

中国山茶科植物新种*

张宏达

(生物学系)

摘 要

本文报道了中国山茶科植物18个新种和1个新亚种。这些新种分别是南川茶,缙云山茶,大树茶,假秃房茶,疏齿茶,长管红山茶,湖南红山茶,离蕊红山茶,大花红山茶,长蕊红山茶,细齿红山茶,莽山红山茶,截叶连蕊茶,七瓣连蕊茶,九嶷山连蕊茶,广东木荷,多脉木荷,独龙木荷。

关键词 新种,山茶科,山茶属,木荷属,中国

1 南川茶 新种

Camellia nanchuanica Chang et J.H.Xiong¹⁾ sp.nov.

Subgen. *Thea*, Sect. *Thea*, Ser. *Quinquelocularis*

A *C.tachangensis*: Zhang differt foliis latioribus, capsulis oblatis, pericarpio tenuiori.

Arbor parva 5~8 m alta, ramulis glabris, gemmis pubescentibus. Folia coriacea elliptica 5~13 cm longa 4~6.5 cm lata, apice breviter acuta basi late cuneata vel subrotundata, supra in sicco atro~viridia, subtus glabra, nervis lateralibus utrinsecus 7~8 utrinque visibilibus, venulis⁷ obscuris, margine densius crenulata, petiolis 8~10 mm longis glabris. Flores albi axillares vel terminales 6 cm in diametro, pedicellis 7~9 mm longis glabris, bracteis 2 caducis, sepaelis 5 subrotundatis 6~7 mm longis glabris, petalis 7~8 obovatis 2.5~3⁷ cm longis glabris, staminibus 2.3 cm longis liberis glabris, ovariiis 4~5-locularibus glabris, stylis 1.5~1.8 cm longis gracilibus apice 4~5-fidis. Capsula oblata 4~5 cm diam., 2.5~3 cm alta sulcata, 4~5-valvato-dehiscens, valvis 1~2 mm crassis lignosis.

Xichuan Nanchuan, alt. 1 300 m, J.H.Xiong S-34116, typus, SYS, S-34120.

2 缙云山茶 新种

Camellia jinyunshanica Chang et J. H. Xiong, sp. nov.

Subgen. *Thea*, Sect. *Thea*, Ser. *Gymnogynae*

A *C.gymnogyna* Chang foliis angustioribus et minoribus, floribus majoribus, pericarpio tenuiori differt.

本文1989年2月28日收到

*国家自然科学基金资助项目

1) J. H.Xiong, 西南农业大学熊济华

Arbor parva 3 m alta, ramulis glabris. Folia tenuiter coriacea oblonga 8~13 cm longa 3~4.5 cm lata, apice acuminata vel caudato-acuminata, basi cuneata, supra in sicco opaca subtus glabra, nervis lateralibus utrinsecus 6~7 supra inconspicuis subtus haud visibilibus, venulis reticulatis inconspicuis, margine irregulariter serrata dentis 3~5 mm remotis, petiolis 5~6 mm longis glabris. Flores albi terminales 5~6 cm in diametro, pedicellis 6~7 mm longis, bracteis 2 caducis, sepalis 5~6 orbicularibus coriacea 5~6 mm longis glabris, petalis 7 late obovatis 2.5~3 cm longis apice rotundatis, staminibus 1.6~2 cm longis liberis, ovariis 3~4-locularibus glabris, stylis 2 cm longis, stigmatis 3~4-fidis. Capsula oblata 4.5~5.5 cm in diametro 3~4 valvato dehiscens, valvis 1 mm crassis, seminibus 1~2 in quoque loculo, columnella 2 cm longa.

Xichuan Chongqing, Jinyunshan, Jinyun Temple, J.H.Xiong 3497, *typus* SYA

3 大树茶 新种

Camellia arborescens Chang et F.L.Yu²⁾ sp. nov.

Subgen. *Thea*, Sect. *Thea*, Ser. *Sinenses*

A *C. sinensi* (L.) O.Ktze. floribus majoribus, sepalis 5~6 mm longis, petalis pluribus differt; a *C. purpurea* Chang et Chen sepalis glabris, fructibus minoribus, pericarpio tenuiori recedit.

