

中国卫矛科新分类群(1)

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NEW TAXA OF THE CHINESE CELASTRACEAE (1)

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关键词 假卫矛属;新种

1. 大序假卫矛 新种 图 1

Microtropis thyrsoflora C. Y. Cheng et Kao, sp. nov.

(Sect. *Cymoso-paniculatae* (Merr. et Freem.) C. Y. Cheng et Kao)

Species ab omnibus speciebus Sect. *Cymoso-paniculatarum* ramulis robustis, internodiis brevibus, inflorescentiis amplis et crassis vulgo quinquies dichotomis facile distinguenda.

Frutex vel arbor parva, 2—8 m alta, ramulis robustis teretibus vel apice leviter complanatis, internodiis brevibus 1—2.5(3.5) cm longis saturate purpureo-brunneis. Folia opposita, coriacea, oblonga vel oblongo-elliptica, 7—11 cm longa, 3—5 cm lata, apice acuta vel breviter acuminata, basi late cuneata vel sensim angustata, supra saturate viridia (in sicco intense grisea), subtus griseo-viridia, nervis lateralibus 6—8-jugis tenuiter rectis juxta marginem anastomosantibus, petiolo robusto 1—1.2 cm longo. Thyrsi saepissime laterales, ampli et crassi, 8—9 cm longi, 7—8 cm lati, vulgo quinquies dichotomi, pedunculo 14—18 mm longo, rachi 10—13 mm longa, ramis primis c. 30 mm longis, secundis 10—12 mm longis, tertiis 8—9 mm longis, quartis 3—5 mm longis, pedicellis c. 1 mm longis vel brevissimis, bracteis et bracteolis crassis subtriangularibus, alabastris subglobois c. 2.5—3 mm diam., floribus 5-meris, sepalis crassis subreniformibus, petalis ellipticis, disco annuliformi, filamentis brevibus, antheris suboblongis, ovario late conoideo, stylo brevissimo. Capsulae ellipsoideae vel sursum aliquanto latae, c. 18 mm longae, 7 mm diam..

Guangxi (广西): Daming Shan (大明山), 14 VIII 1951, C. X. Cai (蔡灿星) 5168 (typus, SCBI), 5087 (SCBI)。

本种与聚伞圆锥组 Sect. *Cymoso-paniculatae* 的所有种不同处在于小枝粗壮,节间短,花序粗壮宽大,通常5次二歧分枝,易于区别。

2. 复穗假卫矛 新种 图 2

Microtropis semipaniculata C. Y. Cheng et Kao, sp. nov.

(Sect. *Cymoso-paniculata* (Merr. et Freem.) C. Y. Cheng et Kao)

Species similis *M. tenui* Symington, sed foliis subcoriaceis, basi late cuneatis, floribus com-

parate parvis, sepalis semiorbiculatis 1.5—2 mm longis integris, petalis oblongo-ellipticis c. 3 mm longis integris differt.

Frutex vel arbor parva, ramulis tetragulatis. Folia subcoriacea, anguste ovata, ovato-elliptica vel ovato-lanceolata, 4.5—9 cm longa, 1.5—3.5 cm lata, apice anguste acuta vel subacuminata, basi late cuneata vel aliquanto rotundata, margine paullo revoluta, nervis lateralibus 6—8-jugis, petiolo 8—9 mm longo. Inflorescentia axillaris vel extra-axillaris, laxa, pedunculo 2—5 mm longo vel interdum 2—3 cm longo (sine rachi), rachi 5—15 mm longa vel interdum deficiente, ramis primis 12—22 mm longis, secundis, tertiis et quartis sensim brevibus, pedicellis 2—3 mm longis, floribus albis 5-meris c. 5 mm diam., sepalis semiorbiculatis 1.5—2 mm latis, petalis oblongo-ellipticis vel subobovatis c. 3 mm longis, valde patentibus, disco annuliformi vel subcyathiformi carnosio integro, staminibus longioribus quam pistillo, filamentis gracilibus 1.5—2 mm longis, antheris oblongo-ellipticis, ovario anguste conoideo, stylo crasso 1 mm longo. Capsulae longe ellipsoideae, c. 2 cm longae.

