

# 广西苦苣苔科新植物(续三)\*

方鼎覃德海

韦毅刚

(广西中医药研究所 南宁 530022) (广西壮族自治区·中国科学院 广西植物研究所 桂林 541006)

## New plants of the Gesneriaceae from Guangxi of China(III)

FANG Ding QIN De-Hai

(Guangxi Institute of Traditional Medical & Pharmaceutical Sciences, Nanning 530022)

WEI Yi-Gang

(Guangxi Institute of Botany, Guangxi Zhuangzu Autonomous Region and the Chinese Academy of Sciences, Guilin 541006)

**Key words** Gesneriaceae; *Chirita*; *C. varicolor* D. Fang et D. H. Qin; *C. mollifolia* D. Fang, Y. G. Wei et J. Murata; New species; China

**关键词** 苦苣苔科; 唇柱苣苔属; 变色唇柱苣苔; 软叶唇柱苣苔; 新种; 中国

### 1 变色唇柱苣苔 新种 图 1:1~2

*Chirita varicolor* D. Fang et D. H. Qin, sp. nov. (sect. *Gibbosaccus* Clarke). Fig. 1: 1~2

*A C. fordii* (Hemsl.) D. Wood laminis foliorum utrinque pilis minoribus brevissimis 0.1~0.25 mm longis obtectis, pedunculis, pedicellis, bracteis, calycibus, corollis ovarisque extus omnibus purpurascenti-glanduloso-pubescentibus differt.

Herba perennis. Rhizoma subteres, 0.5~3 cm longum, 5~10 mm crassum, horizontale. Folia 2~3-juga, omnia basalia, petiolata; laminae in sicco chartaceae, late ovatae, ellipticae, raro ovatae vel suborbiculatae, (1~)1.5~11 cm longae, (0.5~)0.9~6.5 cm latae, apice obtusae raro rotundae, basi interdum obliquae, late cuneatae raro rotundae, margine crenulatae repandaeve, utrinque cum petiolis strigulosae (pilis 0.1~0.25 mm longis) et sparse adpresseque pilosulae, pilis 0.6~4 mm longis, nervis lateralibus utrinsecus 2~4 inconspicuis; petioli complanati, 0.5~3 cm longi, 1.5~5 mm lati. Cymae 1~4, axillares, semel raro bis ramosae, 1~5-florae; pedunculi 3~9 cm alti, cum ramo cymae pedicellisque purpurascenti-glanduloso-pubescentes et patule villosi; bractee 2 oppositae, ellipticae vel oblongae, 2~5 mm longae, 1~2 mm latae, extus purpurascenti-glanduloso-pubescentes, intus glabrae; pedicelli 3~20 mm longi. Calyx ad basin 5-sectus, segmentis oblongo-lanceolatis, 4~6 mm longis 1 mm latis, eodem indumento bractearum. Corolla 3.5~4 cm longa, superne purpurea inferne alba, sub medium labii superi macula flava suborbiculata ornata, extus sparsim purpurascenti-glanduloso-pubescentis, intus ad maculam et infra insertiones staminum staminodiorumque sparsim glanduloso-puberula; tubo infundibuliformi-tubulari, ca. 2.7 cm longo, ore 12~14 mm in diam.; labio supero 8 mm longo, prope basin 2-partito, lobis late ovatis, 7 mm latis, labio infero 15 mm longo, 3-partito, lobo medio oblongo, 4 mm lato, lobis lateralibus ovatis, 6 mm latis. Stamina 2, 15 mm supra basin corol-

\* 1998-05-06 收稿, 1998-07-15 收修改稿。

lae inserta; filamentis lanceolato-linearibus, 11 mm longis, infra medium geniculatis, superne glanduloso-puberulis; antheris reniformibus, 3 mm longis, subglabris; staminodia 2, 13 mm supra basin corollae inserta, anguste linearia, 5 mm longa, apice dilatata et pilosula. Discus annulatus, ca. 1 mm altus, glaber. Pistillum ca. 2.8 cm longum, ad ovarium dense stylum sparsior glanduloso-pubescent; stigma oblongum, 3 mm longum, 1 mm crassum, apice 2-lobulatum. Capsula juventute 2.5~4 cm longa, ca. 1 mm crassa, dense purpurascens-glanduloso-pubescent.