Arbor parva 2~5 m alta, trunco 15~38 cm diam, ramulis puberulis. Folia coriacea elliptica vel oblonga 10~15 cm longa 4~7 cm lata, apice acuminata vel caudata, basi cuneata, supra atro-viridia opaca, subtus brunneo-viridia glabra, nervis lateralibus utrinsecus 8~10 utrinque conspicuis, petiolis 7~11 mm longis. Flores albi axillares vel terminales, 4~6 cm diam., pedicellis 9~13 mm longis, bracteis 2 caducis, sepalis 5 obovatis 6 mm longis extus glabris, petalis 7~11 obovatis 2.4~3.1 cm longis extus glabris subliferis, staminibus 1.2~1.7 cm longis liberis, ovariis 3-locularibus pilosis, stylis 1.5 cm longis apice 3-fidis. Capsula tricocca 3~4 cm diam. 3-valvato-dehiscens, pericarpio 1 mm crasso, seminibus subglobosis 1.3~1.4 cm diam., sepalis persistentibus 9~14 mm longis.

Yunnan Weixin, alt. 1 000 m, silvicola, F. L. Yu et P.S.Wang A35003, 35004, *typus*, SYS, A35006, A35008; Da-guan, alt. 1 190 m, B.H.Chen et H.S. wang A36003, A36004; Yanjin, alt. 1 040 m, Chen et wang A38004, A38005, A38007.

4 假秃房茶 新种

Camellia gymnogynoides Chang et B.F.Chen³⁾, sp. nov.

Subgen. *Thea*, Sect. *Thea*, Ser. *Gymnogynae*

Species *C. gymnogyna* affinis, a qua differt petalis pluribus, pedicellis gracilibus, pericarpio tenuiori, nervis lateralibus pluribus; a *C. arborescens* Chang et Yu ovario glabro differt.

Arbor 4~14 m alta, trunco 14~90 cm diam., ramulis glabris, gemmis densius pilosis. Folia coriacea oblonga vel elliptica, 10~20 cm longa 5~8 cm lata, apice

2) F.L. Yu, 杭州茶叶研究所虞富莲

3) B.F. Chen为杭州茶叶研究所陈炳环

caudata vel acuminata, basi cuneata, subtus glabra, nervis lateralibus utrinsecus 8-12, margine crenulata, petiolis 6-12 mm longis. Flores axillares vel terminales 4~6.6 cm diam., pedicellis 6~15 mm longis glabris, bracteis 2 caducis, sepalis 5(4)~6, ovatis 6~7 mm longis puberulis, petalis albis 7~9 obovatis 2~3.5 cm longis subliberis, staminibus 1.5 cm longis glabris subliberis, ovariis 3-locularibus glabris, stylis 1.2~2 cm longis apice 3-fidis. Capsula trilocca 3~3.5 cm in diametro, pericarpio 1 mm crasso, pedicellis fructiferis 1~2 cm longis.

Yunnan Yan-jin, alt. 980 m, *B. H. Chen et H. S. Wang* 38006 *typus*, *SYS*, *A* 38003, *A38008*; Da-guan, alt. 1160 m, *B. H. Chen et H. S. Wang* *A36005*, *A36006*; Sui-jiang, alt. 1 200 m, *Chen et Wang* *A37003*; Jianxiong, alt. 1 025 m, *F. L. Yu et P. S. Wang* *A34002*; Weixing, alt. 1 000 m, *Yu et P. S. Wang* *35002*, *A35007*.

5 疏齿茶 新种

Camellia remotiserrata Chang, *H. S. Wang et P. S. Wang*⁴⁾, *sp. nov.*

Subgen. *Thea*, Sect. *Thea*, Ser. *Quinqueloculares*

A. C. tachangensi Zhang differt gemmis densius pubescentibus, remotiserratis: dentis 5~7 mm distantibus, nervis lateralibus pluribus, ovariis 5-locularibus, stylis apice 5-fidis.

Arbor parva 3.5 m alta, ramulis glabris, gemmis pubescentibus. Folia coriacea oblonga 12.8~16.3 cm longa 5.2~6.8 cm lata, apice caudata basi cuneata, supra atro-viridia opaca, subtus glabra, nervis latera libus utrinsecus 11~12, margine remote crenulata, dentis 5~7 mm remotis, petiolis 5~11 mm longis glabris. Flores axillares vel terminales 4.5~6 cm diam., pedicellis 2~15 mm longis glabris, bracteis 2 caducis, sepalis 5 late ovatis 5~9 mm longis extus glabris, petalis 8~11 obovatis 2.6~3.3 cm longis glabris, ovariis 4~5 vel rarius 3 locularibus glabris, stylis 1.5~2 cm longis glabris apice 4(3)~5-fidis. Capsula non visa.

