

Ilex dehongensis (Aquifoliaceae): A new species from Yunnan, China

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Abstract. A new species, *Ilex dehongensis* S. K. Chen et Y. X. Feng, related to *I. kwangtungensis* Merr., is described from Yunnan, China.

Key words: China; *Ilex dehongensis*; New species; Yunnan.

Ilex dehongensis S. K. Chen et Y. X. Feng, sp. nov. (Sect. *Lioprinus* (Loes.) S.Y. Hu, Ser. *Chinenses* S. Y. Hu)—TYPE: China, Yunnan, Dehong Dai-Jingpo Autonomous Prefecture, Longchuan County, Gongwa Township: 900–1,000 m, 3 Oct 1998, *G.D. Tao 13448* (holotype: KUN). Figure 1

Ilex kwangtungensi similis sed in ramulis et foliis in sicco non nigrescentibus, nervulorum retibus utrinque elevatis, fructibus globosis differt.

Arbor sempervirens usque ad 10–15 m alta. Ramuli graciles, hornotini 0.2 cm diam., cum foliis cymarus rhachibus, pedicellis fructiferis et sepalis persistentibus sparsim flavido-pubescentes. Folia lamina oblonga vel obovata, 5–13.5 cm longa, 3.5–5 cm lata, basi cuneata vel rotundata, apice mucronata vel truncata, margine supra medium leviter sparsim minute denticulata, costa supra non elevata plana subtus elevata, nervis lateribus utroque latere 10–14 utrinque elevatis. Flores ignoti. Cyma composita vel umbella 5-frutifera solitaria axillaris, rhachide (0.5)0.9–2.0 cm longis. Fructus maturus ruber, globosus 0.7–1 cm diam., pericarpio sicco aequato infuscato, stigmate persistentibus disciformi, pedicellis fructiferis 0.5–0.7 cm longis, pyrenis 4 ellipsoideis 0.7 cm longis dorso 0.4 cm latis unicanaliculatis, endocarpiis osseis.

Its solitary inflorescences in the axils of the leaves on the current year's growth and a single groove on the back of pyrenes place it unquestionably in the Sect. *Lioprinus* Ser. *Chinenses*. The new species is related to *Ilex kwangtungensis* Merr., which is distributed to Zhejiang, Jiangxi, Fujian, Hunan, Guangdong, Guangxi, and Yunnan provinces, but it differs from the latter in the branchlets and leaves not turning black after drying, and in having leaves with a vein network elevated both above and beneath as well as fruits globose rather than ellipsoid.

Distribution. This species is only known to Longchuan County, Dehong Dai-Jingpo Autonomous Prefecture, Yunnan province, China. The specific epithet is named after the type locality, Dehong.

Additional specimens examined. China. Yunnan, Dehong Dai-Jingpo Autonomous Prefecture, Longchuan County, Gongwa Township: 900–1,000 m, in wet forest. In fruit, 2 Dec 1974, *G. D. Tao 13492, 13504* (KUN).

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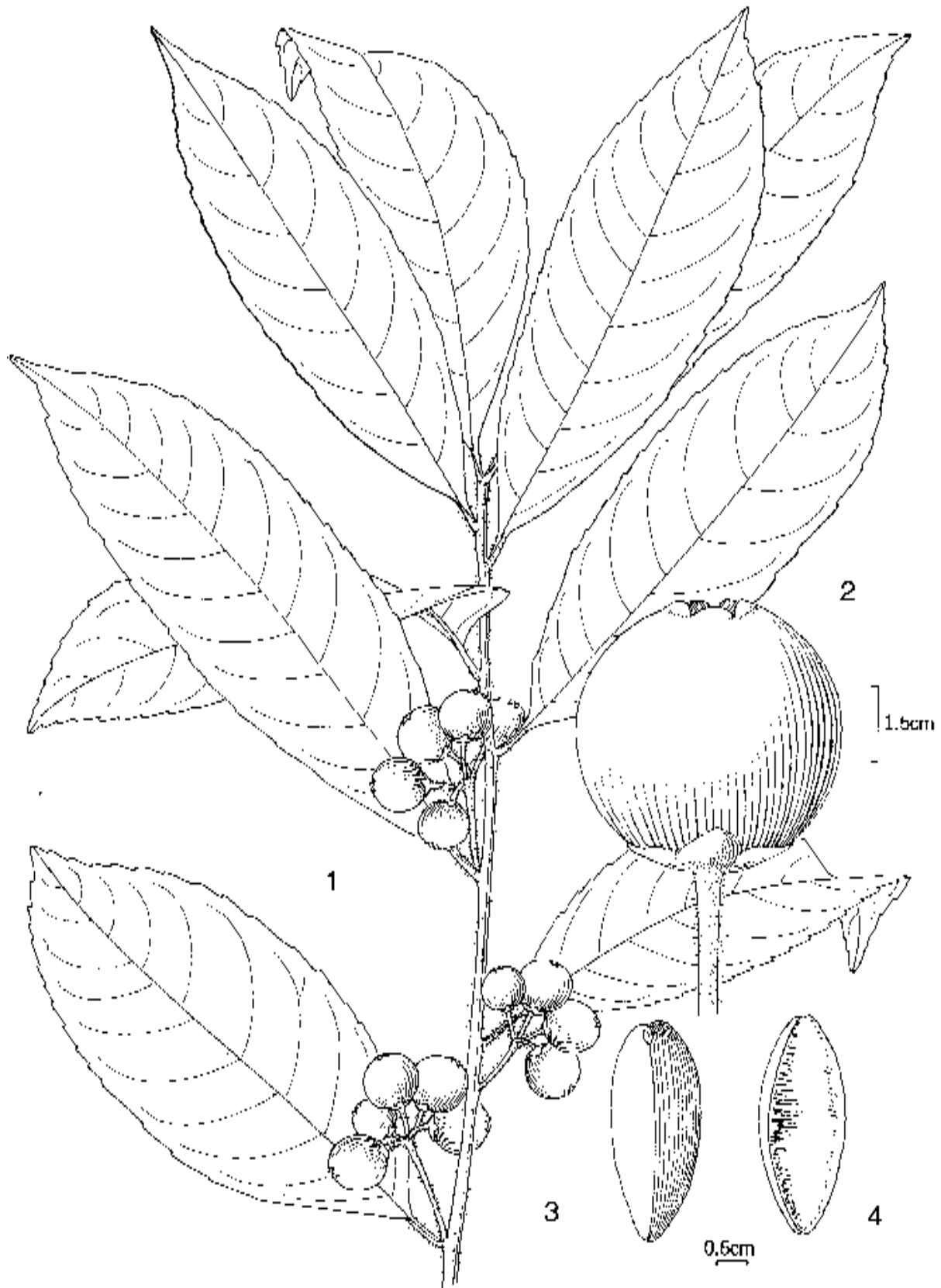


Figure 1. *Ilex dehongensis* S. K. Chen et Y. X. Feng. 1, A fruiting branch, original size; 2, A fruit, scale = 1.5 cm; 3, A pyrene in lateral view, scale = 0.6 cm; 4, A pyrene in dorsal view, scale = 0.6 cm. (Illustrated by Mr. Xi-lin Wu)

中國冬青屬 (*Ilex* L.) 一新種

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本文描述了產於中國雲南省冬青屬一新種 -- 德宏冬青 *Ilex dehongensis* S. K. Chen et Y. X. Feng。

關鍵詞：德宏冬青；新種；雲南；中國。