

喜马拉雅山南部蒿属二新种*

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TWO NEW SPECIES OF ARTEMISIA FROM S. HIMALAYA

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关键词 线裂叶蒿; 细裂叶蒿

1. 线裂叶蒿 新种 图1

Artemisia filiformilobulata Y. R. Ling et H. S. Puri, sp. nov.

(Sect. *Abrotanum* Bess.) fig. 1.

Proxima A. *eriocephalae* Pamp. differt foliis 3—2-pinnatisectis, lobis lobulisve angustis, filiformi-lanceolatis vel lineato-filiformi-lanceolatis, capitulis ovoideo-campanulatis vel ovoideis, ad ramulos congestis, in apicis dispositis, bracteas exterioribus dorso puberulis vel glabrescentibus.

Herba perennis. Caulis erectus, striatus flavo-brunneus vel purpureo-brunneus, ramis floriferis superioribus 3—10 cm longis, totus caulis ramusve parce flavo-brunneo-puberulus vel glabrescens. Folia caulina inferiora non vidi, media et superiora subsessilia, ambitu ovata vel subrotundata, supra parce albo-punctata, subtus parce arachnoideo-tomentosa vel subglabrescentia, 3.5—4.5 cm longa et lata, (3—) 2-pinnatisecta lobi utrinque 4—6, lobuli utrinque 1—2, filiformi-lanceolati vel lineari-lanceolati, 0.8—1.8 cm longi et 0.5—1.5 mm lati, apice acuminati, lobi basales stipuliformes semiamplexicaules margine revolutis, folia subfloralia sessilia 2—1-pinnatisecta, lobi filiformi-lanceolati. Panicula angusta, capitula ovoideo-campanula vel ovoidea, 1.5—2 mm diam. sessilia, basi bracteolata lineari-lanceolata, ad ramos supernos in spicis congestis disposita, Involucri phylla 3-seriata, bracteis, exterioribus lanceolatis, dorso puberulis vel subglabrescentibus, margine anguste membranaceis, costa viridi, bracteis medianis et interioribus longe ovatis submembranaceis vel membranaceis, dorso glabris, flores marginales feminei 5—7, corolla angu-

*本文蒙黄成就教授审阅并提宝贵意见, 谨致谢意。

**Abbr., CIMAP (本文模式标本均存此单位)。

ste tubuliformis, apice 3—2-1 dentata, stylis filiformibus longioribus 2-divaricatis, apice acutis; flores hermaphroditi 8—12, corolla tubulosa, apice 5—dentata, antherae apice appendicibus acutis longe triangulatis praeditae, basi acutae, styli rami apice truncati, penicillati. Achenia minuta, longe ovoidea vel elliptico-ovoidea. Receptaculum minutum nudum.

S. Himalaya, Gangotri, 5000 m, N. C. Shah 266 A. (1979. 9. 22.)

(Typus: CIMAP)

多年生草本，茎直立，褐黄色或淡紫褐色，仅上部具着生头状花序的分枝，此枝长3—10厘米。茎、枝、叶面微被淡黄色短柔毛或近无毛；叶面具稀疏白色腺点及小凹点，背面具稀疏的蛛丝状薄绒毛；茎下部叶未见；中部为上部叶具短柄或近无柄，叶片卵形或近圆形，长、宽3.5—4.5厘米，(三—)二回羽状全裂，每侧裂片4—6枚，每裂片常再分裂，每侧具小裂片1—2枚，小裂片狭线状披针形或狭线形，长0.8—1.8厘米，宽0.5—1.5毫米，先端细尖、边反卷，基部裂片成假托叶状；苞片叶二——一回羽状全裂，小裂片狭线状披针形。头状花序卵钟形或卵形，直径1.5—2毫米，无梗，倾斜，基部具狭线形的小苞叶，在茎上部分枝上排成密穗状花序，并在茎上组成狭窄的圆锥花序；总苞片3层，外层总苞片披针形，背面微被短柔毛或近无毛，具绿色中肋，边膜质，中、内层总苞片长卵形，半膜质或膜质，无毛；雌花5—7朵，花冠狭管状，冠檐具3—2裂齿或无裂齿，花柱线形，伸出花冠外甚长，先端2叉，叉端尖；两性花8—12朵，黄色，花冠管状，先端具5裂齿，花药线形，上端附属物尖、长三角形，基部具短尖头，花柱细长，顶端2叉，叉端截形，有睫毛；花序托小，无毛。瘦果椭圆形。

产喜马拉雅山南部。Gangotri (5000米)。N. C. Shah 266 A. (1979. 9. 22.)。

近似于毛序蒿 *A. eriocephala* Pamp.，区别在于本种叶3—2回羽状全裂，裂片或小裂片狭线状披针形或狭线形。头状花序卵钟形或卵形，在分枝上密集着生成密穗状花序；总苞片背面微被短柔毛或近无毛。

2. 细裂叶蒿 新种 图2

Artemisia tenuifolia Y. R. Ling et H. S. Puri, sp. nov.

