



## The world checklist of *Stephania* (Menispermaceae), with notes on types

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### Abstract

We provide in this article the catalogue of the species names currently accepted in the genus *Stephania* (Menispermaceae), together with information relative to their types. Sixty-nine species of *Stephania* are recognized and 36 lectotypes are designated here. This checklist constitutes the basis for a future taxonomical revision of the genus *Stephania*.

### Introduction

The genus *Stephania* Loureiro (1790: 608) (Menispermaceae) was described by the Portuguese botanist João de Loureiro based on two species, namely *S. rotunda* Loureiro (1790: 608) and *S. longa* Loureiro (1790: 609). More than 60 species of *Stephania* are currently recognized. They are distributed in tropical and subtropical Asia, tropical Africa, and Oceania, with a centre of diversity located in South-East Asia (Lo 1996, Lo *et al.* 2008). Many species of *Stephania* are commonly used in folk and modern medicine for the treatment of asthma, tuberculosis, dysentery, hyperglycemia, cancer, fever, and malaria (Semwal *et al.* 2010).

The species of *Stephania* are characterized by unilocular ovaries and peltate synandria and leaves. Vegetative features, such as life forms (annual herbs or woody vines), the reticulation of leaf nervation, and the shape of leaf blade, have been used for infrageneric classifications, in addition to inflorescence, flower (merism and symmetry), and fruit (seed ornamentation, endocarp shape, condyle perforation) traits (Diels 1910, Forman 1956, Jacques *et al.* 2007, Lo *et al.* 2008, Herrera *et al.* 2011).

According to recent phylogenetic studies (Ortiz *et al.* 2007, Wang *et al.* 2007, Hoot *et al.* 2009, Wang *et al.* 2009, Jacques *et al.* 2011, Wang *et al.* 2012, Wefferling *et al.* 2013, Ortiz *et al.* 2016), *Stephania* is phylogenetically closely related to the genera *Antizoma* Miers (1851: 41), *Cissampelos* Linnaeus (1753: 1031), *Cyclea* Arnott ex Wight (1840: 22), and *Perichasma* Miers (1866: 21). Interestingly, a plastid phylogenetic tree with a dense sampling of *Stephania* species (mostly Chinese) showed that the monotypic genus *Perichasma* was included in *Stephania* (Xie *et al.* 2015). Menispermaceae have a rich fossil record since the Cretaceous on several continents: Europe, Americas, Africa, and Asia (Doria *et al.* 2008). Several fossil species have been described as part of the genus *Stephania* based on endocarp remains, such as *S. hootae* (Collinson *et al.* 2012) from the Middle Eocene of Messel in Germany and *S. miocenica* (Chesters 1957) from the Miocene of Rusinga, Kenya.

The objectives of this article are a) to provide the world checklist of the species of *Stephania* with information about the type specimens, b) to discuss the validity of the names, and c) to typify species names when necessary. The catalogue of species names will fuel and facilitate studies about the systematics, evolution, biogeography, and pharmacology of the genus *Stephania*.

## Material and Methods

The protologues and relevant taxonomical literature were analyzed. Physical specimens from B, BM, K, and P Herbaria were examined. The following online resources were consulted: B virtual herbarium (Röpert 2000), BM virtual herbarium (Natural History Museum 2015), PE Herbarium database (2013), Chinese Virtual Herbarium (2016), Edinburgh Herbarium Catalogue (Royal Botanic Garden Edinburgh 2016), Geneva Herbaria Catalogue (2016), Harvard University Herbaria & Libraries (2013), Herbarium of the University of Tokyo (2011), JSTOR Global Plants (2016), Kew Herbarium Catalogue (Royal Botanic Gardens 2016), BR Herbarium Catalogue (Botanic Garden Meise 2014), Natural History Museum of Florence database (University of Florence 2010), New York Catalogue of Vascular Plants (New York Botanical Garden 2004), PNG plants database (Conn *et al.* 2006+), Smithsonian Department of Botany Collections (2013), South China Botanical Garden Herbarium online (2015), and Uppsala Herbarium (2015). Subspecific, invalid, and illegitimate names are also provided. The distribution records were obtained from herbarium specimens, literature, and observations during field trips made by S.K. Chéng, C. Dary, B. David, J.-G. Fouché, S. Hul, S. Kim, M. Léti, S. Lim, C. Long, Y. Peou, Séng Chandy, and L. Yok in Cambodia between 1997 and 2015.

When no holotype was cited in the original description of a species or infraspecific taxon, we selected one of the syntypes as the lectotype (Art. 9.12 in McNeill *et al.* 2012). In case a protologue cited a single specimen, and even if it was not designated as holotype by the original descriptor, then this specimen is accepted as the holotype (Art. 9.1, Note 1 in McNeill *et al.* 2012). If a single gathering (consisting of several specimens) is indicated as the type of the name of a new taxon, then we selected one of the specimens to be the lectotype. Moreover, if the author of a name indicates a single specimen as “type”, then it is considered the holotype (McNeill 2014).

## Results

The genus *Stephania* consists of 69 species and seven varieties. Thirty-six lectotypes are designated here following McNeill *et al.* (2012) and McNeill (2014), and are provided in the list below.

### List of names and types

Accepted names are in bold italics and listed alphabetically. Synonyms are in italics. The reference of cited specimens (herbarium acronym, or when available, the barcode) are provided. The acronyms of herbaria follow Thiers (2016). Specimens marked ‘!’ were examined in the scope of this paper.

#### ***Stephania*** Loureiro (1790: 608)

Lectotype:—*Stephania rotunda* Loureiro (1790: 608), designated by Phillips (1951: 335).

*Clypea* Blume (1825: 26); Miers (1871: 205). Lectotype (designated here):—*C. discolor* Blume (1825: 26).

*Ileocarpus* Miers (1851: 40, 1864: 372, 1871: 124). Lectotype (designated here):—*I. schimperi* Miers (1851: 40).

*Homocnemia* Miers (1851: 40). Lectotype (designated here):—SOUTH AFRICA. *H. meyeriana* Miers ex Harvey & Sonder (1860: 10).

#### **1. *Stephania abyssinica*** (Quart.-Dill. & A. Rich.) Walpers (1842: 96)

Basionym: *Clypea abyssinica* Quartin-Dillon & Richard (1840: 263). Lectotype:—ETHIOPIA. Adowa, *Quartin-Dillon & Petit s. n.* (*Herb. Richard*) (P00364754!), designated by Benvenuto 1974: 55; isoelectotypes B\_10\_0294319 image!, K000230210! as ‘*Luartin - Dillon & Petit 144*’, MPU026864 image!, P00364753! & P00364755!).

