

中国伞形科两新种

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摘要 本文记载了产于我国云南的亮蛇床属植物新种长萼亮蛇床和四川前胡属新种木里前胡。

关键词 伞形科; 长萼亮蛇床; 木里前胡

Two new species of Umbelliferae from China She Meng-Lan (Sheh Meng-Lan) (Jiangsu Institute of Botany, Nanjing 210014), *J. Plant Resour. & Environ.* 1992, 1(3):1~5

This paper describes two new species of Umbelliferae (Apiaceae), one is *Selinum longicalycium* Sheh from Yunnan Province, and the other is *Peucedanum muiense* Sheh from the west of Sichuan Province.

Key words Umbelliferae; *Selinum longicalycium* Sheh; *Peucedanum muiense* Sheh

1. 长萼亮蛇床 新种 图 1

Selinum longicalycium Sheh, sp. nov.

Species affinis *S. cryptotaenio* de Boiss. sed foliis bipinnatifidis, involucelli phyllis bipinnatisectis, calycis dentibus longioribus differt. Species etiam proxime *Ligustico dauroidi* in aspectu refert, sed fructus jugis lateralibus valde dilatatis, vittis vallearibus 3~4, vittis commissuralibus 8 distinguitur.

Herba perennis, 40~60 cm alta. Caudex leviter crassus, residuis vaginarum emortuorum dense obsitus. Radix cylindrica, circa 0.5 cm crassa, fuscata. Caulis erectus cylindricus, superne ramiferus, sulcatus, valde angularis. Folia basalia petiolata, petiolis 10~15 cm longis, vaginis elongato-ovatis, subtus nervis prominentibus puberulis; lamina ambitu ovato-oblonga, 7~9 cm longa, 5~7 cm lata, 5~6-jugo-bipinnatisecta vel bipinnatipartita, supra viridis glabra, subtus viridula, hispidulis ad costas, segmentis ultimis longe ovatis, 0.5~1.5 cm longis, 3~6 mm latis, apice acutis, basi angustatis, marginibus serratis, mucronulatis; supera sessilia, vaginis late elongato-ovatis. Umbellae terminales et axillares, pedunculis crassis, supremis asprellis hirsutis; phylla involucri nulla; radii 11~15, subequilonga, 1.5~3 cm longi, crassis, hispidi. Umbellulae circa 20-florae; phylla involucelli subnumerosa, bipinnatisecta, segmentis linearibus, hispidulis pedicellis longiora vel subequilonga; petala alba; stylopodia conica, stylis stylopodis 2-plo longioribus curvis; dentes calycis conspicui lineares. Fructus ovoidei, dorsaliter compressi, apicibus angustati, basibus subrotundis,

jugis filiformibus prominentibus, jugis lateralibus late alatis, vittis vallearibus 3~4, vittis commissuribus 8. Albumen facie planum.

Yunnan; Weixi, alt. 3 600 m, under alpine conisilvae, 25 Oct. 1960, Kunming Inst. Bot. Exped. 25257 (Type, KUN).

多年生草本,高40~60 cm。根茎略粗,存留宽阔的枯萎叶鞘;直根圆柱形,径约5 mm,淡褐色。茎直立,圆柱形,上部分枝,径约4mm,条棱突起呈沟槽状,至顶部有时条棱略呈翅状,密被

