

西藏香青属一新种——竞生香青

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A new species of *Anaphalis* (Compositae) from Xizang, China

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Abstract *Anaphalis yangii* Y. L. Chen & Y. L. Lin, a new species of Compositae from Gongbo'gyamda County, Xizang, is described and illustrated. The new species is quite similar to *A. spodiophylla* Ling & Y. L. Chen, but can be easily distinguished by its thicker, broadly elliptic or subrounded leaves yellowish-grey lanate on both surfaces, midrib raised beneath, few heads glomerated in composite-corymbs of 1.5–3 cm in width, and peduncles usually simple.

Key words *Anaphalis*, new species, Xizang, China.

摘要 竞生香青 *Anaphalis yangii* Y. L. Chen & Y. L. Lin 外形近似灰叶香青 *A. spodiophylla* Ling & Y. L. Chen, 主要的区别是叶较厚, 宽椭圆形或近圆形, 两面被淡黄灰色绵毛, 中脉在背面明显突起, 头状花序少数密集成宽 1.5–3 cm 的复伞房花序, 总花序梗常不分枝。

关键词 香青属; 新种; 西藏; 中国

在鉴定中国医学科学院药用植物研究所标本室菊科标本时, 发现杨竞生采自西藏的一张标本是香青属 *Anaphalis* DC. 的一个新种。

竞生香青 新种 图 1

Anaphalis yangii Y. L. Chen & Y. L. Lin, sp. nov. Fig. 1

Haec species habitu *A. spodiophyllae* Ling & Y. L. Chen valde similis, sed a qua foliis crassiusculis, late ellipticis vel subrotundatis utrinque crasse cinereo-flavescenti-lanatis, costis subtus prominentibus, capitulis paucioribus, in corymbum compositum 1.5–3 cm latum glomeratis, pedunculis saepe simplicibus facile differt.

Herba perennis. Rhizoma ignotum. Caulis erectus vel arcuatus, 25 cm altus vel ultra, inferne 4–5 mm diam., dense cinereo-lanatus, simplex vel superne 1–2-ramosus, ramis 4–9 cm longis superne remote foliatis, internodiis 1.5–2 cm longis. Folia inferiora sub anthesi saepe emortua, media late elliptica vel subrotundata, 5–6.5 cm longa, 3–4 cm lata, basi in petiolum angustissime alatum angustata, dilatata amplexicauliaque, margine plana, apice obtusa vel subrotundata, rarius acutiuscula, superiora gradatim diminuta, oblanceolato-spathulata vel oblanceolato-oblonga, 5–6 cm longa, 1.3–2 cm lata, basi in petiolum late alatum angustata, apice leviter acuta, mucronulata, amplexicaulia, omnia crassiuscula, utrinque crasse cinereo-flavescenti-lanata, subtomentoglandulosa, tri- vel subquinque-nervia, nervis lateralibus 1–2-jugatis, costa subtus prominente.