##### **1a. *Stephania abyssinica* var. *abyssinica***

*Cissampelos nymphaeifolia* Brown (1814: 65), *nom. nud.*

*Menispermum schimperi* Hochst. ex Steudel (1841: 124), *nom. nud.*—*Stephania schimperi* Hochst. ex Richard (1847: 9).—*Ileocarpus schimperi* (Hochst. ex A. Rich.) Miers (1851: 40). Type:—ETHIOPIA. Adama, 11 June 1837, *Schimper 178* (holotype BM000554402!, isotypes, G, HAL0117505 image!, K000939191!, P00375248!, TUB000487 image! & TUB000488 image!).

*Stephania bullulata* Miers (1866: 16). Lectotype (designated here):—CAMEROON. South West Cameroon, Mount Cameroon, 2150 m, February 1862, *Mann 1242*, “1342” (K000105660!, isoelectotype BM000554403!).

*Stephania laevigata* Miers (1866: 16). Type:—EQUATORIAL GUINEA, Fernando Poo, December 1860, *Mann 629* (holotype

K000230212!, isotypes BM000554393!, K000230213!).

*Stephania fastuosa* Miers (1871: 231). Lectotype:—CAMEROON. West Mount Cameroon, *Mann 2169* (K000105661!, designated by Troupin 1962: 247; isolectotype, BM000554404!).

Distribution:—Angola, Guinea, Mozambique, South Africa.

**1b. *Stephania abyssinica* var. *tomentella* (Oliv.) Diels (1910: 270)**

Basionym: *Stephania hernandifolia* (Willd.) Walp. var. *tomentella* Oliver (1887: 328). Type:—TANZANIA. Kilimanjaro, *Johnston s. n.* (holotype K000230209!, isotypes B\_10\_0294318 image!, BM000554392!).

*Homocnemia meyeriana* Miers ex Harvey & Sonder (1860: 10).—*Stephania meyeriana* (Harv. & Sond.) Harvey (1868: 4). Type:—SOUTH AFRICA. Cape, Pondoland, Omvawwubo, *Drège s.n.* (holotype K000230203!, isotype HAL0117513 image!).

*Stephania praelata* Miers (1866: 16). Lectotype (designated here):—SOUTH AFRICA. Orange Free State, *Cooper 904* (BM000554407!, isolectotypes CGE00102 image!, K000939190!).

*Clypea meridiana* Miers (1871: 210). Lectotype (designated here):—SOUTH AFRICA. Natal, *Gerrard 1468* (K000230204!, isolectotype BM000554408!).

*Stephania hernandifolia* (Willd.) Walp. var. *pubescens* Szyszylowicz (1887: 102). Lectotype (designated here):—SOUTH AFRICA. Drakensberg, Natal, 1875-1880, *Rehmann 6895* (Z-000092150 image!, isolectotype K000230205!).

*Stephania abyssinica* (Quart.-Dill. & A.Rich.) Walp. var. *pilosa* Engler (1895: 181). Lectotype:—TANZANIA. Kiboscha, *Volkens 1601* (BM000554401!, designated by Troupin 1962: 252).

Distribution:—Cameroon, Central African Republic, Ethiopia, Mozambique, South Africa, Sudan, Zambia.

**2. *Stephania andamanica* Diels (1910: 266)**

Type:—INDIA. South Andamans, jungle Goplakabang, 21 June 1891, *King s. n.* (holotype B\_10\_0294315 image!).

Distribution:—India.

**3. *Stephania bancroftii* Bailey (1910: 221)**

Type:—AUSTRALIA. Queensland, Stannary Hills, *Bancroft s. n.* (holotype BRI-AQ0068965 image!, isotype K000644754!).

Distribution:—Australia.

**4. *Stephania brachyandra* Diels (1910: 275)**

Lectotype (designated here):—CHINA. Yunnan: 1898, *Henry 10776A* (K000644642!; isolectotypes A00038931 image!, B\_10\_0294314 image!, E00570032 image!, IBSC 000614, K000939055!, LE01012969 image!, SYS 00052645).

Distribution:—China, Myanmar, Vietnam.

**5. *Stephania brevipedunculata* C.Y. Wu & D.D. Tao in Wu (1985: 159)**

Type:—CHINA. Xizang: Nyalam, 1700 m, 5 May 1966, *Xizang Medic. Herb. Exped.419* (leg. Zhang & Lang 3178) (holotype KUN 0431940 image!).

Distribution:—China.

**6. *Stephania brevipes* Craib (1922: 228)**

Type:—THAILAND. Chiang Mai: Doi Suthep, 21 June 1914, *Kerr 3255* (holotype BM000554378!, isotype K000644773!).

Distribution:—Thailand.

**7. *Stephania cambodica* Gagnepain (1938: 131)**

Type:—CAMBODIA. Preah Vihear (‘Stung treng’): Chaom khsan, 14 March 1928, *Poilane 14927* (holotype P00748266!, isotype P00748267!).

Distribution:—Cambodia, Vietnam.

**8. *Stephania capitata*** (Blume) Sprengel (1827: 316)

Basionym: *Clypea capitata* Blume (1825: 28). Lectotype (designated here):—INDONESIA. Java, Mt. Salak, *Blume s. n.* (L 0038520!, isoelectotypes K000644763!, L 0038519!, L 0038521!).

*Clypea acuminatissima* Blume (1825: 28).—*Stephania acuminatissima* (Blume) Sprengel (1827: 316), *sphalm* 'acuminata'. Lectotype (designated here):—INDONESIA. Java, Boerangrang, *Blume s. n.* (L 0038522!, isotype L 0038523!).

*Stephania obvia* Miers (1866: 15). Type:—INDONESIA. Java, *Horsfield 684* (holotype K!).

*Stephania longifolia* Beccari (1877: 156). Type:—MALAYSIA. Sarawak: Kuching, *Beccari PB 1054* (holotype FI007614 image!).

*Stephania truncata* Yamamoto (1944: 142). Type:—MALAYSIA. Sarawak: Kuching, July-August 1938, *Hanada s. n.* (holotype SBT, isotype US00385558 image!).

Distribution:—Indonesia, Malaysia, Thailand.

**9. *Stephania cephalantha*** Hayata (1913: 12)

Type:—CHINA. Taiwan: Keelung, *Sasaki s.n.* (holotype TI 02702 image!).

*Stephania disciflora* Handel-Mazzetti (1931: 261). Type:—CHINA. Guizhou: between Badschai and Tailaohsin, 1100 m, 14 July 1917, *Handel-Mazzetti 10767* (holotype WU0039359 image!, isotype E00570033 image!, photo K000939193!).

*Stephania tetrandra* S.Moore var. *glabra* Maximowicz (1883: 647). Type:—CHINA. Tanshui, *Oldham 7a p. p.* (holotype LE01012979 image!, isotype LE01014149 image!).

Distribution:—China, Vietnam.

