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A New Species of *Cycas* from Guangxi

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Abstract: *Cycas crassipes* Chang Zhong et Lu collected from Longling County Guangxi, characterized by the numerous pinnae, hiant carpophylls and robust pedicels.

Keywords: *Cycas*; *C. crassipes*; robust pedicels; numerous pinnae

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Species carpophyllis majoribus 22 cm longis, 11 cm latis, pedicelis reobustis 10 cm longis, 1 ~ 1.2 cm in diam, pinnis numerosis 140 ~ 150 jugis distincta; a *Cycas fairylakea* et *C. segmentifida* pinnis pluribus, petiolis brevioribus, carpophyllis majoribus robustioribus differt.

Truncus circ. 2 cm altus. Folia simplicipinnat, petiollis 75 cm longis robustis 2.5 ~ 3 cm in diam., spinis 33-jugis, 1 ~ 2 mm longis, inter se 1 ~ 1.5 cm remotis, frontibus 155 ~ 175 cm longis, 40 ~ 45 cm latis, pinnis 140 ~ 150 jugis, 25 ~ 32 cm longis, 1 cm latis, tenuiter coriaceis, interse 8 ~ 10 mm distantibus, apice acuminatis. Carpophylla 19 ~ 22 cm longa, 10 ~ 12 cm lata, parte inferiore pedicello 10 ~ 11 cm longo, 10 ~ 12 mm in diam, robusto luteo-tomentoso, utringue ovulo 2 ~ 3 instructa; parte superiore lamina lato-ovata, pectinatim pinnatifida, 11 ~ 13 cm longa, 10 ~ 12 cm lata, segmentis 15 ~ 22 jugis, 3 ~ 5 cm longis, 2 ~ 3 mm latis, segmento terminali. 4 ~ 4.5 cm longo, 8 ~ 10 mm lato. Semina lutea

Fig. 1 *Cycas crassipes* Chang et al.
1 leave; 2 carpophyll

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glabra immatura.

Guangxi: longling, alt. 690 m in arenoso saxum, 29 Mejus, 1998, Zhong Y. C. 8778 $\pm$ typus, SYS.

Trunk 2 m tall. Leaves simplicipinnate, fronds 155 ~ 175 cm long, 40 ~ 45 cm wide with 140 ~ 150 pair pinnae, pitioles circ. 70 cm long robust, spines 33 pairs pinnae 25 ~ 32 cm long, circ. 1 cm wide, thinly coriaceous, midrib elevated on both sides, margin slightly revolute. Carophylls 19 ~ 22 cm long, 10 ~ 12 cm wide, lower part pedicellate, pedicels 10 ~ 11 cm long, 1 ~ 1.2 cm in diam, robust, yellowish tomentose, ovules 2 ~ 3 each side, upper part broad ovate 11 ~ 13 cm long, 10 ~ 12 cm wide, pectinate with 15 ~ 22 segments in each side, terminal segment 4 ~ 4.5 cm long, 8 ~ 10 mm wide, Seeds yellowish, glabrous, immature.

广西苏铁一新种

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摘 要: 厚柄苏铁, 新种.

Cycas crassipes Chang, Zhong et Lu 叶长 230 ~ 250 cm, 有羽息片 140 ~ 150 对. 大孢子叶粗大, 长 19 ~ 22 cm, 上部篦状齿裂, 有裂片 15 ~ 22 对, 顶片宽 8 ~ 10 mm, 长 4 ~ 4.5 cm, 下半部果柄长 10 ~ 11 cm, 宽 1 ~ 1.2 cm, 极粗壮, 胚珠每侧 2 ~ 3 个. 新种采自广西隆林, 钟业聪 8778, 模式存于中山大学植物标本室.

关键词: 苏铁属; 厚柄苏铁; 果柄粗大; 羽片多数

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