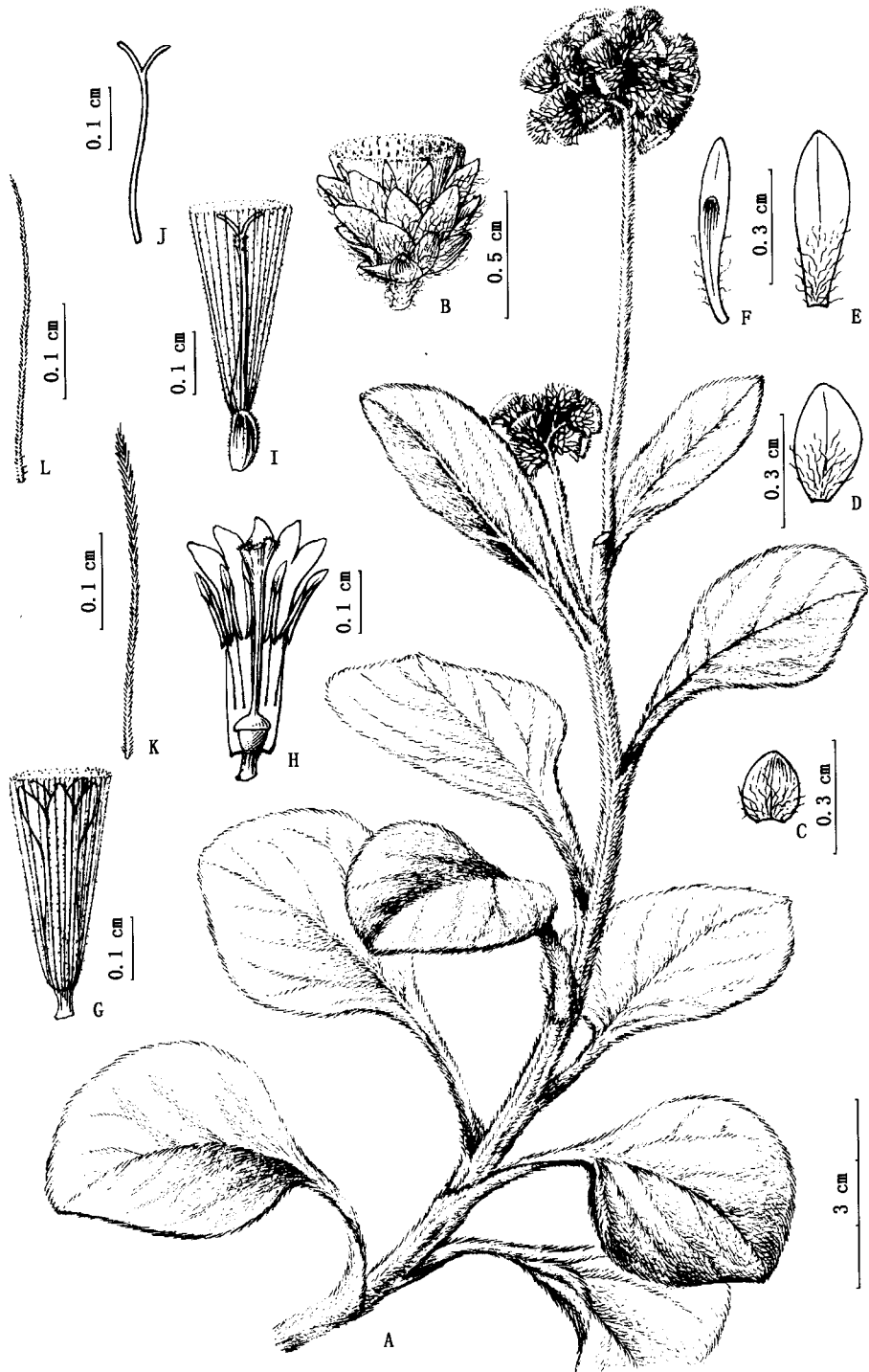


图1 竞生香青 A, 植株; B, 头状花序; C, 外层总苞片; D, 中层总苞片; E, F, 内层总苞片; G, 雄花; H, 雄花纵切面; I, 雌花; J, 花柱分枝; K, 雄花的冠毛; L, 雌花的冠毛。(冀朝祯根据杨竞生 628 号标本绘)
Fig. 1. *Anaphalis yangii* Y. L. Chen & Y. L. Lin. A, habit; B, capitulum; C, outer phyllary; D, median phyllary; E, F, inner phyllary; G, staminate floret; H, longitudinal section of staminate floret; I, pistillate floret; J, style-arms; K, pappus-hair of staminate floret; L, pappus-hair of pistillate floret. Drawn by C. Z. Ji from J. S. Yang 628.

Capitula pauciora, in corymbum compositum 1.5 – 3 cm latum glomerata, pedicellis 2 – 3 mm longis, dense lanatis. Involucrum anguste campanulatum, 4 – 5 mm longum, 3 – 4 mm latum; involucri phyllaria circ. 5-seriata, extima ovata, 1.5 – 2 mm longa, brunnescentia, araneosa, interiora elliptico-oblonga, 2.5 – 3 mm longa, 1 – 1.2 mm lata, sordide albida, apice rotundata vel rarius tridenticulata, intima anguste oblonga vel linearia, 3.5 mm longa, ungue vittato viridi percurso. Receptaculum fimbriiferum. Flosculi in capitulo heterogamo, exteriores pistillati multiseriati, interiores staminati 1 – 2. Corollae 2.5 – 3 mm longae, in fl. staminatis infundibuliformes, in fl. pistillatis filiformes. Pappi setae albae, corolla paulo longiores, in fl. staminatis paulo incrassatae, in fl. pistillate setaceae. Achaenia oblonga, 0.7 – 0.8 mm longa, brunnea, papillosa. Fl. Sept.

China. Xizang (西藏): Gongbo'gyamda (工布江达), alt. 3700 m, ad vias et ad marginem canalis, 1990-09-27, J. S. Yang (杨竞生) 628 (holotypus, hic designatus, IMD).

多年生草本。根状茎未详。茎直立或弯, 25 cm 或更高, 下部直径 4 – 5 mm, 密被灰白色绵毛, 不分枝或上部具 1 – 2 分枝, 分枝长 4 – 9 cm, 上部有疏生的叶, 节间长 1.5 – 2 cm。下部叶在花期常枯萎; 中部叶阔椭圆形或近圆形, 长 5 – 6.5 cm, 宽 3 – 4 cm, 叶基狭成具极窄翅的柄, 扩大而抱茎, 边缘平, 顶端钝或近圆形, 稀稍尖; 上部叶渐小, 倒披针状匙形或倒披针状长圆形, 长 5 – 6 cm, 宽 1.3 – 2 cm, 基部狭成具宽翅的柄, 顶端稍尖, 具小尖头, 抱茎。全部叶较厚, 两面被厚黄灰色绵毛, 杂有近绒毛状腺毛, 具 3 或近 5 脉, 侧脉 1 – 2 对, 中脉在背面明显凸起。头状花序少数, 密集成宽 1.5 – 3 cm 的复伞房状。花序梗长 2 – 3 mm, 被密绵毛。总苞狭钟状, 长 4 – 5 mm, 宽 3 – 4 mm; 总苞片约 5 层, 外层卵形, 长 1.5 – 2 mm, 浅褐色, 被蛛丝状毛, 内层椭圆状长圆形, 长 2.5 – 3 mm, 宽 1 – 1.2 mm, 污白色, 顶端圆形, 或稀具 3 小齿; 最内层狭长圆形或线形, 长 3.5 mm, 有绿色带状的爪部。头状花序具异形小花, 外层具多层雌花, 中央具 1 – 2 个雄花, 雄花花冠管状, 雌花花冠丝状, 冠毛白色, 较花冠稍长, 雄花的冠毛略粗, 雌花的冠毛刚毛状。瘦果长圆形, 长 0.7 – 0.8 mm, 褐色, 被乳头状突起。花期 9 月。

本种外形近似灰叶香青 *A. spodiophylla* Ling & Y. L. Chen, 但叶质地较厚, 宽椭圆形或近圆形, 两面被淡黄灰色绵毛, 中脉在背面明显突起; 头状花序少数在茎和枝端密集成宽 1.5 – 3 cm 的复伞房花序, 总花序梗常不分枝, 与后者不难区别。

新种以云南省药品检验所杨竞生先生命名, 以纪念他对植物采集的贡献。