**10. *Stephania chingtungensis*** Lo (1978: 25)

Type:—CHINA. Yunnan: Jingdong, 2200 m, 3 January 1940, *Li 2803* (holotype IBSC 000615, isotypes, KUN 1655439 & KUN 165540).

Distribution:—China.

**11. *Stephania corymbosa*** (Blume) Walpers (1842: 96)

Basionym: *Clypea corymbosa* Blume (1825: 27). Lectotype (designated here):—INDONESIA. Java, Mt. Salak, *Blume s. n.* (L 0038524!, isoelectotypes B\_10\_0294311 image!, K000644764!, L 0038525!).

*Stephania ramuliflora* Miers (1871: 232). Lectotype (designated here):—INDONESIA. S.E. Borneo, *Motley 1108* (K000644765!, isoelectotype BM000554384!).

*Stephania cauliflora* Beccari (1877: 155). Type:—INDONESIA. Celebes, Lepo-Lepo, near Kendari, 1874, *Beccari s. n.* (holotype FI007610 image!, isotype B\_10\_0294312 image!).

*Stephania catosepala* Diels (1910: 268). Lectotype (designated here):—PHILIPPINES. Luzon, Benguet, Baguio, March 1904, *Elmer 5851* (P00748182!, isoelectotypes B\_10\_0294313B image!, K000644759!, US00103930 image!).

*Stephania ramosii* Diels in Merrill (1912: 265). Type:—PHILIPPINES. Luzon, Benguet, *Ramos 13487* (holotype B\_10\_0294301 image!).

*Stephania borneensis* Yamamoto (1944: 137). Type:—MALAYSIA. Sarawak: Kuching, 14 Octobre 1938, *Hanada s. n.* (holotype SBT, isotype NH).

Distribution:—Indonesia, Malaysia, Philippines.

**12. *Stephania crebra*** Forman (1988: 383)

Type:—THAILAND. Chiang Mai: Ban Mae Tho, 18 October 1982, *Bänziger 171* (holotype K000381441!, isotypes C10015200 image!, K000381442!).

Distribution:—Thailand.

**13. *Stephania cyanantha*** Welw. ex Hiern (1896: 20)

Type:—ANGOLA. Cuanza Norte, Calinda, May 1857, *Welwitsch 2321* (holotype BM000554405!, isotypes B\_10\_0294310, BM000554406!, K000230206! & K000230207!).

Distribution:—Angola, Burundi, Cameroon, Democratic Republic of the Congo, Equatorial Guinea, Kenya, Rwanda, Sierra Leone, Tanzania, Uganda, Zambia.

**14. *Stephania delavayi*** Diels (1910: 275)

Lectotype (designated here):—CHINA. Yunnan: Heqing, “Tapintze, Nien Kia Se”, *Delavay s.n.* (K000644641!, isolectotype B\_10\_0294309-A!).

*Stephania graciliflora* Yamamoto (1940: 243). Lectotype (designated here):—CHINA. Yunnan: Weishan, “Menghwa”, Weipaoshan, 2300 m, 14 September 1933, *Tsiang* 12017 (NAS00317152 image!, isolectotypes IBSC 0097139, NAS00316283 image!, NAS00317149 image!, NAS00317150 image!, NAS00317151 image!).

Distribution:—China.

**15. *Stephania dentifolia*** S.H.Lo & M.Yang in Lo (1988: 313)

Type:—CHINA. Yunnan: Gengma, 29 June 1986, *Shen* 28 (holotype IBSC 000618).

Distribution:—China.

**16. *Stephania dicentrifera*** H.S.Lo & M.Yang in Lo (1982: 48)

Type:—CHINA. Yunnan: Kaiyuan, Dazhuang, *Tsiang* 8 (holotype IBSC 0097177 image!, isotype IBSC 0097174 image!).

Distribution:—China.

**17. *Stephania dictyoneura*** Diels (1910: 281)

Type:—INDONESIA. Sumatra, Mt. Singgalan, *Beccari* 8 (holotype FI007611 image!, isotypes B\_10\_0294308 image!, K000644762!, L0038526!, LE00012378 image!).

Distribution:—Indonesia.

**18. *Stephania dielsiana*** Wu (1940: 174)

Lectotype:—CHINA. Guangxi: Yao-shan, 25 May 1931, *Sin* 21410 (IBSC, designated by Lo 1978: 38).

Distribution:—China, Vietnam.

**19. *Stephania dinklagei*** (Engl.) Diels (1910: 265)

Basionym: *Cissampelos dinklagei* Engler (1899: 399). Type:—CAMEROON. 16 November 1890, *Dinklage* 943 (holotype B\_10\_0294307 image!).

*Stephania dinklagei* (Engl.) Diels var. *axillaris* Troupin (1949: 434). Type:—DEMOCRATIC REPUBLIC OF THE CONGO. Yangambi, 25 April 1936, *Louis* 1763 (holotype BR0000013703042).

*Kolobopetalum tisserantii* Chevalier (1938: 117), *p. p. quoad inflorescentia*. Type:—CENTRAL AFRICAN REPUBLIC. Bambari, 27 May 1924, *Tisserant* 1525 (holotype P00724083!, isotypes BM000554391!, P00724085!, P00724087!).

Distribution:—Angola, Cameroon, Central African Republic, Democratic Republic of the Congo, Gabon, Ghana, Guinea, Ivory Coast, Liberia, Nigeria, Sao Tome and Principe, Sierra Leone, Tanzania, Togo, Uganda.

**20. *Stephania dolichopoda*** Diels (1910: 282)

Type:—CHINA. Yunnan: Simao, “Szemao”, 1300 m, *Henry* 12008B (holotype K000644632!, isotypes LE01012972 image!, MO-216798 image!, SYS00052668, US00103931 image!).

Distribution:—China, India.

**21. *Stephania ebracteata*** Zhao & Lo (1990: 181)

Type:—CHINA. Sichuan: Miyi, Puwei, Qingcaigou, 2500 m, 13 September 1981, *Sun & Yan* 80-6 (holotype IBSC).

Distribution:—China.

**22. *Stephania elegans*** Hooker & Thomson (1855: 195)

Lectotype (designated here):—INDIA. Assam, Khasia, *Hooker f. & Thomson s. n.* (K000644620!, isolectotypes BM!, K000644623!, K000644624!, K000644625!, M0239673!, P00748268!).

*Stephania japonica* (Thunb.) Miers var. *elegans* Kuntze (1891: 10).

Distribution:—China, India, Nepal, Thailand.

**23. *Stephania epigaea*** Lo (1978: 34)

Type:—CHINA. Yunnan: Kunming, 25 May 1956, *Chiu51901* (holotype IBSC 000622, isotypes KUN 165987 & 165988).

Distribution:—China.

**24. *Stephania excentrica*** Lo (1978: 33)

Type:—CHINA. Hubei: Xuan'en, 690 m, 21 June 1958, *Li 2987* (holotype IBSC 000623, isotype HIB 0096937).