**Guangxi**(广西): Napo(那坡), Nonghua(弄化), peduncle, pedicels, bracts, calyx and corolla outside reddish glandular pubescent, alt. 1000 m, 1985-07-12, D. Fang and D. H. Qin 79635 (holotype, GXMI; isotype, IBK, PE); *ibid.*, on cliffs, in evergreen forest, rare, D. Fang, M. X. Lai and Z. G. Wang(方鼎, 赖茂祥, 王振刚)25153 (alab., GXMI, PE); *ibid.*, D. Fang, D. H. Qin and J. J. Fang(方鼎, 覃德海, 方建军)79599 (fr., GXMI).

根状茎近圆柱形。叶2~3对,基生;叶片阔卵形、椭圆形,稀卵形或近圆形,长1.5~11 cm,宽0.9~6.5 cm,边有浅钝齿或波状,两面和叶柄被短糙伏毛与散生的伏柔毛,毛长0.1~0.25 mm和0.6~4 mm,侧脉每边2~4条;叶柄扁。聚伞花序1~4,腋生,有花1~5朵;花序梗同花梗被紫色腺状短柔毛和开展的长柔毛;苞片对生,椭圆形或长圆形,长2~5 mm,外被紫色腺状短柔毛。花萼5裂达基部,裂片长圆状披针形,长4~6 mm,毛被同苞片。花冠长3.5~4 cm,上紫下白,上唇之下有1黄斑,外面疏被紫色腺状短柔毛;筒部长约2.7 cm,口部直径12~14 mm;上唇长8 mm,下唇长15 mm。雄蕊在花冠基部之上15 mm处贴生;花丝下部漆状弯曲,上部被腺状微毛;花药近无毛;退化雄蕊2,头部被疏柔毛。花盘无毛。子房密被、花柱疏被腺状柔毛;柱头长圆形,长3 mm,2浅裂。

此种以叶片两面的毛极短,长0.1~0.25 mm,花序梗、花梗、苞片、花萼、花冠和子房等外面均被紫色腺状柔毛,而与桂粤唇柱苣苔 *C. fordii* (Hemsl.) D. Wood 相区别。

## 2 软叶唇柱苣苔 新种 图1:3~4

***Chirita mollifolia*** D. Fang, Y. G. Wei et J. Murata, sp. nov. (sect. *Gibbosaccus* Clarke). Fig. 1:3~4

Ex affinitate *C. bicoloris* W. T. Wang, sed rhizomatibus conicis, 10~12 cm longis, foliis, pedunculis, pedicellis, bracteis, calycibus et ovarii extus omnino albo-velutinis, nervis lateralibus 3~4-jugis, filamentis inferne geniculatis superne glanduloso-puberulis, antheris et discis glabris recedit.

Herba perennis. Rhizoma conicum, 10~12 cm longum, superne 6~10 mm crassum, plus minusve curvum, interdum ramosum. Folia ad apicem rhizomatis caespitosa, rosulata, petiolata; laminae in siccitate papyraceae, lanceolatae, anguste oblongae vel ellipticae, 2~7 cm longae, 1~2 cm latae, apice acutae interdum obtusae, basi attenuatae, margine integrae, utrinque cum petiolis albo-velutinae, pilis 0.5~5 mm longis, nervis lateralibus utrinque 3~4 inconspicuis; petioli ca. 0.5~2.5 cm longi, 2~3 mm lati, supra paulo sulcati. Cymae ca. 1~6, axillares, 1~(2~) ramosae, 1~4-florae; pedunculus ascendens, 7~20 cm longus, cum pedicellis velutinus; bractea 2 oppositae, anguste oblongae, ca. 2 mm longae

