

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.

Department of Botany,
Parke, Davis & Company,
Detroit, Mich.