

SYMPHYTUM.

S. ASPERUM Lepechin. See J. F. Macbride, *RHODORA*, xviii. 23-5, 1916. Salem (*J. H. Sears*, June 10, 1904); Andover (*A. S. Pease*, July 6, 1901); Sherborn (*Miss M. L. Loomis*, July, 1909); Dump, S. Natick (*K. M. Wiegand & M. Heatley*, June 30, 1908); Lexington, well established near Munroe Station, according to M. P. Cook in *RHODORA*, i. 82, 1899.

S. OFFICINALE L. Moist places, frequent.

VERBENACEAE.

VERBENA.

V. BRACTEOSA Michx. Waste lands, especially near textile mills; Lowell, Malden, Cambridge, S. Boston.

V. hastata L. Swamps and wet places, common throughout.

V. HISPIDA Ruiz & Pavon. About dumps, Cambridge (*A. S. Pease*, Oct. 16, 1908; *W. Deane et al.*, Aug. 28, 1913). A South American waif.

V. OFFICINALIS L. Rowley (*Wm. Oakes*, no date); S. Boston (*C. E. Perkins*, Sept. 27, 1880).

V. STRICTA Vent. Lawrence, waste heap (*M. E. Gutterson*, Aug. 6, 1902; *A. S. Pease*, Sept. 23, 1902).

V. urticaefolia L. Roadsides and moist places, common throughout.

C. H. KNOWLTON }
WALTER DEANE } *Committee on Local Flora.*

CORALLORRHIZA MACULATA RAF.

O. A. FARWELL.

In *RHODORA* for August, 1922, Dr. H. H. Bartlett, of the Botanical Garden, University of Michigan, Ann Arbor, presents a highly interesting paper on the color types of this species, attributing them to anthocyanins and glucosides of the flavonal group and maintaining that these types are genetical entities and not mere variations due to environment, and therefore of greater permanence and categorical value. The specific type is named var. *punicea*; the yellow type var. *flavida* (Peck) as a new combination; and the intermediate

form, which he calls the brown form, as a new var., *fusca*. In view of the widely scattered publications relating to the taxonomy of plants, it is not at all surprising that Dr. Bartlett missed a reference or two in his search of the literature pertaining to the subject. In *Torreyia* Vol. 16, page 231 for October, 1916, Prof. T. D. A. Cockerell published the new combination for the yellow type. In the Michigan Academy of Science, 19th Report for 1916, page 247, I published the brown type as *C. maculata* Raf. var. *intermedia*. Dr. Bartlett's var. *fusca*, therefore becomes a synonym of var. *intermedia*. The plants upon which the two varietal names for the brown form are based came from the same locality, Copper Harbor, Keweenaw Co., Mich. The only difference that I can detect from Dr. Bartlett's description of the var. *fusca* is that Mr. Hermann's specimens had spotted flowers as well as spotted lips while my specimens had purplish spots on the lips only. This slight difference, however, can scarcely be considered of such importance as to maintain the two as of different varieties.

DEPARTMENT OF BOTANY, Parke, Davis & Co., Detroit, Mich.

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Farwell, Oliver Atkins. 1923. "Corallorrhiza maculata Raf." *Rhodora* 25, 31–32.

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