

# 华南植物志資料 Ⅲ

張宏達

Notulae Plantarum Austro—Sinicarum Ⅲ

Chang Hung—Ta

## 木蘭科 Magnoliaceae

### 球果木蓮 *Manglietia globosa* Chang, 新种

常綠乔木，高18米，直径50厘米，树皮暗灰色。芽体被柔毛。当年枝被褐色柔毛，老枝秃淨。叶革質，矩状倒披針形，长12—18厘米，寬3.5—5厘米，先端急銳尖，基部楔形，上面深綠色，略有光泽，下面初时被疏毛，旋变秃淨，有腺点，中肋在上面陷下，侧脉14—18对，在上面不明显，在下面稍突起，小脉不明显，叶柄长2—2.5厘米，被柔毛，基部膨大。花未見。果实頂生，园球形，直径2.5—3厘米，果柄长约2厘米，被柔毛。雄蕊軸长1—1.5厘米。成熟心皮30—35枚，每枚长1—1.2厘米，沿背縫裂开，先端近乎平截，喙不明显。种子8—12枚。

十万大山，秦仁昌8394。

本种小枝有柔毛，叶革質，侧脉不明显，下面有毛，果实园球形，成熟心皮先端近乎平截。

### 厚叶木蓮 *Manglietia pachyphylla* Chang, 新种

常綠乔木，高10米，胸径20厘米。芽体长筒形，长7厘米，苞片被褐色长茸毛。当年枝极粗壮，直径1厘米，秃淨无毛，被粉白，老枝黑褐色。叶厚革質，极坚硬，倒卵状椭圆形，或矩状倒卵形，长20—27厘米，寬6—10厘米，先端急銳尖，尖头长1—1.5厘米，基部楔形，上面深綠色，极光亮，下面淺綠色，秃淨无毛，中肋略下陷，侧脉9—11对，在上下两面均不很显著，网脉不明显，叶柄长4—5厘米，基部略膨大，极粗壮。花未見。果实椭圆形，长7厘米，寬4.5厘米，果柄长3厘米，无毛，直径1—1.2厘米，雄蕊軸长1.2厘米，成熟心皮36—46枚，每枚长2—2.5厘米，沿背縫裂开，先端有短喙。种子3—4枚，扁园形，直径5—6毫米。

广东：从化，三角山，王伯蓀、丘华兴241。

叶厚革質，长达27厘米，秃淨无毛，枝条极粗壮。从叶的形态看，有点象 *M. grandis* Hu et Cheng，但本种的叶特別厚，果实則較小。

### 小果拟木蓮 *Paramanglietia microcarpa* Chang, 新种

常綠乔木，高12米，胸径60厘米。芽体秃淨无毛。嫩枝秃淨，有明显的环状托叶痕。叶革質，矩状倒卵形，或倒披針形，长12—15厘米，寬3.5—4.5厘米，先端銳尖，基部楔形，上面深綠色，暗晦无光泽，下面被疏毛，旋变为黑腺点，中肋在上下两面均突起，侧脉12—14对，在上面不明显，在下面略突起，网脉不明显，叶柄长2.5—3厘米，基部膨大，无毛，托叶与叶柄基部連生，早落。花未見。果实頂生，单独，卵圆形，长

3.5厘米,寬約3厘米,雄蕊軸長1—1.3厘米。成熟心皮30—36枚,木質,長1—1.2厘米,先端近乎平截,沿腹縫裂開,心皮裂瓣厚2—3毫米。種子1—4枚,扁圓形,黑色,長4—5毫米。

江西:虔南,東里鄉,西坑障,劉心祈4246。

葉革質,背面有黑腺點,果實及成熟心皮均較小。

**薄壳木兰** *Magnolia tenuicarpella* Chang, 新种

灌木或小喬木,高3米。嫩枝禿淨,或靠近頂端略被柔毛,綠色,有明显环状托叶痕,老枝具皮孔。葉薄革質,橢圓形或矩狀橢圓形,長10—18厘米,寬4—6.5厘米,先端銳尖,基部闊楔形,上面綠色,暗晦无光澤,下面淺綠色,禿淨无毛,側脈9—13對,与网脉在上下两面均突起,叶柄長8—10毫米;基部稍膨大,托叶与叶柄連生,早落。花单独,頂生,花柄長約1厘米,被黃褐色茸毛,苞片闊卵形,長1.6厘米,寬2厘米,先端圓形,外側被褐色茸毛,花被瓣卵形,長1.5厘米,寬1—1.2厘米,雄蕊多数,長7毫米,花藥內向,花絲極短,心皮15—18枚,外側被褐毛,先端有短喙,胚珠每室1—2枚。果實長筒形,長4.5厘米,寬1.7厘米,成熟心皮沿背縫裂開,心皮裂瓣極薄。

