

附录1 中国苏铁属植物名录(含异名)

Appendix 1 List of *Cycas* in China (including synonyms)

- 1、宽叶苏铁(巴兰萨苏铁/十万大山苏铁) *Cycas balansae* Warb., *Monsunia* 1: 179 (1900)  
*Cycas siamensis* subsp. *balansae* (Warb.) J. Schust. (1900)  
*Cycas tonkinensis*, in part, sensu De Laubenfels and Adema (1998)
- 2、叉叶苏铁(虾子苏铁/窄叶叉叶苏铁) *Cycas bifida* (Dyer) K. D. Hill, *The Botanical Review*, interpreting botanical progress 70(2): 161–163 (2004)  
*Cycas micholitzii* f. *distichus* Z. T. Guan (1996)  
*Cycas micholitzii* f. *stonensis* (S. L. Yang) Z. T. Guan (1996)  
*Cycas rumphii* var. *bifida* Dyer (1863)
- 3、陈氏苏铁 *Cycas chenii* X. Gong & W. Zhou, *Journal of Systematics and Evolution* 53(6): 497 (2015)
- 4、德保苏铁(秀叶苏铁/百色苏铁/泮水苏铁) *Cycas debaoensis* Y. C. Zhong & C. J. Chen, *Acta Phytotaxonomica Sinica* 35(6): 571 (1997)  
*Cycas baiseensis* Y. Y. Huang, Y. C. Zhong et Z. F. Lu, *nom. subst.* (2018)  
*Cycas gracilis* Y. Y. Huang, Y. C. Zhong & Z. F. Lu (2008)  
*Cycas panshuiensis* Y. Yang, *nom. nov.* (2016)
- 5、滇南苏铁(多胚苏铁/蔓耗苏铁/元江苏铁) *Cycas diannanensis* Z. T. Guan & G. D. Tao, *Sichuan Forestry Survey and Design* 1995(4): 1 (1995)  
*Cycas multiovula* D. Y. Wang (1996)  
*Cycas parvula* S. L. Yang=C. *parvulus* (1996)  
*Cycas pectinata* var. *manhaoensis* C. J. Chen & P. Yun (1995)
- 6、长叶苏铁 *Cycas dolichophylla* K. D. Hill, T. H. Nguyễn & P. K. Lôc, *The Botanical Review*, interpreting botanical progress 70(2): 157–160, fig. 7 (2004)
- 7、锈毛苏铁 *Cycas ferruginea* F. N. Wei, *Guihaia* 14(4): 300, fig. 1 (1994)
- 8、贵州苏铁(细叶贵州苏铁/隆林苏铁) *Cycas guizhouensis* K. M. Lan & R. F. Zou, *Acta Phytotaxonomica Sinica* 21(2): 209–210 (1983)  
*Cycas guizhouensis* f. *tenuifolia* C. Y. Deng & D. Y. Wang ex Z. T. Guan, L. Zhou & K. S. Hsu (1996)  
*Cycas longlinensis* Hung T. Chang & Y. C. Zhong (1997)
- 9、灰干苏铁(红河苏铁) *Cycas hongheensis* S. Y. Yang & S. L. Yang ex D. Y. Wang, *Cycads in China*: 62 (1996)  
*Cycas hongheensis* Wlaters & Yang (1994)  
*Cycas pectinata* f. *hongheensis* (S. Y. Yang & S. L. Yang) Z. T. Guan (1996)
- 10、多歧苏铁(龙爪苏铁) *Cycas multipinnata* C. J. Chen & S. Y. Yang, *Acta Phytotaxonomica Sinica* 32(3): 239 (1994)  
*Cycas multipinnata* f. *latilobus* Z. T. Guan (1996)  
*Cycas micholitzii* subsp. *multipinnata* (C. J. Chen & S. Y. Yang) A. Lindstr. (1999)

*Cycas micholitzii* var. *multipinnata* (C. J. Chen & S. Y. Yang) Y. M. Shui (2003)  
*Epicycas multipinnata* (C. J. Chen & S. Y. Yang) de Laub. (1998)

11、攀枝花苏铁(把关河苏铁) *Cycas panzhihuaensis* L. Zhou & S. Y. Yang, Acta Phytotaxonomica Sinica 19(3): 335 (1981)

*Cycas baguanheensis* L. K. Fu & S. Z. Cheng (1981)

