

on east side of route 19, T 25 N, R 4 W, south part of sect. 1, 3½ miles west of New Liberty P. O., Oregon Co., June 26, 1951; and *Steyermark* 72012 from Dent. Co., July 7, 1951.

TRAGOPOGON MAJOR Jacq. This species, previously unreported from Missouri, has been recently added to the flora of the state. It is represented by two collections: *Steyermark, Swink, & Rouffa* 71731, open places along route 66, east of Eureka and east of Meramec River bridge, St. Louis Co., June 15, 1951; and *Shirley Sparling* 963, cindered area along r. r., T 58 N, R 23 W, sect. 5, northeast of Chillicothe, Livingston Co., June 24, 1951.—CHICAGO NATURAL HISTORY MUSEUM AND MISSOURI BOTANICAL GARDEN.

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CARDAMINE DIGITATA RICHARDSON (CRUCIFERAE).—Two substitute names have been proposed for this species of Alaska and Yukon Territory for no valid reason. O. E. Schulz (Bot. Jahrb. **32**: 372. 1903) transferred *Dentaria digitata* Lam. (Encycl. Meth. **2**: 268. 1786) to *Cardamine* and then proceeded to coin the name *C. hyperborea* (op. cit., p. 550) to replace *C. digitata* of Richardson (Franklin, Journey to the Shores of the Polar Sea. Botanical Appendix, p. 743. 1823). Schulz stated that "*C. digitata* (Lam. 1786)" had priority over Richardson's name. However, the specific name *digitata* was not used in *Cardamine* by Lamarck. The use of this name in *Cardamine* by Richardson for an entirely different species than that of Lamarck predates Schulz's transfer of Lamarck's name by eighty years. More recently Hultén (Flora of Alaska and Yukon, Lunds. Univ. Årssk. **41**: 838. 1945) proposed the name *Cardamine Richardsonii*<sup>1</sup> to replace *C. digitata* Richardson, saying that "*C. hyperborea* Schulz cannot be used for it either, as it does not at all agree with the description of that plant." Since *C. hyperborea* Schulz was a direct substitution for *C. digitata* Richardson, it rests on the same type and whether the description Schulz gave fits or not is not significant in so far as name priority is concerned. If there were any reason to reject *C. digitata* Richardson, then *C. hyperborea* Schulz, being the first substitute name, would be valid. However, *C. digitata* Richardson has priority and is valid. *C. hyperborea* Schulz and *C. Richardsonii* Hultén are both superfluous names for the same species.—R. C. ROLLINS.

<sup>1</sup> Properly rejected by Porsild, Bull. Nat. Mus. Canada **121**: 190. 1951. Also cf. Porsild, Sargentia **4**: 41. 1943.



Rollins, Reed C. 1952. "Cardamine digitata Richardson (Cruciferae)." *Rhodora* 54, 260–260.

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