

No. 500a, Sept. 24, 1900. Rochester, No. 2971, Aug. 4, 1912 and No. 5183, Oct. 6, 1918.

*Solidago serotina* Ait., var. *gigantea* (Ait.) A. Gr. Larger, leaves more or less pubescent beneath. Keweenaw Co., No. 826, August 30, 1890; Detroit, No. 826a, September 27, 1895; Parkedale, Nos. 3254 and 3278, October 27, 1912; Rochester No. 5198, October 10, 1918 and No. 7667, September 30, 1925 (Previously reported as *S. lepida*).

*Silphium laciniatum* Linn. Rosinweed. Along the railroad track near Ann Arbor. Scarce, No. 8224, June 27.

*Heliopsis helianthoides* (L.) Sweet. Ox-eye. Banks of Paint Creek, Ypsilanti. Scarce, No. 8236, July 18.

*Heliopsis scabra* Dun., var. *intermedia* Farw. Banks of the Huron River near Ann Arbor. Scarce. No. 8233, July 11, 1928.

*Brauneria angustifolia* (DC.) Heller. Black Sampson. The rays are rather stiff, white with two teeth, one to two inches long, spreading horizontally but not drooping. Along the railroad tracks. Scio, No. 8229, June 27.

*Anthemis arvensis* Linn, var. *agrestis* (Wallr.) DC. Corn Chamomile. This variety with the chaff shorter than the flower seems to be quite as frequent as the typical form of the species. Bloomfield, No. 8203, June 12.

*Centaurea Picris* Pall. Star Thistle. (See p. 2) Plentiful along the railroad tracks near Ann Arbor. I wish to thank Mr. S. F. Blake for confirmation of identification. I am using the name that Mr. Blake, at least for the present, thinks to be more accurate and therefore the more preferable. Dr. A. Von Hayek of Europe, like the Californians, uses *C. repens* Linn as the proper name for the species called *C. Picris* by Pallas. No. 8225, June 27 and July 11.

*Tragopogon neohybridus* n. sp. (*T. porrifolius* x *pratensis* var. *tortilis*). For several years I have been puzzled to place a wild Salsify with red flowers. These red flowered plants were always seen from the window of an electric interurban car. This year I determined to thoroughly investigate and collect specimens. Apparently these red flowered plants are

the results of natural crosses of the species named above. The color of the flower is an exact intermediate which has been proved by mixing paints of the colors of the respective flowers of the parents. The ligulate corollas of *T. porrifolius* are Light Perila Purple and about one half the length of the involucreal scales, the peduncle thickened and fistulous under the head. *T. pratensis* var. *tortilis* has Lemon Yellow corollas as long as the scales and the peduncles, little swollen under the head; the ends of the leaves are curled and twisted. In *T. neohybridus* the flowers are a Neutral Red and the corollas are of the same length as, or slightly shorter than, the scales; the peduncles are little too much swollen under the head; the leaves on some plants are corkscrew-shaped as in *T. pratensis* var. *tortilis* and on others straight and flat as in *T. porrifolius*. It has much the appearance of a red flowered *T. pratensis* or of its var. *tortilis*. The color nomenclature is that of Ridgeway (1912). Nos. 8210 and 8211, Ann Arbor township, June 20.

*Tragopogon pratensis* L., var. *tortilis* Mey. With the preceding and by far the most abundant, constituting about 90 per cent of the colony. No. 8212.

*Tragopogon porrifolius* Linn. With the above. No. 8208. A variation of this has the corollas and involucreal scales of the same length. It does not differ in other respects. It may be known as *T. porrifolius* Linn, var. *aequalis* n. var. If this variety is the result of a cross between the purple and yellow flowered species, the only influence of the yellow flowered species observable is in the shortening of the involucreal scales; some of the corollas dry out red. No. 8209. With the above.

*Tragopogon major* Jacq. A third station for this species has been found in Michigan, this time in Scio township, Washtenaw County, the second station for this county. We observed about 100 plants. No. 8228, June 27.

*Hieracium longipilum* Torr. Hawkweed. In sandy fields. The long, stiffly ascending, *white* hairs are a conspicuous feature of the plant. Scarce. Hamburg, No. 8244, July 25.

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