海南:陵水,藤桥与保亭之間,生密林中,木本,高3米,花白,有香气,莫古礼20099 (模式标本),同地,馮欽20057。

和 *M. paucetulauma* Dandy 相近似,但本种的叶片較寬,果實及心皮較短小,心皮瓣極薄,表面平滑,不具小瘤状突起。

**无含笑** *Michelia glaberrima* Chang, 新种

常綠灌木,高2—3米。頂芽矩形,无毛。当年枝禿淨,干后變黑褐色,老枝褐色,具皮孔。葉聚于枝頂,革質,矩形,長7—10厘米,寬3—4厘米,先端略尖或微鈍,基部楔形,稍不等側,上面綠色,略有光澤,稍暗晦,下面橄欖綠色,无毛,中肋下陷,側脈8—10對,在上面明显,在下面稍突起,网脉在上下两面均明显,叶柄長8—15毫米,花未見。果實腋生,長3—4厘米,果柄長3—5毫米,雌蕊柄長約1厘米,有微毛,成熟心皮12—14枚,扁橢圓卵形,長1.6厘米,寬1厘米。種子3枚,卵圓形,長6毫米。

广东:怀集,党山,曾怀德22753。

与野含笑 *M. skinneriana* Dunn 及含笑 *M. figo* (Lour.) Spr. 很亲近,但是頂芽,嫩枝及叶片絕對禿淨,而且叶柄亦較長。

*Manglietia globosa* Chang, sp. nov.

Arbor 18 m alta, trunco 50 cm in diametro. Gemmae pubescentes. Ramuli hornotini brunneo-pubescentes, annotini glabrescentes. Folia coriacea oblongo-oblancoolata, 12--18 cm longa, 3.5--5 cm lata, apice acuta vel abrupte acuminata, basi cuneata, supra atro-viridia nitida, subtus primo pubescentia glabrescentia punctata, costa impressa, subtus elevata, nervis lateralibus utrinsecus 14--18, supra inconspicuis, subtus vix prominulis, venulis obsoletis, petiolis 2--2.5 cm longis, puberulis, basi dilatatis.

Flores non visi. Fructus terminalis, globosus, 2.5--3 cm in diametro, pedunculo 2 cm longo pubescente; receptaculum staminiferum 1--1.5 cm longum, carpellis maturis 30--35, 1--1.2 cm longis, apice subtruncatis, ad suturam dorsalem dehiscentibus, rostris inconspicuis. Semina 8--12.

Kwangsi: Mt Shi-wan-da-shan, *R.C.Ching* 8394.

This new species is characterized by pubescent branchlets, coriaceous leaves with obsolete nerves and puberulent beneath, and globose fruits with mature carpels subtruncate at apex.

*Manglietia pachyphylla* Chang, sp. nov.

Arbor 10 m alta, trunco 20 cm in diametro. Gemmae cylindraceo-oblongae 7 cm longae, perulis ferrugineo-pilosis. Ramuli hornotini valde crassi, 1 cm diam. glaucescentes glabri, annotini atro-brunnei. Folia crassissime coriacea valde rigida, elliptico-obovata vel oblongo-obovata, 20--27 cm longa, 6--10 cm lata, apice abrupte acuta, acumine 1--1.5 cm longo, basi cuneata, supra atro-viridia nitida, subtus pallidiora glabra, costa leviter impressa, subtus elevata, nervis lateralibus utrinsecus 9--11, utrinque vix prominulis. Venulis obsoletis, petiolis 4--5 cm longis, crassis, basi dilatatis. Flores ignoti. Fructus ellipsoideus, 7 cm longus, 4--5 cm latus, pedunculo 3 cm longo 1--1.2 cm diam. glabro; receptaculum staminiferum 1.2 cm longum; carpellis maturis 38--46, 2--2.5 cm longis, apice breviter rostratis, ad suturam dorsalem dehiscentibus. Semina 3--4, compresse orbiculata, 5--6 mm diam.

