

## 国产铁线莲属(毛茛科)植物小志

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**摘要** 本文描述了国产铁线莲属 2 新种、1 新变种, 并对荔波铁线莲的形态进行了补充描述。

**关键词** 铁线莲属; 新会铁线莲; 三叶铁线莲; 浙江铁线莲; 毛茛科

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## NOTES ON THE GENUS *CLEMATIS* L. (RANUNCULACEAE) OF CHINA

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**Abstract** Two species, namely *Clematis xinhuiensis* R. J. Wang and *C. zhejiangensis* R. J. Wang, and one variety, namely *C. henryi* Oliv. var. *trifolia* R. J. Wang, are described as new in China. An additional morphological description of species *C. liboensis* Z. R. Xu is given.

**Key words** *Clematis*; *C. xinhuiensis*; *C. henryi* var. *trifolia*; *C. zhejiangensis*; Ranunculaceae

### 1 新会铁线莲 新种 图 1

*Clematis xinhuiensis* R. J. Wang, sp. nov. Sect. Chematis

Affinis *C. meyeniana* Walp. quae foliis plerumque ternatis differt.

Liana lignosa. Caulis teres sulcatus, ramulis hornotinis pedicellisque parce pubescentibus mox glabrescentibus, in sicco spadiceis. Folia opposita, simplicia, coriacea, petiolata, glabra, late lanceolata vel ovata, 9-12.5 cm longa, 4.5-5.5 cm lata, apice acuta, basi truncata, margine integra, nervis basalibus 3 utrinque prominulis; petioli 1.5-2 cm longi. Cymae terminales, floribundae, pedunculo 10-18 cm longo; bracteis 2 ad basin ramorum linearibus vel foliaceis, pedicello tenui, 1-1.5 cm longo, ad medium bracteolis 2 oppositis, aciformibus 1-2 mm longis. Flores albi apetalii, circ. 1 cm diam.; sepala 4, oblonga vel lanceolata, apice obtusa vel rotundata, 7-8 mm longa, 2-3 mm lata, extus marginibus albido-pubescentibus. Stamina numerosa, glabra, 7 mm longa, sepalis paululo breviora; filamentis linearibus, antheris lineari-oblongis, flavescens, 4 mm longis, apice rotundatis; carpella circ. 7 mm longa, stylis praeter partes superiorem pubescentibus dense albido-villosis; ovariis pubescentibus. Achenia adulescentia. Anthesis: September.

承蒙王文采和陈德昭两位先生审阅全文并提出宝贵意见, 特此致谢。

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木质藤本。茎圆柱形,有纵沟槽,当年生小枝及幼花梗疏生短柔毛,后无毛,干后常变成红棕色。单叶对生,革质,具柄,无毛,宽披针形至卵形,长9-12.5 cm,宽4.5-5.5 cm,顶端急尖,基部截平,全缘,基出脉3条,在两面均隆起;叶柄长1.5-2 cm;聚伞花序生于枝顶或小枝顶,多花,花序梗长10-18 cm,苞片线形,有时叶状,对生;花梗纤细,长1-1.5 cm,中部着生一对针状小苞片;花白色,直径约1 cm,无花瓣;萼片4,长圆形,顶端钝或圆,长7-8 mm,宽2-3 mm,外面边缘密生白色短柔毛,其余无毛;雄蕊多数,长7 mm,无毛;花丝线形;花药线状长圆形,黄色,长4 mm,顶端圆。雌蕊长约7 mm,花柱除上部被短柔毛外其余被长柔毛,子房被短毛。瘦果尚未成熟。花期:9月。

本种与毛柱铁线莲 *C. meyeniana* Walp. 相近,但后者为三出复叶,可以区别。

Guangdong (广东): Xinhui (新会), Gudoushan Forestry Plantation(古兜山林场), Wuzhishan reservoir(五指山水库)。1981-09-11, Ko Wanchang and Chen Binghui (高蕴璋,陈炳辉) 112, Holotypus IBSC (模式,存华南植物研究所标本馆)。

## 2 荔波铁线莲

*Clematis liboensis* Z. R. Xu in Acta Phytotax. Sinica 26:150-152. 1988

此种的首要描述特征为:单叶对生,叶边缘具小齿;萼片条形,长2.5-3.5 cm,宽0.3-0.5 cm,花梗长达5-10 cm,有退化雄蕊。但是其同号模式标本(贵州省荔波县永康公社瑶兰大队,贵州茂兰岩溶自然保护区,1984年4月18日,许兆然 L1519, Isotypus, IBSC)中,与所发表的模式特征不同之处为:三出复叶,叶边缘微皱,小齿极稀少或无。因此作者怀疑许兆然先生发表新种所依据的标本可能是此植物主枝或侧枝的顶部。

现在作者补充描述如下特征:枝条有近16条大小不均的细沟槽;叶片近革质;萼片为紫红色;间带白色;退化雄蕊着生在雄蕊群外部,多轮,外轮较长,内轮较短,长0.7-2.7 cm;内部为能育雄蕊,花丝无毛,长约5 mm,花药长3-4 mm,药隔明显并突出,具疏毛,突出部分长2-2.5 mm。

