

lateralibus 1—2-jugis, ellipticis, basi late confluentibus, apice acutis vel obtusis; folia superiora inferioribus mediisque similia, sed minora; folia sub furcis ramorum inflorescentiae indivisa, linearia, lineari-lanceolata vel elliptica, sessilia; omnia utrinque viridia, ad nervos pilis furfuraceo-strigosis oblecta, margine apiculato-denticulata. Calathidia numerosa vel pauca, in inflorescentiam paniculatam terminalem disposita, pedicellis gracilibus. Involucrum campanulatum, 1.5 cm longum; 5—7 mm diam., involucri phyllis 4-seriatis, imbricatis, exterioribus triangulatis, 3.5—6 mm longis, 1.5—2 mm latis, mediis lanceolatis vel anguste ellipticis, 1.2 cm longis, 2—3 mm latis, interioribus late linearibus 1.4 cm longis, 1 mm latis, omnibus apice acutis vel obtusis, dorso ad lineam mediam plano-squamoso-setosis. Flosculi ligulati 23, purpurei vel purpureo-rosei. Achaenia elliptica, 5 mm longa, 1.8 mm lata, atro-brunnea, compressa, margine late crassa, costulata, facie costulis 3, elevatis, interse distantibus, utrinque pilis pellucidis in series transversas undulatas dispositis, ad costulas et margines longioribus, sursum directis, inter costas et pro parte inferiore ad margines brevissimis oblecta, apice in rostrum albidum 3 mm longum attenuata. pappi setae exteriores e pilis paucis brevissimis efformantes; pappi setae interiores e pilis numerosis longissimis, minute denticulatis, fragilibus, 7 mm longis efformantes; omnes albiae.

Sichuan (四川): Muli (木里), ad marginem sylvae, alt. 3200 m, 1937.09.07., T. T. Yu (俞德浚) 14393; Anning (安宁), prope aquam, 1958.08.24., X. Li (李馨) 78448. **Yunnan** (云南): Yangbi (漾濞), prope aquam, 1940.11.04., R. C. Ching (秦仁昌) 25479; Zhongdian (中甸), in sylva, alt. 3100 m, 1960.08.24., Exped. Zhongdian (中甸队) 1126. **Xizang** (西藏): Bomi (波密), in cultis, alt. 3500 m, 1965.09.05., T. Sh. Yin et Hong. D.—Y. (应俊生和洪德元) 1123 (Typus, PE); Nyingchi (林芝), 1975.09.16., Qinghai-Xizang Exped. Scien. (青藏科学考查) 7889.

11. 粗毛毛鳞菊 新种 图 1:8

Chaetosaris hispida Shih, sp. nov.

Herba perennis, radice palari. Caulis erectus, 1—2 m altus, basi 1 cm diam., superne paniculato-ramosus, ad inflorescentiam pilis multicellularibus noduliformibus capitellatis dense oblectus. Folia inferiora et mediaeque lyratopinnatisecta, petiolata, petiolis alatis, ad 10 cm longis, basi leviter ampliatis, non auriculato-semiamplexicaulibus, lobis terminalibus triangulato-hastatis, ovatis vel triangulatis, 5.5—8 cm longis, 4—6 cm latis, apice acutis vel acuminatis, lobis lateralibus 1—jugis, longe ellipticis, 2—6 cm longis, 1—3 cm latis, basi late confluentibus; folia superiora inferioribus mediisque similia, sed minora vel indivisa; folia sub furcis ramorum inflorescentiae longe ovata, elliptica vel anguste lineari-lanceolata, apice longe acuminata; omnia supra in superficie tota et subtus ad nervos pilis furfuraceo-strigosis tecta, margine mucronulato-denticulata. Calathidia numerosa, in inflorescentiam paniculatam terminalem disposita. Involucrum longe ovoideum, 1.6 cm

