

Research paper

A new Species of *Glochidion ovalifolium* (Euphorbiaceae) from Taiwan

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【Abstract】 A new species of *Glochidion*, *G. ovalifolium* F. Y. Lu & Y. S. Hsu, from Taiwan is presented in this paper described. This species is found on the forest at 天望崎, Chiayi, ca. 300 - 600 m in elevation and known only from the type locality.

【Key words】 Euphorbiaceae, *Glochidion*, Taiwan, 天望崎, Taxonomy, new species.

研究報告

臺灣產大戟科之一新種—卵葉饅頭果

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【摘要】 本文發表臺灣產大戟科饅頭果屬 (*Glochidion*) 一新種植物，卵葉饅頭果 (*G. ovalifolium*)，本種植物特產於臺灣中部嘉義天望崎一帶森林，海拔高度介於 300 至 600 m 之間。

【關鍵字】 大戟科、饅頭果屬、臺灣、天望崎、分類、新種。

I. DESCRIPTION OF TAXA

Glochidion ovalifolium F. Y. Lu & Y. S. Hsu,
sp. nov. 卵葉饅頭果

Arbor vel arborescens, ramulis glabris. Folia alternata chartacea vel membranacea, ovata vel ovato-lanceolata, 7-18 cm longa, 4-6.5 cm lata, apice acuminata basi oblique cuneata vel truncata utrinque pagine glabra, petiolis 6-7 mm longis, glabris. Flores masculi ad axillas glomeratim vel umbellatim dispositis, pedunculalis umbellatis

5 mm longis, pedicellis florum 4-6.5 mm longis, glabris; sepala 6, obovata, exteriora majora 1.1 mm longa, 1.2 mm lata, interiora 0.7 mm longa, 0.8 mm lata, utrinque glabra; stamina 5-6, toto connata, apice breve apiculata, 0.8-1.0 mm longa. Flores feminei umbellatis, pedunculalis umbellatis 3-4 mm longis, pedicellis florum 2-3 mm longis, glabris; sepala 6, late ovata, utrinque glabra. Ovarium depresso-globosum, 0.5-0.7 mm longum, ca. 1 mm latum,

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hirsutum, 4-5-locellatum, stylo 0.5-0.7 mm longo, glabro, apice 4-5 lobo. Capsula depresso-globosa, 5-9 mm in diametro, 4-5 mm longa, breve tomentosa, 4-5-sulcata. Semina rubra.

Hab. : Chiayi, Taiwan.

Leg. : F. Y. Lu & Y. S. Hsu, 242 (holotype in NCAI)°

Specimeus cited. :

Chiayi, F. Y. Lu & Y. S. Hsu, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249 (NCAI)°

Note : 卵葉饅頭果與本屬植物中的披針葉饅頭果外部形態相似，惟其葉卵形、子房及蒴果皆被毛、花柱杯狀與蒴果縱溝裂明顯之特徵，可易與披針葉饅頭果區分。

II. LITERATURE CITED

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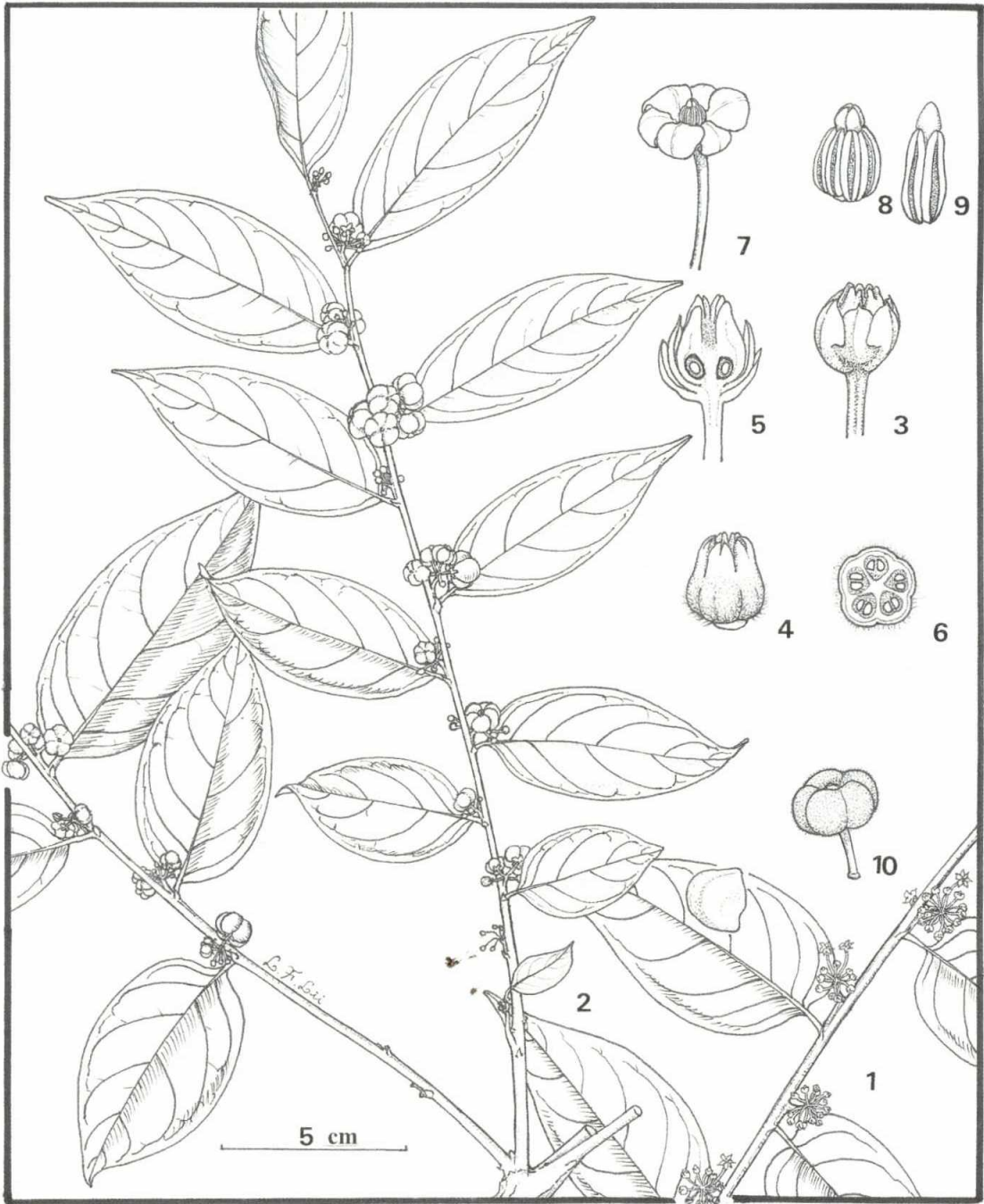


圖 1. 卵葉饅頭果 (*Glochidion ovalifolium* Lu et Hsu, sp. nov.) : 1.花枝 : 2.果枝 : 3.雌花 : 4.雌蕊 : 5.雌花縱切 : 6.子房橫切 : 7.雄花 : 8-9.雄蕊 : 10.蒴果。

Fig. 1. *Glochidion ovalifolium* Lu et Hsu, sp. nov. 1. flowering branch; 2. fruiting branch; 3. pistillate flower; 4. pistil; 5. longitudinal-section of pistillate flower; 6. cross section of ovary; 7. staminate flowers; 8-9. stamens; 10. capsule.



Fig. 1

Scale bar: 1 cm

Fig. 2

Fig. 3

Fig. 4