

四川天南星属(天南星科)一新种——川西南星

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摘要: 描述了四川西部天南星属(天南星科)植物一新种, 即川西南星。

关键词: 川西南星; 新种; 中国

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Arisaema chuanxiense (Araceae), a new species from Sichuan, China

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Abstract: A new species of the family(Araceae)*Arisaema* Mart. *Arisaema chuanxiense* Z. Y. Zhu, B. Q. Min et S. J. Zhu, from Chuanxi Sichuan, China is described.

Key words: *Arisaema chuanxiense* Z. Y. Zhu, B. Q. Min et S. J. Zhu; new species; China

川西南星 新种 川西南星 图 1

Arisaema chuanxiense Z. Y. Zhu, B. Q. Min et S. J.

Zhu, sp. nov. sect. *Sinarisaemna* Nakai

Species *A. xiangchengensi* H. Li et A. M. Li affinis, sed plantis 90 cm altis pruinosis; foliolum stellatis brevioribus angustioribusque petiolis brevibus; spathae lamina ovato-rotundatis brevioribus latioribusque apice linearibus 10.5 cm longis oblique infra; spadiceae femineis subconicis brevioribus; appendicis conicis vel conico-oblongis, inferis attenuatis pedunculatis, sterilibus multis lineari-lanceolatis gerctibus differt.

Herba perennis 70-90 cm alta, pruinosa. Tuberum compresso-globosum 5-8 cm diametrum, vaginis basi multiradicellis flavi-albis. Vaginae 2 tubulosae 16-28 cm longae circ. 3 cm diam. apice obtusae. Folia 2, segmentis 11-14 stellatis oblongis vel oblongo-ellipticis 13-16 cm longis 4.5-6.5 cm latis apice longe acuminatis aristato-caudatis circ. 2 cm longis basi attenuatis obscuris petiolatis, margine integra supra viridibus subtus pallescentis vel pallidis costis nervis late-

oribusque supra concavis subtus convexis; petiolis 38-42 cm longis robustis superis leviter tenuis inferis attenuatis ampliatis 2 cm diam. pallide viridis vaginis tubulosis margine membranaceis apice obtuso-rotundatis. Pedunculi petioli breviores circ. 27 cm longi pallide viridi. Spatha flavi-virida albidi-striata, tubo spathae cylindrico circ. 9 cm longo 2-2.5 cm diam. fauce oblique parallela, lamina ovato-rotundata circ. 9.5 cm longa circ. 9 lata apice longe lineare circ. 10.5 cm longa oblique infra protenta. Spadix unisexulis; spadicea mascula ignota; spadicea feminea subconica 3-3.2 cm longa 1.7 cm diam. Flores confertae, ovaro oblongo circ. 3 cm longo acii stylo brevi stigmati subconico placento basale 3-5-ovule uniloculae; appendici conico vel conico-oblongo 6.5-7 cm longo circ. 1.5 cm diam. flavi-albo apice obtuso, infero attenuato circ. 2 cm longo 8-10 mm diam. pedunculato, sterilibus multis lineari-lanceolatis 7-12 mm longis flavi-albis apice linedri-caudatis.

Sichuan: emeishan 2 100 m alt. B. Q. Min et Z.