Yunnan Wei-xing, alt. 1 150 m, *F. L. Yu et P. S. Wang* *A35005 typus*, *SYS*.

6 长管红山茶 新种

Camellia longituba Chang, *sp. nov.*

Subgen. *Camellia*, Sect. *Camellia*, Subsect. *Reticulata*, Ser. *Reticulatae*

A. C. setiperulata Chang et *C. grandiflora* Chang petalis pluribus, tubo filamentorum longioribus, basi pilosis differt.

Arbor parva 2~5 m alta, ramulis glabris, ramis rubro-cinereis, gemmis glabris. Folia coriacea obovato-oblonga 8~15 cm longa 4.5~6.5 cm lata, apice acuminata vel acuta, basi cuneata, supra in sicco viridia nitida, subtus luteo-viridia glabra punctata, nervis lateralibus utrinsecus 5~6 supra inconspicuis subtus prominentibus, margine remote serrata, inter si 3~7 mm distantia, petiolis circ. 1 cm longis. Flores rubri 1~2 terminales 10 cm in diametro sessiles; perulis 9~10 obovatis maximis 2.5 cm longis, extus griseo-pilosis, intus glabris; petalis 9 ob-

4) *H. S. Wang et P. S. Wang* 为云南农科院茶科所的王海思及王平盛

ovatis 4~5 cm longis, basi connatis circ. 1 cm longis; staminibus 3cm longis, tubo filamentorum 1.5cm longo, piloso, filamentis liberis 1.5cm longis glabris, antheris 2.5~3 mm longis; ovariis griseo-pilosis, 3-locularibus; stylis 3 cm longis apice 3-lobatis, lobis 4~5mm longis. Capsula compressa globosa, in sicco 5~6 cm in diametro, 3-valvato-dehiscens valvis 1 cm crassis subsuberosis, columna 3 cm longa; staminibus 2~5 in quoque loculo.

Hubei Enshi, Yang Ban-li, 004 (Typus SYS), 005.

7 湖南红山茶 新种

Camellia hunanica Chang et L.L.Qi⁵⁾, sp. nov.

Subgen. *Camellia*, Sect. *Camellia*, Subsect. *Reticulata*, Ser. *Reticulatae*

A *C. microdonta* Chang differt foliis crassioribus ovatis, basi subrotundatis, floribus albis, capsulis minoribus 2~3 cm in diametro, pericarpio lignoso 3~4mm crasso.

Frutex, ramulis glabris. Folia coriacea ovata vel ovato-oblonga 6~8 cm longa, 2.5~3.5 cm lata; apice abrupte acuta, basi subrotundata vel late cuneata; supra atro-viridia nitida, subtus luteo-viridia glabra; nervis lateralibus utrinsecus 6~7 supra inconspicuis subtus visibilibus, venulis reticulatis utrinque inconspicuis; margine minute serrulata; petiolis 6~8 mm longis. Flores ignoti. Capsula subterminalis sessiles oblata 2.5~3 cm in diametro, 3-valvato-dehiscens villosa, valvis lignosis in sicco 3~4 mm crassis, seminibus 1 in quoque loculo.

Hunan Dongan, Damiaokou, Lu Fangde et Qi Lungling 8408, typus, SYS.

8 离蕊红山茶 新种

Camellia liberistamina Chang et J.S. Kiu,⁶⁾ sp. nov.

Subgen. *Camellia* Sect. *Camellia* Subsect. *Lucidissima*

Frutex, ramulis glabris. Folia coriacea elliptica 7~10cm longa, 3.5~5cm lata, apice abrupte acuta, basi subrotundata, supra nitida, subtus glabra, nervis lateralibus utrinsecus 5~6 supra inconspicuis subtus prominentibus, margine serrulata, petiolis 1~1.2cm longis. Flores atro-rubri subsessiles 8~10cm diam., perulis 11~12 maximis 2 cm longis obovatis extus griseo-pilosis, petalis circ. 7, obovatis 4~5cm longis; staminibus 2.5~3cm longis, subliberis, antheris flavis; ovariis 3-locularibus glabris, stylis 1.5 cm longis, apice 3-lobatis. Capsula glabrosa, 5~8cm in diametro, 3-valvato-dehiscens, valvis ligniferis glabris circ. 1 cm crassis.

