

(IV)

CERTAIN NEW COMBINATIONS IN FLORA OF INDIA

During the studies on Family Polygonaceae under Flora of India Project, the following new combinations are being proposed after scrutiny of the relevant literature (Hooker, 1886, Munshi and Javeid, 1986; Wu Zhengyi *et al.*, 2003) scrutiny of the herbarium specimens housed in Indian Herbaria and field surveys. These combinations are proposed since genus *Polygonum* L. *sensu lato* is being maintained in Flora of India following Hooker (1886).

Polygonum L. (*s.l.*) is a genus of the Angiosperm family Polygonaceae with ca. 230 species distributed worldwide, mostly in temperate regions (*cf.* Li Anjen *et al.*, 2003). It is represented in India by 92 species and 51 varieties with in present political boundaries of India. Out of these, 14 species and one variety are put to different uses in India. Hooker (1886) described 90 species and 46 varieties of *Polygonum* from British Indian territory, out of which 68 species and 37 varieties were from present political boundaries of India. Gage (1903) made a census of Indian *Polygonums* which included 79 species, one sub-species and 20 varieties occurring in India, Afghanistan and Myanmar. He described 9 additional species not given in Flora of British India of which 2 species were new discoveries (*sp. nov.*).

There have been various opinions about placing the species and infra-specific taxa under different genera which have

created some confusion. Hence, *Polygonum s.l.* is being maintained in present work on Indian Polygonaceae. Accordingly, the following new combinations become necessary.

Polygonum pedunculare Wall. *ex.* Meissn. (1856) has been brought under synonymy of *Polygonum dichotomum* Bl. (1826) by Li Anjen *et al.* (2003) to which the present author also agrees and hence, the following new combinations are necessary :

1. ***Polygonum snobarii*** (Munshi *et* Javed) R.C. Srivastava *comb. nov.* *Persicaria snobarii* Munshi *et* Javeid, Polygon. Kashm. Himal. 73. 1986.
2. ***Polygonum pangianum*** (Pal & Maiti) R.C. Srivastava *comb. nov.* *Aconogonum pangianum* G.D. Pal & Maiti in Bull. Bot. Surv. India 26 (1-2): 95 -96.198.1985.
3. ***Polygonum dichotoma*** Bl. var. ***assamica*** (Hook .f.) R.C. Srivastava, *comb.nov.* *Polygonum pedunculare* Wall.*ex* Meisn., var. *assamica* Hook.f., Fl. Brit. India 5:48. 1886.
4. ***Polygonum dichotoma*** Bl. var. ***nilagirica*** (Hook.f.) R.C. Srivastava *comb. nov.* *Polygonum pedunculare* Wall. *ex* Meisn. var. *nilagirica* Hook.f., Fl. Brit. India 5:48.1886.

5. *Polygonum dichotoma* Bl. var. *robusta* (Hook.f.) R.C. Srivastava *comb. nov.* *Polygonum pedunculare* Wall. ex. Meisn. var. *robusta* Hook. f., Fl. Brit. India 5: 48. 1886.

Acknowledgements

Author is grateful to the Director, Botanical Survey of India, Kolkata for facilities.

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Munshi, A.H. and G.N. Javied (1986) *Systematic studies in Polygonaceae of Kashmir Himalaya*. Scientific Publishers, Jodhpur.
Wu Zhengyi, Peter H. Raven and Hong F Deyuan (2003). *Flora of China* Missouri Bot. Garden, St. Louis, Missouri, USA. 5: 277-350.

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