

云南姜属一新种^{*}

钱义咏

(云南省思茅行署林业局, 思茅 665000)

关键词 姜属; 新种; 思茅姜

A NEW SPECIES OF *ZINGIBER* FROM YUNNAN

Qian Yi- yong

(Simao Administrative Office, Forestry Bureau of Yunnan Province, Simao 665000)

Key words *Zingiber*; New species; *Zingiber simaoense*

思茅姜 新种 图 1

Zingiber simaoense Y. Y. Qian, sp. nov.

Species affinis *Z. Densissimo* S. Q. Tong et Y. M. Xia, sed foliis oblanceolatis vel oblongis vel obovatis, 1.5–34cm longis, 1.2–7.5cm latis, petiolis 0.3–1.5(–4.5)cm longis, cinereo–fusco–villosis, infimis sessilibus, spicis obovatis, viridulis vel rubellis, labelli lobis mediis rotundis, apice rotundatis vel truncatis, capsulis rubris, seminibus nigris raro rubris differt.

Herba 30–60cm alta; rhizomata carnosa; radices extremis in globos ampliatae; Folia 3–7, oblanceolata vel oblonga vel obovata, 1.5–34cm longa, 1.2–7.5cm lata, apice acuminata, basi cuneata, supra glabra, subtus villosa, infima 1–2 sessilia; petioli 0.3–1.5(–4.5)cm longi, cinereofusco–villosi, ligulae bilobae, 1–8mm longae, dense villosae. Spicae obovatae, viridulae vel rubellae 4–7cm longae, 1.5–4cm latae, floribus 1–5; pedunculi albi, 3–10cm longi, villosi, squamati, squamis albis, 0.8–3.5cm longis sparse villosis; bracteae viridulae vel albae, apice rubellae, obovatae vel ellipticae, 3–5cm longae, 1.3–2.6cm latae, villosae; calyces tubulosi, albi, 1–1.5cm longi, villosi; corollae tubi albi, 4–5cm longi, lobis albis, lanceolatis vel anguste ovatis, 2.4–3cm longis, 7–11mm latis; labella alba, flabellata, glabra, trilobata, lobis mediis rotundis 1.7–2

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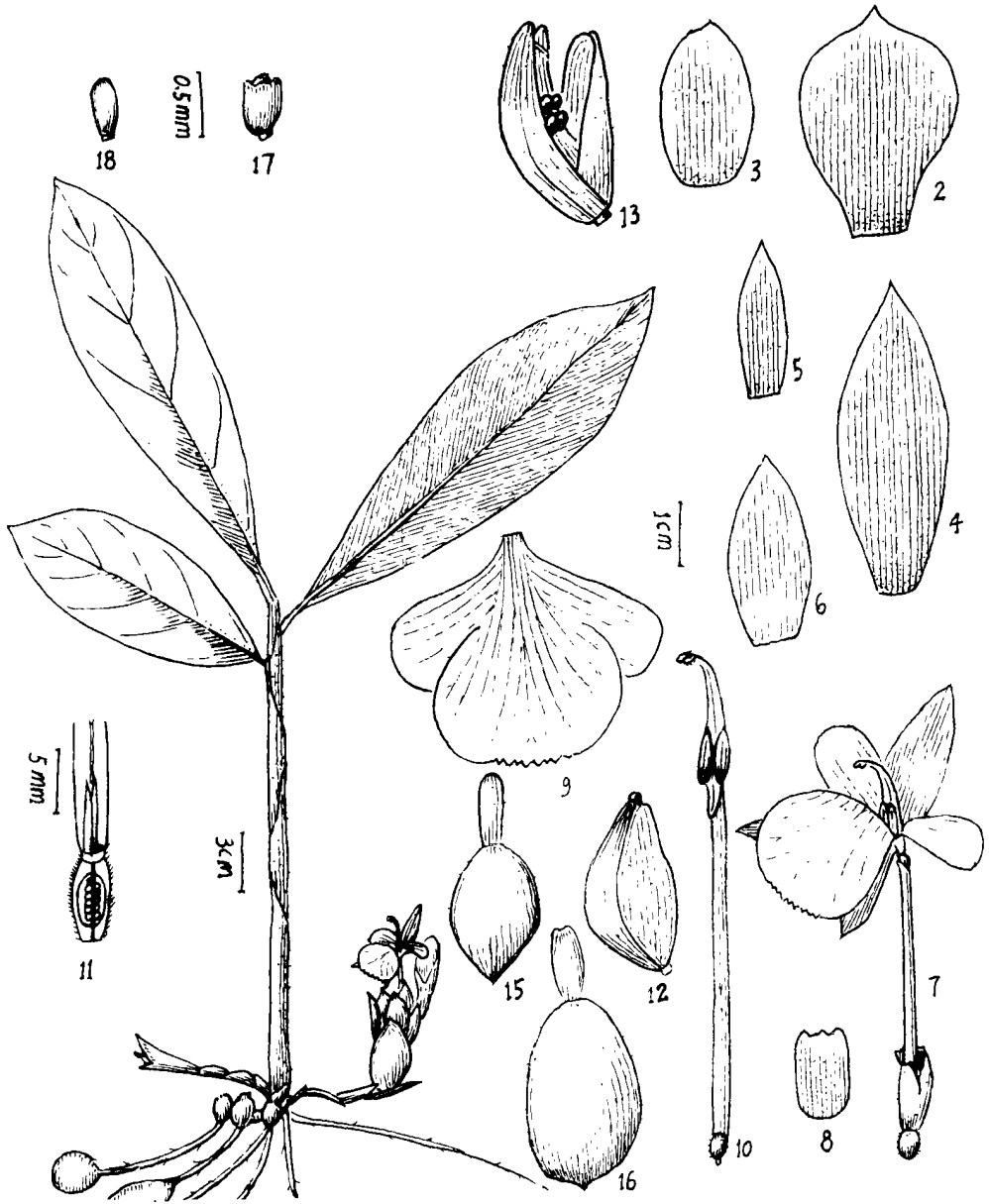


