

马尾南星——中国广西中部天南星科一新种^{*}

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Arisaema hippocaudatum, A New Species of Araceae from Central Guangxi, China

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马尾南星 新种 图 1: 1-4

Arisaema hippocaudatum S. C. Chen et H. Li, sp. nov. Fig. 1: 1-4

Haec species spadiciis masculi appendice plus minusve hippocaudatiformi *A. balansae* A. Engl. similis, ab eo dif-
fert foliis duobus minoribus atque flore masculo diandro.

Folia duo; petiolus 5.5-6.5 cm longus; lamina trisecta, supra nitido-viridis, foliolo intermedio 9.5-10 cm
longo, 3.2-3.5 cm lato, ansa 8-11 mm longa. Spathae tubus ad marginem oris vix vel leviter auriculatus. Spadix
masculus ca 16 cm longus; inflorescentia ca 4 cm longa, laxiflora; appendix plus minusve hippocaudata, recurva, ca
12 cm longa, florum sterilius rudimentis numerosis filiformibus vel subulatis, infimis remotis 3-4 mm longis, superior-
bus densis 3-5.5 cm longis obsita. Flores masculi stipitati, plerumque diandri.

Guangxi (广西): Du'an County (都安), Longwan (龙湾), alt. 620 m. in a limestone crevice (在石灰
岩缝隙中) on a hilltop. S. C. Chen 2429 (holotype, PE), 2000-04-29.

Plant dioecious. Tuber unknown. Leaves two; petiole 5.5-6.5 cm long, green marked with purple, with a long
sheath at base; blade shining green above, paler and evidently nerved beneath, divided into three leaflet segments; the
terminal leaflet elliptic, 9.5-10 cm long, 3.2-3.5 cm wide, aristate at apex, with a tip (ansa) 8-11 mm long;
lateral ones slightly smaller. Peduncle erect, overtopping the leaves. Spathe ca 12 cm long, green-tinged except for the
white center, with its lower margins incurved or more or less overlapping to form a cylindrical tube up to 6 cm long and
2.7 cm in diameter, scarcely or slightly auriculate at its mouth; spathe limb subovate-lanceolate, 8 cm long, 4 cm
wide, the apex aristate and recurved. Spadix subsessile, ca 16 cm long; staminate inflorescence subterete, gradually
attenuate upward, green, ca 4 cm long, loosely flowered; appendix extending beyond the mouth of the spathe tube,

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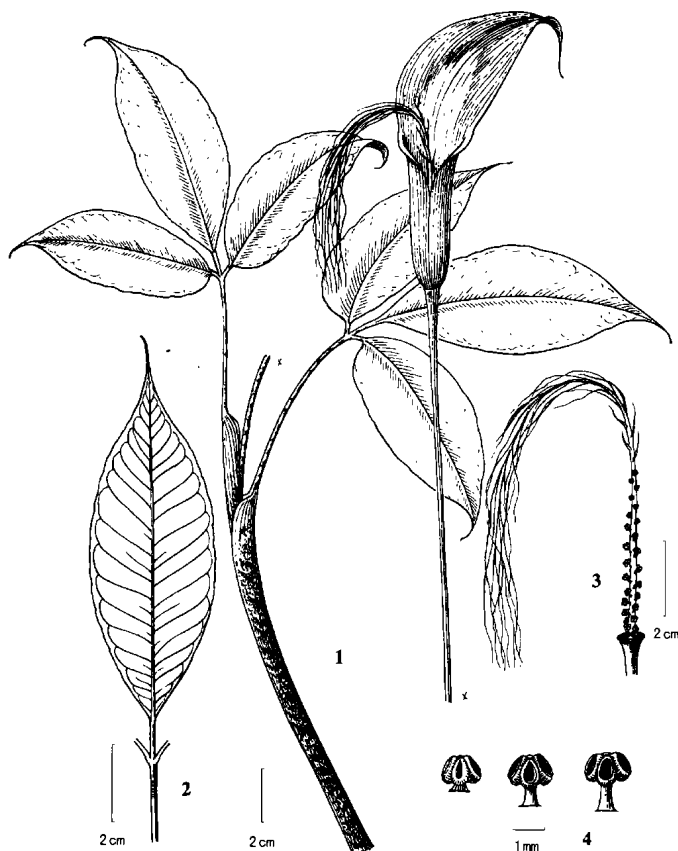


图1 马尾南星 1. 带花植株; 2. 顶生小叶片, 背面观; 3. 肉穗花序; 4. 雄花。(蔡淑琴绘)

Fig. 1 *Arisaema hippocaudatum* S. C. Chen et H. Li 1. Flowering plant; 2. Terminal leaflet, back view; 3. Spadix; 4. Male flowers.

greenish, ca 12 cm long, more or less horsetail-shaped, recurved, with many filiform or subulate sterile flowers, the lower sterile flowers scattered 3–4 mm long, the upper ones numerous and crowded 3–5.5 cm long. Male flowers stipitate, usually diandrous; stipe 0.2–0.9 mm long; theca ellipsoid, 0.4–0.7 mm long.

The new species resembles *Arisaema balansae* A. Engl., from which it differs by having two much smaller leaves and diandrous male flowers.

Arisaema hippocaudatum S. C. Chen et H. Li is known only from the type locality, where several plants were found growing deeply in the limestone crevices on a hilltop. We knew nothing about the hypogaeal portion of this new species, whether it is a rhizome or a tuber. It is treated here as a new species related to *Arisaema balansae* A. Engl., a widespread species ranging from northern Vietnam to Thailand. They both have a more or less horsetail-shaped appendix. From the new species, however, *A. balansae* is very clearly distinguished by having a much larger leaf with its terminal leaflet up to 24 cm long and 10 cm wide, a clear auricle on either side of the spathe tube, and 3- or 4-androus male flowers.

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