longum, 7 mm diam., involucri phyllis 5-seriatis, imbricatis, exterioribus triangulatis ad lanceolatos, 3—5 mm longis, 1.5—2 mm latis, mediis lanceolatis, 0.6—1.2 cm longis 1.8—2 mm latis, omnibus apice acutis vel obtusis, phyllis intimis exclusis dorso ad lineas medias plano-squamoso-setosis. Flosculi ligulati 11—15, purpurei, apice 5—fidi. Achaenia oblanceolata, atro-brunnea, 4—4.5 longa, 2 mm lata, compressa, margine late crassa, costulata, facie costulis 3 tenuibus, elevatis, inter se distantibus, utrinque pilis pellucidis in series transversas undulatas dispositis, superne ad costulas et margines longioribus, sursum directis, inter costulas et inferne pro parte majore ad marginem brevissimis oblecta, apice in rostrum 1.8 mm longum, albidum attenuata. Pappi setae exteriores e pilis paucis brevissimis efformantes; pappi setae interiores e pilis numerosis longissimis, minute denticulatis, 7 mm longis efformantes; omnes albidae.

Sichuan (四川): Nanchuan (南川), alt. 2000 m, 1957.10.08., G. F. Li (李国凤) 64493 (Typus, PE); Leibo (雷波), 24 VII 1934.07.24., T. T. Yu (俞德浚) 3532, 4048; Meigu (美姑), in pratis ad latera montis, 1959.08.20., Sichuan Exped. Pl. Econ. (四川经济植物采集) 1806.

12. 川甘毛鳞菊 川甘岩参 图 1:1

Chaetoseris roborowskii (Maxim.) Shih, com. nov. — *Lactuca roborowskii* Maxim. in Bull. Acad. Sci. St. Petersburg. **29**: 177, 1833 et in Mel. Biol. **11**: 803, 1883; Forbes et Hemsl. in Journ. Linn. Soc. Bot. **23**: 483, 1888. — *Lactuca prattii* Dunn in Journ. Linn. Soc. Bot. **35**: 513, 1903. — *Cicerbita roborowskii* (Maxim.) Beauverd in Bull. Soc. Geneve 2 Ser. **2**: 135, 1910; S. Y. Hu in Quart. Journ. Taiwan Mus. **19** (1—2): 48, 1966; 中国高等植物图鉴 **4**: 691, 1975; 西藏植物志 **4**: 952, 1985.

甘肃: 钟补求 9111, N. M. Przewalsk 25 VII 1880 (isotype of *Lactuca roborowskii* Maxim.), 何业祺 5359, 4965, 王作滨 5271, 7100, 5763, 傅坤俊 1404, 5085. **青海**: 钟补求 8917, 10072, 刘继孟 6738, 杨永昌 01174. **宁夏**: 夏纬瑛 3921. **内蒙古**: 马毓泉 61, 何业祺 7338. **四川**: 关克俭与王文采 1705, 652, 吴中伦 33308, 南水北调队 9498, 何铸与周子林 13013, 李馨 78063. **西藏**: 青藏队 76—11351, 青藏队植被组 76—9891, 76—9683, 76—8949, 青藏科考队 12468, 12306, 应俊生与洪德元 1127.

生山坡林下、灌丛或草地, 海拔 1900—2500m。模式标本采自甘肃。

13. 丽江毛鳞菊

Chaetoseris likiangensis (Franch.) Shih, comb. nov. — *Lactuca likiangensis* Franch. in Journ. de Bot. **9**: 259, 1895—*Cicerbita likiangensis* (Franch.) Beauverd in Bull. Soc. Bot. Geneve 2 Ser. **2**: 134, 1910; Hand.—Mazz., Symb. Sin. **7**: 1180, 1936; S. Y. Hu in Quart. Journ. Taiwan Mus. **19** (1—2): 48, 1966—*Lactuca forrestii* W. W. Smith. in Notes Bot. Gard. Edinb. **8**: 112, 1913.

云南: G. Forest 13123, 6703; 北京所横断山队 02782, 俞德浚 15619. **四川**: 青藏队 83—14896, 83—13515.

