



图3 倒卵果省藤 1.叶鞘及叶柄; 2.叶下部; 3.叶中部; 4.叶顶部带纤鞭; 5.分枝花序一般(示小穗及果实); 6.种子纵剖面。(刘怡涛)

Fig.3 *Calamus obovoideus* 1. leaf-sheath and petiole; 2. lower portion of a leaf; 3. middle portion of a leaf; 4. terminal portion of a leaf; 5. portion of an inflorescence, showing spikelet and fruits; 6. seed in longitudinal section.

图4 桂南省藤 1.叶下部; 2.果序一部分; 3.果实; 4.鳞片; 5.种子纵剖面。(刘怡涛)

Fig.4 *Calamus austro-guangxiensis* 1. lower part of a leaf; 2. portion of a female inflorescence with fruits; 3. fruit; 4. scale; 5. seed in longitudinal section.

本变种与原种不同处在于叶鞘上的囊状凸起处无刺,果实较小,果被较短,近圆筒形,鳞片18列。

Yunnan (云南): Mengla (勐腊), Yaoqu (瑶区), alt. 700—800m, 1974.11.20, Z. H. Yang (杨增宏)12406 (typus, YNTBI).

24. 桂南省藤 新种 图4

Calamus austro-guangxiensis S. J. Pei et S. Y. Chen, sp. nov. — *C. tetradactylus* auct. non Hance. Wei in *Guihaia* 6: 33. 1986 (C. C. Chang 13268).

Species *C. melanolomae* Mart. affinis, sed fronde leviter longiore; segmentis leviter longioribus et latioribus, elliptico-oblanceolatis, non lanceolatis vel oblanceolatis; inflorescentia feminea bis ramificanti, non semel ramificanti; fructu ellipsoideo differt.

Caulis scandens, gracilis. Frondes pinnatisectae (ad supra medium tandem visae); rhachis ab nuctere visa, subtus unguibus solitariis reflexis leviter densioribus, in utroque latere breviter

unguibus et spinis strictis, apice et cirrhus subtus unguibus 2 vel 3 connatis vel semiverticillatis ornata; segmenta non multa saepe in pairia inserta, in quoque pairibus ad angulus 45° patensta, inferne raro solitaria, elliptico-oblancoolata, versus basin angusta, apice acuminibus setiformibus acute ornata, 14—15 cm longa, 3.5—4 cm lata, supra conspicue 5-nervis, nervulis transversalibus leviter densioribus conspicue praedita. Inflorescentiae masculi ignoti. Inflorescentia feminea tantum superior visa, bis ramificans; spatha primaria longe tubulosa, in circumscriptionem unguibus spargentibus ornata; spatha secundaria longe tubuloso-infundibuliformis, in circumscriptione unguibus pauce ornata; spathilla asymmetricre infundibuliformis; involucrophorum semicupulatum extra spathillam 1—2 productum leviter axillari-callosum; involucrum prope cupulatum; flore sterili in involucro latere insertum, areola lunata praeditae. Flores femineae ignotae. Perianthium fructiferum conspicue pedicellatum; calyx vadose 3-lobatus. Fructus ovoideus vel ellipsoideus, stramineus, c. 1.8 cm longus, 1.2 cm latus, squamis longitudinaliter 15-seriatis, medio vadose et late canaliculatis, margine atrato-lineatis, erosis, sursum apice gradatim latis praeditus; seminea ellipsoidea, c. 1.5 cm longa, 1.1 cm lata, leviter complanata, supra profunde areolata; albuminibus ruminatis; embryoes prope basilares.

Guangxi (广西): Shangsi (上思), Shiwandashan (十万大山), 1958. 11. 5, Chang (张肇骞) 13268 (typus, IBG): H. Q. Li (黎焕琦) 40395.

茎攀援, 细长。叶羽状全裂, 只见叶的中上部; 所见叶轴下面具稍密的单生下弯的爪, 两侧具短爪或直刺, 顶部及纤鞭的下面具 2—3 个合生或半轮生的爪; 羽片不多, 通常 2 片成对着生, 每对羽片约叉开 45° 的角, 下部偶有单片羽片着生, 椭圆状倒披针形, 向基部变狭, 顶端为急尖的具刚毛的尖头, 长 14—15 cm, 宽 3.5—4 cm, 上面 5 条肋脉及横脉明显, 稍密。雄花序未见。雌花序只见上部, 二回分枝, 一级佛焰苞长管状, 周围有星散的爪; 二级佛焰苞长管状漏斗形, 周围有少数几个爪; 小佛焰苞不对称漏斗形; 总苞托半杯状, 半伸出于小佛焰苞, 稍具腋部胼胝体; 总苞近杯状; 中性花小窠半月形, 侧生于总苞侧边。雌花未见。果被明显梗状; 萼片浅 3 裂。果实卵形或椭圆形, 草黄色, 长约 1.8 cm, 宽约 1.2 cm, 鳞片 15 纵列, 中央具浅而宽的沟槽, 边缘具暗色线, 啮蚀状, 向顶端变宽; 种子椭圆形, 长 1.5 cm, 宽 1.1 cm, 稍扁, 表面具深的洼穴, 胚乳稍嚼烂状, 胚近基生。

本种与 *C. melanoloma* Mart. 相近, 但本种叶稍长, 羽片亦稍长而宽, 呈椭圆状倒披针形而非披针形或倒披针形; 雌花序二回分枝而非一回分枝, 果实呈椭圆形而不同。

二、钩叶藤属 *Plectocomia* Mart. et Bl.

1. 高地钩叶藤 新拟

Plectocomia himalayana Griff. in Calc. Journ. Nat. Hist. 5:100.1845; Palm. Brit. East Ind. 108.t. 219.1850; Becc. et Hook. f. in Hook. f. Fl. Brit. Ind. 6:478.1893; Becc. in Ann. Roy. Bot. Gard. Calc. 12(3):36.t. 23. 1921. — *P. montana* Hook. f. et Thoms. in Hook. f. Fl. Brit. Ind. 6:478.1893; Becc. in Ann. Roy. Bot. Gard. Calc. 12(3):36.1921.

云南 (Yunnan): 勐腊 (Mengla), 南贡山 (Nangongshan), 陈三阳, 童绍全 (S. Y. Chen et S. Q. Tong) 18984; 瑶区 (Yaoqu) 考察队 34238; 沧源 (Cangyuan) 王启无 (C. W. Wang) 73243. 国家重点保护植物。我国分布新记录; 锡金大吉岭有分布。