12、篦齿苏铁(篦子苏铁) *Cycas pectinata* Buch. -Ham., Memoirs of the Wernerian Natural History Society 5(2): 322–323, figs. 3,5 (1826)

*Cycas circinalis* subsp. *vera* var. *pectinata* (Griff.) J. Schust. (1932)

*Cycas circinalis* var. *pectinata* (Buch. -Ham.) J. Schust. (1932)

*Cycas divyadarshanii* Khuraijam & Rita Singh (2020)

*Cycas jenkinsiana* Griff. (1782)

*Cycas pectinata* Griff. (1854)

13、苏铁 *Cycas revoluta* Thunb., Verhandelingen uitgegeeven door de Hollandse Maatschappye der Wetenschappen te Haarlem 20(2): 424, 426–427 (1782)

*Cycas miquelii* Warb. (1900)

*Cycas revoluta* Thunb. (1783)

*Cycas revoluta* Thunb. (1784)

*Cycas revoluta* subsp. *prolifera* Siebold & Zucc. (1846)

*Cycas revoluta* var. *brevifrons* Miq. (1847)

*Cycas revoluta* var. *planifolia* Miq. (1842)

*Cycas revoluta* var. *prolifera* Siebold & Zucc. (1846)

*Cycas revoluta* var. *robusta* Messeri (1927)

*Cycas revoluta* var. *revoluta* (1842)

*Epicycas miquelii* (Warb.) de Laub. (1998)

14、叉孢苏铁(尖尾苏铁/厚柄苏铁/长孢苏铁/多裂苏铁/西林苏铁) *Cycas segmentifida* D. Y. Wang & C. Y. Deng, Encephalartos 43: 11 (1995)

*Cycas acuminatissima* Hung T. Chang, Y. C. Zhong & Z. F. Lu (1998)

*Cycas crassipes* Hung T. Chang, Y. C. Zhong & Z. F. Lu (1999)

*Cycas longiconifera* Hung T. Chang, Y. C. Zhong & Y. Y. Huang (1998)

*Cycas multifida* H. T. Chang & Y. C. Zhong (1997)

*Cycas xilingensis* Hung T. Chang & Y. C. Zhong (1997)

15、六籽苏铁(石山苏铁) *Cycas sexseminifera* F. N. Wei, Guihaia 16(1): 1 (1996)

16、单羽苏铁 *Cycas simplicipinna* (Smitinand) K. D. Hill, Proceedings of the Third International Conference on Cycad Biology 150 (1995)

*Cycas micholitzii* var. *simplicipinna* Smitinand (1971)

17、四川苏铁(仙湖苏铁) *Cycas szechuanensis* W. C. Cheng & L. K. Fu, Acta Phytotaxonomica Sinica 13(4): 81, t. 1, figs. 7–8 (1975)

*Cycas fairylakea* D. Y. Wang (1996)

*Cycas szechuanensis* subsp. *fairylakea* (D. Y. Wang) N. Liu (2004)

*Cycas szechuanensis* subsp. *szechuanensis* (2004)

18、台东苏铁 *Cycas taitungensis* C. F. Shen, K. D. Hill, C. H. Tsou & C. J. Chen, Botanical Bulletin of Academia Sinica 35(2): 135 (1994)

*Cycas revoluta* var. *taiwaniana* (Carruth.) J. Schust. (1932)

*Cycas taiwaniana* non Carruth. (1928)

19、台湾苏铁(台湾苏铁/海南苏铁/葫芦苏铁/陵水苏铁/念珠苏铁/环纹苏铁) *Cycas taiwaniana* Carruth., Journal of Botany, British and Foreign 31: 1–3, pl. 331 (1893)

*Cycas changjiangensis* N. Liu (1998)

*Cycas hainanensis* C. J. Chen (1975)

*Cycas hainanensis* subsp. *changjiangensis* (N. Liu) N. Liu (2004)

*Cycas lingshuiensis* G. A. Fu (2004)

20、谭清苏铁 *Cycas tanqingii* D. Y. Wang, Cycads in China: 134, fig. 4 (1886)

