

# FLORA OF BANGLADESH

No. 31

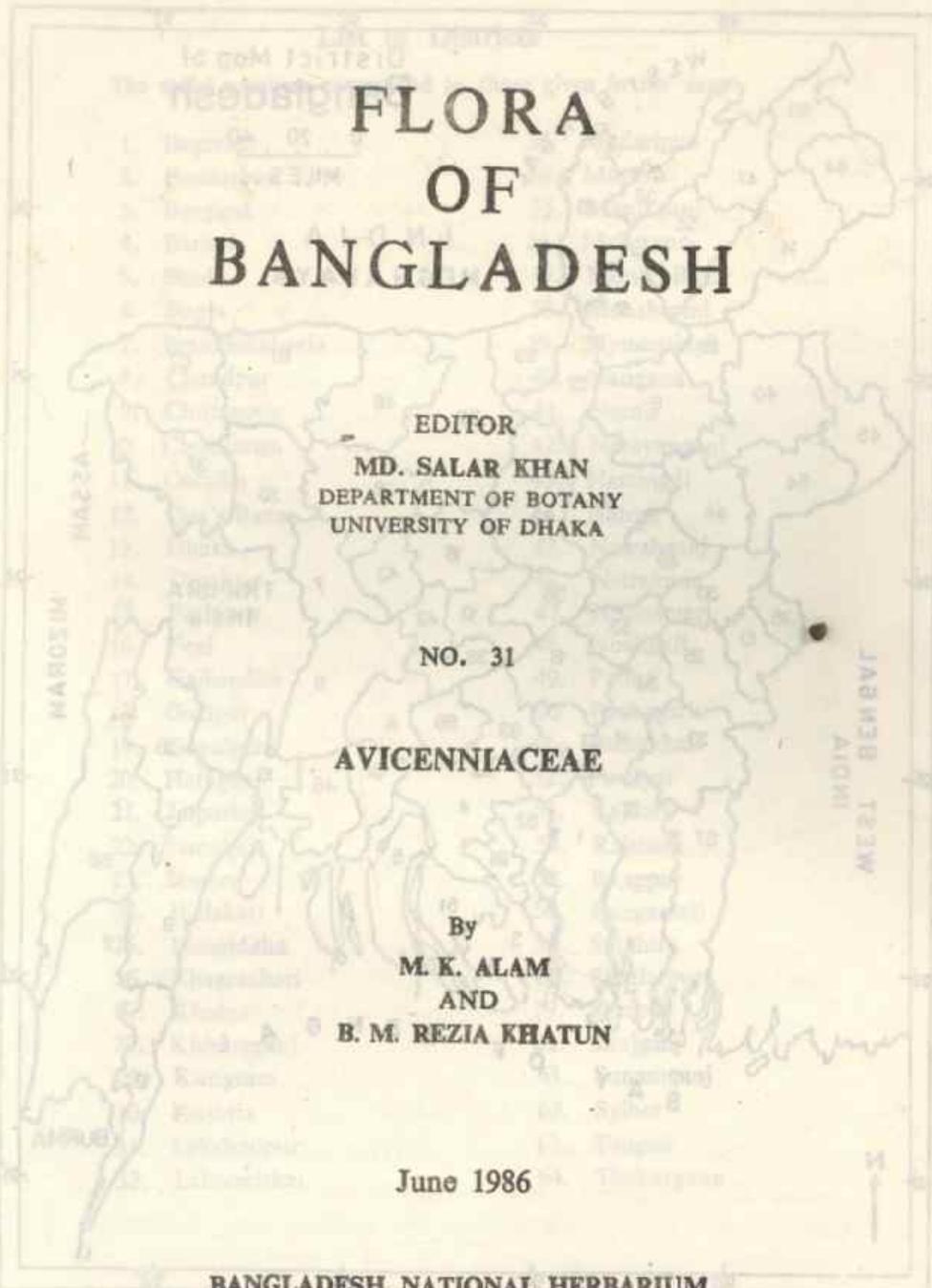
AVICENNIACEAE

EDITOR  
MD. SALAR KHAN

June 1986

BY  
M. K. ALAM  
AND  
B. M. REZIA KHATUN

BANGLADESH NATIONAL HERBARIUM  
BANGLADESH AGRICULTURAL RESEARCH  
COUNCIL



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DEPARTMENT OF BOTANY  
UNIVERSITY OF DHAKA

