

Herba erecta c. 50–60 cm. alta. *Caulis* striatus glandulopilosus leviterque araneosus, dimidio superiore paniculate ramificatus. *Folia* radicalia non visa; folia caulina inferiora ad 8·5 cm. longa, 4 cm. lata, petiolata, pinnatisecta, utrinque 4–5 lobis angulolobulatis, lobis lobulisque apice mucronata, margine plus minusve revoluta, petiolis ad 3·5 cm. longis, saepius plus minusve alatis, canaliculatis, basi subamplexicaulibus, suffulta; folia caulina intermedia sessilia, pinnatim lobatim, basi auriculata semiamplexicaulia; folia suprema lanceolata, margine sinuato-dentata, basi leviter auriculata; omnia supra sicco nigro-brunnea scabrida, subtus ad costam nervosque pilis resiniferis luteis crebre instructa aliter dense niveo-araneosa. *Capitula* solitaria, ramulos laterales terminantia, ad 2 cm. diametro. *Involucris* bracteae exteriores foliaceae, interiores excedentes, indumento ei foliorum simili; interiores oblongo-lineares, ad 12 mm. longae, 1·25 mm. latae, apice longe attenuatae, biflectae, dorso brunneo-pilosae, margine ciliatae. *Flosculi* 20–30. *Corolla* alba, 10 mm. longa; tubus 7·5 mm. longus, apicem versus subito dilatatus; lobi 2·5 mm. longi. *Antherae* purpureo-brunneae, c. 3·5 mm. longae, exsertae, basi longe fimbriato-caudatae. *Achaenia* c. 2·5 mm. longa, 4-angulata, ad angulos tuberculata; pappus pallide fuscus, 8 mm. longus, uniseriatus, plumosus. *Receptaculi* fimbriellae c. 8 mm. longae, achaenia multo excedentes.

Doi Chiengdao, c. 2100 m., open rocky ground, *Kerr* 6613.

***Lactuca Garrettii* Kerr** [Compositae—Cichorieae]; ab affini *L. hastata* DC. capitulis maioribus, foliis magis lobatis recedit.

Herba robusta, erecta, 50 cm. alta vel ultra. *Caulis* fistulosus, crebre striatus, juventute leviter brunneo-tomentosus, mox glabrescens, superne ramosus. *Folia* radicalia non visa; folia caulina sessilia, inaequaliter pinnatim lobata, ad 17 cm. longa, 5 cm. lata, lobo terminali ad 8 cm. longo, 3·5 cm. lato, apice longe sensimque acuminato, acuto, lobis lateralibus utrinque 1–3, obtusis, mucronatis, ad 2·5 cm. longis, 1·7 cm. latis, margine remote mucro-dentata, basi auriculata, amplexicaulia, supra glabrescentia, subtus ad costam nervosque prominentes sparsim brunneo-tomentosa. *Capitula* pedunculis 1·5–7 cm. longis, brunneo-tomentosis, suffulta. *Involucris* bracteae pluri-seriatae, glabrae, introrsum sensim maiores; exteriores 3 mm. longae; interiores ad 13 mm. longae, 2 mm. latae, margine anguste scariosae. *Flosculi* c. 12, violacei (ex *Garrett*). *Corollae* tubus 5 mm. longus; ligula 12 mm. longa, 5 mm. lata. *Antherae* 5·5 mm. longae. *Achaenia* (omnia matura visa imperfecta, basi erosa) compressa, fere nigra, in rostrum pallidius c. 4·5 mm. longum sensim attenuatum, disco pappifero 0·75 mm. diametro; pappus interior albus, c. 7 mm. longus; pappus exterior ex setis brevissimis constans.

Doi Ka, Pa Ngem, 2145–2195 m., *Garrett* 68.

***Lactuca Putii* Kerr** [Compositae—Cichorieae]; species *L. hastatae* DC. affinis a qua capitulis minoribus 4–5-floris differt.

Herba erecta 60 cm. alta vel ultra. *Caulis* superne paniculatum ramosus, parce crispatis brunneo-tomentosus. *Folia* radicalia non visa; folia caulina petiolata, lyrata, ad 9 cm. longa, 4.8 cm. lata, supra parce breviter pilosa, subtus brunneo-tomentosa praesertim ad costam nervosque, margine dentata, lobo terminali late ovato, breviter acuminato, ad 7 cm. longo, 4.8 cm. lato, lobis lateralibus duobus, ad 1.2 cm. altis, 1.2 cm. latis, rotundatis; petiolus plus minusve alatus, basi interdum leviter auriculatus. *Capitula* nutantia, 4-5-flora, in ramos breves laterales racemiforme disposita. *Involucri* bracteae pluriseriatae, inaequales, interiores gradatim maiores; exteriores ovatae, sub-acutae, dorso minute glandulopunctatae, 3-6 mm. longae, 1.5 mm. latae; interiores lineari-oblongae, ad 15 mm. longae, 2.5 mm. latae. *Corollae* tubus 8 mm. longus; ligula 7 mm. longa, 2 mm. lata. *Achaenia* compressa, fere nigra, supra minute hispidula, 7 mm. longa, margine incrassata, utraque facie 3-costata, basi leviter contracta, sursum in rostrum 4 mm. longum sensim attenuata, disco pappifero 0.75 mm. diametro; pappus albus, c. 6 mm. longus; pappus exterior nullus.

Doi Chiengdao, *Put* 367.

***Lactuca riparia* Kerr** [Compositae—Cichorieae]; *L. polycephalae* Benth. affinis, foliis pinnatilobatis, capitulis minoribus inter alia differt.

Herba erecta, probabiliter annua, superne ramosa, ad 40 cm. alta. *Caulis* leviter striatus. *Folia* radicalia pinnatilobata, interdum fere pinnata, petiolata, ad 12 cm. longa, petiolo incluso, 1.7 cm. lata, lobis utrinque 3-4, ovatis apiculatis, ad 0.8 cm. longis, 0.6 cm. latis, infimis multo minoribus, lobo terminali late ovato, ad 2 cm. longo, 1.5 cm. lato; petiolus gracilis, ad 3.5 cm. longus, basi amplexitens, haud auriculatus; folia caulina inferiora minus lobata, petiolo alato basi leviter auriculato; folia superiora sessilia, hastato-triangularia, apice breviter acuminata, basi auriculata, amplexicaulia, auriculis dentatis. *Capitula* in corymbum late ramosum, minute bracteatum, disposita, pedunculis filiformibus ad 1.5 cm. longis suffulta. *Involucri* bracteae exteriores aequales triangulariae, 0.75 mm. longae; interiores lineari-lanceolatae, 4 mm. longae, 1 mm. latae. *Flosculi* 16-23 pro capitulo. *Corolla* pallide flava, tubo 1.5 mm. longo, ligula 3 mm. longa, 5-dentata. *Antherae* 1.5 mm. longae, apice truncatae, basi breviter setiferae. *Achaenia* fusca, elliptica, compressa, valde costata, secus costas hispidula, 1.75 mm. longa, apice in rostrum tenue fuscum minute hispidulum, 2.75 mm. longum, angustata; pappus albus, uniseriatus, 3 mm. longus. *Receptaculum* papillatum.

Ubon, Chanuman, on banks of Mè Kong, *Kerr* 8386.

***Lactuca siamensis* Kerr** [Compositae—Cichorieae]; a *L. chinensi* Makino achenii rostro multo brevior, a *L. gracili* DC. capitulis maioribus acheniis longioribus brevius rostratis recedit.