

面密被黄褐色短绒毛;花瓣5片,矩状倒卵形,长8—10毫米;花丝长5—6毫米,花药黄色,长方箭头状,长1.5毫米;子房柱状圆球形,长2.5毫米,密被黄褐色短绒毛,花柱长4—5毫米。果绿色,卵珠形或球形,长约1.5厘米,渐老渐变秃净,有淡褐色圆形斑点,顶端有宿存花柱,并可能残留若干绒毛,基部有反折的宿存萼片;种子长约2毫米。

产四川和云南。分为2变型。

16a. 显脉猕猴桃(原变型)

Actinidia venosa Rehd. form. *venosa*

叶背绿色,洁净无毛,侧脉上段常分叉并彼此紧密联结。花期6月下旬—7月中旬。

产四川、云南和西藏。生于海拔1200—2400米山地树林中。模式标本采自四川汶川。

16b. 柔毛猕猴桃

Actinidia venosa Rehd. form. *pubescens* Li in Journ. Arn. Arb. 33: 42—43. 1952.——*Actinidia venosa* Rehd. var. *pubescens* (Li) C. Y. Chang 于四川大学学报 自然科学版 1976 (3): 76. 1976, syn. nov.

叶背苍绿色,多少薄被一些尘埃状的白色柔毛,侧脉不常分叉,并不很紧密联结。

产四川和云南交界地区。生于海拔1900米山地的杂木林中。模式标本采自四川会理县。

17. 柱果猕猴桃

Actinidia cylindrica C. F. Liang in Addenda.

小中型半常绿藤本;着花小枝短的2—10厘米,长的可达30厘米以上,直径2—3.5毫米,洁净无毛,皮孔小且稀,极不显著,髓白色,片层状;芽体锥形,不被毛;隔年枝灰褐色,直径3—4毫米,皮孔比小枝的稍较显著。叶厚膜质,隔年老叶呈革质,椭圆形至矩圆形或倒卵形至倒卵披针形,长5—13厘米,宽2.5—5.5厘米,顶端骤短尖至钝圆形,基部钝形至圆形,边缘有脉出的硬尖头短小锯齿,隔年老叶每呈微波状,上面绿色,背面苍绿色,均洁净无毛,叶脉不发达,在叶面平现,在叶背稍隆起,干后呈瘪扁形,侧脉稀疏,7—8对,横脉极不显著,网脉仅仅可见;叶柄长13—23毫米,无毛。花序通常1—2花,花序柄和花柄均略被微绒毛;花未见。果绿色变黄绿色,圆柱形,长13—18毫米,直径3—4毫米,幼时可见残存细绒毛,老时完全秃净,有枯褐色的稍突起的斑点,宿存萼片无毛,不反折(果未成熟);种子小,长约1.5毫米。

广西特有。分为2变型。

17a. 柱果猕猴桃(原变型) 图版65: 1

Actinidia cylindrica C. F. Liang form. *cylindrica*

叶椭圆形至矩圆形,顶端骤短尖。

Hunan: Rucheng-xian (汝城县), Jul. 16, 1960, Hunan Exp. (湖南省野生植物资源普查队) 8569 (Typus! fr. juv. CC¹⁾).

14d. *Actinidia callosa* Lindl. var. *strigillosa* C. F. Liang, var. nov. Pl. 64, t. 14—16

A var. *callosa* et aliis varietatibus recedit ramulis glabris, foliis chartaceis vel submembranaceis supra sparse strigillosis, subtus in axillas plus minusve barbatis, inflorescentiis et calycibus glabris.

Guizhou: Kaili-xian (凯里县), alt. 750 m, Maj. 8, 1959, Qiannan Exp. (黔南队) 1398 (Typus! IB), 01011 (IB), 2016 (IB). Hunan: Yizhang (宜章), Liu Lin-han (刘林翰) 459 (CC).

14f. *Actinidia callosa* Lindl. var. *discolor* C. F. Liang, var. nov. Pl. 64, t. 6—7

A. var. *henryi* affinis differt foliis in sicco supra viridi-nigriscentibus subtus cinereo-strumineis saepe obovatis, margine undulato-serratis plerumque dentibus summis majoribus subtus in axillas nervorum glabris, baccis minoribus ovoideis vel subglobosis 1.5—2 cm longis.

