

贵州卫矛属二新种

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Two New Species of *Euonymus* (Celastraceae) from Guizhou

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Key words *Euonymus*, *E. furfuraceus*, *E. leishanensis*, Guizhou

关键词 卫矛属, 鳞果卫矛, 雷山卫矛, 贵州

分类号 Q 949

鳞果卫矛 新种 图 1

Euonymus furfuraceus Q.H.Chen, sp. nov.

Species habitu *E. acanthocarpo* Franch. affinis, a quo differt pedunculis brevioribus, 2~3 cm longis, capsulis dense furfuraceis, nonnunquam pauciaculeatis, aculeis 0.5~1 mm longis. *E. chuii* Hand. - Mazz. similis, qui ramulis laevibus, petiolis brevissimis vel nullis, pedunculis gracilibus, capsulis laxae aculeatis vel sublaevibus distinguitur.

Frutex scandens, radicellis adventitiis; gemmae ovoideae, 4~5 mm longae; ramuli juvenes quadrangulati, dense verrucato-lenticellati. Folia opposita, sempervirentia, crasso-chartacea, oblonga vel elliptica, 10~13 cm longa, 3.5~5 cm lata, apice acuminata vel acuta, basi late cuneata vel breviter angustata, margine remote serrulata, nervis lateralibus 7~8-jugis, tenuibus, utrinque nonnihil conspicuis, venulis utrinque obscuris; petioli 8~12 mm longi, verruculosi. Dichasia 3-dichotoma, axillares, pedunculi quadrangulati, 2~3 cm longi; sepala 4, semiorbiculata; filamenta gracilia, circ. 1.3 mm longa. Capsulae globosae, 6~10 mm diam., fusco-brunneae, apice rotundatae, dense furfuraceae, nonnunquam pauciaculeatae, aculeis 0.5~1 mm longis, laxis.

Guizhou (贵州): Wengan (瓮安), Zhujiashan (朱家山), in forests, alt. 1120 m, 1982-08-11, C.Z. Dang (党成忠) 1997 (holotype, HGAS).

藤状灌木, 具气生根; 冬芽卵形, 长 4~5 mm; 小枝具四棱, 密被细疣点状皮孔。叶对生, 厚纸质, 长圆形或椭圆形, 长 10~13 cm, 宽 3.5~5 cm, 先端渐尖或急尖, 基部宽楔形或短渐狭, 边缘具疏离锯齿, 侧脉 7~8 对, 纤细, 两面略明显, 网脉不明显; 叶柄长 8~12 mm, 被细疣点。聚伞花序三回分枝, 腋生, 总花梗具四棱, 长 2~3 cm; 萼片 4,

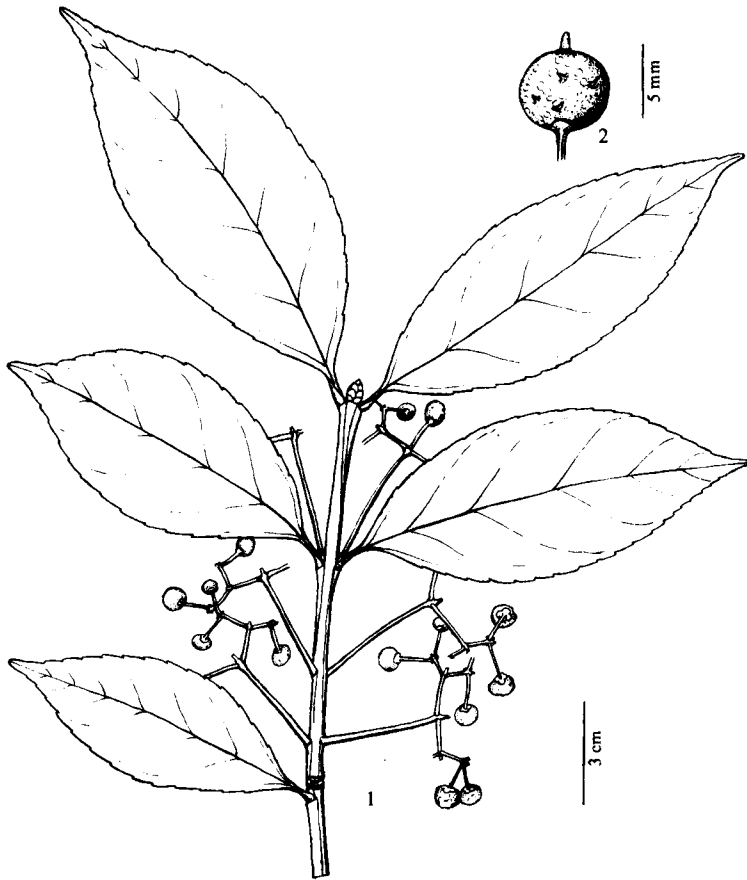


图1 鳞果卫矛 1. 果枝; 2. 果实

Fig.1 *Euonymus furfuraceus* Q.H. Chen 1. fruiting branch; 2. fruit.

半圆形; 花丝纤细, 长约 1.3 mm。蒴果球形, 直径 6~10 mm, 棕褐色, 顶部圆钝, 密被糠秕状鳞片, 有时还具少数刺, 刺长 0.5~1 mm, 稀疏。

本种外态极似刺果卫矛 *E. acanthocarpus* Franch., 但蒴果密被糠秕状鳞片, 有时还有少数刺, 刺长 0.5~1 mm 而易于区别。又与宝兴卫矛 *E. chuii* Hand. - Mazz. 区别在于后者小枝平滑, 叶柄极短或无, 总花梗纤细, 蒴果具疏皮刺或近于光滑。本种的性状显然是介于球果组 Sect. *Illicifolia* 和刺果组 Sect. *Echinococcus* 的中间类型, 抑或是这两者的种类经过自然杂交产生的后代。

雷山卫矛 新种 图2

Euonymus leishanensis Q.H. Chen, sp. nov.