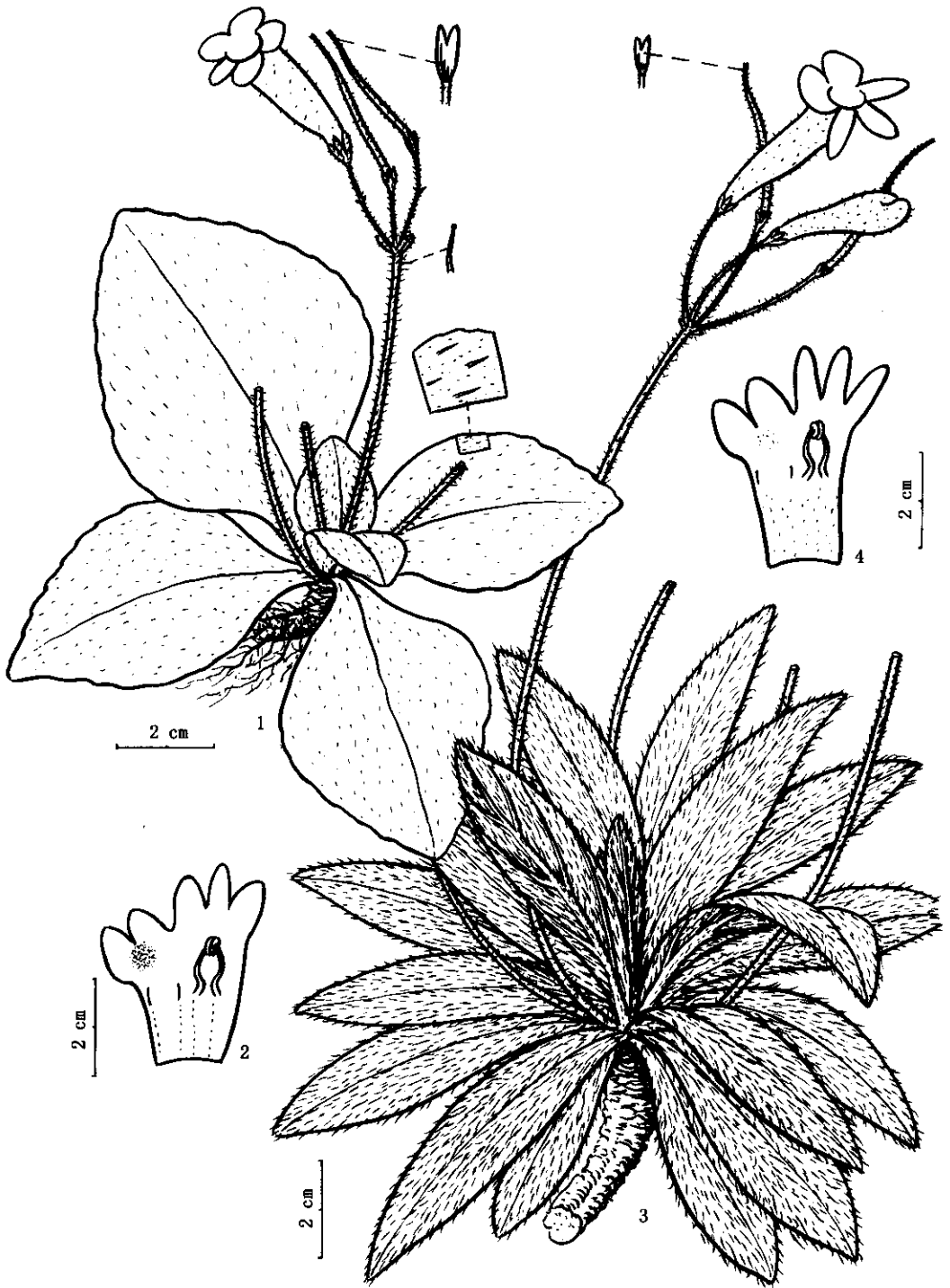


图 1 1~2. 变色唇柱苣苔 1. 植株; 2. 花冠纵剖, 示雄蕊和退化雄蕊。3~4. 软叶唇柱苣苔 3. 植株; 4. 花冠纵剖, 示雄蕊和退化雄蕊。(廖信佩 绘)

