

FLORA
OF
BANGLADESH

NO. 10

CERATOPHYLLACEAE

EDITOR

M. SALAR KHAN

July 1979

By

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And

Mahbuba Khanam

BANGLADESH NATIONAL HERBARIUM
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GOVT. OF THE PEOPLE'S REPUBLIC OF BANGLADESH

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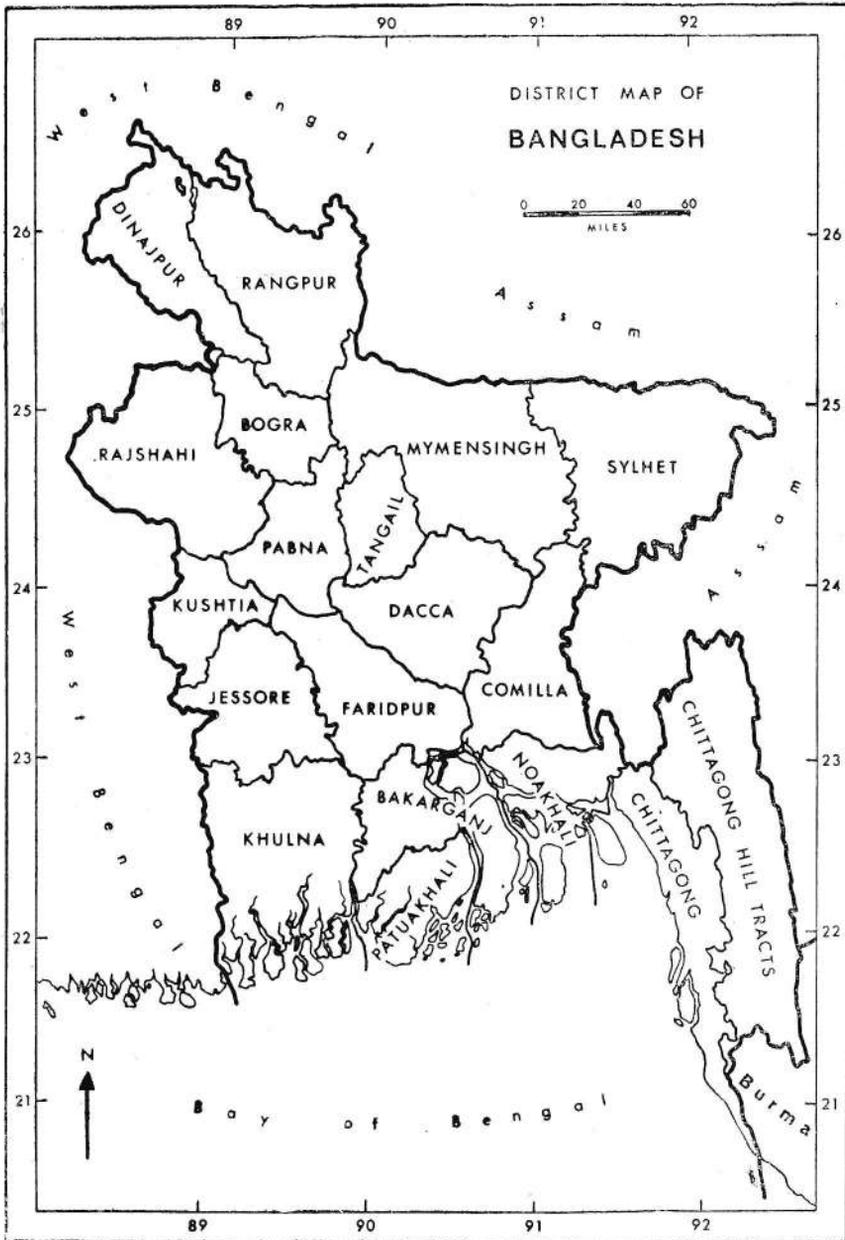
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Reprinted : June 2010

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CERATOPHYLLACEAE

M. S. Khan and Mahbuba Halim

Fragile, rootless, submerged, perennial aquatic herbs. Stem slender, branched. Leaves sessile, exstipulate, whorled, much crowded towards the apex, dichotomously cleft into filiform or linear segments with margin distantly serrulate to dentate. Plants monoecious. Flowers solitary, either axillary or terminal. Perianth of 6-15 narrow, subvalvate segments, each usually with two short spines at the top. Stamens 8-30, spirally arranged on more or less flat receptacle, filaments very short, anthers erect, extrorse, connective at the top truncate or 2-toothed. Gynoecium of a single pistil, ovary superior, 1-loculed, with one pendulous, anatropous ovule, the style slender and acute, stigma undifferentiated from style. Fruit a nut, terminated by the persistent style. Seed with large straight embryo and no endosperm.

References cited in the text

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

Van Steenis, C. G. G. J. (Dec. 1949). *Ceratophyllaceae*. Fl. Males. 1,4 : 41-42,

CERATOPHYLLUM L., Sp. Pl. : 992 (1753).

- | | |
|--|-----------|
| 1. Fruit ovate, with one apical and two basal spines | demersum |
| — Fruit oblong, with one apical spine only | submersum |

C. demersum L., Sp. Pl. : 992 (1753). Hook. f., Fl. Brit. Ind. 5 : 639 (1888); Prain, Beng. Pl. : 743 (1903),

LIST OF FAMILIES PUBLISHED

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Published by: Bangladesh National Herbarium
Ministry of Environment and Forest
Chiriakhana Road, Mirpur-1
Dhaka-1216, Bangladesh.

Price : Taka 
\$ 
£ 

Printed at: Bangladesh Government Press,
Tejgaon, Dhaka-1208, Bangladesh.