

广西天南星属一新种

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A NEW SPECIES OF GENUS ARISAEMA MART. FROM GUANGXI

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关键词 天南星属; 桂西南星

Key words Arisaema; guixiense

新种 天南星科

桂西南星 新种 图 1

Arisaema guixiense S. Y. Liu, Sp. nov.(Sect. *Decipientia* Engl.)

Affinis *A. decipientis* Schott, quod planta humilior, foliis subtus purpureo-maculatis, spathae tubo longiore, appendice cylindrica apice obtusa differt; etiam species *A. rhizomato* C. E. C. Fischer similis, sed petiolo multo longiore ad 62 cm longo, maculis fuscis et atroviridibus, laminis 3-7-sectis, spatha purpureo-maculata, lamina apice acuminata in caudum filiformem ad 18 cm longo exeunte, inflorescentia feminea ad 4 cm longa, appendice ad 6 cm longa apice obtusa differt.

Herba perennis. Rhizoma cylindricum circa 12 cm longum et 1.5-4 cm crassum. Cataphylla 3-5, ovata vel lanceolata 2-30 cm longa, apice acuta vel acuminata. Folia 2-3, petiolus 26-62 cm longus, inferne 2/5-3/5 vaginante, cum cataphyllo fuscus et atro-viridis maculatus; lamina pedatiim (3)-5-7-secta, elliptica vel longe elliptica, apice longe acuminata vel caudata, basi cuneata vel obtusa; supra atro-viridis, costa media et nervis lateralibus impressis, subtus viridula purpureo-maculata, nervis distinctis elevatis, nervis collectivis 3, segmento mediano 16-33 cm longo, 6-11 cm lato, petiolato 1.5-3 cm longo; segmentis lateralibus versus lateri sensim parva, laere exterior 8-18 cm longis, 3-5.2 cm latis, asymmetricis, sessilibus. Pedunculi multo breviores quam petioli, 11.5-30 cm longi. Spathae tubus cylindricus 5-10 cm longus, 1.2-1.8 cm diam., extus flavo-virens, utriusque purpureo-maculatus, intus densius, lamina anguste ovato-lanceolata 5-10 cm longa et 1.8-4 cm lata, recurva, intus fuscata, extus viridis, superne purpureo-maculata, margine reflexa, apice in caudum 6.5-18 cm longa angustata. Spadix dioecius; Spadices femineae inflorescentiae cylindricae 2.8-4 cm longae, 8-14 mm crassae, dense florae, 60-100-florae, ovarium ovoideo-globosum vel obovatum, leviter 5-angulatum stylus purpureus circa 0.5 mm longus, stigmatibus capitatis;

