Flats, 18¢; Single Daisies 21¢-21½¢; Young Americas, 22¢-22½¢.

Average price of Middling spot cotton in 10 designated markets advanced 22 points to 14.99¢ per lb. On the corresponding day one year ago the price stood at 19.35¢. March future contracts on the New York Cotton Exchange advanced 23 points to 15.11¢.

Grain prices: No. 1 dark northern spring wheat (13% protein) at Minneapolis \$1.13 5/8-\$1.25. No. 2 red winter, St. Louis \$1.23; Kansas City \$1.14-\$1.18. No. 2 hard winter (not on protein basis), Chicago \$1.18; St. Louis \$1.11-\$1.11½; Kansas City \$1.03-\$1.13. No. 3 mixed corn, Minneapolis 70¢-71¢; Kansas City, 70¢-72¢. No. 3 yellow corn, Chicago 80¢-81½¢; Minneapolis 77¢-80¢; Kansas City, 73¢-75½¢. No. 3 white oats, Chicago 42¢-43¢; Minneapolis 39¢-40½¢; Kansas City, 42½¢-44¢. (Prepared by Bu. of Agr. Econ.)