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CONTENTS

- Cathepsins: Structures, Functions and Inhibitors
..... ZENG Guang-Zhi, TAN Ning-Hua, JIA Rui-Rui *et al.* (337)
- New Data of Sect. *Coelocentrum* (*Begonia*) in Begoniaceae SHUI Yu-Min, CHEN Wen-Hong (355)
- Taxonomic Notes on the Chinese *Eriosema* (Leguminosae) SA Ren (375)
- Cymbidium changningense*, a New Species of Orchidaceae from Yunnan, China
..... LIU Zhong-Jian, CHEN Sing-Chi, RU Zheng-Zhong (378)
- Sedum hoi*, a New Species of the Crassulaceae from Zhejiang, China
..... WANG Hong, SONG Xiao-Jun, LIU Qing-Wen (381)
- Bryoxiphium norvegicum* (Bridel) Mitten subsp. *japonicum* (Berggren) Löve & Löve (Bryoxiphiaceae), a Moss
Genus and Family Reported New for Yunnan Province SHEVOCK, James R. (383)
- Notes on *Tuber aestivum* (Tuberaceae, Ascomycota) from China
..... CHEN Juan, LIU Pei-Gui, WANG Yun (385)
- Stomatal Distribution in the Leaves of *Arabidopsis thaliana* under the Influence of a Putative Calmodulin Gene
Atlg76650 (AtPsiCaM) DUAN Rui-Jun, SHEN Zhu-Xia (390)
- Spatial Distribution Pattern of *Davidia involucrata* Population in Wolong of Sichuan Province
..... ZHANG Ya-Shuang, SU Zhi-Xian, HU Jin-Yao (395)
- Genetic Diversity of Cultivated Populations of *Metasequoia glyptostroboides*
..... SHI Quan-Fen, YANG Jia, LI Xiao-Dong *et al.* (403)
- Ca²⁺ Distribution in the Tapetum in a Genic-Cytoplasmic Male Sterile Line of Rice, Zhenshan 97A and Its Maintainer
Line Zhenshan 97B XIA Kuai-Fei, WANG Ya-Qin, YE Xiu-Lin *et al.* (413)
- Studies on Dynamics of Boron and Magnesium Nutrients During Fruit Development of Parthenocarp and Self-pollinated
Citrus Cultivars XIAO Jia-Xin, PENG Shu-Ang, HE Hua-Ping (419)
- Optimization of Applying Regressive Analysis to RAPD Reaction System in Studying Cultivars of *Capsicum annuum*
..... ZHANG Zi-Xue, HOU Xi-Lin (425)
- Chromosome Numbers of Some Species of *Rhododeodron*, subgen. *Azaleastrum*
..... GAO Lian-Ming, ZHANG Chang-Qin, LI De-Zhu *et al.* (433)
- Antimicrobial Activity of Volatile Emissions of Some Begonias from Yunnan, China
..... GUAN Kai-Yun, FERSHALOVA T.D., TSYBULYA N.V. *et al.* (437)
- A New C₂₁ Steroidal Glycoside from *Cynanchum otophyllum*
..... ZHAO Yi-Bin, SHEN Yue-Mao, HE Hong-Ping *et al.* (443)

浙江景天属 (景天科) 一新种——贺氏景天

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Sedum hoi, a New Species of the Crassulaceae from Zhejiang, China

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Key words: *Sedum*; *S. hoi*; New species; Zhejiang; China

关键词: 景天属; 贺氏景天; 新种; 浙江; 中国

中图分类号: Q 949

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贺氏景天 新种 图 1: 1~7

Sedum hoi X. F. Jin et B. Y. Ding, sp. nov. Fig. 1: 1-7

Type: China. Zhejiang (浙江), Lin'an (临安), Tianmushan (天目山), Hengtang (横塘), on rocks under forests, 1957-07-15, Y. Y. Ho (贺贤育) 25418 (Holotype, here designated, HHBG)

Species affinis *S. leptophyllo* Fröd., sed rhizomatibus tuberascentibus nullis, foliis alternis, dimorphis, floribus solitariis, squamis 5, carpellis 5 bene differt.