(Sect. *Artemisia*) fig. 2.

Species habitu *A. elegantissimae* Pamp. (= *A. indica* var. *longeracemulosa* (Pamp.) Ling et Y. R. Ling) sed differt foliis supra parce albo-punctatis, 2-pinnatisectis, lobis utrinque (3—) 4—5, capituli bracteis exterioribus dorso arachnoideo-puberulis.

Herba perennis. Caulis erectus striatus purpurascendo-brunneus vel purpureo-brunneus, ramis numerosis patentibus puberulis vel glabrescentibus. Folia caulina inferiora non vidi, media et superiora papyracea brevipetiolata, petiolis 0.5—1.5 cm longis, basi stipuliformibus, semi-amplexicaulibus, supra parce puberula vel glabrescentia subtus parce arachnoideo-puberula, ambitu ellipticis, 3.5—5.5 cm longa et 2—3.5 cm lata, 2—1-pinnatisecta, lobis primariis utrinque (3—) 4—5, lobulis utrinque 1—2, sectis, ellipticis vel lanceolatis, 0.3—1 cm longis et 2—2.5 mm latis, apice mucro-

natis, folia caulina superiora pinnatisecta, subfloralia 3—secta vel integra, panícula ampla, capitula ovoideo-campanula vel ovoidca, 1.5—2.5 mm diam. sessilia vel subsessilia, cernua, basi bractcolata linearia, ad ramulos 3—5-congesta vel solitaria ad ramos in spicis laxis disposita. Involucri phylla 3—4-seriata, bracteis, exterioribus lanceolatis dorso parce arachnoideo-puberulis, costa viridi, margine membranaceis, bracteis medianis et interioribus longe ovatis submembranaceis vel membranaceis dorso glabriusculis vel glabrescentibus, flores marginales feminei 7—11, corolla angustotubuliformis, apice 2-dentata, stylis filiformibus longioribus 2-divaricatis, apice acutis, flores hermaphroditi 8—12, corolla tubulosa apice 5-dentata, purpurata, anthapiceerae rapice appendicibus acutis longe triangulatis praeditae, basi acutis, styli rami tuncati, penicillati. Achenia minuta, longe ovoidea vel elliptico-ovoidea. Receptaculum minutum nudum.

S. Himalaya, Niti Chamoli, 4000 m., N. C. Shah et S. C. Singh, CIMAP. LKO 1660. (1982, 9, 22) (Typus: CIMAP)

多年生草本，茎直立，淡紫褐色或紫褐色，分枝多；茎、枝微被短柔毛或近无毛。基生叶未见；茎中部叶与上部叶薄纸质，具短柄，叶面微被短柔毛或近无毛，具疏白色腺点及小凹点，背面微被蛛丝状薄柔毛，叶片椭圆形，长3.5—5.5厘米，宽2—3.5厘米，二—一回羽状全裂，每侧裂片(3—)4—5枚，小裂片1—2对，椭圆形或披针形，长0.3—1厘米，宽2—2.5毫米，先端钝尖，具硬尖头，叶柄长0.5—1.5厘米，假托叶小；茎上部叶一回羽状全裂；苞片叶3全裂或不分裂。头状花序卵钟形或卵形，直径1.5—2.5毫米，无梗或近无梗，下垂，具线形小苞叶，在分枝或分枝的小枝上单枚腋生或数枚集生、而在茎上组成松散、略宽展的圆锥花序；总苞片3—4层，外层总苞片披针形，背面微被蛛丝状薄柔毛，具绿色中肋，边膜质，中、内层总苞片长卵形，半膜质或膜质，背面无毛或近无毛；雌花7—11朵，花冠狭管状，冠檐紫色，无裂齿或具2裂齿，花柱伸出花冠外甚长，先端2叉；两性花9—11朵，花冠管状，冠檐紫色，花药线形，先端附属物尖、长三角形，基部具小尖头；花柱与花冠近等长，先端2叉，叉端截形，具睫毛。瘦果椭圆形。

