

FLORA OF BANGLADESH

No. 26

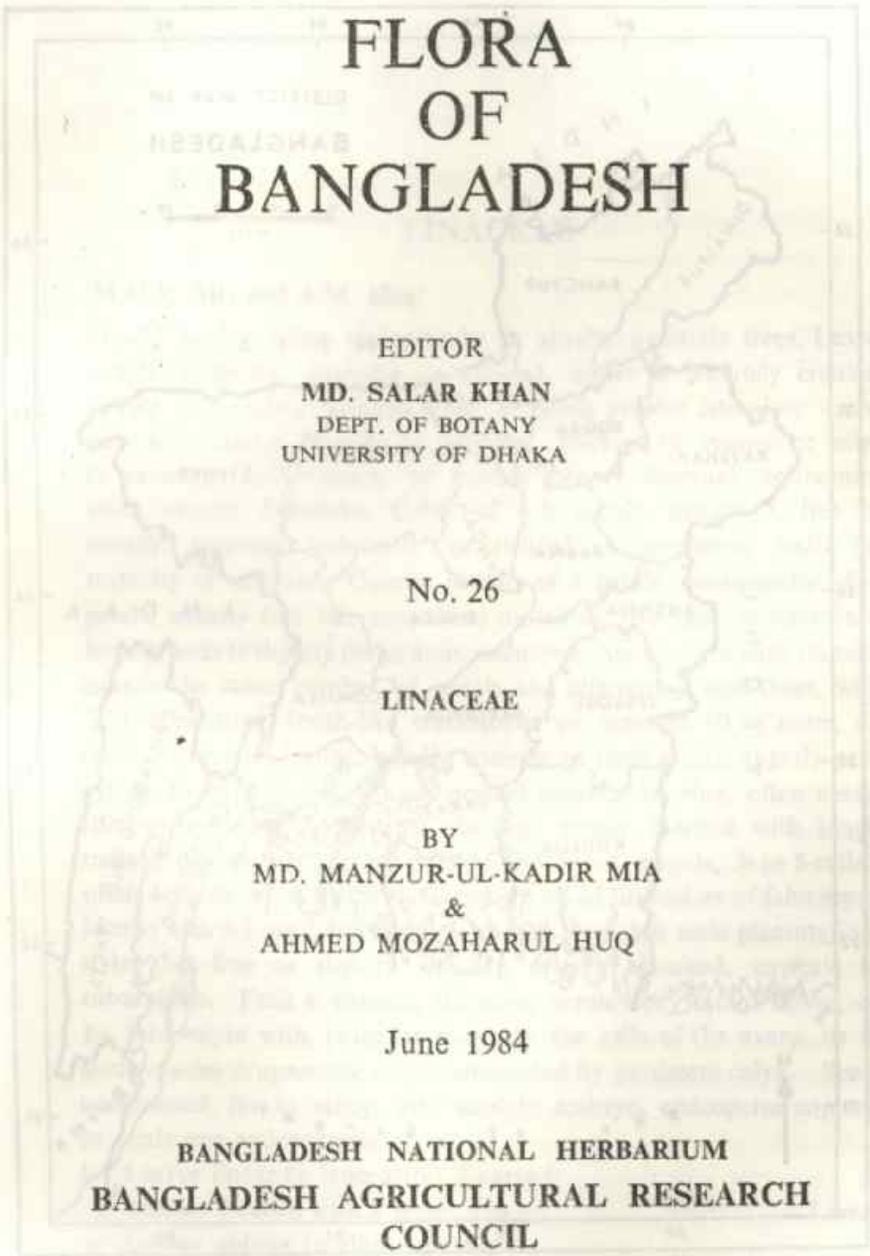
LINACEAE

EDITOR
MD. SALAR KHAN

June 1984

By
MD. MANZUR-UL-KADIR MIA
AND
AHMED MOZAHARUL HUQ

BANGLADESH NATIONAL HERBARIUM
BANGLADESH AGRICULTURAL RESEARCH
COUNCIL



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DEPT. OF BOTANY
UNIVERSITY OF DHAKA

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LINACEAE

M.M.K. Mia and A.M. Huq

Mostly herbs, often undershrubs to shrubs or rarely trees. Leaves simple, alternate, opposite or whorled, entire or minutely crenate-serrate to serrulate; stipules none or when present lateral or interpetiolar, venation pinnate or palmate. Flowers in cymose or often in racemose inflorescence or flowers solitary, bisexual, actinomorphic, usually 5-merous. Calyx of 4-5 sepals, usually 5, free or basally connate, imbricate, or twisted, \pm persistent until the maturity of capsule. Corolla usually of 5 petals, occasionally of 4 petals, usually free but sometimes united to the base or contorted, hypogynous to slightly perigynous, caducous. Androecium with stamens usually the same number of petals and alternating with them, with 5-10, alternating, tooth-like staminodes or stamens 10 or more, all fertile, filaments slender, basally connate to form a ring, slightly perigynous to hypogynous, glands present outside the ring, often nectariferous, entire or 2-lobed, or obsolete, anther 2-celled with longitudinal dehiscence. Gynoecium of 2-5 fused carpels, 3- to 5-celled, often 4- to 10-celled by the development of additional or of false septa, locules with 1-2 pendulous ovules in each locule on axile placentation; styles 2-5, free or slightly united; stigma terminal, capitate to subcapitate. Fruit a capsule, dehiscent septically into 2 valves, or by false septa with twice as many as the cells of the ovary, or in some species drupaceous, cocci surrounded by persistent calyx. Seeds compressed, few to many, with straight embryo, endosperm copious or seeds non endospermic.

1. Leaves linear to lanceolate; 3-nerved;
capsule 5-celled with 5 styles. Herbs.

Linum

— Leaves oblong to elliptic-ovate;
penninerved; capsule 3- to 4-celled
with the same number of styles. Undershrubs.

Reinwardtia

LIST OF FAMILIES PUBLISHED

- | | |
|----------------------|----------------------|
| 1. Averrhoaceae | 20. Ochnaceae |
| 2. Basellaceae | 21. Onagraceae |
| 3. Buddlejaceae | 22. Orobanchaceae |
| 4. Butomaceae | 23. Oxalidaceae |
| 5. Cannabidaceae | 24. Pedaliaceae |
| 6. Caricaceae | 25. Phytolaccaceae |
| 7. Casuarinaceae | 26. Polemoniaceae |
| 8. Ceratophyllaceae | 27. Pontederiaceae |
| 9. Commelinaceae | 28. Punicaceae |
| 10. Dichapetalaceae | 29. Rhizophoraceae |
| 11. Dipterocarpaceae | 30. Ruppiaceae |
| 12. Flagellariaceae | 31. Salicaceae |
| 13. Fumariaceae | 32. Sonneratiaceae |
| 14. Haloragaceae | 33. Sphenocleaceae |
| 15. Hydrophyllaceae | 34. Tropaeolaceae |
| 16. Martyniaceae | 35. Turneraceae |
| 17. Molluginaceae | 36. Zannichelliaceae |
| 18. Moringaceae | 37. Zygophyllaceae |
| 19. Nymphaeaceae | |

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