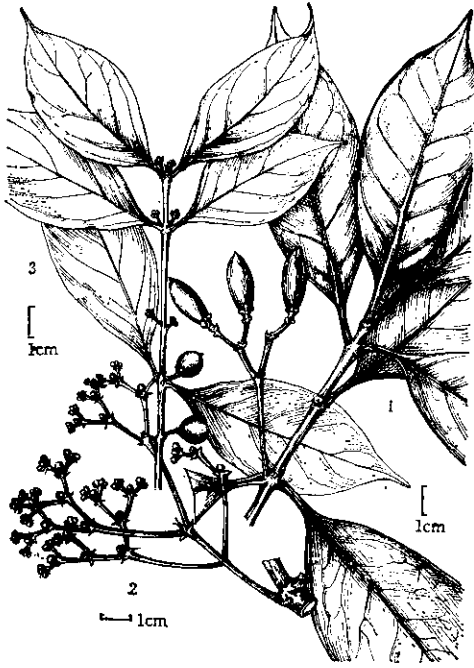


图 1 1—2 大序假卫矛 *M. thyrsiflora* 1. 果枝 fruiting branch; 2. 花序 inflorescence. 3. 圆果假卫矛 *M. sphaerocarpa* 果枝 fruiting branch.

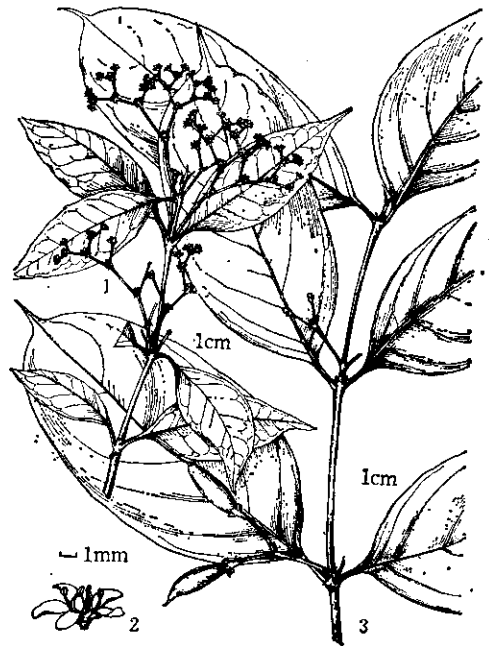


图 2 1—2 复序假卫矛 *M. semipaniculata* 1. 花枝 flowering branch; 2. 花 flower. 3. 大果假卫矛 *M. macrocarpa* 果枝 fruiting. (宗维城绘)

Guangxi (广西): Napo (那坡, Mubian 睦边), alt. 1400 m, 9 XII 1958, C. C. Chang (张肇箴) 13463 (typus, SCBI), 13643 (SCBI).

本种近似于细枝假卫矛 *M. tenuis* Symington, 但叶半革质, 叶基宽楔形, 花较小, 花萼半圆形, 宽 1.5—2 mm, 全缘; 花瓣长方椭圆形, 长 3 mm, 全缘而与之不同。

3. 大果假卫矛 新种 图 2

Microtropis macrocarpa C. Y. Cheng et Kao, sp. nov.

(Sect. *Remotiflora* C. Y. Cheng et Kao)

Species insignis ab omnibus speciebus Sect. *Remotiflorarum* foliis majoribus oblongis, apice abrupte caudatis et nervis lateralibus distantibus, capsulis manifeste magnis, fusoido-ellipsoideis facile distinguenda.