产喜马拉雅山南部。Niti Chamoli, (4000 m)。N. C. Shah et S. C. Singh, CIMAP. LKO 1660. (1982, 9, 22)。

近似于细枝蒿 *A. elegantissima* Pamp. (即长梗五月艾 *A. indica* var. *longeracemulosa* (Pamp.) Ling et Y. R. Ling)，区别：本种叶面微被短柔毛或近无毛，具疏白色腺点及小凹点，叶每侧裂片(3—)4—5枚；头状花序的总苞片背面微被蛛丝状薄柔毛。

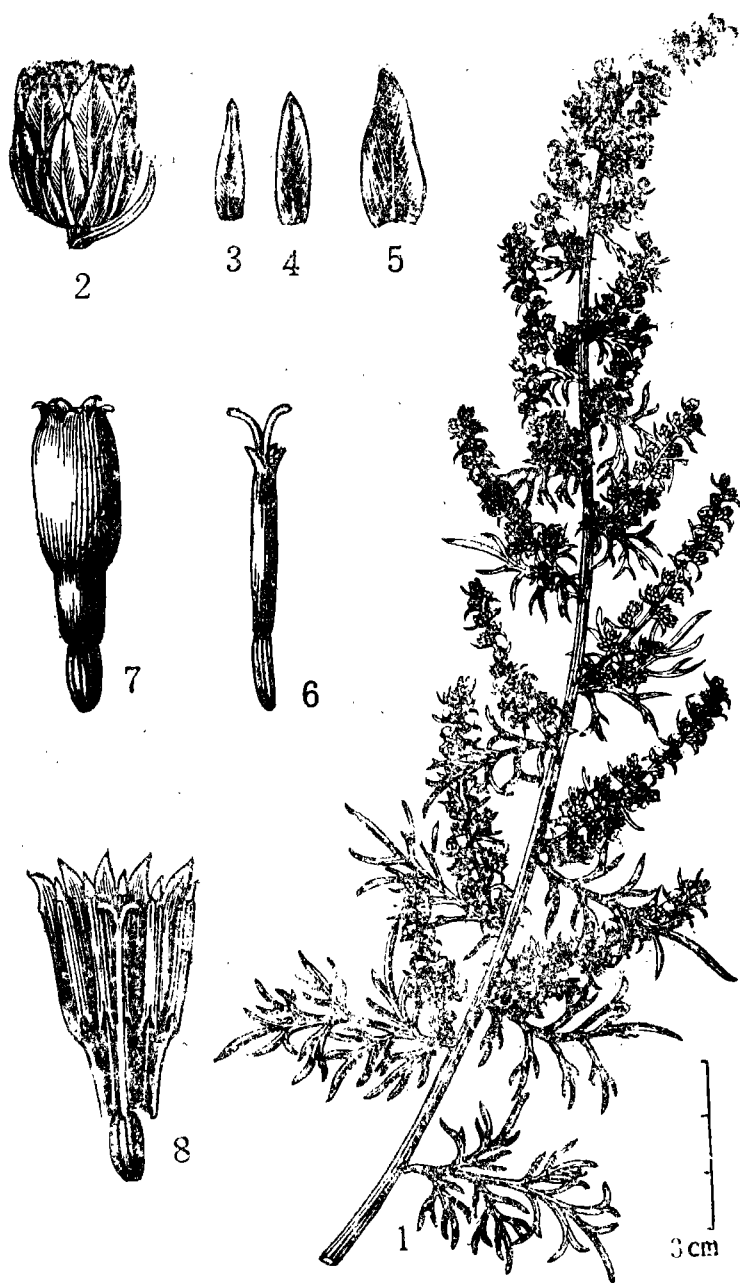


图1. 线裂叶蒿 *Artemisia filiformilobulata* Y.R.Ling et H.S.Puri 1. 花序枝 inflorescence branch; 2. 头状花序 capitulum; 3-5. 外、中、内层总苞片 involucre bracts of outer, middle and inner series; 6. 雌花 female flower; 7. 两性花 bisexual flower; 8. 两性花花冠剖开, 示雄蕊与雌蕊 corolla of the bisexual flower opened out, showing stamens and pistil. (黄少容绘)