Distribution:—China.

**25. *Stephania formanii*** Kundu & Guha (1976: 259)

Type:—PAPUA NEW GUINEA. Isuarava, 13 February 1936, *Carr 15556* (holotype BM!, isotypes K!, L 0038527!).

Distribution:—Papua New Guinea.

**26. *Stephania glandulifera*** Miers (1866: 15)

Lectotype (designated here):—INDIA. Sikkim, *Hooker f. & Thomson 35* (K000644633!).

*Stephania rotunda* auct., non Loureiro: Hooker & Thomson (1855: 197), *p. p.*

Distribution:—India, Myanmar, Thailand.

**27. *Stephania gracilentia*** Miers (1866: 15)

Lectotype (designated here):—NEPAL. *Wallich s. n.*, 1821 (K000644575!, isolectotype BM000554362!).

Distribution:—China, India, Nepal.

**28. *Stephania grandiflora*** Forman (1968: 354)

Type:—PAPUA NEW GUINEA. Wabag, Marimanta Forest 2700 m, 8 July 1960, *Womersley & Vink in N.G.F. 12586* (holotype LAE).

Distribution:—Papua New Guinea.

**29. *Stephania hainanensis*** H.S.Lo & Y.Tsoong in Lo (1978: 39)

Type:—CHINA. Hainan: Baisha, 21 March 1936, *Lau 25790* (holotype IBK, isotype KUN 166202).

Distribution:—China.

**30. *Stephania herbacea*** Gagnepain (1908a: 40)

Lectotype (designated here):—CHINA. Sichuan, near Chengkou, “Héou-pin” 1400 m, 8 July 1892, *Farges 902* (P00748270!, isolectotypes BM000554360!, K000644638!, LE01012976 image!, MPU026855 image!, P00748271!, P00748272!, SYS 00052744).

Distribution:—China.

**31. *Stephania intermedia*** Lo (1983: 247)

Type:—CHINA. Yunnan: Gejiu, 6 July 1978, *Tsiang 13* (holotype IBSC 0055563, isotypes IBSC 0055564, IBSC 0097370 image!, IBSC 0097371 image!, IBSC 0097372 image!).

Distribution:—China.

### 32. *Stephania japonica* (Thunb.) Miers (1866: 14)

Basionym: *Menispermum japonicum* Thunberg (1784: 892).—*Cocculus japonicus* (Thunberg) Candolle (1817: 516). Lectotype:—JAPAN. Thunberg s. n. (UPS139352, designated by Forman 1956: 49, isolectotype UPS139353).

#### 32a. *Stephania japonica* var. *japonica*

*Cocculus forsteri* Candolle (1817: 517).—*Stephania forsteri* (DC.) Gray (1854: 36). Type:—FRENCH POLYNESIA. Society Islands, Forster 378 (holotype BM).

*Stephania appendiculata* Miers (1866: 15). Type:—INDIA. Madras, Gardner s. n. (holotype K000644626!, isotype BM000554363!).

*Stephania hypoglauca* Miers (1866: 15). Lectotype (designated here):—INDIA. Madras, Wallich 4982Aa (K!, isolectotype BM000554364!).

*Stephania intertexta* Miers (1866: 15). Lectotype (designated here):—SRI LANKA. Walker s. n. (K000644776!, isolectotype BM000554367!).

*Clypea consummata* Miers (1871: 209). Type:—JAPAN. Nagasaki, Oldham 760 (holotype BM000554358! isotype K000644629!).

*Clypea effusa* Miers (1871: 207). Type:—INDIA. Anonymous s. n. (holotype K000644627!, isotype BM000554366!).

*Clypea subovata* Miers (1871: 209). Type:—JAPAN. Rino Ohosima, Oldham 346 (holotype K000644628!, isotype BM000554359!).

*Stephania japonica* (Thunb.) Miers var. *glabra* Kuntze (1891: 9), *nom. nud.*—INDIA. Sikkim, Mungpo, December 1875 (NY00320657 image!).

Distribution:—Australia, China, India, Indonesia, Japan, Korea, Malaysia, Pacific Ocean Islands, Philippines, Sri Lanka.

#### 32b. *Stephania japonica* var. *discolor* (Blume) Forman (1956: 56)

Basionym: *Clypea discolor* Blume (1825: 26).—*Stephania discolor* (Blume) Sprengel (1827: 316).—*S. hernandifolia* Walp. var. *discolor* (Blume) Miquel (1868: 85). Lectotype (designated here):—INDONESIA. Java, Blume 727 (L 0038530!, isolectotypes L 0038529!, L 0038531!, L 0038532!, NY00320538 image!).

*Cissampelos hernandiifolia* Willdenow (1806: 861).—*Clypea hernandiifolia* (Willd.) Wight & Arnott (1834: 14).—*Stephania hernandiifolia* (Willd.) Walpers (1842: 96).—*S. discolor* (Blume) Spreng. var. *hernandiifolia* (Willd.) Boerlage (1899: 42). Type:—INDIA. Roxburgh s. n. (holotype photo B-WILLD).

*Cocculus finlaysonianus* Wallich (1831: no. 4974), *nom. nud.*

*Cissampelos hexandra* Roxburgh (1832: 841). Lectotype (designated here):—INDIA. Roxburgh s. n. (K000644774!, isolectotypes, BM000946144!, LINN-HS1567-4).

*Cissampelos australis* Cunn. ex Miers (1851: 40), *nom. nud.*

*Stephania gaudichaudii* Gray (1854: 37). Type:—AUSTRALIA. Sydney, New South Wales, 1838, *U.S. Expl. Exped.*, Wilkes s. n. (holotype US00103932 image!, isotype GH00038936 image!, P00748183!).

*Clypea oxyphylla* Miers (1871: 206). Lectotype (designated here):—NEPAL. Wallich s. n. (BM!, isolectotype G).

*Stephania latifolia* Miers (1871: 224). Lectotype (designated here):—INDIA. Khasya Hills, Muckluw in Herb. Hooker f. & Thomson s. n. (K!, isolectotype BM000554365!).

*Stephania australis* A.Gray ex Miers (1871: 229). Type:—AUSTRALIA. Parranatta, New South Wales, *Cunningham s. n.* (holotype K000644756!).

*Stephania japonica* (Thunb.) Miers var. *puberula* Kuntze (1891: 10), *nom. nud.*

*Stephania hallieri* Diels (1910: 281). Lectotype (designated here):—INDIA. Borneo, 1893-1894, Hallier 1832 (L 0038528, isolectotypes BO- 1284216 image! & BO- 1284217 image!).

Distribution:—Australia, Cambodia, China, India, Indonesia, Laos, Myanmar, Nepal, Thailand, Vietnam.