Frutex 1.5—3 m altus, ramulis tenuioribus 1—3 mm diam. brunneis, internodiis 4—8 cm longis. Folia chartacea, oblonga vel oblongo-elliptica, 8—15 cm longa, 3.5—7 cm lata, apice anguste abrupte caudata, caudis 11—15 mm longis 1—2 mm latis, basi late attenuata vel valde late cuneata, margine integra supra fulvido-viridia, subtus viridula, costa tenui subtus elevata, nervis lateralibus distantibus 3—5-jugis tenuibus subtus evidenter elevatis arcuatis, nervulis sparsis et tenuissimis, petiolo 5—10 mm longo. Cymae vulgo extra axillas foliorum, 1—2-dichotomae, pedunculis 1.5—2 cm longis, ramis semel ramosis c. 1.5 cm longis, pedicellis c. 1 cm longis vel paulo ultra, floribus 5-meris. Capsulae (immaturae) fusoidoellipsoideae, 3 cm longae, c. 1.3 cm diam., apice rostratae, robustae, sepalis persistentibus paulo incrassatis subcoriaceis semi-orbiculatis vel reniformibus 3.5—4 mm latis.

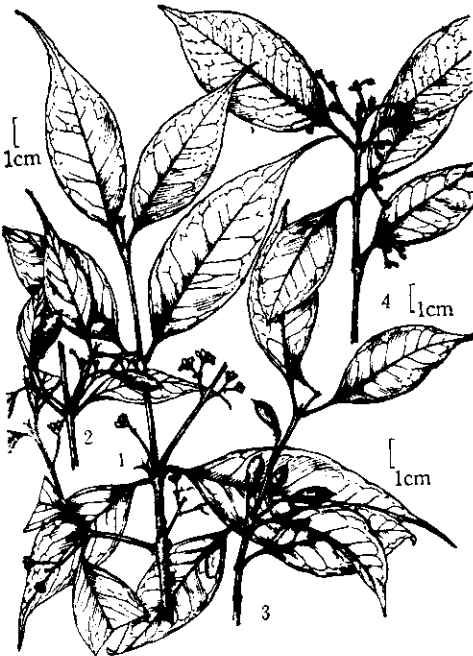


图3 1—2.尾尖假卫矛 *Microtropis, caudata* 1.花枝 flowering branch; 2.果枝 fruiting branch. 3—4. 阔叶三花假卫矛(变种) *M. triflora* var. *sichuanensis*; 3.果枝 fruiting branch: 4.花枝 flowering branch.

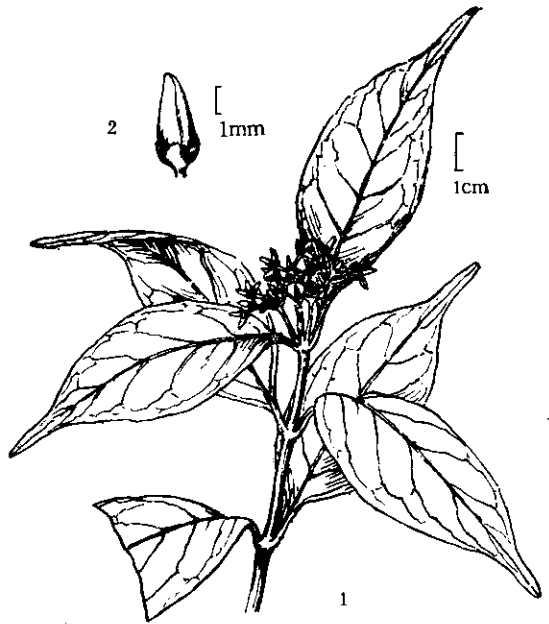


图4 塔蕾假卫矛 *M. pyramidalis* 1.花枝 flowering branch; 2.花蕾 flower bud. (宗维城绘)

Yunnan (云南): Niuchang (牛厂), alt. 1500—1700 m, 25. VI. 1956, Joint Exped. of China and the Soviet Union to Yunnan (中苏云南考察团) 3969 (typus, KUN), 3554 (KUN); Pingbian (屏边), alt. 1600m, K. M. Feng (冯国楣) 04762 (KUN), 04763 (KUN)

本种与疏花组 Sect. *Remotiflora* C. Y. Cheng et Kao 的所有种显著不同处在于具有较大的长方形叶,具突然凸起的尾尖和稀疏的侧脉;显著大的纺锤椭圆状的果实,而

易于区别。

4. 塔蕾假卫矛 新种 图 4

Microtropis pyramidalis C. Y. Cheng et Kao, sp. nov.

