

**A new record for Bhutan and Sikkim—*Yushania yadongensis* (Poaceae)**

Collections of this bamboo from W Bhutan were enumerated and illustrated (Stapleton, 1994a; 1994b) under *Yushania microphylla*, both species having completely hollow rhizomes and persistent blackening wax below culm nodes. Tibetan material of *Y. yadongensis* in Kunming (SWFC) was subsequently found to be closer. The leaf margin is not as strongly thickened as that of *Y. microphylla* from C and E Bhutan, and it also differs in the slightly scabrous, more striate culm internodes and slightly hairy nodes, less pubescent culm sheaths, absence of leaf sheath auricles, erect leaf sheath oral setae, sparser leaf sheath pubescence, and scarcer, more deciduous abaxial leaf hairs. Flowers of neither bamboo are known. Further collections are required to identify material from Nepal with hollow rhizomes also enumerated as *Y. microphylla* (Stapleton, 1994a).

The only other bamboo known to have been collected in the Chumbi Valley is *Thamnocalamus spathiflorus* (Yatung [Yadong], 16 June 1945 Bor & Ram 20115, K).

***Yushania yadongensis*** T. P. Yi, J. Bamboo Res., 4(2): 33 (1985). Type: Tibet, Yadong Xian, 19 v 1978, *Cidan Langjie 2* (herb. For. School of Sichuan Prov., n.v.).

Syn.: *Yushania longissima* T. P. Yi, J. Bamboo Res., 2(2): 46 (1983) *illeg. hom.*, non *Yushania longissima* K. F. Huang in Wuyi Sci. J. 2: 20 (1982). Type: as *Y. yadongensis*.

*Additional specimens:* BHUTAN. Thimphu, 2500m, 13 ix 1985, *Stapleton 403* (K, E); Thimphu Dist., Changkaphug, 3100m, 4 vii 1989, *Stapleton 821* (THIM); Thimphu Dist., Gidakom, 3010m, 30 vi 1989, *Stapleton 820* (THIM); Paro Dist., Shana, 2800m, 4 xi 1988, *Stapleton 801* (THIM). TIBET. Yadong, 2700m, 11 vii 1974, *Expedition Group Qinghai-Tibet 74-2233* (SWFC!). SIKKIM. Jongri, 12000ft, vii 1897, *Phul Sing* s.n. (K).

*Distribution:* Sikkim; Tibet (Chumbi Valley); W Bhutan.

*Acknowledgements*

The Sino-Himalayan Bamboo Project at Kew is funded by Mr S.T. Lee. Herbarium study in Yunnan was kindly arranged by Dr Li De-Zhu of Kunming Institute of Botany, and Mr Xue Jia-Rong of the South-West Forestry College, Kunming.

*References*

- STAPLETON, C. M. A. (1994a). The bamboos of Nepal and Bhutan Part II: *Arundinaria*, *Thamnocalamus*, *Borinda*, and *Yushania* (Gramineae: Poaceae, Bambusoideae). *Edinburgh J. Bot.* 51(2): 275–295.
- STAPLETON, C. M. A. (1994b). *Bamboos of Bhutan*. Royal Botanic Gardens Kew, for the Overseas Development Administration. 64pp.; 150 ill.
- C. M. A. STAPLETON: The Herbarium, Royal Botanic Gardens, Kew, Richmond, Surrey, TW9 3AB, UK. E-mail: c.stapleton@rbgkew.org.uk