生山坡岩石上或林下或草地。海拔 1900—3150m。模式标本采自云南丽江。

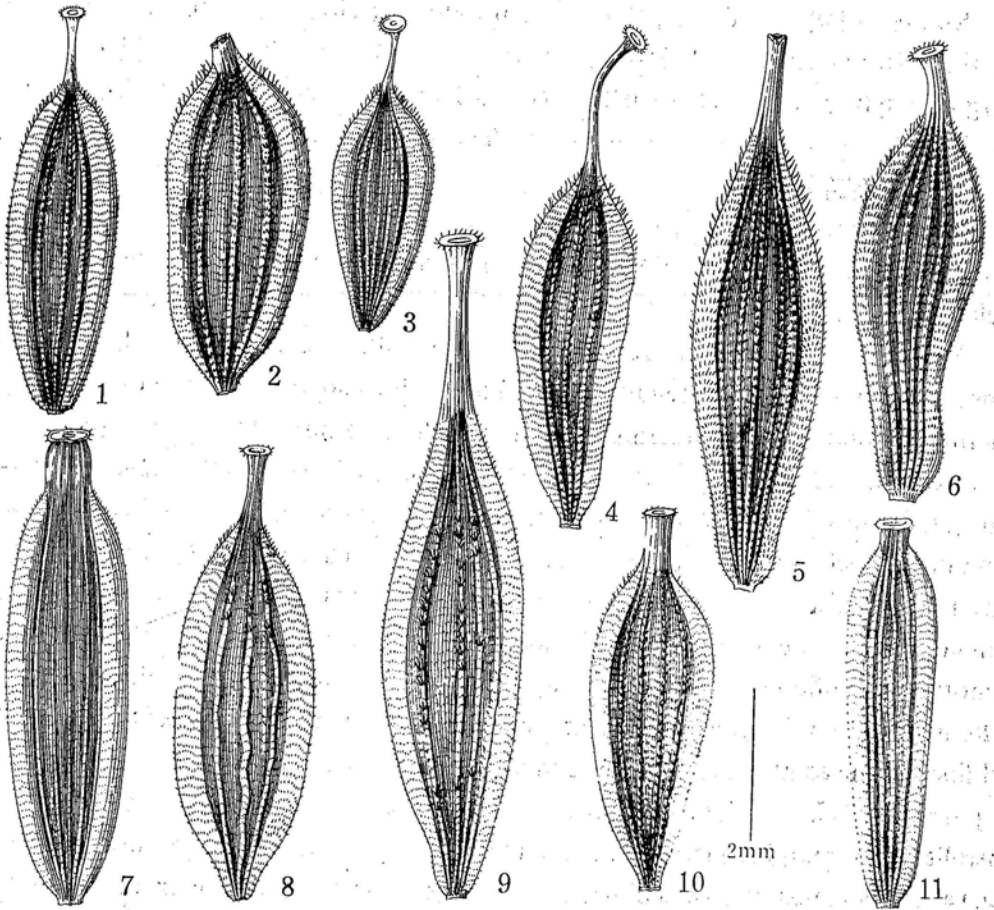


图1 毛鳞菊属与细莴苣属一些种的瘦果示意图 Achenes of some species of *Chaetosaris* and *Stenosaris* 1. 川甘毛鳞菊 *Chaetosaris roborowskii*; 2. 蓝花毛鳞菊 *Ch. cyanea*; 3. 菱裂毛鳞菊 *Ch. rhombiformis*; 4. 栉齿毛鳞菊 *Ch. pectiniformis*; 5. 光苞毛鳞菊 *Ch. leiolepis*; 6. 大花毛鳞菊 *Ch. grandiflora*; 7. 细莴苣 *Stenosaris graciliflora*; 8. 粗毛毛鳞菊 *Chaetosaris hispida*; 9. 戟裂毛鳞菊 *Ch. taliensis*; 10. 滇藏毛鳞菊 *Ch. hastata*; 11. 大理细莴苣 *Stenosaris taliensis*. (王金凤绘 drawn by Wang Jin-feng)

生山坡灌丛中、林缘或林下，海拔 2900—3900m。印度北部及尼泊尔有分布。模式标本采自尼泊尔。

4. 景东细莴苣 新种

Stenosaris leptantha Shih, sp. nov.

Species nova affinis *S. graciliflorae* (Wall. ex DC.) Shih, a qua lobis terminalibus foliorum ellipticas vel lanceolatis, basi cuneatis, lobis lateralibus foliorum 1—jugis bene differt.

Herba perennis. Caulis erectus, solitarius, 50—70 cm altus, superne paniculato-ramosus, ramis gracilibus, pilis multicellularibus noduliformibus tenuibus sparse obtectis. Folia basalia ignota; folia inferiora mediaque lyrato-pinnatisecta, petiolata, petiolis 1—4 cm longis, lobis terminalibus ellipticis vel lanceolatis, 5.5—10cm longis, 3—4