#### 32c. *Stephania japonica* var. *timoriensis* (DC.) Forman (1956: 55)

Basionym: *Cocculus japonicus* (Thunb.) DC. var. *timoriensis* Candolle (1824: 96).—*Stephania japonica* (Thunb.) Miers var. *timoriensis* (DC.) J. Florence (1999: 50), isonym. Lectotype:—INDONESIA, Timor, *Anonymous s. n.* (G-DC00201615 image!, designated by Florence 1999: 50).

*Cocculus roxburghianus* Candolle (1817: 516).—*Stephania roxburghiana* (DC.) Miers (1866: 14). Lectotype (designated here):—INDIA, Roxburgh s. n. (G-DC00201616 image!, isolectotype G-DC00201617 image!).

*Clypea glaucescens* Decaisne (1834: 423).—*Stephania glaucescens* (Decne.) Walpers (1842: 96). Lectotype (designated here):—TIMOR. Riedlé 497 (P00337338!, isolectotype P00337339!).

*Stephania concinna* Miers (1871: 226). Lectotype (designated here):—INDONESIA. Java, *Horsfield s. n.* (K!, isolectotypes BM000554386! BM000554387!).

*Stephania exigua* Miers (1871: 228). Type:—PHILIPPINES. Luzon, Batangas, *Cuming 1533* (holotype BM000554388!, isotype K).

*Stephania pallidula* Miers (1871: 229). Type:—AUSTRALIA. Filzroy and Stokes Range, *F. v. Müller s. n.* (holotype K!).

Distribution:—Australia, Bangladesh, Cambodia, China, India, Indonesia, Malaysia, Pacific Ocean Islands, Sri Lanka.

**33. *Stephania kuinanensis*** H.S.Lo & M.Yang in Lo (1982: 46)

Type:—CHINA. Guangxi: Longzhou, Jin-long People's Commune, wastelands, 6 April 1976, *Yang 6989*, (holotype IBSC 000624).

Distribution:—China.

**34. *Stephania kwangsiensis*** Lo (1978: 30)

Type:—CHINA. Guangxi: Lingyuan, 21 May 1973, *Zheng 2002* (holotype GXMI).

Distribution:—China.

**35. *Stephania lincangensis*** H.S.Lo & M.Yang in Lo (1988: 311)

Type:—CHINA. Yunnan: Lincang, 18 June 1986, *Yang & Shen 5* (holotype IBSC 000626).

Distribution:—China.

**36. *Stephania longa*** Loureiro (1790: 608)

Type:—VIETNAM. 'Cochinchine', *Loureiro s. n.* (holotype not found).

*Stephania japonica* (Thunb.) Miers f. *parvifolia* Kuntze (1891: 9), *nom. nud.*—VIETNAM. "Annam", 26 February 1975, *Kuntze 3702* (NY00320658 image!).

*Stephania japonica* (Thunb.) Miers var. *hispidula* Yamamoto (1927: 34).—*Stephania hispidula* (Yamam.) Yamamoto (1936: 140).  
Lectotype (designated here):—CHINA. Taiwan: Ariko-Banti, January 1917, *E. Matsuda H 278* (TI 02703 image!).

Distribution:—China, Laos, Vietnam.

**37. *Stephania longipes*** Lo (1982: 54)

Type:—CHINA. Yunnan: Cangyuan, Nanla People's Commune, 26 June 1974, *Lee 12503* (holotype KUN 165973).

Distribution:—China.

**38. *Stephania macrantha*** H.S.Lo & M.Yang in Lo (1988: 309)

Type:—CHINA. Yunnan: Yangbi, Pingpo, 20 May 1986, *Wei 184* (holotype IBSC 0097556 image!).

Distribution:—China.

**39. *Stephania mashanica*** H.S.Lo & B.N.Chang in Lo (1982: 50)

Type:—CHINA. Guangxi: Mashan, Jiafang People's Commune, 20 May 1976, *Yang 7009* (holotype IBSC 000627).

Distribution:—China.

**40. *Stephania merrillii*** Diels (1910: 268)

Type:—PHILIPPINES. Midoro, Mt. Halcon, *Merrill 5701* (holotype B\_10\_0294329 image!, isotype US00103933 image!).

*Stephania sasakii* Hayata ex Yamamoto (1928: 13) Type:—CHINA. Taiwan: Kôtôsho, July 1912, *Kawakami & Sasaki s. n.* (holotype TI 02705 image!).

Distribution:—China, Philippines.



**41. *Stephania micrantha*** H.S.Lo & M.Yang in Lo (1982: 52)

Type:—CHINA. Guangxi: Long Zhou, Shangjin People's Commune, 6 April 1976, *Yang 6980* (holotype IBSC 000628, isotype IBSC 055562).

Distribution:—China.

**42. *Stephania mildbraedii*** Diels (1909: 326)

Type:—DEMOCRATIC REPUBLIC OF THE CONGO. Ituri, March 1908, *Mildbraed 2941* (holotype B\_10\_0294304 image!).

Distribution:—Democratic Republic of the Congo.

**43. *Stephania miyiensis*** Zhao & Lo (1990: 183)

Type:—CHINA. Sichuan: Miyi Puwei, Xiaoqiao, Changpuwan, 14 September 1981, *Yan & Sun 80-26* (holotype IBSC).

Distribution:—China.

**44. *Stephania moluccana*** Forman (1956: 68)

Type:—INDONESIA. The Moluccas, *Beguin 1462* (holotype BO, isotype L 0038534!, K000644760!).

Distribution:—Indonesia.

**45. *Stephania montana*** Diels (1915: 189)

Type:—PAPUA NEW GUINAE. Sepik River, Hunstein range, 21 April 1913, *Ledermann 11381* (holotype B\_10\_0294303 image!, isotype K!).

Distribution:—Papua New Guinea, Philippines.

**46. *Stephania neoguineensis*** Kundu & Guha (1976: 257)

Type:—PAPUA NEW GUINEA. Arau, 23 October 1959, *Brass 32246* (holotype US 00103934 image!, isotype K!).

Distribution:—Papua New Guinea.

**Note:**—Only known from one collection with male flowers, from East New Guinea, E. Highlands Distr. Forman considered this species as doubtful and affine with *S. montana*, although he noticed differences in the leaves of both species.

**47. *Stephania novenanthera*** Heng C.Wang in Zhang *et al.* (2013: 379)

Type:—CHINA. Guangxi: Pingxiang County, Xia-shi, 21 March 2006, *Meng 20060002* (holotype HIB).

Distribution:—China.

**48. *Stephania oblata*** Craib (1922: 230)

Type:—THAILAND. Chiang Mai: Doi Suthep, 23 May 1912, *Kerr 2610* (holotype BM000554379!, isotype K000381623!).