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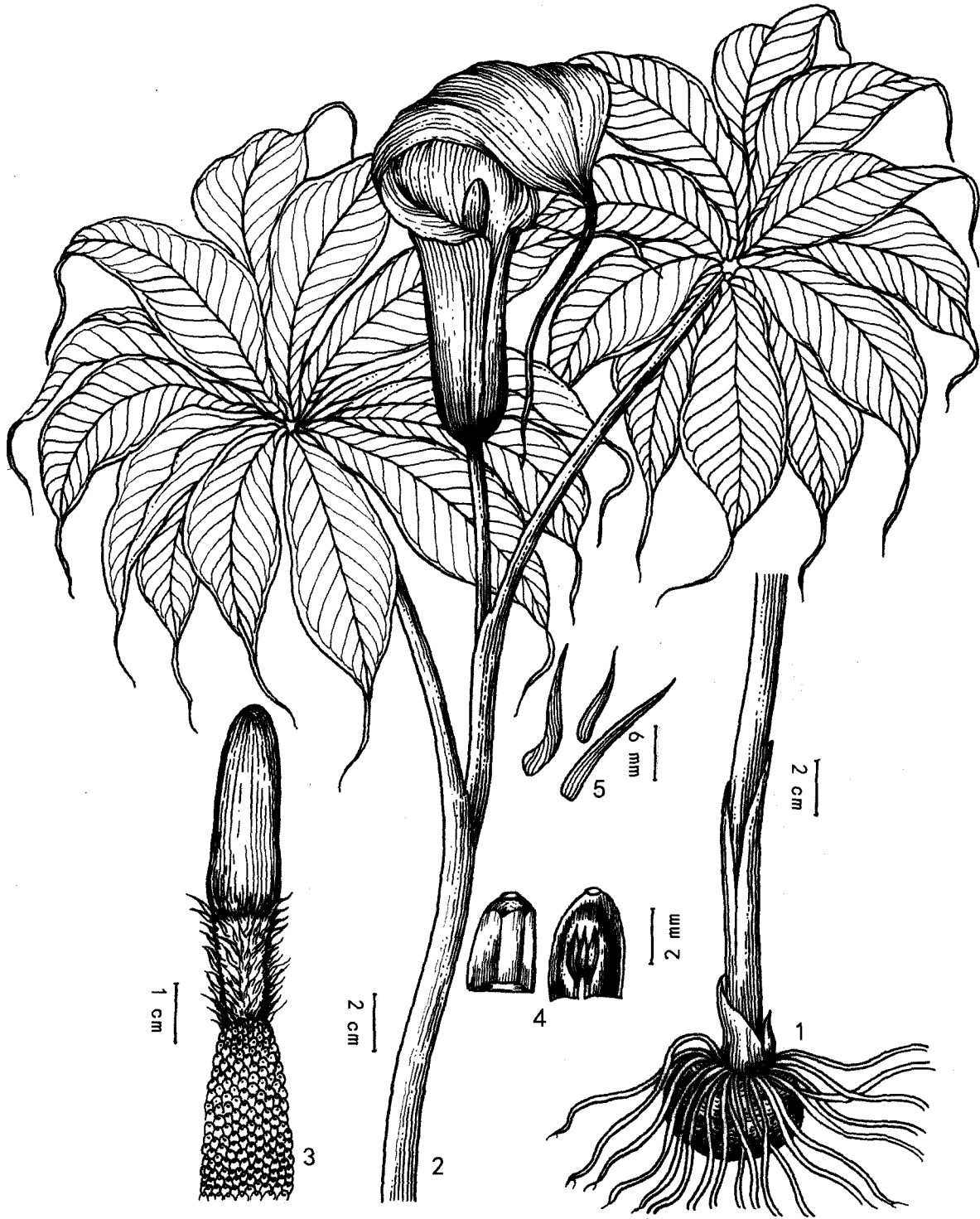


图 1 川西天南星

Fig. 1 *Arisaema chuanxiense* Z. Y. Zhu, B. Q. Min et S. J. Zhu

1-2. 植株; 3. 雌肉穗花序; 4. 子房及子房纵剖; 5. 中性花。(任忠杰 绘)

1-2. Plant; 3. Female spadix; 4. Ovary and ovary vertical section; 5. Sterile. (Drawn by REN Zhong-jie)

Y. Zhu 1507 (Holotype in Sichuan School of Chinese Materia Medica); ibid. Z. Y. Zhu s. n.

多年生草本, 高 70~90 cm, 被白粉。块茎扁球形, 直径 5~8 cm, 鞘基部具多数长 8~20 cm 的肉

质须根,黄白色。鳞叶2~3枚,圆筒状,长16~28 cm,直径约3 cm,先端钝。叶2枚,叶裂片放射状排列,11~14枚,长圆形或长圆状椭圆形,长13~16 cm,宽4.5~6.5 cm,先端长渐尖,具长约2 cm的芒状长尾,基部渐狭成不明显的柄,边缘全缘,上面绿色,背面淡白色或灰白色,中脉与侧脉上面下凹,背面凸起;叶柄长38~42 cm,粗壮,上部稍细,下部逐渐变粗达2 cm,浅绿色,鞘筒状,边缘膜质,先端钝圆。花序柄比叶柄短,长约27 cm,浅绿色。佛焰苞黄绿色,具淡白色条纹,管部圆筒形,长约9 cm,直径2~2.5 cm,喉部斜平展,檐片卵圆形,长9.5 cm,宽约9 cm,先端具长约10.5 cm的线形长尾,斜向下伸出。肉穗花序单生,雄花序未见;雌花序近圆锥形,长3~3.2 cm,粗达1.7 cm,花密集,子房长圆形,长约3 mm,具棱,1室,基生胎座,具3~5胚珠,柱头圆锥状;附属器圆锥状或圆锥状长圆形,长6.5

~7 cm,直径约1.5 cm,黄绿色,先端圆钝,下部渐狭成长约2 cm,粗8~10 mm的柄,柄上具多数线状披针形的中性花,中性花长7~12 mm,黄白色,先端细尖状。

本种与乡城南星 *A. xiangchengense* J. Li et A. M. Li 相似,但本种植株较高,达90 cm,被白粉;叶裂片短而窄;叶柄短;佛焰苞檐片卵圆形,短而宽,先端线状长尾长达10.5 cm,斜向下;雌花序圆锥状,较短;附属器圆锥形或圆锥状长圆形,下部渐狭成柄状,具多数线状披针形的中性花等可以区别。

四川:峨眉山,海拔2 000 m,闵伯清与祝正银1507号(模式标本,存四川省中药学校);同地,祝正银,无号。

球茎民间入药,叫白南星,燥湿化痰,却风镇惊,消肿。

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