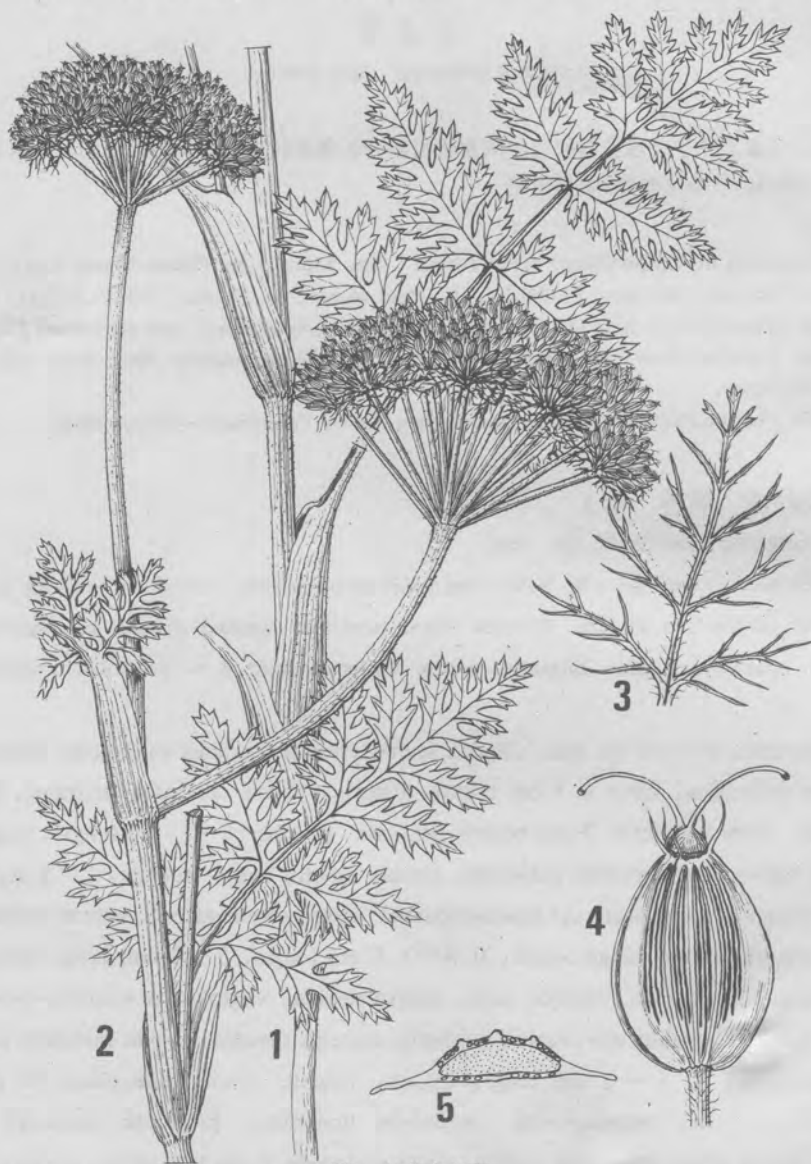


图1 长萼亮蛇床

Fig 1 *Setium longicalycium* Sheh

1. 基生叶及根部 basal leaves and root; 2. 茎上部 upper stem; 3. 小总苞片 involucre;
4. 果实 fruits; 5. 分生果横剖面 mericarp transection (史渭清绘)

短绒毛。基生叶具柄,叶柄长10~15 cm,被短绒毛,基部有宽阔长卵形的叶鞘,叶鞘外面有多条脉纹突起;叶片轮廓卵状长椭圆形,长7~9 cm,宽5~7 cm,2回羽状全裂或分裂,具一回羽片5~6对,羽片无柄,末回裂片长卵形,长0.5~1.5 cm,宽3~6 mm,先端急尖,基部稍狭,边缘具锯齿,齿端有硬质小尖头,表面绿色,无毛,背面浅绿色,沿叶脉和叶轴有短粗毛;茎上部叶与下部叶同形,无柄,仅有宽阔长卵形的叶鞘。复伞形花序顶生和腋生,花序梗粗壮,顶端有鳞片状粗毛;无总苞片;伞辐11~15,近等长,长1.5~3 cm,粗壮,有短毛;小伞形花序有花近20;小总苞片近多数,呈2回羽状全裂,裂片线形,多毛,比花柄长或近等长;花瓣白色;花柱基圆锥形,花柱很长,比花柱基长2倍,弯曲;萼齿发育,线形,长1~2 mm。果实卵形,背部扁压,先端狭窄,基部圆形,背棱明显突起,侧棱呈宽翅状;棱槽内油管3~4,合生面油管8;胚乳腹面平直。花期8~9月,果期10月。