Jiangxi Nanchang, H.T.Chang 89001, typus.

A *C. japonica* L. et speciebus Subsect. *Lucidissimae* staminibus liberis differt

9 大花红山茶 新种

Camellia magniflora Chang, sp. nov.

Arbor parva 2~8m alta, cortice laevi griseo-fulvido, ramulis glabris, gemmis griseo-pubescentibus. Folia crasse coriacea elliptica 9~14 cm longa, 3.8~6.4 cm

5) L.L.Qi为湖南林学院漆龙霖

6) J.S.Kiu为江西省林科所丘金兴

lata, apice abrupte acuta, basi late cuneata vel rotundata, supra in sicco atro-viridia nitida, subtus viridia nitidula glabra atro-punctata, nervis lateralibus 6~7 jugis supra impressis subtus prominentibus, margine dense serrata, petiolis 1~1.3 cm longis robustis glabris. Flores subterminales singulares rubri 8~10 cm in diam. subsessiles, perulis 8~9 late obovatis liberis maximis 2.3cm longis, utrinque griseo-villosis; petalis 6~7 obcordatis 4~5cm longis, basi connatis, exterioribus 3 villosis; staminibus 2.7~3 cm longis, basi ad petalum adnatis, tubo filamentorum 5 mm longo glabro, filamentis 1~1.5 cm longis glabris, antheris 2 mm longis; ovariiis 3-locularibus villosis; stylis filamenta subaequantibus, apice 3-fidis, lobis 8~9 mm longis glabris. Capsula compressa globosa in sicco 8 cm in diam., 3-valvato-dehiscens, valvis 1.5 cm crassis subsuberosis, columna 5 cm longa; staminibus 2~5 in quoque loculo glabris.

Subgen. *Camellia*, Sect. *Camellia*, Subsect. *Reticulata*, Ser. *Reticulatae*

A *C.setiperulata* Chang foliis ellipticis crassioribus, tubo filamentorum breviori, filamentis gracilibus, capsula majoribus, valvis crassioribus suberosis differt.

Hunan Shipu, Xie M.C. 0021 (Typus, SYS), 0003, 0009; Shipu, Zhang Z.G. 0045; Chenhi, Qi L.L. 8406.

10 长蕊红山茶 新种

Camellia longigyna Chang, sp. nov.

Subgen. *Camellia*, Sect. *Camellia*, Subsect. *Reticulata*, Ser. *Villosae*

A *C.polyodonta* How foliis angustioribus, nervis lateralibus inconspicuis, perulis paucioribus, petalis minoribus, stylis longioribus differt; a *C.cryptoneura* Chang filamentis pilosis, stylis longioribus recedit.

Frutex 2~3 m altus, ramulis gracilibus glabris. Folia coriacea oblanceolata 7~11 cm longa 3~4cm lata, apice breviter acuta basi cuneata, supra atro-viridia nitidula, subtus brunneo-viridia glabra, nervis lateralibus urtinsecus 5~6, ut venulis reticulatis obsoletis, margine serrulata, petiolis 8~10mm longis. Flores rubri subterminales sessiles 5~6cm in diametro; perulis 8~9 maximis 1.5cm longis extus sericeis; petalis 6~7 obovatis 3~4cm longis, sericeis, basi paulo connatis; staminibus 2.5~3cm longis, tubo filamentorum 3~5mm longo, filamentis liberis pilosis; ovariiis 3-locularibus pilosis, stylis 3.5~4cm longis, apice 3-lobatis, lobis circ. 1 cm longis. Capsula globosa, in sicco 4~5 cm in diametro, 3-valvato-dehiscens, valvis 7~11 mm crassis; seminibus 2~4 in quoque loculo.

Guizhou Lueshan County, Datang Xiang, Zin-lian [Cun, Zhou Hong et Zeng Fangan 8305 (Typus, SYS)

11 细齿红山茶 新种

Camellia microdonta Chang et C.S. Ye⁷⁾, sp. nov.

