

## NOTES ON TROPICAL ASIAN ASCLEPIADACEAE III

M. A. RAHMAN & C. C. WILCOCK

Department of Plant Science, University of Aberdeen, St. Machar Drive, Aberdeen AB9 2UD, U.K.

### SUMMARY

Three new combinations in the genera *Telosma* and *Oxystelma* are made. The full synonymy of *Oxystelma secamone* (L.) Karsten, *Bidaria indica* Rahman & Wilcock, and *Gongronema nepalense* (Wallich) Decne. is given, which results in some reductions, and a lectotype for the latter is proposed.

The genus *Telosma* Cov., a member of the tribe Marsdenieae (pollinaria erect), was published by Coville in U.S. Dept. Agric. Nat. Herb. 9 (1905) 384, where he clarified the position of the genus *Pergularia* of Linnaeus, a member of the tribe Cynancheae (pollinaria pendulous), and the species erroneously referred to this genus. Most of the species with erect pollinaria wrongly placed in *Pergularia* have been transferred to *Telosma* by several later workers, such as Craib [Kew Bull. (1911) 418], Merrill [Philipp. J. Sci. 7, Bot. (1912) 243 and *ibid.* 19 (1921) 372], Backer [Flora of Java 2 (1965) 273], and Kerr [Fl. Siam. 3 (1951) 32]. Two further non-*Pergularia* species (corona single and staminal; pollinaria erect) still need to be transferred to *Telosma*.

***Telosma celebica* (Warb.) Rahman & Wilcock, *comb. nov.***

*Pergularia celebica* Warb., Fedde Rep. 3 (1907) 347. — T y p e: Celebes, Minahassa, Sonder, Warburg 15855, n.v.

**Distribution.** Endemic in Celebes.

**Representative specimen.** East Celebes: Pagimana, Kaudern 458 (L).

***Telosma filipes* (Schlechter) Rahman & Wilcock, *comb. nov.***

*Pergularia filipes* Schlechter in Perkins, Fragm. Fl. Philipp. 1 (1904) 135. — T y p e: Central Luzon, Prov. Pampanga, Arayat, Warburg 13767, n.v.

**Distribution.** Philippines.

**Representative specimen.** Philippines: Island of Negros, Province of Negros oriental, Dumaguete (Curenose Mts), Elmer 10345 (L).

***Oxystelma secamone* (L.) Karsten var. *wallichii* (Wight) Rahman & Wilcock, *comb. nov.***

*Oxystelma wallichii* Wight, Contr. Bot. Ind. (1834) 54. — *Oxystelma esculentum* (L. f.) R. Br. ex Schultes var. *wallichii* (Wight) Cooke, Fl. Pres. Bombay 2 (1904) 153. — T y p e: India: banks of the Ganges, *Wallich Asclep. no 95a* (E; K-W, iso).

**D i s t r i b u t i o n.** India, Bangladesh, and Burma.

TAXONOMY

***Oxystelma secamone* (L.) Karsten**

*Oxystelma secamone* (L.) Karsten, Deut. Fl. (1883) 1031. — *Periploca secamone* L., Mant. Pl. 2 (1771) 216. — *Secamone Alpinus*, Hist. Natur. Aegypti 2 (1735) 62, t. 48. — *Secamone alpini* Schultes in R. & S., Syst. Veg. 6 (1820) 125. — *Oxystelma alpini* Decne. in DC., Prod. 8 (1844) 543. — *Oxystelma esculentum* (L.f.) var. *alpini* (Decne.) N.E. Br., Fl. Trop. Afr. 4 (1904) 382. — T y p e: Egypt, n.v..

*Periploca esculenta* L. f. Suppl. Pl. (1781) 168. — *Oxystelma esculentum* (L. f.) Smith in Rees, Cyclop. 1 (1813) 25. — *Oxystelma esculentum* (L.f.) R. Br. ex Schultes, Syst. Veg. 6 (1820) 89. — *Sarcostemma esculentum* (L.f.) Holm, Ann. Missouri Bot. Gard. 37 (1950) 482. — T y p e: Ind. Orient, *Koenig* in the Linnaean Herb. 307.7 (LINN).

*Asclepias rosea* Roxb., [Hort. Beng. (1814) 20, nom. nud.] Fl. Ind. ed. 2, 2 (1832) 40. — T y p e: Unknown.

**D i s t r i b u t i o n.** Tropical Africa, West Asia, Tropical Himalaya, Pakistan, India, Bangladesh, Burma, E to S China, and Malesia.

***Bidaria indica* Rahman & Wilcock**

*Bidaria indica* Rahman & Wilcock, Blumea 34 (1989) 99. — *Gymnema montanum* (Roxb.) Hook. f. var. *beddomei* Hook. f., Fl. Brit. India 4 (1883) 32. — T y p e: India, Anaimalai hills, alt. 5000 ft, *Beddome 278* (K).

*Gymnema montanum* (Roxb.) Hook. f. var. *pubiflora* Hook. f., Fl. Brit. India 4 (1883) 32. — T y p e: India, Nilgerry (Nilgiri) hills at Nedawullum, alt. 7000 ft, *Wight s.n.* (K).

**D i s t r i b u t i o n.** Endemic in India.

***Gongronema nepalense* (Wall.) Decne.**

*Gongronema nepalense* (Wall.) Decne. in DC., Prod. 8 (1844) 624. — *Gymnema nepalense* Wall., Tent. Fl. Nepal. 2 (1826) 50, t. 38. — T y p e: Nepal, *Wallich Cat. no 8192* (K-W, lectotype).

*Gymnema sagittatum* Wall., Tent. Fl. Nepal 2 (1826) 50. — *Gongronema sagittatum* (Wall.) Decne. in DC., Prod. 8 (1844) 624. — *Gongronema nepalense* var. *sagittatum* (Wall.) Hook. f., Fl. Brit. India 4 (1883) 33. — T y p e: [Bangladesh], Sillet (Sylhet), *Wallich Cat. no 8194* (K-W).

*Gongronema columnare* Wall. ex Wight, Contr. Bot. India (1834) 46. — T y p e: India, Hort. Bot. Calcutta, *Wallich Asclep. no 73b* (K).

**D i s t r i b u t i o n.** Eastern Himalaya, Nepal, India, Bangladesh, and Burma.

**N o t e.** A number of specimens collected by Wallich from Nepal appeared to be syntypes: *Wallich Asclep. no 73a* (CGE, E), *no 115b* (E), and *Wallich Cat. no 8192* (K-W). Therefore, a lectotype is proposed here for the first time.