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MERRILL, GEORGE PERKINS. The first one hundred years of American geology. New Haven, Yale University Press, 1924. xxi+773 pp.


RAFINESQUE, CONSTANTINE SAMUEL. A life of travels and researches in North America and south Europe . . . , Philadelphia, 1836. [This has recently (1944) been reprinted in Chronica Botanica, vol. 6, no. 2.]


SMALLWOOD, WILLIAM MARTIN. Natural history and the American mind. Columbia University Press, 1941, xv+445 pp. [There is an excellent bibliography at pp. 355-424, and a full index.]

YOUMANS, WILLIAM JAY. Pioneers of science in America. Sketches of their lives and work. New York, Appleton, 1896. viii+508 pp. [Ranunculus carolinianus DC. var. villicaulis Shinn., var. nov.]

A specie differt caulisbus hirsutis pilis patentissimis. TYPE: Freeport, Brazoria County, Texas, Geo. L. Fisher 48102, March 21, 1948 (in Herb. Southern Methodist University). In his “Treatise on the North American Ranunculi” (Amer. Midl. Nat. vol. 40 no. 1, 1948), Dr. Lyman Benson emphasizes the subglabrous condition of R. carolinianus as an important difference between it and R. septentrionalis Poir. (p. 82). Collections from the outer Coastal Plain in southeastern Texas, far out of the range of R. septentrionalis or R. hispidus Michx., have the densely and rather hispidly pubescent stems characteristic of those species, but the few, large, wing-margined achenes and mostly broad, short leaflets of R. carolinianus. The recognition of an endemic geographic variety seems warranted. The following additional collections of Ranunculus carolinianus var. villicaulis are in the SMU Herbarium.