

# FLORA OF BANGLADESH

No. 19

RUPPIACEAE

EDITOR  
MD. SALAR KHAN

June 1982

BY  
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&  
MAHBUBA HALIM

BANGLADESH NATIONAL HERBARIUM  
BANGLADESH AGRICULTURAL RESEARCH  
COUNCIL

# FLORA OF BANGLADESH

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RUPPIACEAE

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## RUPPIACEAE

Matiur Rahman and Mahbuba Halim

Submerged or floating herbs of fresh or brackish water. Stems filiform, branched. Leaves elongate, linear or setaceous, alternate or opposite, sheathing at the base. Inflorescence a terminal spike. Flowers bisexual, first enclosed by sheathing base on a short peduncle which usually elongates greatly after flowering, and is then straight or spirally twisted. Bracts and perianth absent. Stamens 2, opposite each other, filament short, broad, anthers extrorse with reniform loculi. Carpels 4-5, free, at length long-stipitate, unilocular, with solitary, pendulous ovule, stigma peltate or umbonate. Fruit of 4-5, stipitate, ovoid, obtuse or beaked achenes with spirally twisted stalks. Seeds without endosperm.

### Reference cited in the text:

Fedorov, A.A. 1969. *Chromosome numbers of flowering plants*. Academy of Sciences of U.S.S.R., Moscow.

### RUPPIA L.,

Sp. Pl. : 127 (1753).

*R. maritima* L., Sp. Pl. : 127 (1753). Subramanyam, *Aqua. Angio* : 96 (1962); *R. rostellata* Koch ex Reichenb., *Ic. Crit.* 2: 66, fig. 306 (1824); Hook. f., *Fl. Brit. Ind.* 6: 568 (1893); Prain, *Beng. Pl.*: 846 (1903), reprint (1963).

Submerged, slender, dichotomously branched, rhizomatous herbs. Leaves 3-6 × 0.1 cm, entire, stipular sheath up to 1 cm long. Peduncle of spike 2-3 mm long, elongating up to 1 cm after fertilization. Stamens 2, c. 1 mm long, opposite, filaments thick with 2 separate reniform anthers. Pistils 4-5, c. 0.5 mm long, elongating up to 1 mm after pollination, free, sessile, obovate-oblong, unilocular, with solitary ovule, stigma sessile, peltate.

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