

BREMEKAMPPIA—A NEW GENERIC NAME

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The genus *Haplanthus* was described by Nees having *H. tener* as its type (Nees in Wall. Pl. As. Rar. 3: 115, 1832). He separated this genus from *Andrographis* on account of the subactinomorphic corolla and of the supposedly monothealous anthers. The anthers were later found to be dithecous, and T. Anderson treated *H. tener* as a species of *Andrographis* viz: *A. tenuiflora* T. And. (J. Linn. Soc. 9: 502, 1867). Bremekamp (1948) has discussed the nomenclature of this species and he has pointed out that the correct name for this species should be *A. laxiflora* (Bl.) Lindau. Retention of the generic name *Haplanthus* for those species which Nees and other authors had subsequently referred to it, and which differ markedly from *H. tener* Nees and the species of *Andrographis* is inadmissible according to Art. 48 of the Int. Code Bot. Nom. 1961. As the generic name *Haplanthus* cannot be conserved, a new name is necessary to accommodate the species now treated as species of *Haplanthus*. I propose the name *Bremekampia* in recognition of Dr. C. E. B. Bremekamp's contributions towards a better understanding of the family Acanthaceae.

Bremekampia Sreem. gen. nov.

Pertinet ad Acanthaceas, trib. Andrographideas, affineque est *Andrographidi* Nees, a qua tamen differt inflorescentia, pseudovercillata circumdata pluribus ramulis abortivis ad cladoidea reductis; corolla subactinomorpha obscure bilabiata; seminibus paulum lateraliter compressis et madidis quidem pilosis.

Herbae erectae vel reclinatae. *Folia* oppositae, petiolata, integra. *Flores* axillares pseudovercillati circumdati pluribus ramulis abortivis ad cladoidea reductis; verticilla dispersa per caulem et ramos vel aggregata in spicas terminales. *Bractae* et *bracteolae* parvae, lineari-lanceolatae, desinentes in apicem acutum, calycis lobis breviores. *Calyx* 5-partitus, lineari-lanceolatus, subaequalis. *Corolla* parva, tubulosa, subactinomorpha, obscure bilabiata, imbricata, labio superiore bifido, inferiore vero obscure trifido. *Stamina* bina, quam corolla breviora, sub faucem inserta; antherae bicellulares, cellulis aequalibus vel subaequalibus, conniventibus, subcohaerentibus, dorsifixis; connectivo piloso ad dorsum; polline granulati. *Ovarium* biloculare, ovulis 3-8 in singulis loculis; stylus gracilis; stigma lineare. *Capsula* anguste oblonga, ad apicem acuta, compressa, seminibus 6-16. *Semina* paulum lateraliter compressa, dense pilosa cum madida, pilis brevibus.

Typus: *Bremekampia verticillata* (Roxb.) Sreem. comb. nov. (*Justicia verticillata* Roxb. Fl. Ind. 1: 135, 1832).

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Belongs to Acanthaceae, tribe Andrographideae allied to *Andrographis* Nees but differs in having the flowers in axillary false whorls surrounded by numerous abortive branchlets reduced to cladodes; corolla subactinomorphous, obscurely 2-lipped and seeds slightly compressed laterally and hairy when moistened.

Erect or reclining *herbs*. *Leaves* opposite, petiolate, entire. *Flowers* in axillary false whorls surrounded by numerous abortive branchlets reduced to cladodes; whorls scattered along the stem and branches or collected in terminal spikes. *Bracts* and *bracteoles* small, linear-lanceolate, ending in sharp points, shorter than the calyx lobes. *Calyx* 5-partite, linear-lanceolate, subequal. *Corolla* small, tubular, subactinomorphous, obscurely 2-lipped, imbricate, upper lip 2-fid, lower obtusely 3-lobed. *Stamens* 2, shorter than the corolla, inserted below the throat; anthers 2-celled, cells equal or subequal, connivent, subcoherent, dorsifixes; connective hairy behind; pollen granular. *Ovary* 2-celled, ovules 3-8 in each cell; style slender; stigma linear. *Capsule* narrowly oblong, acute at apex, compressed at right angles to the septum, 6-16 seeded. *Seeds* slightly compressed laterally, densely hairy when moistened, hairs short.

Type: *Bremekampia verticillata* (Roxb.) Sreem. comb. nov. (*Justicia verticillata* Roxb. Fl. Ind. 1: 135, 1832).

The names of species of *Haplanthus* given in Indian Floras should be replaced by the following new combinations.

Bremekampia verticillata (Roxb.) Sreem. comb. nov.

Justicia verticillata Roxb. Fl. Ind. 1: 135, 1832; Graham, Cat. Pl. Bomb. 165, 1839. *Haplanthus verticillatus* (Roxb.) Nees in DC. Prod. 11: 513, 1847; Dalz. and Gibs. Bomb. Fl. 198, 1861; Clarke in Fl. Brit. India 4: 506, 1884; Cooke, Fl. Bomb. 2: 375, 1905; Gamble, Fl. Pres. Madr. 2: 1052, 1924 ("verticillaris"); Santapau, Bot. Mem. Univ. Bombay 2: 51, 1951; Rec. bot. Surv. India 16: 177, 1958 (Repr. ed.).

B. neilgherryensis (Wt.) Sreem. comb. nov. *Haplanthus neilgherryensis* Wt. Icones t. 1556, 1850; Gamble l.c.; Santapau l.c. 52 and 178; *H. tentaculatus* Nees var. *neilgherryensis* Clarke l.c. 507;

H. tentaculatus Nees l.c. *pro parte*; Cooke l.c. 376 *pro parte*.

B. tentaculata (Linn.) Sreem. comb. nov. var. *tentaculata*. *Ruellia tentaculata* Linn. Cent. Pl. 2 in Amoen. Acad. 4: 320, 1759; Willd. Sp. Pl. 3: 368, 1801. *Haplanthus tentaculatus* Nees l.c. *pro parte*; Clarke l.c.; Cooke l.c. *pro parte*; *H. tentaculatus* (Linn.) Nees var. *neesiana* Santapau l.c. 52.

B. tentaculata (Linn.) Sreem. var. *plumosa* (T. And.) Sreem. comb. nov. *Haplanthus plumosa* T. And. J. Linn. Soc. 9: 504, 1867; *H. tentaculatus* Nees var. *plumosa* (T. And.) Clarke l.c.; Santapau l.c. 53 and 178; *H. tentaculatus* Cooke l.c. *pro parte*.

DOUBTFUL SPECIES

T. Anderson (l.c. 503-4; Clarke l.c. 507) described a species which he called *H. ? Hygrophylloides* based on some specimens from Burma. He remarks: "It is with the greatest hesitation that I place this plant even provisionally in *Haplanthus*. The specimens I possess are very imperfect, so that

I have been able to examine only one flower. The plant is evidently an insignificant weed. I at first referred the species to *Hygrophila* but after examining the flower. I was induced to remove it to its present place." As I have not been able to examine materials of this species it is not possible to express an opinion at this stage.

ACKNOWLEDGEMENTS

I thank Rev. Fr. Dr. H. Santapau S.J., Director, Botanical Survey of India, Calcutta for the award of a Research Scholarship during the tenure of which this work was carried out and for translating the diagnosis into Latin; Dr. K. M. Sebastine, Regional Botanist, Botanical Survey of India, Southern Circle, Coimbatore for guidance and encouragement and Dr. C. E. B. Bremekamp, Utrecht, Netherlands for valuable suggestions.

LITERATURE CITED

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