

7. *Crepis tibetica* sp. nov.

Perennial, about 50 cm. high, with short horizontal or oblique rhizomate rootstock and fibrous roots; radical leaves up to 22 cm. long and 2.2 cm. wide, rather few, ascending, oblanceolate, acute or obtuse, dentate, runcinate-pinnatifid with remote narrow acute segments, tapering into a winged petiole nearly equal to blade, sparsely hispidulous on both sides with yellow eglandulose hairs or glabrescent above and hispid only on the veins beneath; cauline leaves similar, upper ones bract-like; stems 3-5, erect, elongate, remotely 3-5-branched from near base or 2-3-branched above, terete, striate, glabrous or like branches sparsely gland-pubescent above especially at bifurcations; branches arcuate or semi-erect, corymbosely 2-5-headed; peduncles 0.5-4.5 cm. long, slender, like involucre  $\pm$  canescent-tomentose and pubescent with unequal mottled gland-hairs; heads erect, medium, 44-58-flowered; involucre campanulate; outer involucre bracts 8-10, unequal, longest 2.5-3.0 mm. long, lanceolate, obtuse; inner involucre bracts 12-14, lanceolate, acute, innermost with membranous margins, becoming spongy-thickened dorsally at maturity, ultimately reflexed, ventrally glabrous; receptacle areolate, areolae *ca.* 0.4 mm. diam., glabrous, with circular elevation *ca.* 0.05 mm. high  $\times$  0.2 mm. diam., corolla *ca.* 9.5 mm. long; ligule *ca.* 5 mm.  $\times$  1.25 mm., teeth 0.25 mm. long, obtuse, conspicuously glanduliferous; corolla-tube slender, densely white pubescent with crinkled hairs; anther-tube *ca.* 2.4 mm.  $\times$  0.8 mm. dissected (length/width = 3), appendages 0.6 mm. long, acuminate; style-branches dark green or black, 0.5 mm. long; achenes golden brown, 4-4.5 mm. long, fusiform, narrowed toward the calloused hollow base, rather strongly attenuate toward the narrow summit, with expanded pappus-disk 0.25 mm. diam., 10-12-ribbed, ribs narrow, rounded, smooth; pappus 3.5-4.0 mm. long, white, of one or two series of fine soft barbellulate bristles,  $\pm$  united at base, persistent. Flowering August; flowers yellow.

Tibet, Western Szechwan and Yunnan between 2700 and 5000 m. alt.

Western Szechwan and Tibetan frontier, chiefly near Tatsienlu, 2700-5000 m., *Pratt 599* (K) type; Tibet, Kiji Chu Valley near Lhasa, *Walton* in 1904 (K); Eastern Tibet, Tatsienlu, *Soulié 750* (K); Yunnan, *Forrest 15608* (K) form 1.

## NUMBERED FORM

1. *CREPIS TIBETICA*, but stems branched only at the top forming a 3-5-headed close corymb; leaves dentate, finely hispidulous on both sides. *Forrest 15608* (K) Yunnan.

*Relationship.*—Most nearly related to *C. gmelini* (L) Tausch, but distinct from this in the much larger size of plant, the more strongly attenuate achenes, in size of corolla, size and length:width ratio of anther-tube, size of appendages, length of pappus and surface of receptacle. Less close, although similar, to *C. elongata* from which it differs notably in its corymbose aggregate inflorescence and more slender, golden brown achenes.