

德波) 12649 (Typus, PE), 11866; K. M. Feng (冯国楣) 1752.

3. 光苞毛鳞菊 新种 图 1:5

Chaetoseris leirolepis Shih, sp. nov.

A *Ch. dolichophylla* Shih, cui affinis, foliorum lobis terminalibus lanceolatis vel longe ovatis, lobis lateralibus 2-jugis, petiolis basi auriculato-semiamplexicaulibus differt.

Herba perennis. Radix palaris, tenuis. Caulis erectus, 1 m altus, superne longe racemoso-ramosus, pilis multicellularibus noduliformibus tenuibus obtectus. Folia inferiora et media lyrato-pinnatilobata vel pinnatipartita, alato-petiolata, petiolis 4-7 cm longis, ad 1 cm latis, quorum basi auriculato-semiamplexicaulibus, lobis terminalibus longe ovatis vel lanceolatis, ad 8 cm longis, 2.5-4 cm latis; apice acutis vel acuminatis, lobis lateralibus 1-2-jugis, semi-orbicularibus, auriculato-ellipticis, apice rotundatis vel obtusis; folia superiora indivisa, longe elliptica vel lineari-lanceolata, sessilia; folia sub furcis ramorum inflorescentiae bracteriformia, lineari-subulata indivisa; omnia utrinque viridia, subtus ad nervos pilis multicellularibus noduliformibus oblecta, supra glabra. Calathidia pauca, 4 in numero, in inflorescentiam longe racemosam terminalem disposita, pedicellis ad 9 cm longis. Involucrum late campanulatum, 2 cm longum, 1 cm diam., cujus phyllis 4-seriatis, imbricatis, exterioribus triangulatis vel longe ovatis, 4-5 mm longis, 2 mm latis, mediis lanceolato-ellipticis vel lineari-lanceolatis, 0.8-1.4 cm longis, 2-3 mm latis, intimis late linearibus, ad 2 cm longis, 2 mm latis, omnibus apice acutis vel obtusis, dorso glabris. Flosculi ligulati 17, purpurei. Achaenia compressa, brunnea vel atro-brunnea, elliptica, 5 mm longa, 2 mm lata, margine late incrassata vel late tenuia, costulata, costulis 4-5, inter se distantibus, tenuibus, elevatis, utrinque pilis pellucidis in series transversas vix undulatas dispositis, superne ad costulas et margines longioribus, sursum directis, inter costas et pro parte inferiore ad margines brevissimis oblecta, apice in rostrum albidum 3-4 mm longum attenuata. Pappi setae exteriores ex pilis paucis brevissimis efformantes; pappi setae e pilis numerosis longissimis, minute denticulatis, 8 mm longis, fragilibus tenuibus constantes; omnes albidae.

Yunnan (云南): Jingdong (景东), in declivio, alt. 2500 m, 1956.10.25., B.Y. Qiu (邱炳云) 53115 (Typus, PE).

4. 戟裂毛鳞菊 新种 图 1:9

Chaetoseris taliensis Shih, sp. nov.

Ch. grandiflorae affinis est, foliorum lobis terminalibus hastatis vel sagittatis differt.

Herba perennis. Radix tuberculiformis, 1.5 cm crassa. Caulis solitarius, erectus, ad 50 cm altus, basi 3 mm diam., superne racemoso-ramosus, pilis multicellularibus noduliformibus tenuibus obtectus. Folia inferiora mediaque ambitu oblanceolata, runcinato-pinnatipartita vel-pinnatisecta, 10-15 cm longa, c. 6 cm lata, basin versus in petiolos alatos, 4-5 cm longos attenuata, basi leviter auriculatos vel sagittatos

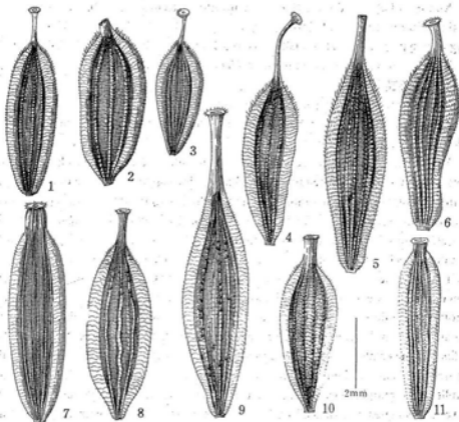


图1 毛鳞菊属与细莨苣属一些种的瘦果示意图 Achenes of some species of *Chaetosaris* and *Stenosaris* 1. 川甘毛鳞菊 *Chaetosaris roborowskii*; 2. 蓝花毛鳞菊 *Ch. cyanea*; 3. 菱裂毛鳞菊 *Ch. rhombiformis*; 4. 柞齿毛鳞菊 *Ch. pectiniformis*; 5. 光苞毛鳞菊 *Ch. leioplepis*; 6. 大花毛鳞菊 *Ch. grandiflora*; 7. 细莨苣 *Stenosaris graciliflora*; 8. 粗毛毛鳞菊 *Chaetosaris hispida*; 9. 截裂毛鳞菊 *Ch. taliensis*; 10. 滇藏毛鳞菊 *Ch. hastata*; 11. 大理细莨苣 *Stenosaris taliensis*. (王全凤绘 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. 景东细莨苣 新种

Stenosaris leptantha Shih, sp. nov.

Species nova affinis *S. graciliflorae* (Wall. ex DC.) Shih, a qua lobis terminalibus foliorum elliptices 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