产云南:维西雪龙山顶,生于海拔3 600 m 冷杉林下。昆明植物研究所调查队25257号,1960年10月25日(模式标本存昆明植物研究所)。

本种与亮蛇床 *S. cryptotaenium* de Boiss. 相近,但本种叶为2回羽状分裂;小总苞片为2回羽状全裂;萼齿线形可以区别。本种与羽苞蕁本 *Ligusticum daucooides* (Franch.) Franch. 略相似,但本种果实侧棱呈宽翅状;棱槽内油管3~4,合生面油管8,有所不同。

2. 木里前胡 新种 图2

Peucedanum muliense Sheh, sp. nov.

Species affinis *P. macilentum* Franch., sed caule nullo, foliis sessilibus, vaginis late, ovato-oblongis, laminis minoribus differt. Species etiam *Ligustico oliveriano* in aspectu refert, sed a quo caule nullo, foliis sessilibus, fructibus ovato-orbiculatis nec oblongis vel oblongo-ovatis distinguitur.

Herba perennis, 20~30 cm alta. Caudex breviter, circa 10 cm longus, 2.5 cm crassus, residuis vaginarum emortuorum dense obsitus. Radix conica, 6~8 cm longa, circa 8 mm crassa. Caulis nullis. Folia basalia numerosa, brevia et parva, sessilia, vaginis late, ovato-oblongis, 0.8~1.5 cm longis, 0.5~1 cm latis, ad dorsa dense scabris, ad margines membranaceis, laminis ambitu ovato-oblongis, 1.5~2.5 cm longis, 0.7~1.5 cm latis, 4~5-jugo-tripinnatisectis vel pinnatifidis, pinnis inferne petiolulatis superne sessilibus, segmentis ultimis linearibus vel oblongis, 1.2~2 mm longis, 0.6~1 mm latis, apicibus mucronatis, rhachibus et venis scabris. Umbellae numerosae, e basi foliorum basaliu nascentes, pedunculis rigidis et crassis, 7~12 cm longis, 2~4 mm crassis teretibus, striatis leviter prominentibus, dense scabris; involucri phylla 2~4, foliis conformibus, bitripinnatifidia segmentis linearibus, dense scabris; radii 12~30, crassi et rigidi, scabri; involucelli phylla aliquot trilobata vel pinnatifida, scabra, pedicellis longiora, umbellulae 12~30-florae, pedicellis breviter crassis, inaequilongis; stylopodia longe conica, stylis reflexis; calycis dentes nulli. Fructus ovato-orbiculatus 3.5 mm longus, 3 mm latus, glaber, jugis dorsalibus et intermediis filiformibus prominentibus, jugis lateralibus alatis crassis, vittae ad valleculeas 1, ad commissuram 4~5, endospermiis ad commissuram planis.

Sichuan; Muli, alt. 4 000 m, 22, Oct. 1937, T. T. Yü 14605 (Type, PE).

多年生草本,高约20~30 cm。根茎粗而长,径约2.5 cm,长约10 cm,密被棕色宽阔枯萎叶

鞘；根圆锥形，较细，径约8 mm，长6~8 cm。无茎。基生叶多数，短小，无柄；叶片着生于宽阔的叶鞘上，叶鞘卵状长圆形，长0.8~1.5 cm，宽0.5~1 cm，有纵长脉纹7条，外面密生鳞片状粗毛，边缘薄膜质；叶片轮廓卵状长圆形，长1.5~2.5 cm，宽0.7~1.5 cm，3回羽状全裂或分裂，具一回羽片4~5对，下部羽片有短柄，上部羽片无柄，末回裂片线形或长圆形，顶端具小尖头，长1.2~2mm，宽0.6~1mm，叶轴及叶脉上有鳞片状粗毛。复伞形花序多数，自基部抽出，花序

