

1937; S. Y. Hu in Quart. Journ. Taiwan Mus. 19(3 — 4): 236, 1966. —
Lactuca gombalana Hand.-Mazz. in Anzeig. Akad. Wiss. Wien. Math.-Nat. Kl.
 61:23, 1924 et Symb. Sin. 7:1183, 1936.

西藏: 青藏队 74-3798。模式标本采自云南德钦。

13. 假蒲公英

Dubyaea amoena (Hand.-Mazz.) Steb. in Journ. Bot. Brit. For. 75:17, 1937
 et in Mem. Torrey Bot. Club 19(3): 25, 1940; S. Y. Hu in Quart. Journ.
 Taiwan Mus. 19(3 — 4): 235, 1966 — *Lactuca amoena* Hand.-Mazz. in
 Anzeig. Akad. Wiss. Wien. Math.-Nat. Kl. 61:23, 1924 et Symb. Sin. 7:1183,
 1936.

云南: 冯国楣 7849; 俞德浚 20261; G. Forrest 22798。模式标本采自云南贡山(?)。

14. 金阳厚喙菊 新种

Dubyaea jinyangensis Shih, sp. nov.

In cogeneris species nostra calathidiis parvis, involucris anguste campanulatis,
 flosculis paucis, 7 in numero insignis.

Herba perennis, radice fusiformi, 7mm diam., caulem singulum edenti. Caulis
 erectus 15cm altus, superne corymboso-paniculato-ramosus, per longitudinem pilis
 multicellularibus nodulis densius obtectus. Folia longe elliptica, sessilia, basi
 cuneata, leviter auriculato-dilatata, semiamplexicaulia, apice acuminata, margine
 grosse dentata vel inconspique pinnatilobata, supra glabra, subtus praesertim ad
 nervos pilis multicellularibus nodulis obsecta, illa media majora, 7—8cm longa,
 2cm lata. Calathidia 9 in numero, ad apices ramorum et caulis inflorescentiam
 paniculato-corymbosam terminalem formantia, Pedicellus gracilior, bracteolis
 subulatis. Involucrum anguste campanulatum, 1.5cm longum, 5mm diam., phyllis
 3-seriatis, exterioribus ovatis vel lanceolatis, 2—5mm longis, 1mm latis, apice
 acutis vel obtusis, mediis interioribusque lanceolatis 1.5cm longis, 2mm latis, apice
 acutis; omnibus atro-viridibus, dorso ad nervos pilis multicellularibus nodulis
 nigris obsectis. Flosculi ligulati flavi, 7 in numero. Achaenia brunnea, longe
 elliptica, apice truncata, leviter compressa, costis 8, inaequicrassis. Pappus
 brunneus, setis 7mm longis, scabris.

Sichuan (四川): Jinyang (金阳), 1976. 09. 08, alt. 3400m, sine nomine
 collectoris, 14787 (Typus, PE).

多年生草本。根纺锤状, 直径 7mm。茎单生, 直立, 高 15cm, 上部伞房状圆锥花
 序分枝, 全部茎枝被稠密的黑色多细胞长节毛。叶长椭圆形, 无柄, 基部楔形, 耳状扩
 大半抱茎, 顶端渐尖, 边缘有大锯齿或不明显羽状浅裂, 上面光滑无毛, 下面特别沿脉
 被多细胞长节毛, 中部茎叶较大, 长 7—8cm, 宽 2cm。头状花序 9 枚, 在茎枝顶端排
 成顶生的圆锥状伞房花序。花梗细, 有钻形小苞片。总苞狭钟状, 长 1.5cm, 直径 5mm,
 总苞片 3 层, 外层卵形或披针形, 长 2—5mm, 宽 1mm, 顶端急尖或钝, 中内层披针

形,长1.5cm,宽2mm,顶端急尖,苞片黑绿色,背面沿中脉被黑色的多细胞长节毛。小花舌状,黄色,7枚。瘦果褐色,长椭圆形,顶端截形,微压扁,有8条不等粗的纵肋。冠毛褐色,长7mm,糙毛状。

二、合头菊属 *Syncalathium* Lipsch.

Lipsch. В. Академу Н. С. Сукачеву К 75 Летю Со Для Рождения, АН СССР, 358, 1956; Ling in Act. phytotax. Sin 10(3): 285, 1965 — *Lactuca* L. Sect. *Aggregatae* Franch. in Morot. Journ. de Bot. 9:257, 1895; Stebbins in Mem. Torrey Bot. Club 19(3): 47, 1940.

这个属是 S. J. Lipschitz, 在 1956 年根据 *Syncalathium sukaczewii* Lipsch. 建立的。1965 年林镛先生曾对这个属进行过修订, 提供了这个属的较完备的概念。需要补充说明的是, 它与绢毛菊 (*Sorosseris*) 在体态上颇为相似, 但两者的区别在于前者舌状小花紫红色, 后者为黄色。

1. 圆叶合头菊 新种

Syncalathium orbiculariforme Shih, sp. nov. — *S. souliei* acut. non (Franch.) Ling: Ling in Act. Phytotax. Sin. 10(3): 286, 1965, p. p.

Planta *S. disciformi* (Mattf.) Ling proxima, sed foliis indivisis, orbiculariformibus, fere orbiculariformibus, late ovatis vel ellipticis bene differt.

Herba annua, 5—10cm alta, rosulans. Radix tenuis, verticalis, 1mm diam. Caulis brevissimus, carnosus, sub glomerulo incrassatus. Folia in rosulam praesertim aggregata, orbiculariformia, vel suborbiculariformia, late ovata vel elliptica, 0.8—2cm longa, 0.8—1.5cm lata, apice rotundata vel obtusa, basi truncata vel leviter cordata, margine integra vel apiculata vel triangulariter inaequaliter dentata vel denticulata, interdum basi dentibus majoribus paucis, utrinque sparse pubescentia, petiolis 0.6—4.5cm longis, basi vaginato-dilatatis. Calathidia numerosa vel pauca ad apicem caulis in glomerulum 1.5—3.5cm diam. dense aggregata. Involucrum anguste cylindricum, 3mm diam; phylla 4—5 in numero, 1-seriata, subaequilonga, lanceolata vel elliptico-lanceolata, c. 9mm longa, c. 2mm lata, apice obtusa vel rotundata, subtus nigro-hispida. Flosculi 4—5 in numero, ligulati, caerulei vel pallide caerulei, ligulis 8mm longis, 2.8mm latis, apice 5-denticulatis, tubis 8mm longis. Styli rami 2mm longis, plano-convexi. Achaenia anguste obovaoidea, 3mm longa, 1mm lata, compressa, apice rotundata, brevissime rostellata, 1 vel 2 tenuiter costulatis. Pappi setae 3-seriatae, aequilongae, 7mm longae, minute serrulatae, in annulum non concretae, pallide fuscae.

Sichuan (四川): Kangding (康定), alt. 3700—4600m, C. S. Liu (刘振书) 1454; Yajiang (雅江), alt. 4260m, 1974. 09. 12, Q. E. Wang (王清尔) 4985 (Typus, PE); Daofu (道孚), alt. 4200m, H. Smith sine numero; Xiangcheng (乡城), alt. 3800—3900, Qinghai-Xizang Exped. (青藏队)