Subgen. *Camellia*, Sect. *Camellia*, Subsect. *Reticulata*, Ser. *Reticulatae*

A speciebus fructibus suberosis differt foliis minoribus lanceolatis, densius

7) Ye, C.S. 为中山大学叶创兴

minute serrulatis, petalis paucioribus, tubo filamentorum brevior

Frutex, ramulis glabris. Folia tenuiter coriacea oblongo-lanceolata 8~10cm, longa 2.5~3.3cm lata, apice acuta vel acuminata, basi cuneata, supra atro-viridia opaca, subtus luteo-viridia glabra, nervis lateralibus utrinsecus 6~7, supra visibilibus subtus prominentibus, margine densius serrulatis inter si 1 mm remotis, petiolis circ. 1 cm longis. Flores singulares in axillaribus vel subterminalibus suffulti, rubri sessiles; perulis maximis 8~1.5 cm longis coriaceis, exterioribus subglabris, interioribus puberulis; petalis 5 obovatis 2.5~3 cm longis glabris; staminibus 1.5 cm longis, tubo filamentorum brevi glabro, filamentis liberis 1 cm longis glabris; ovariis 3-locularibus villosis, stylis 1.2 cm longis apice 3-lobatis, glabris; Capsula globosa 6~7cm in diametro, suberosa 3-valvato-dehiscens, valvis 1.5~2cm crassis.

Guangxi Leye County, Gantian, Losha, Wenjia Lao shan 1982, November, Zeng P. et Xie C.J. 17014 (Typus, SYS).

12 莽山红山茶 新种

Camellia mongshanica Chang et Ye, sp. nov.

Subgen. *Camellia*, Sect. *Camellia*, Subsect. *Lucidissima*

A *C. magnocarpa* Chang floribus minoribus, perulis paucioribus, ovariis 3-locularibus, capsula pyriformibvel fusiformi differt, a *C. chekiangoleosa* Hu perulis paucioribus coriaceis, petalis pluribus, capsula fusiformi differt.

Arbor parva, ramulis glabris. Folia coriacea elliptica 8~11cm longa 4~6 cm lata, apice abrupte acuta, basi late cuneata, supra in sicco viridia, subtus coloria glabra, nervis lateralibus utrinsecus 6~7 utrinque conspicuis, margine superiore 1/2 serrata, petiolis circ. 1 cm longis. Flores singulares subterminales sessiles rubri; perulis 10 coriaceis maximis 13 mm longis extus griseo-pubescentibus; petalis 9 obovatis 2.2~4cm longis, exterioribus 2~3 extus griseo-pubescentibus; staminibus 2.2 cm longis, tubo filamentorum 1.3 cm longo glabro, filamentis liberis circ. 1 cm longis glabris; ovariis 3-locularibus glabris, stylis 2~2.5cm longis, apice 3-lobatis. Capsula pyriformis vel fusiformis in sicco 5~6cm lata 6~7cm alta, glabra, 3-valvato-dehiscens, valvis lignosis circ. 1 cm crassis, seminibus 1~3 in quoque loculo.

Guangdong Yuyuan County, Tianjin shan, *Ye Chuang Hin* 2902 (Typus, SYS), Mongshan, Zeng Pe 14134.

H.T.Chang 6030, 6046 formerly errorly identified as *C. magnocarpa* (*A. Taxonomy of the Genus Camellia*, 1981, p.82), belongs to this new species.

13 截叶连蕊茶 新种

Camellia truncata Chang et Ye, sp. nov.

Subgen. *Metacamellia*, Sect. *Theopsis*, Ser. *Cuspidatae*

A *C. buxifolia* Chang ramulis densius hirtis, foliis ovato-lanceolatis, apice caudato-acuminatis, basi rotundatis vel truncatis differt.

Frutex, ramulis brunneo-hirtis, gemmis subglabris. Folia tenuiter coriacea ovato-lanceolata, 3.5~5cm longa 1.2~1.8cm lata, apice caudato-acuminata, caudo 1~

1.4cm longo, basi rotundata vel truncata, supra in sicco brunneo-viridia opaca, subtus viridia glabra, costa media supra hirtula, subtus glabra, nervis lateralibus ut venulis utrinque inconspicuis, margine minute serrulata, petiolis 2~3mm longis hirtis. Flores albi brevius pedicellati, pedicellis 2mm longis hirtis, bracteis 4~5 ovatis circ. 1 mm longis glabris sepalis 5 ovatis 2~3mm longis glabris, petalis 5 obovatis circ. 1 cm longis basi connatis, staminibus 7~8mm longis liberis glabris, ovario 3-loculari glabro, stylo 7~8mm longo apice 3-fido. Capsula subglobosa 1 cm in diametro 1-loculari 3-valvato-dehiscens, valvis 1 mm crassis, semina singularia globosa glabra.