Herba perennis, 8-10 cm alta, glaberrima, maculis marroninis dispersa. Caulis succulentus, erectus vel basi oblique adscendens, simplex, nodis inferioribus radicibus adventitiis instructis. Folia alterna, dimorpha, inferiora elliptica vel obovata, 2-4 mm longa, 1-2.5 mm lata, apice obtuse rotundata, basi leviter attenuata, paene calcarata, superiora linearia, 6-25 mm longa, 1-1.5 mm lata, apice obtusa, basi attenuata, breviter calcarata. Flos unicus terminatus, epedicellatus; Sepala 5, triangulo-ovata vel anguste ovata, inaequalia, 1.5 usque 2.5 mm longa, apice obtusa vel acuta, basi breviter calcarata; Petala 5, flava, lanceolata, 5-6 mm longa, 1.5-2 mm lata, apice acuminate; Stamina 10, filamentis circ. 3 mm longis, antheris nigrescentibus; Squamae 5, obtuse quadratae, parvae, valde inconspicuae; Carpella 5, lanceolata, 3.5-4 mm longa, supra basin circ. 1.5 mm connata. Folliculi stellato-divergentes. Semina parva, fusca, longe ovata. Fl. & Fr. Jul.-Aug.

多年生草本, 高 8~10 cm; 全株无毛, 散生暗红色斑点。茎肉质, 直立或基部斜升, 不分枝, 下部节上生不定根。叶互生, 二型, 下部的椭圆形或倒卵形, 长 2~4 mm, 宽 1~2.5 mm, 先端圆钝, 基部渐狭, 近无距, 上部的线形, 长 6~25 mm, 宽 1~1.5 mm, 先端钝, 基部渐狭, 具短距。花单生茎顶, 无花梗; 萼片 5 枚, 三角状卵形或狭卵形, 不等长, 长 1.5~2.5 mm, 先端钝或急尖, 基部具短距; 花瓣黄色, 5 枚, 披针形, 长 5~6 mm, 宽 1.5~2 mm, 先端渐尖; 雄蕊 10 枚, 花丝长约 3 mm, 花药黑色; 鳞片

收稿日期: 2004-12-30, 2005-01-31 接受发表

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5枚, 钝四方形, 小, 极不明显, 心皮5枚, 披针形, 长3.5~4 mm, 基部1.5 mm处合生。蓇葖果星芒状叉开。种子细小, 多数, 褐色, 长卵形。花果期7~8月。