Species *E. saxicola* Loes. et Rehd. affinis, sed foliis apice acutis vel breve acuminatis, basi cuneatis usque late cuneatis, supra rugosis a venulis impressis, pedunculis brevioribus, 1~1.5 cm longis differt.

Arbuscula ad 6 m alta; gemmae oblongo-ovoideae, 5~7 mm longae acuminatae; ramuli dense verruculoso-lenticelli. Folia opposita, sempervirentia, coriacea, ovata vel oblongo-ovata, 3.5~5 cm longa, 1.7~2.5 cm lata, apice acuta vel breviter acuminata, basi cuneata usque late cuneata, margine leviter revoluta, a medio sursum remote serrulata, basi integra, supra rugosa, nervis lateralibus 5~6-jugis, ut venulis impressis, subtus prominulis; petiolis 7~10 mm longis. Dichasia 2-dichotoma vel tantum 3-flora, pedunculi 1~1.5 cm longi. Flores 4-meri, 8~9 mm diam.; sepala semiorbiculata; petala late obovata 2.5~3 mm longa, 3.5~4 mm lata; disco subrotundato carnososo; stamina ad marginem disci inserta, filamenta brevissima vix 0.5 mm longa. Ovarium depresso-globosum in disco semiimmersum, 4-loculare, ovulis 2 in quoque loculo collateralibus; stigma capitatum sessile. Capsula depresso-globosa, apice retusa, leviter 4-lobata, 8~9 mm diam., costis 4, linearibus conspicuis. Semina 1~2 in quoque, arillis aurantiacis toto inclusa.

Guizhou (贵州): Leishan (雷山), Leigongping Mt. (雷公坪), under dense forests, alt. 2000 m, 1982-10-19, Y.K.Li *et al.* (李永康等) 11031 (holotype, HGAS).

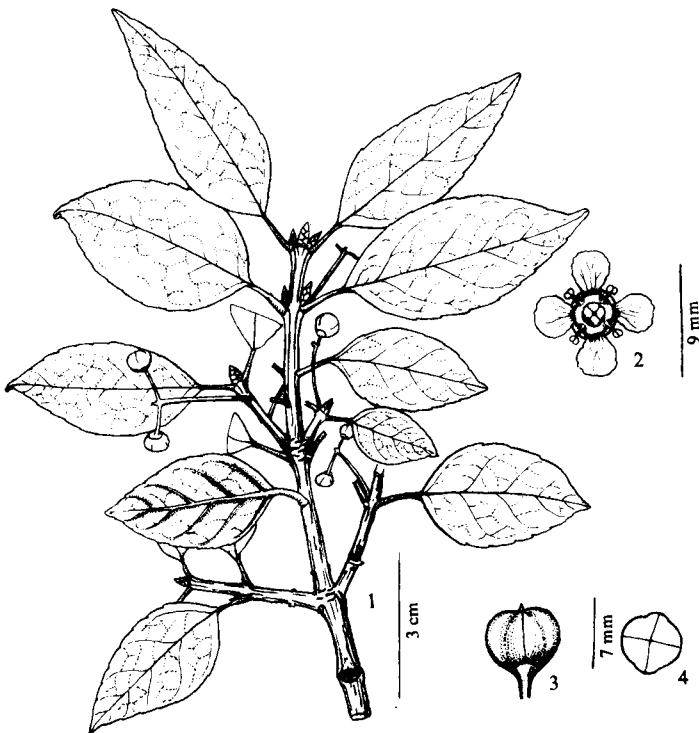


图 2 雷山卫矛 1. 果枝; 2. 花; 3~4. 果实

Fig. 2 *Euonymus leishanensis* Q.H.Chen 1. fruiting branch; 2. flower; 3~4. fruit.

小乔木，高达 6 m；冬芽长卵形，长 5~7 mm，渐尖头；小枝密被细疣点状皮孔。叶对生，革质，卵形或长圆状卵形，长 3.5~5 cm，宽 1.7~2.5 cm，先端急尖或短渐尖，基部楔形或宽楔形，边缘稍外卷，中部以上具疏离锯齿，基部全缘，上面多皱纹，侧脉 5~6 对，连同细脉下陷，下面稍隆起；叶柄长 7~10 mm。聚伞花序二分枝，或仅具 3 花，总花梗长 1~1.5 cm。花 4 数，直径 8~9 mm；萼片半圆形；花瓣宽倒卵形，长 2.5~3 mm，宽 3.5~4 mm；花盘近圆形，肉质；雄蕊着生于花盘边缘，花丝短，长仅 0.5 mm。子房扁球状，半陷入花盘内，4 室，每室具并列 2 胚珠；柱头头状，无花柱。蒴果扁球形，顶端微凹，稍 4 片裂，直径 8~9 mm，具明显 4 线棱。种子每室 1~2 粒，假种皮橙红色，全包种子。果期 9~10 月。

本种近似于岩卫矛 *E. saxicolus* Lose. et Rehd.，但叶先端急尖或短渐尖，基部楔形至宽楔形，上面小脉下陷而多皱纹，总花梗较短，长 1~1.5 cm 而易于区别。

致谢 承蒙李锡文先生审阅本文。