Kwangtung: Zong-hwa, Mt San-jiao-shan, *B.S.Wang* et *H.H.Chin* 241.

This new species can be, easily, distinguished from the congeners by having robust branchlets, very large and thickly coriaceous leaves. In foliage it is similar to *M. grandis* Hu et Cheng, but differs by the much thicker leaves and smaller fruits.

*Paramanglietia microcarpa* Chang, sp. nov.

Arbor 12 m alta, trunco 60 cm in diametro. Gemmae glabrae. Ramuli glabri, cicatricibus stipularum annulatis notati. Folia coriacea, oblongo-obovata vel oblanceolata, 12--15 cm longa, 3.5--4.5 cm lata, apice acuta, basi cuneata, supra viridia opaca, subtus sparse punctata, costa utrinque elevata, nervi laterales utrinsecus 12--14, supra inconspicui, subtus prominuli, venulis obsoletis, petioli 2.5--3 cm longi, glabri; stipulae ad basin petiolorum adnatae caducae. Flores ignoti. Fructus terminalis ovoideus, 3.5 cm longus, 3 cm latus, receptaculum staminiferum 1--1.3 cm longum; carpellis maturis 30--36, lignosis, 1--1.2 cm longis, apice subtruncatis, ad suturam ventralium dehiscentibus, valvis 2--3 mm crassis. Semina 1--4, compresse ovoidea, 4--5 mm longa nigra.

Kiangsi: Qian-nan, S.K. Liu 4246.

This new species is characterized by coriaceous leaves with sparsely punctate beneath, and smaller fruits and carpels.

*Magnolia tenuicarpella* Chang, sp. nov.

Frutex vel arbor parva, circ. 3 m alta. Ramuli glabri vel ad apicem sparse puberuli virides, cicatricibus stipularum annulatis notati, Folia subcoriacea elliptica vel elliptico-oblonga, 10--18 cm longa, 4--6.5 cm lata, apice acuminata, basi late cuneata, supra viridia nitidula vel opaca, subtus pallidiora glabra, nervi laterales utrinsecus 9--13, ut nervuli utrinque elevati, petioli 8--13 mm longi, basi dilatati; stipulae petiolo adnatae caducae. Flores solitarii terminales albi odorati, spatha late ovata, 1.6 cm longa, 2 cm lata, ferrugineo-pilosa, pedunculo 1 cm longo piloso; tepala ovata, 1.5 cm longa, 1--1.2 cm lata, stamina numerosa, 7 mm longa, filamenta brevissima, anthera introrsa; carpella 15--18, primo pilosa, apice breviter rostrata, ovula 1--2. Fructus oblongus, 4--5 cm longus, 1.7 cm latus, carpellis maturis ad suturam dorsalem dehiscentibus, valvis tenuibus.

Hainan: Lingshui, in forest, shrub, 3 m high, flowers white, fragrant, P.A. McClure 20099 (Type); same locality, H. Fung 20057.

It seems to be near *M. paenetalanma* Dandy, but can be distinguished by having broader leaves, smaller fruits and carpels with much thinner valves and smooth surfaces.

*Michelia glaberrima* Chang, sp. nov.

Frutex 2 m altus. Gemmae oblongae glabrae. Ramuli hornotini glabri in sicco atro-brunnei, annotini brunnei lenticellati. Folia in terminale ramulorum congesta, coriacea, oblonga, 7--10 cm longa, 3--4 cm lata, apice subacuta vel obtuse acuta, basi cuneata, leviter inaequilateralis, supra viridia nitidula, subtus olivaceo-viridia glabra, costa impressa, nervi laterales utrinsecus 8--10, supra prominentes, subtus paulo elevata, venulis reticulatis utrinque prominulis, petiolis 8--15 mm longis. Flores non visi. Fructus axillaris, 3--4 cm longus, pedunculo 3--5 mm longo, gynophorio circ. 1 cm longo puberulo, carpellis maturis 12--14, compresse ellipsoideis, 1.6 cm longis, 1 cm latis. Semina 3, subovoidea 6 mm longa.

Kwangtung: Hwei-ji, W.T. Tsang 22753.

Closely related to *M. skinneriana* Dunn and *M. figo* (Lour.) Spr., but it is easily recognized by the absolutely glabrous branchlets and leaves, and longer petioles.