图 1 思茅姜

1. 花株; 2. 外苞片; 3. 小苞片展开; 4. 内苞片; 5. 两侧的花冠裂片; 6. 后方的花冠裂片; 7. 花; 8. 花萼展开; 9. 唇瓣展开; 10. 子房、花冠管和雄蕊; 11. 子房和部分花冠管纵剖, 示上位腺体; 12 15 16. 蒴果; 13. 开裂的蒴果; 17. 包以假种皮的种子; 18. 种子

Fig. 1 *Zingiber simaoense*

1. Plant flowering; 2. Exterior bract; 3. Bract opened; 4. Interior bract; 5. Lateral lobe of corolla; 6. Posterior lobe of corolla; 7. Flower; 8. Calyx opened; 9. Labium opened; 10. Ovary, tube of corolla and stamen; 11. Longitudinal section of ovary and corolla tube, showing superior gland; 12, 15, 16. Capsule; 13. Split capsule; 17. Seed and aril; 18. Seed

5cm longis, 2.2–3cm latis, apice rotundatis vel truncatis, lobis lateralibus obovatis, 1–1.5cm longis; antherae 1.1–1.2cm longae; connectivi appendicula 1.2–1.3cm longa; ovaria villosa. Capsula ovata, 2–3.5cm longa, rubra; semina nigra, raro rubra.

Yunnan Simao, alt. 1200–1600m, in forests, 7 Sept. 1988, Qian Yi-yong 1818 (holotype, IBSC), 1817 (isotype, SM AO), 1815, 1874, 1893.

草本,高30–60cm;根茎肉质;根末端膨大成球形。叶3–7片,倒披针形,矩圆形或倒卵形,长1.5–34cm,宽1.2–7.5cm,顶端渐尖,基部楔形,叶面无毛,叶背被长柔毛,最下面1–2片叶无柄;叶柄长0.3–1.5(–4.5)cm,被灰褐色长柔毛;叶舌2裂,长1–8mm,密被长柔毛。穗状花序倒卵形,淡绿色或淡红色,长4–7cm,宽1.5–4cm,有花1–5朵;花序梗白色,长3–10cm,被长柔毛,被鳞片,鳞片白色,长0.8–3.5cm,稀被长柔毛,苞片淡绿色或白色顶端淡红色,倒卵形或椭圆形,长3–5cm,宽1.3–2.6cm,被长柔毛;花萼管状,白色,长1–1.5cm;花冠管白色,长4–5cm,裂片白色,披针形或狭卵形,长2.4–3cm,宽7–11mm;唇瓣白色,扇形,无毛,裂,中间裂片近圆形,长1.7–2.5cm,宽2.2–3cm,顶端圆形或截形,侧裂片倒卵形,长1–1.5cm,花药长1.1–1.2cm;药隔附属体长1.2–1.3cm;子房被长柔毛。蒴果卵形,长2–3.5cm,红色;种子黑色,稀红色。花期8–10月,果期10–12月。

云南:思茅,海拔1200–1600m,在林中,1988年9月7日,钱义咏1818(主模式,存中科院华南植物研究所),1817(等模式,存云南省思茅行署林业局钱义咏标本室)。

本种与多毛姜 *Z. densissimum* S. Q. Tong et Y. M. Xia相近,但叶片倒披针形,矩圆形或倒卵形,长1.5–34cm,宽1.2–7.5cm,叶柄长0.3–1.5(–4.5)cm,被灰褐色长柔毛,最下部的无叶柄,穗状花序倒卵形,淡绿色或淡红色,唇瓣中裂片近圆形,顶端圆形或截形,蒴果红色,种子黑色,稀红色,易于区别。