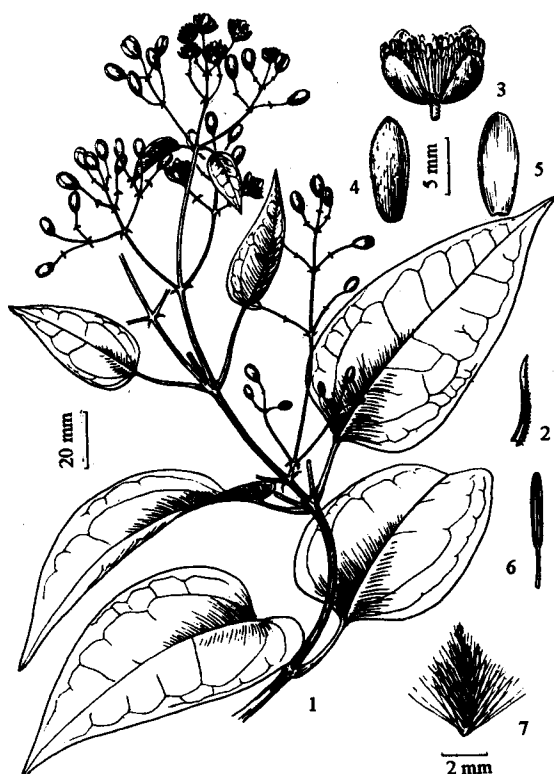


图1 Fig. 1 新会铁线莲 *Clematis xinhuiensis* R. J. Wang  
1. 花枝 Flowering branch; 2. 苞片 Bract; 3. 花 Flower;  
4. 萼片(背面) Sepal (lower view); 5. 萼片(腹面) Sepal  
(upper view); 6. 雄蕊 Anther; 7. 花柱 Style. (余峰绘)

3 三叶铁线莲 *Clematis henryi* Oliv. var. *trifolia* R. J. Wang, var. nov. 新变种

A typo foliis 3 verticillatis differt.

本变种与原变种不同之处在于三叶轮生。

Fujian (福建): Shaowu County (邵武县), Huilin (惠林), Zhou He-chang (周鹤昌) 6612 (Holotypus, IBSC), 1936-11-22, Alt. 700 m.

4 浙江铁线莲 新种 图2

*Clematis zhejiangensis* R. J. Wang, sp. nov. Sect. *Clematis*

Affinis *C. quinquefoliolatae* Hutch., sed differt foliolis coriaceis glabris bracteolis absentibus acheniis glabris.

Liana lignosa. Rami glabri. Folia opposita imparipinnata, 5-foliolata; foliola coriacea, anguste ovata vel late lanceolata, 6-6.5 cm longa, 2-2.6 cm lata, apice acuta, basi rotundata vel anguste cuneata, margine intègra, glabra, trinervia, nervis basalibus utrinque prominulis, nervulis supre conspicuis, petiolulis terminalibus circ. 3.3 cm longis lateralibus paulo brevioribus; petioli 4-4.7 cm longi, Cymae, floribus 8-9, axillaribus; pedunculi 2.5-3.5 cm longi, glabri; bracteae oppositae, spiniformes, pedicelli 1.5 cm longi; bracteola absens. Achenia (immatura) 6-10, oblongo-ovata, 4 mm longa, 1.5 mm lata, glabra, stylis apicibus exceptis dense sericeo-villosis.

Zhejiang (浙江): He Xian-yu (贺贤育) 30216 (Holotypus, IBSC). No field note (无野外记录).

木质藤本。小枝无毛。奇数羽状复叶对生，常具5小叶；小叶革质，狭卵形至披针形，长6-6.5 cm，宽2-2.6 cm，顶端锐尖，基部圆形至狭楔形，全缘，两面无毛，基出脉3，主脉两面突出，上面细脉明显，顶生小叶柄长约3.3 cm，两侧的稍短，叶柄长4-4.7 cm。聚伞花序腋生，多花，花序梗长2.5-3.5 cm，无毛；苞片对生，刺状，花梗长1.5 cm，小苞片无；萼片和雄蕊已脱落。瘦果(尚未成熟)6-10，长卵形，长4 mm，宽1.5 mm，无毛，花柱除顶端外密被丝状柔毛。

同 *C. quinquefoliolata* Hutch. 相近，但本种小叶革质，无毛，花梗上无小苞片，瘦果无毛。

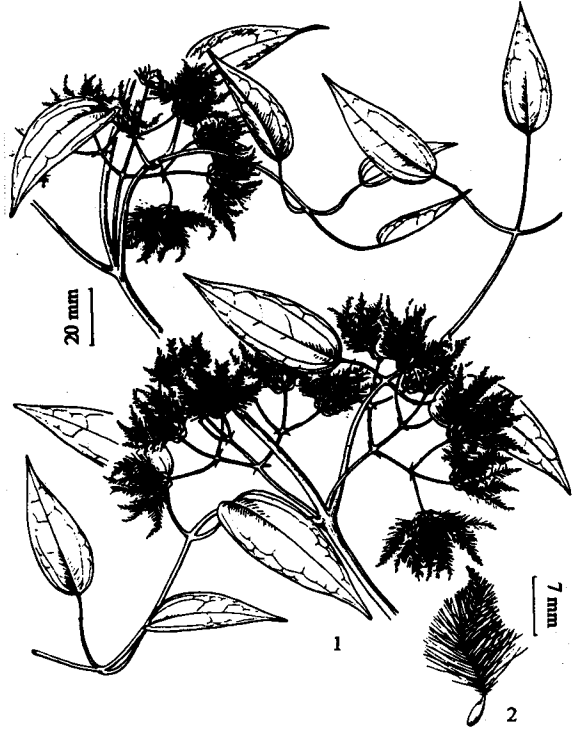


图2 Fig. 2 浙江铁线莲 *Clematis zhejiangensis* R. J. Wang

1. 果枝 Fruit branch; 2. 瘦果 Achene. (余峰绘)