Yunnan Xichiu, Fadao, *B.L.Chen* 87F-211, Typus, SYS.

14 七瓣连蕊茶 新种

Camellia septempetala Chang et L.L. Qi, sp. nov.

Subgen. *Metacamellia*, Sect. *Theopsis*, Ser. *Gymnandrae*

Frutex 3 m altus, ramulis puberulis demum glabrescentibus, gemmis glabris. Folia coriacea ovato-lanceolata 5~7.5cm longa 1.8~2.8cm lata, apice caudata, caudo 1.7 cm longo, basi subrotundata vel obtusa; supra in sicco atro-viridia nitidula, subtus olivaceo-viridia glabra; nervis lateralibus utrinsecus 5~6 ut venulis supra visibilibus subtus inconspicuis; margine serrulata; petiolis 4~5 mm longis supra peberulis. Flores albi 1~2 terminales, pedicellis circ. 3 mm longis; bracteis 3~4, ovatis 1.5~2mm longis glabris, sepalis 5 ovatis 5~8mm longis glabris; petalis 7, obovatis 1.5 cm longis basi leviter connatis; staminibus 1.2 cm longis basi connatis, tubo filamentorum 5 mm longo glabro; ovariis glabro, stylis 1.2 cm longis apice 3-fidis. Capsula ignota.

A *C.acutissima* Chang foliis longioribus, sepalis longioribus subliberis non cyathiformibus differt.

Hunan Dongan, Damiakou, alt. 800 m, silvicola, Qi *Lungling* 8506, Typus, SYS.

14a 红花七瓣连蕊茶 新变种

var. *rubra* Chang et Qi. var. nov.

A typo floribus rubris differt.

Hunan: Dongan, Tamiakou, Qi *Lungling* 8507, Typus, SYS.

15 九巛山连蕊茶 新种

Camellia jiyishanica Chang et Qi, sp. nov. .

Subgen. *Metacamellia* Chang, Sect. *Theopsis* Coh.-Sf., Ser. *Gymnandrae* Chang

Frutex vel arbor parva, 2~4m altus, ramulis pubescentibus.

Folia tenuiter coriacea, ovato-lanceolata vel obovato-lanceolata, 5.5~8cm longa, 1.8~2.7cm lata; apice caudato-acuminata, caudis circ. 1.5 cm longis; basi late cuneata vel subrotundata; supra in sicco opaco-viridia; subtus viridia glabra; nervis lateralibus utrinsecus 5~6, ut venulis reticulatis utrinque inconspicuis; margine serrulata; petiolis 3~4mm longis. pubescentibus. Flores 1~2 axillares, pedicellis

2mm longis; bracteolis 2~3, ovatis, 2~3mm longis, apice subacutis, pubescentibus; sepalis 5, ovatis, 6.5~7.5cm longis, subacutis, pubescentibus; petalis 5, basi connatis, obovatis, 1.3cm longis, puberulis; staminibus 1cm longis, basi breviter connatis, glabris; ovariis 3-locularibus, glabris; stylis 1 cm longis, glabris, apice 3-fidis. Capsula cylindrica, 2cm longa, 1.2 cm in diametro, glabra, 1-locularis; semina solitaria, globosa, leviter compressa.

A *C. longicarpa* Chang differt foliis membranaceis, pedicellis brevioribus, sepalis majoribus.

Hunan Yunzhou, alt 800M. *Qi Lung-ling* 8504, *typus*. SYS;

Jiuyishan, *Qi, L.L. et Tian Ai Ying* 83011; Dao-xian, *Qi, L.L. et Tian, A.Y.* 83012, 83013.

16 广东木荷 新种

Schima Kwangtungensis Chang, sp. nov.

A *S. superba* Gardn. et Champ. differt ramulis pubescentibus, foliis ellipticis crasse coriaceis, nervis lateralibus pluribus, margine undulati-crenatis, floribus majoribus, pedicellis longioribus.

