

Lactuca monocephala Chang, sp. nov.

(Sect. *Mulgedium* Cass.). Herba perennis; rhizoma crassum, ramosum, circ. 1 cm. diametro, perpendiculum, ad 12 cm. longum, fibris radiceis vestitum. Caulis subscaposus, erectus, vel ascendens, gracilis, teres, inferne glabrus, superne parce pilosulus, unicephalus. Folia radicalia elliptica vel oblanceolata, irregulariter sinuato-dentata vel leviter pinnatifida, dentibus apiculatis, apice obtuso-mucronata, basi angustata, subsessilia, supra viridia, subtus glaucescentia, utraque facie glabra, ad 5.5 cm. longa, 1.6 cm. lata, nervis abeuntibus supra obscuris subtus prominulis anastomosantibus; folia caulina inferiora similaria, pauca, sessilia, suprema bracteiformia, submembranacea. Capitula solitaria, fere cernua, ad 3 cm. diametro. Involucrum campanulatum, 1-1.5 cm. longum, basi 0.5 cm. latum, glabrum; squamae 3-4-seriatae, exteriores ovatae, 3.5 mm. longae, 2 mm. latae, interiores longiores, intimae anguste oblongae, 13 mm. longae, 2 mm. latae. Flores numerosi, violacei. Corolla circ. 22 mm. longa, ligula 17 mm. longa 2 mm. lata apice truncata 3-5-dentata, dentibus obtusis pilosulis, multinervia, nervis obscuris, basi villosa, tubo circ. 5 mm. longo tenuo glabro. Antherae 3.5 mm. longae, nigrae, apice acutae, basi breviter sagittatae; filamenta circ. 2.5 mm. longa, glabra. Stylus circ. 17 mm. longus, violaceus, glabrus, ramis stigmaticis circ. 2.5 mm. longis filiformibus. Germen circ. 4 mm. longum, apice attenuatum, glabrum, compressum, Pappi 5.5 mm. longi, albi, pauciseriati.

Yunnan G. Forrest, no. 11231. (type in Herb. Kew.).

This new species resembles *L. tartarica* C. A. Mey. which has leafy and branched stem and medium-sized heads, but it is quite distinct from the latter by having 1-headed stem with few leaves and large campanulate head.

Lactuca polycephala (Cass.) Benth. Gen. Plant. 2: 536. 1873.

Crepis Bonii Gagnep. in Bull. Soc. Bot. Fr. 68: 47. 1921. syn. nov.

Lactuca Matsumurae Makino, Notes on Jap. Fl. 15, in Bot. Mag. Tokyo 6: 56. 1892. syn. nov.

It is distributed in China: Shensi, Kansu, Kiangsu, Chekiang, Yunnan, Kwangtung; Formosa, Indo-china, India Afghania to Knasia and Burma.

This species is closely allied with *Lactuca chinensis* (Thunb.) Makino but is remarkable by the sagittate leaf-bases, smaller heads and dilate base of involucre in fruiting heads.

Lactuca scandens Chang, sp. nov.

(Sect. *Cicerbita* Wallr.). Herba perennis? Caulis semi-scandens, fistulosus, obscure striatus, pallide violaceus, rubri-setosus, circ. 4 mm. diametro. Folia radicalia ignota, caulina inferiora et mediana longe petiolata, suborbicularia vel sub-reniformia, obscure angulo-denticulata, apice acuminata, basi cordata, 4.5-5.5 cm. longa, 4.5-7.5 cm. lata, 5-7-palmatinervia, supra viridia et puberula, subtus rubri-setosa ad venas pilis rubris densis oblecta, petiolo tenuo interdum leviter alato dense rubri-setoso ad 9 cm. longo basi dilatato; folia suprema ovata vel oblongo-ovata, denticulata, sessilia vel breviter petiolata, petiolo late alato basi amplexicauli. Capitula 4-5-flora, pedunculata, 2-3, racemosa, racemis brevibus, axillaribus, pedunculis rubri-setosis 1-1.5 cm. longis. Involucrum cylindricum rubri-setosum, atroviride; squamae paucae, herbaceae, exteriores minutae vel obsoletae, interiores 4-5, uniseriatae, lineares, circ. 12 mm. longae, 1.5 mm. latae, subacutae, obscure uninerviae. Flores flavi, exserti. Corolla circ. 14 mm. longa, tubo 7 mm. longo glabro apice dilatato, ligula 7 mm. longa 1.5 mm. lata apice truncata 5-dentata, dentibus obscuris subintegris. Antherae circ. 4 mm. longae nigrae, apice acutae, basi breviter sagittatae; filamenta, glabra, circ. 1.3 mm. longa. Stylus circ. 17 mm. longus, inferne luteus, glabrus, superne nigrus, papillosus. Germen compressum, circiter 1.5 mm. longum, obscure striatum, glabrum, basi cuneatum, apice contractum. Pappi setae circ. 6.5 mm. longae, sordide albae.

Szechuan: vicinity of Pa-hsien (Chungking), Oct. 1932, T. T. Yü, no. 1702. (type in Herbarium of the Science Society of China at Nanking).

The nearest ally of this new species is *Lactuca hirsuta* Franch. which is hispid with white indumentum intermixed with glandular hairs and also lyrate leaves and dirty white pappus. It differs from the latter in having red indumentum without glandular hairs, white pappus and undivided leaves.