

FLORA OF BANGLADESH

NO. 7

RHIZOPHORACEAE

EDITOR

M. SALAR KHAN

January, 1978

By

M. Salar Khan

BANGLADESH NATIONAL HERBARIUM
MINISTRY OF ENVIRONMENT AND FOREST
GOVT. OF THE PEOPLE'S REPUBLIC OF BANGLADESH

**FLORA
OF
BANGLADESH**

NO. 7

RHIZOPHORACEAE

EDITOR

M. SALAR KHAN

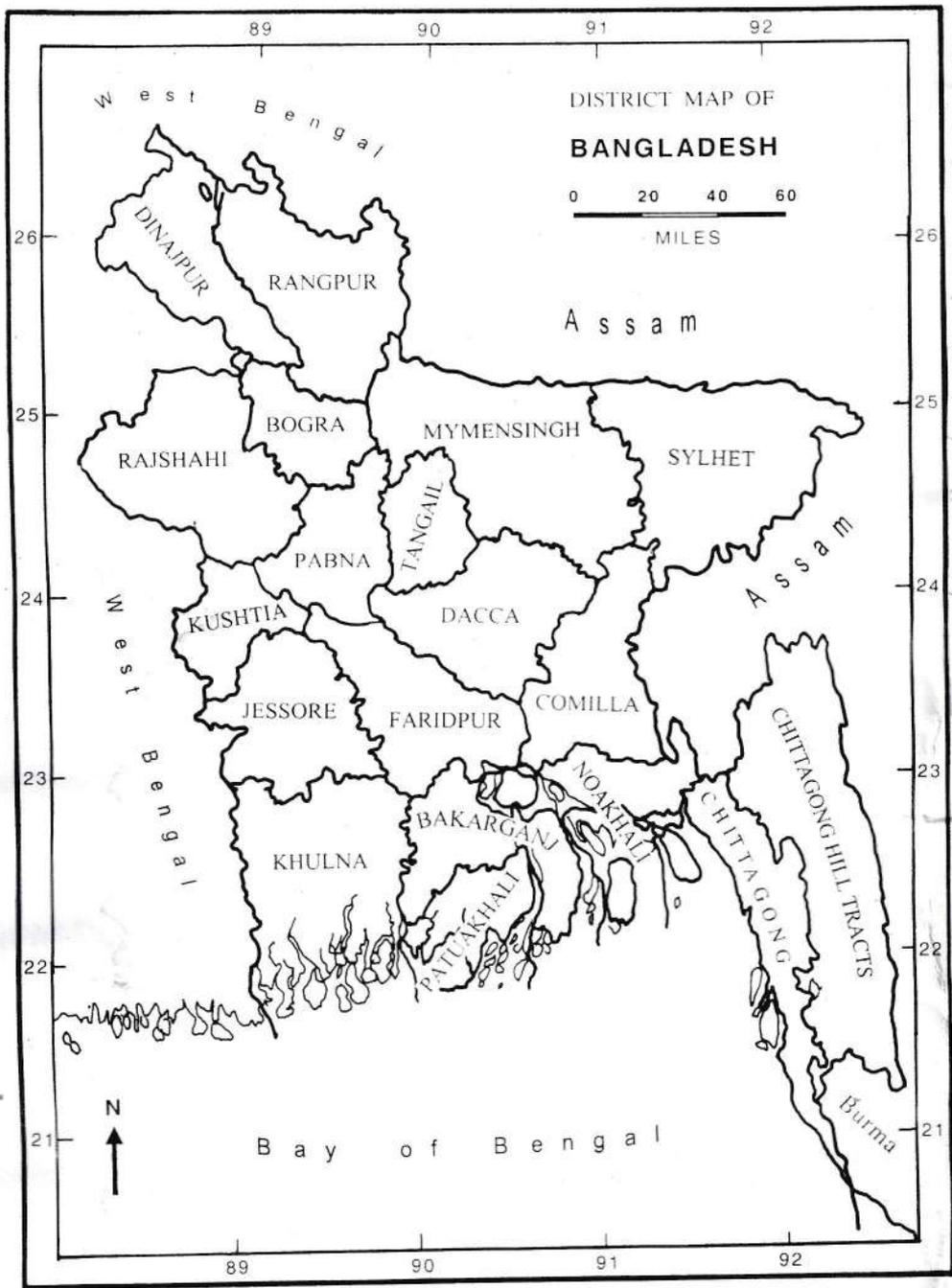
Department of Botany
University of Dacca

January, 1978
Reprinted : June 2009

By

M. Salar Khan

**BANGLADESH NATIONAL HERBARIUM
MINISTRY OF ENVIRONMENT AND FOREST
GOVT. OF THE PEOPLE'S REPUBLIC OF BANGLADESH**



RHIZOPHORACEAE

M. S. Khan

Trees or shrubs, mostly mangrove species with buttress roots, stilt roots or pneumatophores. Leaves simple, opposite, rarely alternate; stipules interpetiolar, caducous. Inflorescence axillary, usually of cymes, simple or branched, sometimes of racemes or fascicles, rarely flowers solitary. Flowers usually bisexual, rarely unisexual, plants being monoecious or polygamous. Calyx of 3-16 lobes, valvate, persistent; calyx tube adnate to the ovary or free. Corolla of free petals equal in number to the calyx lobes, usually caducous. Stamens usually twice the number of petals, one whorl alternating and the other opposite the petals, some times more numerous, free or connate at the base, adnate to the calyx tube or petals; anthers dorsifixed, dehiscing longitudinally or opening with a large ventral valve. Ovary 2-to 12-locular, rarely 1-locular by suppression of the septa, inferior, rarely semiinferior or superior; style simple; stigma simple or lobed or styles many, free, persistent; ovules 1 to indefinite in each locule, anatropous, pendulous on axile placenta or in a 1-celled ovary on columella like central placenta. Fruit a soft berry or a drupe or rarely a capsule. Seeds 1 to indefinite, pendulous, germinating viviparously in mangrove species.

Reference cited in the text

Patil, R. P. (1959). Mangrove Symposium, Calcutta: 48. Govt. of India, Ministry of Food and Agriculture.

1. Leaf apex acute, shortly acuminate or mucronate, if obtuse, then inland trees, not mangrove trees 2
- Leaf apex obtuse or slightly notched; all mangroves trees 4
2. Midrib extended into a short mucro; calyx lobes always 4; stilt roots large. Petals entire, anthers dehiscing by a large ventral valve **Rhizophora**
- Midrib not extended into a mucro although lamina sometimes shortly acuminate; calyx lobes 5-16; stilt roots small or absent 3
3. Calyx lobes 5-8, deltoid; petals glabrous, erose or fimbriate, each embracing 1 stamen. Inland trees **Carallia**
- Calyx lobes 8-16, subulate-lanceolate; petals fringed with white hairs on the margins, and sometimes also on the dorsal surface, each embracing 2 stamens. Mangrove trees **Bruguiera**

LIST OF FAMILIES PUBLISHED

	Flora No.
Basellaceae	2
Butomaceae	2
Caricaceae	1
Casuarinaceae	1
Commelinaceae	4
Flagellariaceae	3
Fumariaceae	3
Hydrophyllaceae	1
Martyniaceae	1
Moringaceae	2
Ochnaceae	3
Onagraceae	6
Pedaliaceae	2
Phytolaccaceae	1
Polemoniaceae	2
Rhizophoraceae	7
Sphenocleaceae	5
Tropaeolaceae	3
Turneraceae	3

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

Price : Taka 
 S 
 £ 

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