Guangxi: He-xian (贺县), alt. 500 m, Oct. 11, 1959, Li Zhong-ti (李中提) 603855 (Typus! fr. IGG). Guangdong: Ruyuan (乳沅), Gao Xi-peng (高锡朋) 52563 (fl. ♂, IGG). Jiangxi: Xinxu-xian (寻邬县), Hu Qi-ming (胡启明) 1480 (fl. ♀, IB). Fujian: He Jing (何景) 2094 (IB). Zhejiang: Hort. Bot. Hangzhou. 29708 (fr. juv., IGG).

14g. *Actinidia callosa* Lindl. var. *ephippioidea* C. F. Liang, var. nov. Pl. 64, t. 8—9

Var. *discolori* affinis sed foliis parvioribus, basi rotundatis vel subcordatis, margine ephippioideo-serratis differt.

Yunnan: Fengqing-xian (凤庆县), alt. 2, 400 m, Jul. 9, 1938, Yu De-juan (俞德浚) 16621 (Typus! IB, Isotypus IK).

17. *Actinidia cylindrica* C. F. Liang, sp. nov. Pl. 65, t. 1

A. *glaucophyllae* F. Chun affinis sed gemmis etiam glaberrimis, foliis subtus non glaucescentibus secundi anni margine crenato-serratis, bacca longi-cylindrica maculis obscurissimis differt.

Frutex scandens parvi-medius subsempervirens. Rami glabri lenticellis.

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parvis et paucis; medulla alba lamellata. Gemmae conicae glabrae. Folia membranacea aliquantum crassa vetustiora coriacea elliptica usque oblonga vel obovata usque obovato-lanceolata, 5—13 cm longa et 2.5—5.5 cm lata, apice abrupte acuta usque rotundato-obtusa, basi obtusa usque rotundata, margine porrectis nervos quoque terminantibus calloso-serrata vetustiora crenato-serrata, supra virides, subtus pallidiores utrinque glabra; venae obscurae; nervi laterales utrinsecus 7—8; petioli 13—23 mm longi glabri. Cymae plerumque 1—2-florae pedunculis pedicellisque paucetomentulosi. Flores ignoti. Bacca matura flavo-viridis cylindrica 13—18 mm longa et 3—4 mm diametro, juvenior aliquantum tomentosa vetustior glabra brunneo-maculata sepalis persistentibus glabris rectis. Semina parva circ 1.5 mm longa.

Guangxi, Damiaoshan (大苗山), alt. 600 m, Jun. 6, 19—57, Chen De-zhao (陈德昭) 476 (Typus! fr. IGG, Isotypus IG); loc. dicto, Lu Qing-hua (吕清华) 2423 (IGG), 2674 (IGG), Chen Shao-qing (陈少卿) 14170 (IGG, IN), 15282 (IN), 15876 (IGG, IN).

17b. *Actinidia cylindrica* C. F. Liang form. *obtusifolia* C. F. Liang, form. nov. Pl. 65, t. 2

A form. *cylindrica* recedit foliis oblongo-oblancheolatis apice rotundatis, vel obtusis.

Guangxi, Damiaoshan (大苗山), alt. 450 m, Maj. 29, 1958, Chen Shao-qing 14098 (Typus! IGG, Isotypus IG, IN).

18. *Actinidia gracilis* C. F. Liang, sp. nov. Pl. 66

A. glaucophyllae F. Chun et *A. cylindricae* C. F. Liang affinis recedit a priore planta graciliore, foliis subtus non glaucescentibus basi non cordatis, bacca stramineo-brunnea; a posteriore gemmis tomentosis, foliis nunquam obovatis vel oblancheolatis, bacca stramineo-brunnea, sepalis persistentibus reflexis.

Frutex scandens parvus deciduus. Rami juveniores tenuiter et sparse tomentosicito glabrescentes, lenticellis obscurissimis; medulla albida sublamellata. Gemmae ferrugineae longe tomentosae. Folia chartacea tenuia, ovato-lanceolata, 5—8 cm longa et 1.7—2.5 cm lata, apice acuminata, basi rotundata usque rotundato-obtusa, margine porrectis nervos quoque terminantibus serrulata, supra viridia subtus pallidiora utrinque glabra; venae infirmae; nervi laterales utrinsecus 7—9; petioli 1—2 cm longi, juveniores sparse tomentulosi demum