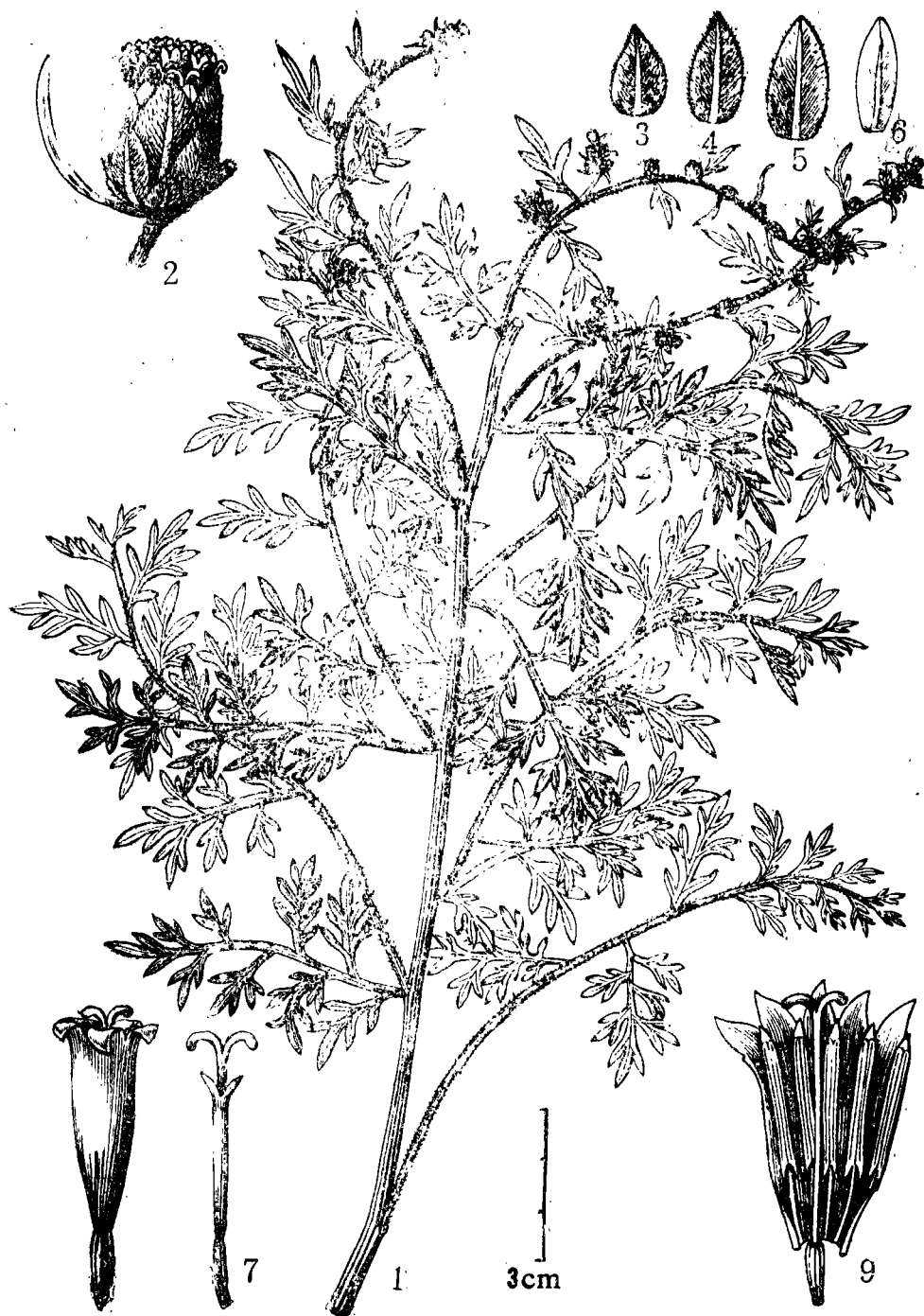


图2. 细裂叶蒿 *Artemisia tenuifolia* Ling et H. S. Puri

1.花序枝 inflorescence branch; 2.头状花序 capitulum; 3—6. 外、中、内层总苞片 involucral bracts of outer, middle and inner series; 7.雌花 female flower; 8.两性花 bisexual flower; 9.两性花花冠剖开, 示雄蕊与雌蕊 corolla of the bisexual flower opened out, showing stamens and pistil. (黄少容绘)