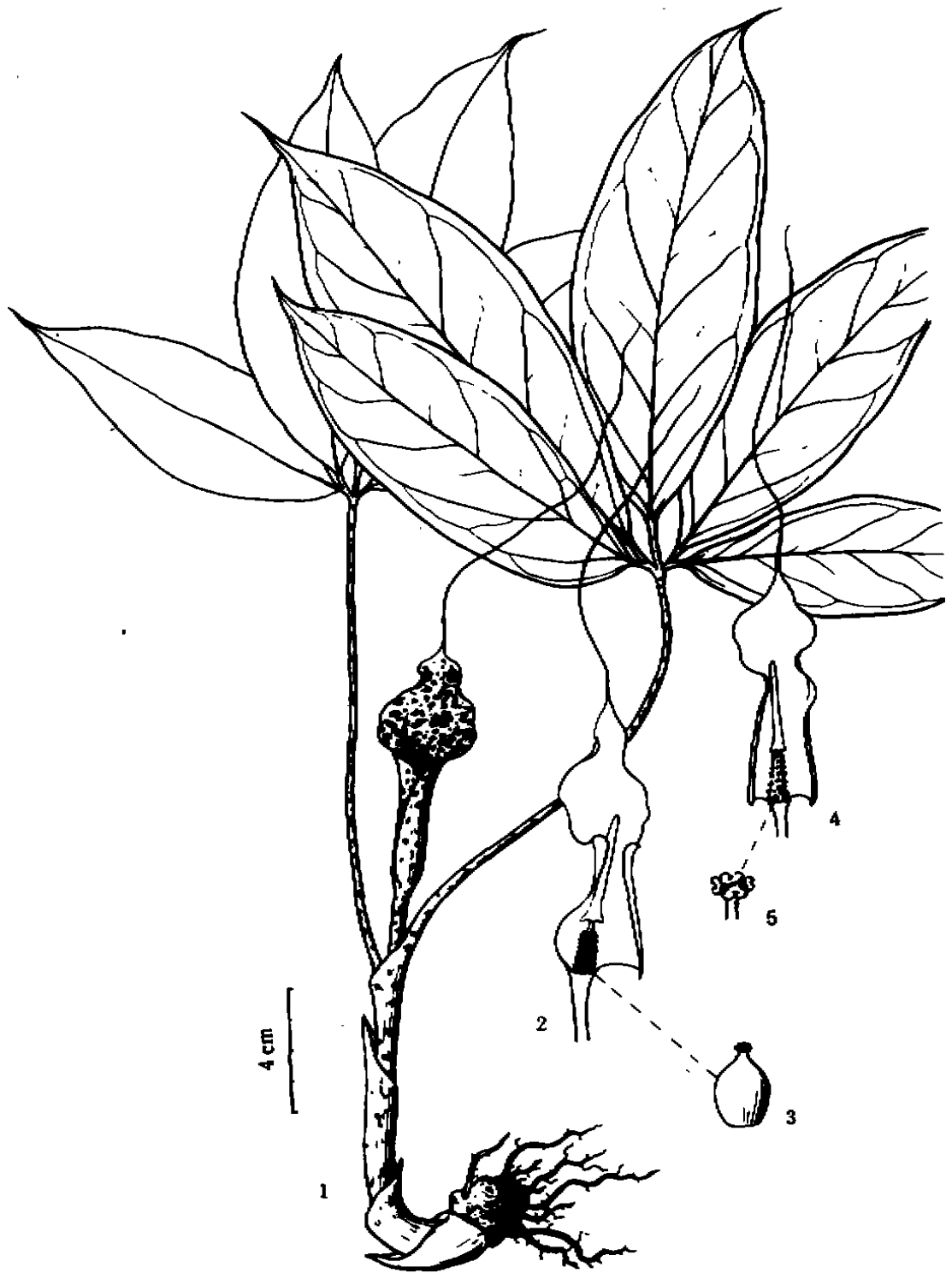


图1 桂西南星 *Arisema guixiense* S. Y. Liu, Sp. nov.
1. 植株; 2. 雌花花序; 3. 雌花; 4. 雄花花序; 5. 雄花。(廖信佩绘)

inflorescentia mascula 1.6 ~ 2.8 cm longa, 6 ~ 8 mm crassa; flos masculinus stipitatus, stipite circa 1.5 mm longo, saepe antheris 3; appendix cylindrica 3.8 ~ 6 cm longa, 4 ~ 10 mm crassa, superne purpureo-maculata, longitudinaliter gracilliterque pluri-angulata, inferne purpurea, apice obtusa, spinis mollibus multo munita, basi ampliata, fundo truncata, stipite 3 ~ 6 mm longa. Fructus ignotus. Floret ex Oct. ad Nev.

Guangxi: Tianlin Xian, in sylvis vallis et fossis humidis, 13 Oct. 1993 S. Y. Liu 002736 (Typus Fl. in IBK; Isotypus in GXCM).

多年生草本，根基圆柱形，长约 12 cm，直径 1.5 ~ 4 cm，具细密环纹，上部节上生多数圆柱形根，根亦具细环纹，下部具多数根痕。鳞叶 3 ~ 5，卵形、披针形，长 2 ~ 30 cm，先端锐尖至渐尖。叶 2 ~ 3，叶柄长 26 ~ 62 cm，下部 2/5 ~ 3/5 具鞘，连同鳞叶具浅棕色与墨绿色相间斑纹；叶片鸟足状分裂，裂片 (3-) 5 ~ 7，椭圆形至长椭圆形，上面绿色，主脉及侧脉凹陷，背面浅绿色，具紫斑，叶脉明显突起，集合脉 3 圈，最内一圈距边缘约 5 ~ 10 mm，基部楔形或钝圆，先端长渐尖至长尾尖；中裂片长 16 ~ 33 cm，宽 6 ~ 11 cm，具长 1.5 ~ 3 cm 的柄，侧裂片向外侧依次渐变小，最外侧的长 8 ~ 18 cm，宽 3 ~ 5.2 cm，不等侧，无柄，基部外侧圆形，内侧楔形。花序柄远短于叶柄，长 11.5 ~ 30 cm，佛焰苞管部圆筒形，长 5 ~ 10 cm，直径 1.2 ~ 1.8 cm，喉部边缘外展，外面浅黄绿色，具紫色小斑点，内面具密集紫色斑点；檐部狭卵状披针形，长 5 ~ 10 cm，宽 1.8 ~ 4 cm，下弯，内面黑紫色，外面绿色，上部具紫斑，外缘向外反卷，先端具长 6.5 ~ 18 cm 的线状长尾。肉穗花序单性：雌花序狭圆锥形，长 2.8 ~ 4 cm，粗 8 ~ 14 mm，具花 60 ~ 100 朵，密集，无花被，子房卵球形或倒卵圆形，淡绿色，略具纵 5 棱，花柱长约 0.5 mm，紫色，柱头头状，具密集小乳突体；雄花序长 1.6 ~ 2.8 cm，粗 6 ~ 8 mm，雄花具长约 1.5 mm 的柄，无花被，疏离，花药通常 3，紫色，顶孔横裂；各附属器圆柱形，略呈棒状，长 3.8 ~ 6 cm，粗 4 ~ 10 mm，有光泽，下部紫色，上部具紫斑，具多数细纵棱，先端钝圆，有少数小软刺，基部膨大，基底截形，具长 3 ~ 6 mm 的柄。果实未见。花期 10 ~ 11 月。

本种与奇异南星 *A. decipiens* Schott 近似，不同之处本种植株较矮，叶背具紫斑，佛焰苞管部较长，附属器先端钝圆；又与雪里见 *A. rhizomatum* 相似，但本种的叶柄远长，达 62 cm，饰以浅棕色与墨绿色斑纹，叶裂片 3 ~ 7，佛焰苞具紫斑，檐部先端具长达 18 cm 的线状长尾，雌花序长达 4 cm，附属器长达 6 cm，先端钝圆而明显不同。

广西：田林县浪平乡、姚家湾，山谷林下，水旁或潮湿的地方。1993 年 10 月 13 日刘寿养 002736 (雌花模式存广西植物研究所，同号等模式存广西医学院)。