Fig. 1 1~2. *Chirita varicolor* D. Fang et D. H. Qin 1. Plant; 2. Opened corolla with stamens and staminodes. 3~4. *Chirita mollifolia* D. Fang, Y. G. Wei et J. Murata 3. Plant; 4. Opened corolla with stamens and staminodes.

et 0.5 mm latae, extus velutinae, intus subglabrae; pedicelli graciles, 1.5~3 cm longi. Calyx 5-sectus, segmentis triangulari-lanceolatis vel linearibus, 3~4 mm longis, 0.5~1.2 mm latis, extus velutinis, intus glabris. Corolla purpurea, ca. 4~4.4 cm longa, extus sparse pubescens glanduloso-puberulaque, intus infra labium posticum et medium tubi sparse glanduloso-puberula; tubo infundibuliformi-tubulari, ca. 3 cm longo, ore ca. 13 mm in diam.; labio postico 10 mm longo, 2-secto, lobis late ovatis, 8 mm latis, labio antico 14 mm longo, 3-partito, lobis oblongis, 4.5 mm latis. Stamina 2, cum staminodiis 17 mm supra corollae basin affixa; filamentis lanceolato-linearibus, 10 mm longis, infra medium geniculatis, superne glanduloso-puberulis; antheris 2 mm longis, glabris. Staminodia 2, anguste linearia, 3 mm longa, apice capitata, glabra. Discus annulatus, 0.6 mm altus, glaber. Pistillum ca. 2.7 cm longum; ovario anguste lineari, ca. 2 cm longo, 0.6 mm lato, velutino; stylo puberulo; stigmatate oblongo, 2 mm longo, 1 mm lato, apice 2-lobulato. Capsula immatura 2.5~3.5 cm longa, 1.5 mm crassa, velutina.

**Guangxi**(广西): Napo(那坡), Pohe(坡荷), on rocky hills, in soil, rare, alt. 800 m, 1997-10-23, Sino-Japan. Exped. (中日考察队)1708 (holotype, IBK; isotypes, KUN, MAK, GXMI).

根状茎圆锥状。叶基生;叶片披针形、狭长圆形或椭圆形,长2~7 cm,宽1~2 cm,全缘,两面连同叶柄被绒毛,侧脉每边3~4条。聚伞花序约1~6,腋生,有花1~4朵;花序梗与花梗被绒毛;苞片对生,狭长圆形,长约2 mm,外面被绒毛。花萼5裂达基部,裂片三角状披针形或线形,长3~4 mm,外被绒毛。花冠紫色,长约4~4.4 cm,外面疏被短柔毛和腺状微毛;筒部长约3 cm,口部直径约13 mm;上唇长10 mm,下唇长14 mm。雄蕊和退化雄蕊在花冠基部之上17 mm处贴生;花丝下部膝状弯曲,上部被腺状微毛;花药无毛;退化雄蕊2,无毛。花盘无毛。子房被短绒毛;花柱被微毛;柱头长圆形,长2 mm,2浅裂。

本种与二色唇柱苣苔 *C. bicolor* W. T. Wang 近缘,但根状茎圆锥状,长10~12 cm,叶、花序梗、花梗、苞片、花萼和子房等外面均被白色绒毛,侧脉3~4对,花丝膝状弯曲,被腺状微毛,花药和花盘无毛。