

Pyrrhopappus grandiflorus. *Borkhausia grandiflora*, Nutt. in Journ. Acad. Nat. Sci. Philad., Vol. VII., p. 69. *Pyrrhopappus scaposus*, Decand. Prod., Vol. VII., p. 144. The achenium, seen in a young state, exhibits a short rostrum.

HAB. In the plains of Arkansa, (Dr. Pitcher;) also in Mexico, (Berlandier.)

Pyrrhopappus Carolinianus. β . **maximus*; smooth, leaves for the most part laciniately pinnatifid, acuminate; capitulum very many-flowered.

HAB. In Arkansa. Two to three feet high; the root apparently perennial; the lower leaves a foot long, with divaricate, linear segments. Stipe of the achenium about twice its length. The pappus decidedly simple, not in the least scabrous, seen through an ordinary microscope. Sepals with a lateral, obtuse tooth at the summit, as in the original species. Branches of the stigma short, rather obtuse, and pubescent.

TARAXACUM. (Haller.)

Taraxacum **montanum*; very smooth; leaves spatulate-oblong, nearly entire or runcinately toothed; scape smooth, much longer than the leaves; caliculus biserial, short and appressed, the scales ovate, or lanceolate, with broad membranaceous margins; sepals not corniculate, about twelve; achenium spinosely muriculate at the summit, scarcely half the length of the rostrum.

HAB. On the banks of the Platte, in subsaline situations towards the Rocky Mountains, and in the highest valleys of the Colorado of the West. Allied very nearly to *T. obovatum* and *T. collinum*. Perennial. Leaves three or four inches long, half to three-quarters of an inch wide, erect; never pinnatifid, mostly obtuse, the teeth shallow and simple. Base of the stem, in a young state, somewhat pubescent, in the axills only. Scape six to ten inches high, perfectly smooth. Flowers rather small.

MACRORHYNCHUS. (Lessing.)

OBS. The genus ought probably to be confined to the species with an alated, winged achenium.

Subgenus **KYMAPLEURA*.† *Achenia compressed, deeply alated, ten-ribbed, the wings undulated; the exterior series hirsutely pubescent, the interior smooth, with narrow ribs.*

Macrorhynchus **heterophyllus*; ☉, more or less hirsute; primary leaves spatulate, the rest pinnatifid, with remote linear segments, the central lobe elon-

† From *κυμα*, a wave, and *πλευρα*, a rib, the achenium having undulated ribs.