

擬椴木，中國西南部木蘭科一新屬

胡先驕

植物分類研究所

鄭萬鈞

南京大學森林系

PARAKMERIA, A NEW GENUS OF MAGNOLIACEAE OF SOUTHWESTERN CHINA

By

HSEN-HSU HU and WAN-CHUN CHENG

Institute of Systematic Botany

Department of Forestry, Nanking University

擬椴木 *Parakmeria*, 新屬。

花被片十二，幾相等，內輪的稍小。小蕊約三十，插生於圓錐狀短軸上；花絲短；花藥線形，內向開裂；藥隔微伸出為附屬物，大蕊花未發現。——喬木，葉全緣；葉柄上面無疤痕；托葉游離，花單獨頂生，有單性，大小蕊花異株；芽包於鞘狀托葉內；花梗頗壯而長。

此屬與椴木 *Kmeria* 極為親近，其異處在有十二花被片與游離的托葉。此屬有兩種，產於中國西南部。

Parakmeria, gen. nov.

Tepala 12, subsimila, interiora minora. Stamina circiter 30, in axem brevem conicum inserta; filamentum breve; anthera linearis, introse dehiscens; connectivum in appendicem vix productum. Flores ♀ ignoti. — Arbor. Folia integra; petiolus supra non-cicatratus; stipulae liberae. Flores solitarii, terminales, unisexuales, dioici; alabastrum in bracteis spathoideis inclusum; pedunculus satis elongatus.

This genus is closely allied to *Kmeria*, differing in its 12 tepals and free stipules. It consists of 2 species endemic in southwestern China.

峨嵋擬椴木 *Parakmeria omeiensis* Cheng, 新種。

常綠喬木高十至二十公尺，直徑二十至四十公分；樹皮深灰色；小枝無毛，葉革質，橢圓形，短圓橢圓形至倒卵形，頂端鈍尖至鈍漸尖，基部闊楔形，全緣，上面光亮深綠色，下面淡綠色有腺點，中脈上面微有槽，下面顯著凸起，側脈八至十，上面微凸起，下面不顯著，兩面皆無毛，長八至十二公分，闊一·九至四·二公分；葉柄無毛，長一·五至二公分；大小蕊花異株，單生枝的頂端，小蕊花有粗壯花梗，花梗長九公厘，乳白色；萼片三，較薄，矩圓形，頂端圓或鈍，長三·八公分，闊一·三公分；花瓣八，倒卵形，長三·二至四·二公分，闊〇·八至一·九公分；花托卵圓狀；小蕊三十，長二至二·二公分；花絲深紅色，長六公厘，闊一公厘，扁；花藥長一·八公分，藥隔深紅色，頂端鈍尖。

產四川峨嵋山紅椿坪以上，海拔高一二〇〇至一五〇〇公尺叢林中，一九四〇年六月八日採，鄭萬鈞號數一〇五二五號(模式標本)，小蕊花標本。

產貴州榕江流域下江縣，加魯寨區公所前，趙子孝採三八二號，喬木高二十公尺，胸高周圍三·二公尺，幹皮灰褐色，花黃色，一年四〇年六月三日採。

***Parakmeria omeiensis* Cheng, sp. nov.**

Arbor sempervirens ad 10-20 m. alta, 20-40 cm. in diam.; cortice atro-cinereo; ramuli glabri. Folia coriacea, elliptica, oblongo-elliptica vel obovata, obtuse acuta vel obtuse acuminata, basi late cuneata, integra, supra lucide atro-viridia, subtus pallide viridia et punctata; costa media supra leviter sulcata, subtus prominente elevata, nervis lateralibus 8-10, supra leviter elevatis, subtus inconspicuis, utrinque glabra, 8-12 cm. longa, 1.9-4.2 cm. lata; petioli glabri, 1.5-2 cm. longi. Flores dioeci, solitarii, terminales; flores ♂ robuste pedunculati, pedunculibus circiter 8 mm. longis, lacti-albis; sepala 3, tenuiter, oblonga, apice rotundata vel obtusa, 3.8 cm. longa, 1.3 cm. lata; petala 8, obovata, oblongo-obovata, spatulata vel lineareo-oblonga, apice rotundata vel obtusa, 3.2-4.2 cm. longa, 0.8-1.9 cm. lata; torus ovoideus; stamina 30, 2-2.2 cm. longa; filamenta atro-rubri, 6 mm. longi, 1 mm. lati, compressi; anthera 1.8 cm. longa, connectivi atro-rubri, apice obtuse acuti.

Szechuan: Omei Shan, alt. 1200-1500 m., June 8, 1940, W. C. Cheng no. 10525 (type) in ♂ fls.

Kweichow: in the region of Yung Kiang, in front of Kalotsai, June 1940, T. S. Chao no. 3 82, in ♂ fls.

雲南擬椴木 *Parakmeria yunnanensis* Hu, 新種。

喬木高約二十二公尺，小枝圓柱狀，有星狀毛。葉橢圓披針形至披針形，基部楔形至窄形，頂端鈍至鈍漸尖，長六·五至十三公分，闊二·五至四·五公分，薄革質，上面無毛，下面有星狀毛，中脈上面微凸起，下面顯著凸起；側脈十二至十五，微顯著，網脈兩面均顯著，葉柄長至二·五公分，幾無毛，花芽橢圓狀，包含於鞘狀托葉內，托葉苞狀，革質，外面幾無毛，花梗頗粗壯，短，無毛，直立，花被四輪，三出；花被片十二，小蕊在花芽中約三十，長約八公厘；花絲短；藥隔伸出藥室頂端，成一短尖的附屬物。

雲南東南部：麻栗坡，黃金印，高一千二百公尺處，在密生小林中，樹高十八公尺，一九四〇，一月十三，王啓無 83157 號(模式標本)；西畴縣，法度，高一千二百公尺處，在密生林中，大樹高二十二公尺，直徑八十公分；一九三九年，十二月二日，王啓無，85180 號。

***Parakmeria yunnanensis* Hu, sp. nov.**

Arbor circiter 22 m. alta, ramuli teretes, stellato-pubescentes. Folia elliptico-lanceolata vel lanceolata, basi cuneata vel attenuata, apice obtusiuscula vel obtuse acuminata, 6.5-13 cm. longa, 2.5-4.5 cm. lata, tenuiter coriacea, supra glabra, subtus stellato-pubescentes, costa media supra leviter subtus prominenter elevata, nervis lateralibus utrinsecus 12-15, leviter prominentibus, venarum reticulatione utrinque conspicua; petioli ad 2.5 cm. longi, glabrescentes. Alabastrum ellipsoidum, initio in bracteis spathoideis inclusum; bractea coriacea, extus glabrescentes; pedunculus ante anthesin satis robustus, brevis, glaber, erectus. Perianthium 4-cyclicum, 3-merum; tepala 12. Stamina in alabastro circiter 30,

citciter 8 mm. longa, filamentum breve; connectivum ultra antherae loculos in appendicem brevem acutum productum.

Southeastern Yunnan: Marlipo, Hwangchingyin, alt. 1200 m., among dense woods, tree 8 m. high; C. W. Wang, no. 83157 (type) Jan. 13, 1940; Sichour Hsien, Faadoou, alt. 1200 m., among dense forest, large tree 22 m., 80 cm. in diam., C. W. Wang, no. 85180, Dec. 2, 1939.

This species is closely allied to the above species differing in broader and thicker leaves being stellato-pubescent beneath.