Arbor, ramulis pubescentibus, gemmis griseo-villosis. Folia crasse coriacea elliptica 8~12 cm longa 4~5.5cm lata, apice abrupte acuta vel rarius subobtusata, basi late cuneata decurrentia, supra viridia nitida, subtus olivaceo-viridia glabra, nervis lateralibus 9~10-jugis supra leviter impressis subtus prominentibus, venulis supra impressis subtus visibilibus, margine undulato-crenata, petiolis 1.5~2.5 cm longis glabris. Flores albi 3~4 terminales, pedicellis 3.5~4 cm longis, bractealis 2 caducis, sepalis 5 subrotundatis 6 mm longis extus glabris intus albo-sericeis ciliatis, petalis 5 late obovatis 2.5~2.8cm longis liberis, staminibus 9~12 mm longis liberis, ovariis 5-locularibus villosis, stylis 8~9 mm longis.

Guangdong Enping, *Geobotany Division of South China Institute of Botany* 3221, *typus*, SYS.

17 多脉木荷 新种

Schima polyneura Chang, sp. nov.

A *S. villosa* Hu differt foliis crassioribus subtus rubello-brunneis, sparse puberulis, bracteis majoribus, sepalis et capsula minore.

Arbor, ramulis pubescentibus, Folia coriacea oblonga vel oblanceolata 12~15cm longa 3.5~5 cm lata, apice acuminata vel acuta, basi anguste cuneata decurrentia, supra in sicco viridia nitida, subtus rubello-brunnea primo pubescentia mox glabrescentia tantum ad basin puberula, nervis lateralibus 13-18-jugis supra conspicuis subtus visibilibus, integra, petiolis 1~2.5 cm longis puberulis. Flores terminales, pedicellis 1~1.5cm longis puberulis, bracteis 2 ad basin pedicellorum insertis longe obovatis 1 cm longis puberulis, bractealis 2 ad apicem pedicellorum dispositis obovato-oblongis circ. 1 cm longis puberulis, sepalis 5 subrotundatis 4.5mm longis pubescentibus, petalis ignotis, ovario villoso. Capsula subglobosa 1.5 cm in diametro.

Guangxi Dayaoshan July 24, 1936, *C. wang* 39643, typus IBSC; ibidem, *S. S. Sin* 3704.

18 独龙木荷 新种

Schima dulungensis Chang et Ye, sp. nov.

A *S. superba* Gardn. et Champ. foliis in sicco olivaceo-viridia, nervis lateralibus pluribus, marginem minute serratis differt.

Arbor, ramulis glabris. Folia tenuiter coriacea elliptica 8~12 cm longa 3.5~5 cm oliva, apice abrupte acuta, basi subrotundata, supra in sicco viridia nitidula subtus olivaceo-viridia glabra, nervis lateralibus 10~12-jugis ut venulis reticulatis utrinque prominentibus, margine crenulatis, petiolis circ. 1 cm longis. Flores albi axillares subterminales 3 cm in diametro, pedicellis 2~2.5 cm longis, bractealis 2 ad apicem pedicellorum dispositis caducis, sepalis 5 semi-rotundatis 3.5 mm longis 5 mm. latis extus glabris intus sericeis ciliatis, petalis 5 obovatis 1.7 cm longis, basi albi-sericeis liberis, staminibus 6~8 mm longis liberis, ovariis 5-ocularibus villosis, stylis 6~8 mm longis.

Yunnan Gangshan, Dulung River side, *B. H. Chen* 001, Typus. SYS.

New Species of Chinese Theaceae

*Chang Hungta**

Abstract

18 new species and 1 new subspecies of Chinese Theaceae were reported in this paper. These new species are *Camellia nanchuanica*, *C. jinyunshanica*, *C. arborescens*, *C. gymnogynoides*, *C. remotiserrata*, *C. longituba*, *C. hunanica*, *C. liberistamina*, *C. magniflora*, *C. longigyna*, *C. microdonta*, *C. mongshanica*, *C. truncata*, *C. septempetala*, *C. jiuyishanica*; *Schima kwangtungensis*, *S. polyneura*, *S. dulungensis*

Keywords new species, Theaceae, *Camellia*, *Schima*, China

* Department of Biology