备注: 1. 中国苏铁复合群(Species complex) (王中仁, 1998; 杨亲二, 2010)有宽叶苏铁复合群 *C. balansae* complex(龚洵等, 2004; Xiao & Gong, 2006)、叉叶苏铁复合群 *C. bifida* complex、滇南苏铁复合群 *C. diannanensis* complex (周魏, 2014; Liu et al, 2015)、篦齿苏铁复合群 *C. pectinata* complex (Yang & Meerow, 1996)、叉孢苏铁复合群 *C. segmentifida* complex (Feng et al, 2016; 马永, 2005)、单羽苏铁复合群 *C. simplicipinna* complex、六籽苏铁复合群 *C. sexseminifera* complex(钱丹, 2009)、台湾苏铁复合群 *C. taiwaniana* complex (刘念, 2004; 张立敏, 2012; Wang et al, 2019 ; Feng et al, 2021)和谭清苏铁复合群 *C. tanqingii* complex 等。(宽叶苏铁复合群、篦齿苏铁复合群和六籽苏铁复合群为尚待研究的复合群; 单羽苏铁复合群、谭清苏铁复合群为本文首次提出)。

2. 中国原生苏铁可分为4个组: (1)东方苏铁组 section *Asiorientales* 包含编号为13、18的物种; (2)暹罗苏铁组 section *Indosinenses* 包含编号为9、12的物种; (3)攀枝花苏铁组 *Panzhihuanses* 包含编号为11的物种; (4)蕨叶苏铁组 section *Stangerioides* 包含编号1–8、10、14–17、19–20的物种。

3. 有待进一步调查、考证、研究的9个名称(均属于蕨叶苏铁组): 短叶苏铁 *Cycas brevipinnata* Hung T. Chang, Y. Y. Huang & Y. C. Zhong (1998); 长柄叉叶苏铁 *Cycas longipetiolula* D. Y. Wang (1996); 长孢苏铁 *Cycas longisporophylla* F. N. Wei (1997); 多羽叉叶苏铁 *Cycas multifrondis* D. Y. Wang(1996); 掌裂苏铁 *Cycas palmatifida* Hung T. Chang, Y. Y. Huang & Y. C. Zhong (1998); 七籽苏铁 *Cycas septemsperma* Hung T. Chang, Y. Y. Huang & H. X. Zheng (1998); 三亚苏铁 *Cycas shanyaensis* G. A. Fu (2006); 十万大山苏铁 *Cycas shiwandashanica* Hung T. Chang & Y. C. Zhong (1995); 刺孢苏铁 *Cycas spiniformis* J. Y. Liang (1997)。

**Remarks:** 1. The *Cycas* species complex include: *C. balansae* complex(Gong, 2004; Xiao, 2006), *C. bifida* complex, *C. diannanensis* complex (Zhou, 2014; Liu et al, 2015), *C. pectinata* complex (Yang, 1996), *C. segmentifida* complex (Feng et al, 2016; Ma, 2005), *C. simplicipinna* complex, *C. sexseminifera* complex(Qian, 2009), *C. taiwaniana* complex (Liu, 2004; Zhang, 2012; Wang et al, 2019 ; Feng et al, 2021), *C. tanqingii* complex, and et al. (*C. balansae* complex, *C. pectinata* complex, and *C. sexseminifera* complex are remained to be studied; *C. simplicipinna* complex and *C. tanqingii* complex appeared firstly in this paper. )

2. Chinese *Cycas* species could be divided into four sections, that is: (1)section *Asiorientales* (included species 13, 18 in the cycas list above); (2) section *Indosinenses* (included species 9, 12); (3) section

*Panzhihuanses* (included species 11); (4) section *Stangerioides* (included species 1–8, 10, 14–17, 19–20)。

3. Nine names (all belong to section *Stangerioides*) to be further investigated, verified and researched, namely *Cycas brevipinnata* Hung T. Chang, Y. Y. Huang & Y. C. Zhong (1998); *Cycas longipetiolula* D. Y. Wang (1996), *Cycas longisporophylla* F. N. Wei (1997), *Cycas multifrondis* D. Y. Wang (1996), *Cycas palmatifida* Hung T. Chang, Y. Y. Huang & Y. C. Zhong (1998), *Cycas septemsperma* Hung T. Chang, Y. Y. Huang & H. X. Zheng (1998), *Cycas shanyaensis* G. A. Fu (2006), *Cycas shiwandashanica* Hung T. Chang & Y. C. Zhong (1995), *Cycas spiniformis* J. Y. Liang (1997).

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