(Sect. Remotiflora C. Y. Cheng et Kao)

Species similis *M. bivalvi* (Jack.) Wall., sed foliis minoribus, alabastris pyramidalibus, floribus 4-meris, antheris apice acuminibus parvis instructis differt.

Frutex parvus, 1—1.5 m altus, ramulis purpureo-brunneis subangulatis. Folia chartacea, elliptica vel oblongo-elliptica, 7—11 cm longa, 3—3.5 cm lata, apice anguste longe acuminata vel subcaudata, basi cuneata, paulo decurrentia, supra saturate viridia, subtus dilute viridia, costa utrinque elevata, nervis lateralibus 4—7-jugis tenuibus arcuatis, nervulis tenuissimis visibilibus, petiolo 5—9 mm longo. Cymae vulgo laterales, laxae, 3—4-dichotomae, pedunculo 1—2 cm longo, ramis semel ramosis 5—15 mm longis, sensim brevibus, pedicellis c. 3 mm longis vel valde brevibus, alabastris pyramidalibus 3—3.5 mm longis apice acutis, basi 1—1.5 mm diam., floribus albis 4-meris, sepalis late triangulari-semiorbicularibus, petalis oblongis c. 3 mm longis 1 mm latis vel aliquanto latis, disco tenui subannuliformi, staminibus 4 pistillum subaequantibus, filamentis brevibus subcomplanatis, antheris ovato-ellipsoideis apice anguste triangularibus, acuminibus parvis instructis, ovario conoideo 1.5 mm longo.

Guangxi (广西): Shangsi (上思), alt. 800 m, 29 IV 1944, S. Q. Chen (陈少卿) 5018 (typus, SCBI).

Yunnan (云南): Pingbian (屏边), alt. 1450 m, P. I. Mao (毛品一) 03753 (KUN)

本种近似二裂假卫矛 *M. bivalvis* (Jack.) Wall. 但叶较小; 花蕾尖塔形, 花 4 数, 花药顶端具小尖头而与之不同。

5. 尾尖假卫矛 新种 图 3

Microtropis caudata C. Y. Cheng et Kao, sp. nov.

(Sect. Remotiflora C. Y. Cheng et Kao)

Species proxima *M. yunnanensis* (Hu) C. Y. Cheng et Kao sed foliis plerumque tenuioribus, crasse membranaceis vel chartaceis anguste oblongo-ovatis vel ovato-ellipticis, pedunculis gracilibus et longioribus, floribus 3—7 5-meris differt.

Frutex 1.5—3 m altus, ramulis tenuibus. Folia crasse membranacea vel chartacea, anguste oblongo-ovata, ovato-elliptica vel late lanceolata raro oblonga, 5—10 cm longa, 1.5—4 cm lata, apice longe acuminata, angustissima vel caudata, caudis 10—22 mm longis, basi late cuneata vel fere rotundata, nervis lateralibus gracilibus 6—11-jugis rectis plerumque ad apicem ascendentibus. petiolo 4—9 cm longo. Cymae axillares vel laterales raro terminales, 1—2-dichotomae, pedunculo gracili 6—13 mm longo, ramis 3—6 mm longis, pedicellis 2—5 mm longis, floribus albis 5-meris centralibus sessilibus, receptaculo breviter tereti 1—2 mm longo, sepalis quincuncialibus, exterioribus 2 triangulari-semiorbicularibus interioribus 3 late ellipticis, petalis oblongo-ellipticis 3.5—4 mm longis c. 1.5 mm latis, disco carnosio crateriformi integro, staminibus petalis dimidio brevioribus interdum inaequalibus, antheris oblongis vel apice aliquanto angustis, pistillo pyramidali, stylo crasso longo. Capsulae longe obovoideae, c. 2 cm longae, 6—8 mm diam., apice rostello instructae. Semina elliptica, 1.5 cm longa, intense rubra.