*Stephania kerrii* Craib (1922: 229). Lectotype (designated here):—THAILAND. Chiang Mai: Doi Suthep, 5 July 1914, *Kerr 3275* (K000644768!, isolectotypes K000644770!, BM000554381!).

Distribution:—Cambodia, Thailand.

**49. *Stephania officinarum*** H.S.Lo & M.Yang in Lo (1988: 310)

Type:—CHINA. Yunnan: Gengma, 14 September 1986, *Shen & Yang 142* (holotype IBSC 000629).

Distribution:—China.

**50. *Stephania papillosa*** Craib (1923: 45)

Type:—THAILAND. Khao Rum, March 1922, *Smith 678* (holotype K000381597!, isotypes BK257188 image!, BM000554382!).

Distribution:—Thailand.

**51. *Stephania pierrei*** Diels (1910: 276)

Type:—CAMBODIA. Kampot, May 1874, *Pierre 755d* (lectotype P00748190! designated by Dary *et al.* 2015: 424, isolectotype MPU026852 image!).

*Stephania erecta* Craib (1922: 229). Type:—THAILAND, Phetchabun, *Kerr 5689* (holotype K000644771!).

*Stephania rotunda* auct., non Lour.: Gagnepain (1908b: 148), *p. p.*

*Stephania rotunda* Gagnep. var. *lapacaea* Gagnepain (1908b: 149), *nom. nud.*

Distribution:—Cambodia, Laos, Thailand, Vietnam.

**52. *Stephania psilophylla*** (C.Presl) Forman (1956: 63)

Basionym: *Cissampelos psilophylla* Presl (1835: 80). Lectotype (designated here):—PHILIPPINES. Luzon, *Haenke s. n.* (PRC450440 image!, isolectotypes BM000554389!, HAL0117510 image!).

Distribution:—Philippines.

**53. *Stephania renifolia*** Forman (2007: 463)

Type:—AUSTRALIA. Queensland, 13 miles [21 km] Se of Luwgi, Port Curtis District, 30 October 1963, *Speck 1936* (holotype CANB137850 image!, isotypes BRI-AQ0063238 image!, K000644757!).

Distribution:—Australia.

**54. *Stephania reticulata*** Forman (1956: 65)

Type:—MALAYSIA. Sabah: Mt. Kinabalu, 19 November 1931, *Clemens 30377* (holotype K000644761!, isotype A00038934 image!, L 0038535!).

Distribution:—Indonesia, Myanmar, Thailand.

**55. *Stephania rotunda*** Loureiro (1790: 608)

Types:—VIETNAM. “Cochinchinae”, *Loureiro s. n.* (lectotype BM000554372! designated by Hul *et al.* 2014: 134, isolectotype BM000554373!). CAMBODIA. Kampot, May 1874, *Pierre 755b* (epitype P02384051!, designated by Hul *et al.* 2014: 134).

*Cissampelos glabra* Roxburgh (1832: 840).—*Stephania glabra* (Roxb.) Miers (1866: 14). Type:—BANGLADESH. Sylhet, *Roxburgh Icon 2410* (lectotype K! designated by Hul *et al.* 2014: 134).

*Cocculus roxburghianus* auct. non DC.: Wallich (1831: no.4972B).

*Stephania rotunda* auct. non Lour.: Hooker & Thomson (1855: 197), *p. p.*

Distribution:—Bangladesh, Cambodia, China, India, Indonesia, Laos, Myanmar, Nepal, Thailand, Vietnam.

**56. *Stephania salomonum*** Diels (1914: 552)

Type:—SOLOMON ISLANDS. Bougainville Island, Kieta Bay, September 1905, *Rechinger 4803* (holotype W).

Distribution:—Indonesia, New Guinea, Solomon Islands.

**57. *Stephania sinica*** Diels (1910: 272)

Lectotype (designated here):—CHINA. Hubei: “Hupeh”, March 1989, *Henry 6662* (B\_10\_0294300 image!, isolectotypes GH00038933 image!, K000644635!, LE01012978 image!, P02315738!, P02315739!, SYS00052731, SYS00052732, US00103935 image!).

Distribution:—China, Laos, Vietnam.

**58. *Stephania suberosa*** Forman (1980: 563)

Type:—THAILAND. Kanchanaburi: Kanburi, 15 May 1927, *Kerr 12855* (holotype K000381723!, isotypes BK257189 image!, BM000554383!, C10021025 image!, L 0038536!).

Distribution:—Cambodia, Thailand.

Note:—Although Forman recorded this species as a Thai endemic, a specimen was collected in Cambodia in 2015 (Hul *et al.* 5062, P00780957).

**59. *Stephania subpeltata*** Lo (1978: 22)

Type:—CHINA. Yunnan: Yangbi, *Ching 25511* (holotype PE).

Distribution:—China, Thailand, Vietnam.

**60. *Stephania succifera*** H.S.Lo & Y.Tsoong in Lo (1978: 36)

Type:—CHINA. Hainan: Qiongzong, 29 March 1975, *Zhong 60152* (holotype IBSC 000631, isotype IBSC 0097664 image!).

Distribution:—China.

**61. *Stephania sutchuenensis*** Lo (1978: 25)

Type:—CHINA. Sichuan: Emei Mts, *Guan, Wang & Li 703* (holotype PE).

Distribution:—China.

**62. *Stephania tetrandra*** Moore (1875: 225)

Type:—CHINA. Jiangxi: Jiujiang, “Kiukiang”, in 1873, *Shearer s. n.* (holotype A00282755 image!, isotype K000644630!, LE01014148 image!).

Distribution:—China.

**63. *Stephania tomentella*** Forman (1988: 378)

Type:—THAILAND. Chiang Rai: Doi Tam Tu Pu, *Garrett 278* (holotype K000644767!, isotypes C10015201 image!, K000644766!, L0038537!).

Distribution:—Thailand.

**64. *Stephania tuberosa*** Forman (2007: 463)

Type:—AUSTRALIA. Queensland, cult. in Stafford, Brisbane, originally from Cape York, *Smith s. n.* (holotype K000644748!, isotypes CANB221553 image!, CANB221554 image!, BRI-AQ0063235 image!, MEL693472 image!, NSW625228 image!).

Distribution:—Australia.

**65. *Stephania venosa*** (Blume) Sprengel (1827: 316)

Basionym: *Clypea venosa* Blume (1825: 27). Type:—INDONESIA. Java, *Blume s. n.* (lectotype L 0940268!, designated by Forman 1956: 58, isolectotype NY00320541 image!).

*Stephania prapatensis* Yamamoto (1944: 143). Lectotype (designated here):—INDONESIA. Sumatra, Prapat, Samosir Island, 21 July 1939, *Yamamoto, Narusawa & Seki 93* (SBT).

*Stephania rotunda* auct., non Lour.: Miquel (1868: 86).