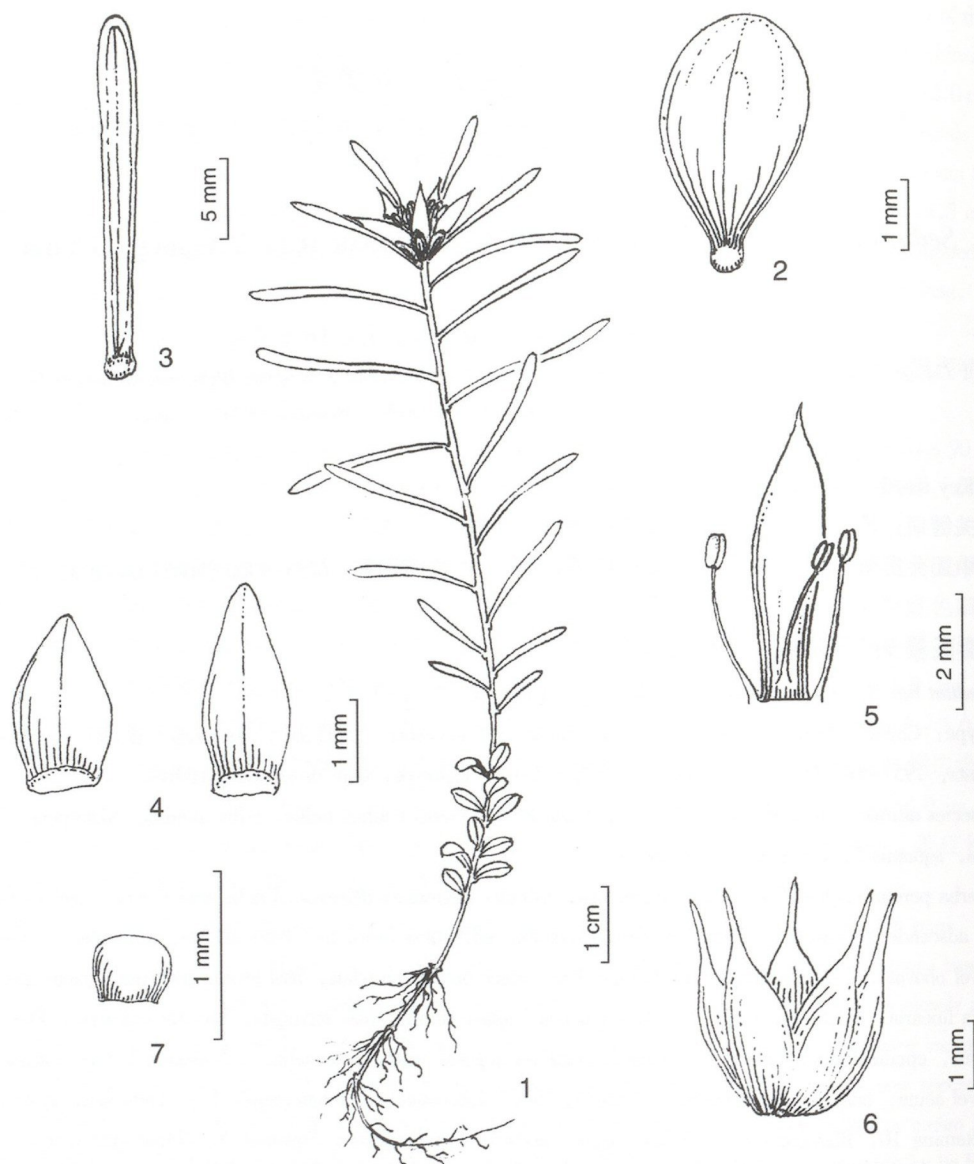


图1 贺氏景天 1. 植株; 2. 茎下部叶; 3. 茎上部叶; 4. 萼片; 5. 花瓣和雄蕊; 6. 蓇葖果 (未成熟); 7. 蜜腺鳞片 (金孝锋根据贺贤育 25418 号绘)

Fig. 1 *Sedum hoi* X. F. Jin et B. Y. Ding 1. habit; 2. basal leaf; 3. uppermost cauline leaf; 4. sepals; 5. petal and stamens; 6. follicle (immature); 7. nectar scale (drawn by X. F. Jin from the type gathering; Y. Y. Ho 25418).

本种与薄叶景天 (*S. leptophyllum* Fröd.) 接近, 区别在于无块状根茎, 叶互生, 二型, 花单生, 鳞片5枚, 心皮5枚。

新种的种加词 *hoi* 纪念模式标本的采集者贺贤育先生。

致谢 承蒙浙江大学生命科学院郑朝宗先生和金孝锋先生在拉丁文描述上热情帮助。

云南苔藓植物新记录——虾藓科

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摘要: 报道了中美联合云南高黎贡山考察过程中发现的一个云南苔藓植物新记录科——虾藓科。云南贡山县普拉河为该科下类群日本虾藓 (*Bryoxiphium norvegicum* subsp. *japonicum*.) 于中国西南横断山—高黎贡山自然分布区的最南沿。

关键词: 虾藓属; 虾藓科

中图分类号: Q 949

文献标识码: A

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Bryoxiphium norvegicum (Bridel) Mitten subsp. *japonicum* (Berggren) Löve & Löve (Bryoxiphiaceae), a Moss Genus and Family Reported New for Yunnan Province

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Abstract: *Bryoxiphium norvegicum* subsp. *japonicum*, obtained during a joint Sino-American Expedition to the Gaoligongshan, is reported new for Yunnan Province. This occurrence is the southernmost station for this species in China, a southern range extension from the Hengduan Mountains of Sichuan Province.

Key words: *Bryoxiphium*; Bryoxiphiaceae; Bryogeography; Yunnan; China

A five year joint Sino-American expedition was established to focus on the biodiversity of the Gaoligongshan, a steep, narrow, and rugged mountain range along the border of China and Myanmar. During the fall 2002 expedition, the focus was to collect and explore in the Pula He (Pula river) watershed along the newly built Dulong Pass Road that provided access to this rugged and steep terrain. This paper is the first in a projected series to document new distribution records of bryophytes obtained during these expeditions to the Gaoligongshan.

Yunnan province: Gongshan County. Pula He (Pula river) Watershed. On granitic rock wall and protected underhang in small canyon off Dulong Pass Road near Daladi site, approximately 41 air km west of Gongshan, 27°47'28"N, 98°30'58"E, 2 970 m, 29 Sept 2002, Shevock 23172 (CAS, CONN, E, H, KRAM, KUN, MO, NICH, NY, PE).

The distribution of *Bryoxiphium* occurs as widely spaced and disjunct occurrences throughout its range and is therefore infrequently encountered (Löve & Löve 1953). Its distinctive appearance makes