(云南): Malipo (麻栗坡), alt. 1700—2000 m, 9, XII. 1947, K. M. Feng (冯

国楣) 13701 (Typus, PE; isotypus, KUN), (马关), alt. 1800m, H. T. Tsai (蔡希陶) 51866 (PE, SZ, JSBI), Q. A. Wu (武全安) 8097 (KUN); Pingbian (屏边), Y. Tsiang (蒋英) 13350 (SCBI, JSBI); wenshan (文山), K. M. Feng (冯国楣) 11207 (PE, KUN); Xichou (西畴), K. M. Feng (冯国楣) 12252 (PE, KUN).

本种近于云南假卫矛 *M. yunnanensis* (Hu) C. Y. Cheng et Kao, 但叶一般较薄, 为厚膜质或纸质, 窄长方卵形或卵状椭圆形, 花序梗细而较长, 花 3—7 朵, 5 数而与之不同。

6. 阔叶三花假卫矛 新变种 图 3

Microtropis triflora Merr. et Freem. var. *szchuanensis* C. Y. Cheng et Kao, var. nov.

A varietate typica differt foliis latis ellipticis vel oblongis 5—8 cm longis 2—4 cm latis basi vulgo late cuneatis, disco annuliformi.

Sichuan (四川): 1931, F. T. Wang (汪发缙) 00024 (Typus, PE); Jiading (嘉定), F. T. Wang (汪发缙) 23649 (JSBI), 23657 (JSBI); X. Y. He (贺贤育) 6592 (JSBI)。

本变种与原变种 var. *triflora* 区别在于叶宽阔, 椭圆形或长方形, 长 5—8cm, 宽 2—4cm, 基部通常为宽楔形, 花盘环形。

7. 圆果假卫矛 新种 图 1

Microtropis sphaerocarpa C. Y. Cheng et Kao, sp. nov.

(Sect. *Microtropis*)

Species proxima *M. discolori* Wall., sed foliorum laminis chartaceis minoribus basi attenuatis et decurrentibus, nervis lateralibus tantum 3—5-jugis, petiolo brevi, glomerulis floribus 1—3(7) instructis, fructibus sphaericis differt.

Frutex parvus, 2—3 m altus, ramulis paulo compressiusculis. Folia chartacea, elliptica vel suboblunga, 5—9 cm longa, 2.5—4 cm lata, apice breviter acuminata vel acuminata, basi sensim angustata, vel paulo decursiva, nervis lateralibus 3—5-jugis arcuatis gracilibus subtus elevatis, petiolo (2)3—5 mm longo. Glomeruli floribus 1—3(7) instructi, pedunculo 3—5 mm longo, pedicellis brevissimis vel deficientibus, floribus 4-meris, sepalis carnosis late rotundatis margine dentibus minoribus irregularibus instructis. Capsulae sphaericae, c. 9 mm diam., pericarpis laevigatis sine striis.

Yunnan (云南): Gungshan (贡山), Dulongjiang (独龙江), alt. 1200 m, 26 IX 1938, T. T. Yu (俞德浚 20465 (typus, KUN; isotypus, PE)).

本种近于异色假卫矛 *M. discolor* Wall., 但叶较后者为薄, 纸质, 叶片较小, 基部渐窄并下延, 侧脉 3—5 对, 叶柄短; 团伞花序具 1—3(7) 花; 果实圆球形而与之不同。