Distribution:—Cambodia, India, Indonesia, Laos, Malaysia, Myanmar, Philippines, Thailand, Vietnam.

**66. *Stephania viridiflavens*** H.S.Lo & M.Yang in Lo (1982: 42)

Type:—CHINA. Guangxi: Napo, Guo-li, 29 April 1976, *Yang 7005* (holotype IBSC 000632, isotypes IBSC 0097726 image!, IBSC 0097727 image! & IBSC 0097737 image!, GXMI).

Distribution:—China.

**67. *Stephania wightii*** (Arn. ex Wight) Dunn (1915: 30)

Basionym: *Clypea wightii* Arn. ex Wight (1840: 22). Lectotype (designated here):—INDIA. Courtallam, *Wight 1836.26* (E00179417 image!, isoelectotype E00179418!).

Distribution:—India.

**68. *Stephania yunnanensis*** Lo (1982: 45).

Type:—CHINA. Yunnan: Gejiu, “Kojiu”, Ka-fang People’s Commune, Changwan, 6 August 1978, *Tsiang 11* (holotype IBSC 0097763 image!, isotypes IBSC 000633, IBSC 000634, IBSC 0097754 image!, IBSC 0097758 image!).

**68a. *Stephania yunnanensis* var. *yunnanensis***

Distribution:—China.

**68b. *Stephania yunnanensis* var. *trichocalyx*** H.S.Lo & M.Yang in Lo (1988: 313)

Type:—CHINA. Yunnan, Nanjian, *1700 m*, 1 June 1986, *Shen & Yang 207* (holotype IBSC 000635).

Distribution:—China.

**69. *Stephania zippeliana*** Miquel (1868: 86)

Type:—NEW GUINEA. Irian Jaya, *Zippelius 18 p. p.*, excl. folia (holotype L 0038539!, isotype B\_10\_0294298 image!).

*Stephania florulenta* Beccari (1877: 153). Lectotype (designated here):—NEW GUINEA. Andai, *Beccari 664* (FI007613 image!, isoelectotype FI007612 image!).

*Stephania valvata* Forman, *in sched.*, *nom. nud.*—SOLOMON ISLANDS. Santa Ysabel, Mt. Sasari, *Whitmore in BSIP 2422* (L 0038538!).

Distribution:—Indonesia, New Guinea, Solomon Islands, Vanuatu.

## EXCLUDED NAMES

*Stephania aculeata* F.M.Bailey (1891:7) = *Echinostephia aculeata* (F.M.Bailey) Domin (1925: 669) (Menispermaceae).

*Stephania cleomoides* Willdenow (1799: 239) = *Steriphoma paradoxum* (Jacquin 1797: 58) Endlicher (1832: 396) (Capparaceae).

*Stephania elliptica* Candolle (1824: 253) = *Steriphoma ellipticum* (DC.) Sprengel (1827: 139) (Capparaceae).

*Stephania laetificata* (Miers 1866:21) Bentham & Hooker (1867: 962) = *Perichasma laetificata* Miers (1866: 21) (Menispermaceae).

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## Appendix 1. INDEX OF SCIENTIFIC NAMES

Accepted names are in bold italics.

<i>ANTIZOMA</i> Miers .....	1	• <i>andamanica</i> Diels .....	3
<i>CISSAMPELOS</i> L. ....	1	• <i>appendiculata</i> Miers .....	7
• <i>australis</i> A.Cunn. ex Miers .....	7	• <i>australis</i> A.Gray ex Miers .....	7
• <i>dinklagei</i> Engl. ....	5	• <b><i>bancroftii</i></b> F.M.Bailey .....	3
• <i>glabra</i> Roxb. ....	10	• <i>borneensis</i> Yamam. ....	4
• <i>hernandiifolia</i> Willd. ....	9	• <i>brachyandra</i> Diels .....	3
• <i>hexandra</i> Roxb. ....	7	• <i>brevipedunculata</i> C.Y.Wu & D.D.Tao .....	3
• <i>nymphaeaeefolia</i> R.Br. ....	2	• <i>brevipes</i> Craib .....	3
• <i>psilophylla</i> C.Presl .....	12	• <i>bullulata</i> Miers .....	2
<i>CLYPEA</i> Blume .....	2	• <i>cambodica</i> Gagnep. ....	3
• <i>abyssinica</i> Quart.-Dill. & A.Rich. ....	2	• <i>capitata</i> (Blume) Spreng. ....	4
• <i>acuminatissima</i> Blume .....	4	• <i>catosepala</i> Diels .....	4
• <i>capitata</i> Blume .....	4	• <i>cauliflora</i> Becc. ....	4
• <i>consummata</i> Miers .....	7	• <i>cephalantha</i> Hayata .....	4
• <i>corymbosa</i> Blume .....	4	• <i>chingtungensis</i> H.S.Lo .....	4
• <i>discolor</i> Blume .....	7	• <i>cleomoides</i> Willd. ....	12
• <i>effusa</i> Miers .....	7	• <i>concinna</i> Miers .....	8
• <i>glaucescens</i> Decne. ....	7	• <i>corymbosa</i> (Blume) Walp. ....	4
• <i>hernandifolia</i> (Willd.) Wight & Arn. ....	7	• <i>crebra</i> Forman .....	4
• <i>meridiana</i> Miers .....	3	• <i>cyanantha</i> Welw. ex Hiern .....	4
• <i>oxyphylla</i> Miers .....	7	• <i>delavayi</i> Diels .....	5
• <i>subovata</i> Miers .....	7	• <i>dentifolia</i> H.S.Lo & M.Yang .....	5
• <i>venosa</i> Blume .....	11	• <i>dicentrinifera</i> H.S.Lo & M.Yang .....	5
• <i>wightii</i> Arn. ex Wight .....	12	• <i>dictyoneura</i> Diels .....	5
<i>COCCULUS</i> DC. ....	7	• <i>dielsiana</i> C.Y.Wu .....	5
• <i>finlaysonianus</i> Wall. ....	7	• <i>dinklagei</i> (Engl.) Diels .....	5
• <i>forsteri</i> DC. ....	7	var. <i>axillaris</i> Troupin .....	5
• <i>japonicus</i> (Thunb.) DC. ....	7, 8	• <i>disciflora</i> Hand.-Mazz. ....	4
• var. <i>timoriensis</i> DC. ....	7	• <i>discolor</i> (Blume) Spreng. ....	7
• <i>roxburghianus</i> auct. ....	10	var. <i>hernandifolia</i> (Willd.) Boerl. ....	7
• <i>roxburghianus</i> DC. ....	7	• <i>dolichopoda</i> Diels .....	5
<i>CYCLEA</i> Arn. ex Wight .....	2	• <i>ebracteata</i> S.Y.Zhao & H.S.Lo .....	5
<i>ECHINOSTEPHIA</i> (Diels) Domin .....	12	• <i>elegans</i> Hook.f. & Thomson .....	6
• <b><i>aculeata</i></b> (F.M.Bailey) Domin .....	12	• <i>elliptica</i> DC. ....	12
<i>HOMOCNEMIA</i> Miers .....	2	• <i>epigaea</i> H.S.Lo .....	6
• <i>meyeriana</i> Miers ex Harv. & Sond. ....	2	• <i>erecta</i> Craib .....	10
<i>ILEOCARPUS</i> Miers .....	2	• <i>excentrica</i> H.S.Lo .....	6
• <i>schimperi</i> Miers .....	2	• <i>exigua</i> Miers .....	8
<i>KOLOBOPETALUM</i> A.Chev. ....	5	• <i>fastuosa</i> Miers .....	3
• <i>tisserantii</i> A.Chev. ....	5	• <i>florulenta</i> Becc. ....	12
<i>MENISPERMUM</i> L. ....	2	• <b><i>formanii</i></b> Kundu & S. Guha .....	6
• <i>japonicum</i> Thunb. ....	7	• <i>forsteri</i> (DC.) A.Gray .....	7
• <i>schimperi</i> Hochst. ex Steud. ....	2	• <i>gaudichaudii</i> A.Gray .....	7
<i>PERICHASMA</i> Miers .....	1, 2	• <i>glabra</i> (Roxb.) Miers .....	10
• <b><i>laetificata</i></b> Miers .....	12	• <i>glandulifera</i> Miers .....	6
<i>STEPHANIA</i> Lour. ....	1, 2	• <i>glaucescens</i> (Decne.) Walp. ....	7
• <b><i>abyssinica</i></b> (Quart.-Dill. & A.Rich.) Walp. ....	2	• <i>gracilenta</i> Miers .....	6
• var. <i>abyssinica</i> .....	2	• <i>graciliflora</i> Yamam. ....	5
• var. <i>pilosa</i> Engl. ....	3	• <b><i>grandiflora</i></b> Forman .....	6
• var. <b><i>tomentella</i></b> (Oliv.) Diels .....	3	• <i>hainanensis</i> H.S.Lo & Y.Tsoong .....	6
• <i>aculeata</i> F.M.Bailey .....	12	• <i>hallieri</i> Diels .....	7
• <i>acuminatissima</i> (Blume) Spreng. ....	5	• <i>herbacea</i> Gagnep. ....	6
		• <i>hernandifolia</i> Walp. var. <i>discolor</i> (Blume) Miq. ....	7
		• <i>hernandifolia</i> (Willd.) Walp. ....	7
		var. <i>pubescens</i> Szyszyl. ....	3
		var. <i>tomentella</i> Oliv. ....	3
		• <i>hispidula</i> (Yamam.) Yamam. ....	8
		• <i>hypoglauca</i> Miers .....	7
		• <i>intermedia</i> H.S.Lo .....	6
		• <i>intertexta</i> Miers .....	7
		• <b><i>japonica</i></b> (Thunb.) Miers .....	7
		var. <i>discolor</i> (Blume) Forman .....	7
		var. <i>elegans</i> Kuntze .....	6