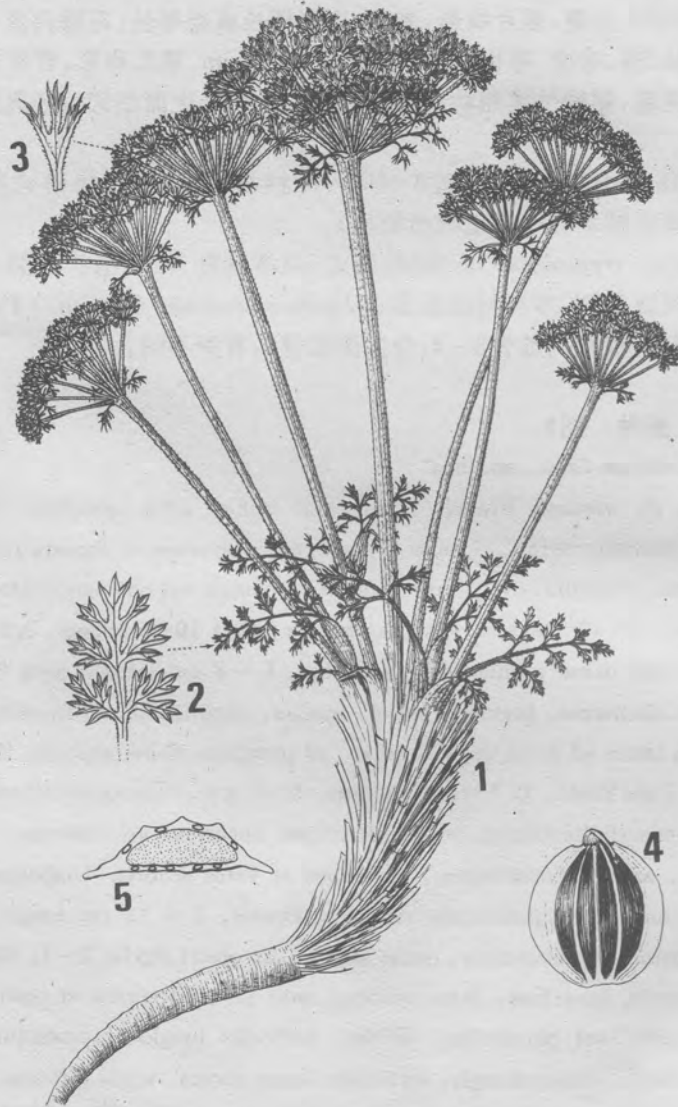


图2 木里前胡

Fig 2 *Peucedanum muliense* Sheh

1. 植株 habit; 2. 部分叶片放大 a part of leaf; 3. 小总苞片 involucre;
4. 分生果 mericarp; 5. 分生果横剖面 mericarp transection (史渭清绘)

梗粗壮坚挺,长7~12 cm,径2~4 mm,圆柱形,有细条纹轻微突起,密生鳞片状短毛;总苞片2~4,2~3回羽状分裂,裂片细小,线形,密被短毛;伞辐12~30,粗壮,硬挺,有极短鳞片状毛;每小伞形花序有花10~15,花柄粗短,不等长;小总苞片数片,3裂或羽状分裂,裂片细长,比花柄约长,有鳞片状毛;花柱初时直立,后弯曲,花柱基长圆锥形;萼齿不显著;花未见到。果实卵圆形或近圆形,长约3.5 mm,宽3 mm,光滑无毛,背棱线形突起,侧棱翅状较厚;棱槽内油管1,合生面油管4~5;胚乳腹面平直。花期8~9月,果期9~10月。

产四川:木里洼耳寨,生于海拔4 000 m的高山林缘草丛中。1937年10月22日,俞德浚14605号(模式标本存中国科学院植物研究所)。

本种的总苞片和小总苞片均呈羽状分裂,与细裂前胡 *P. macilentum* Franch. 近似,但本种无茎;叶无柄,叶片特别细小可以区别。本种又与膜苞藁本 *Ligusticum oliverianum* (de Boiss.) Shan 相似,但本种无茎,花序梗自基部抽出,叶不具长柄,果实为卵圆形或近圆形,有所不同。

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