• var. <i>glabra</i> Kuntze .....	7	• <i>prapatensis</i> Yamam. ....	11
• var. <i>hispidula</i> Yamam. ....	8	• <i>psilophylla</i> (C.Presl) Forman .....	10
• var. <i>japonica</i> .....	7	• <i>ramosii</i> Merr. ....	4
• f. <i>parvifolia</i> Kuntze .....	8	• <i>ramuliflora</i> Miers .....	4
• var. <i>puberula</i> Kuntze .....	10	• <i>reticulata</i> Forman .....	10
• var. <i>timoriensis</i> (DC.) Forman .....	7	• <i>renifolia</i> Forman .....	10
• var. <i>timoriensis</i> (DC.) J.Florence .....	7	• <i>rotunda</i> auct. ....	6, 10, 11
• <i>kerrii</i> Craib .....	9	• var. <i>lapacaea</i> Gagnep. ....	10
• <i>kuinanensis</i> H.S.Lo & M.Yang .....	8	• <i>rotunda</i> Lour. ....	1, 2, 10
• <i>kwangsiensis</i> H.S.Lo .....	8	• <i>roxburghiana</i> Miers .....	7
• <i>laetifcata</i> Miers .....	12	• <i>sasakii</i> Hayata ex Yamam. ....	8
• <i>laevigata</i> Miers .....	2	• <i>schimperi</i> Hochst. ex A.Rich. ....	2
• <i>latifolia</i> Miers .....	7	• <i>sinica</i> Diels .....	10
• <i>lincangensis</i> H.S.Lo & M.Yang .....	8	• <i>salomonum</i> Diels .....	10
• <i>longa</i> Lour. ....	8	• <i>suberosa</i> Forman .....	10
• <i>longifolia</i> Becc. ....	4	• <i>subpeltata</i> H.S.Lo .....	11
• <i>longipes</i> H.S.Lo .....	8	• <i>succifera</i> H.S.Lo & Y.Tsoong .....	11
• <i>macrantha</i> H.S.Lo & M.Yang .....	8	• <i>sutchuenensis</i> H.S.Lo .....	11
• <i>mashanica</i> H.S.Lo & B.N.Chang .....	8	• <i>tetrandra</i> S.Moore .....	11
• <i>merrillii</i> Diels .....	8	• var. <i>glabra</i> Maxim. ....	4
• <i>meyeriana</i> (Harv. & Sond.) Harv. ....	3	• <i>tomentella</i> Forman .....	11
• <i>micrantha</i> H.S.Lo & M.Yang .....	9	• <i>truncata</i> Yamam. ....	4
• <i>mildbraedii</i> Diels .....	9	• <i>tuberosa</i> Forman .....	11
• <i>miyiensis</i> S.Y.Zhao & H.S.Lo .....	9	• <i>valvata</i> Forman .....	12
• <i>moluccana</i> Forman .....	9	• <i>venosa</i> (Blume) Spreng. ....	11
• <i>montana</i> Diels .....	9	• <i>viridiflavens</i> H.S.Lo & M.Yang .....	11
• <i>neoguineensis</i> Kundu & S.Guha .....	9	• <i>wightii</i> (Arn. ex Wight) Dunn .....	12
• <i>novenanthera</i> Heng C.Wang .....	9	• <i>yunnanensis</i> H.S.Lo .....	12
• <i>oblata</i> Craib .....	9	• var. <i>trichocalyx</i> H.S.Lo & M.Yang .....	12
• <i>obvia</i> Miers .....	4	• var. <i>yunnanensis</i> .....	12
• <i>officinarum</i> H.S.Lo & M.Yang .....	9	• <i>zippeiana</i> Miq. ....	12
• <i>pallidula</i> Miers .....	8		
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