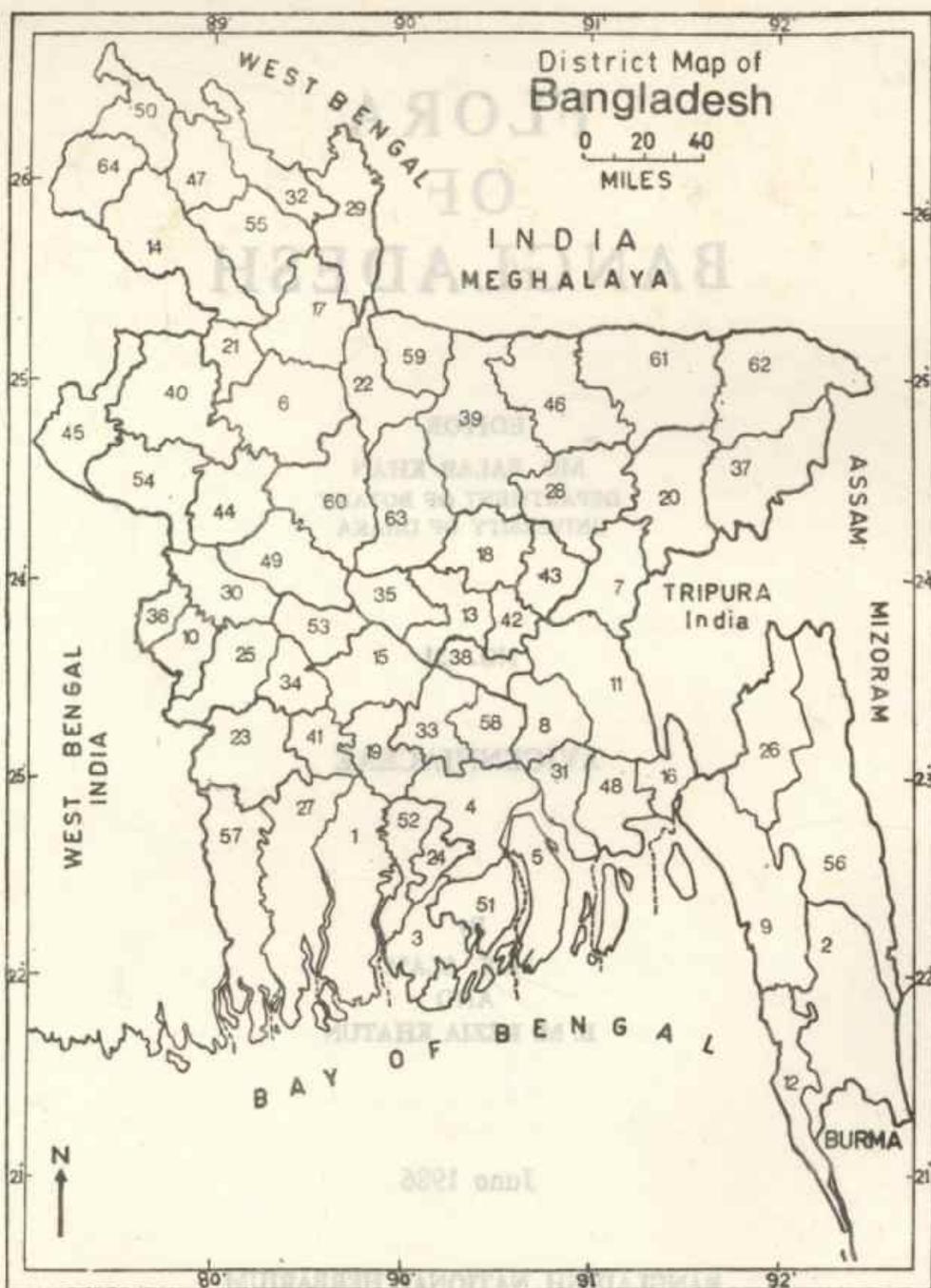
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## List of Districts

The serial numbers correspond to those given in the map.

- |                  |                  |
|------------------|------------------|
| 1. Bagerhat      | 33. Madaripur    |
| 2. Bandarban     | 34. Magura       |
| 3. Barguna       | 35. Manikganj    |
| 4. Barisal       | 36. Meherpur     |
| 5. Bhola         | 37. Moulvi Bazar |
| 6. Bogra         | 38. Munshiganj   |
| 7. Brahamanbaria | 39. Mymensingh   |
| 8. Chandpur      | 40. Naogaon      |
| 9. Chittagong    | 41. Narail       |
| 10. Chuadanga    | 42. Narayanganj  |
| 11. Comilla      | 43. Narsingdi    |
| 12. Cox's Bazar  | 44. Natore       |
| 13. Dhaka        | 45. Nawabganj    |
| 14. Dinajpur     | 46. Netrakona    |
| 15. Faridpur     | 47. Nilphamari   |
| 16. Feni         | 48. Noakhali     |
| 17. Gaibandha    | 49. Pabna        |
| 18. Gazipur      | 50. Pachagarh    |
| 19. Gopalganj    | 51. Patuakhali   |
| 20. Habiganj     | 52. Pirojpur     |
| 21. Jaipurhat    | 53. Rajbari      |
| 22. Jamalpur     | 54. Rajshahi     |
| 23. Jessore      | 55. Rangpur      |
| 24. Jhalakati    | 56. Rangamati    |
| 25. Jhenaidaha   | 57. Satkhira     |
| 26. Khagrachari  | 58. Shariatpur   |
| 27. Khulna       | 59. Sherpur      |
| 28. Kishoreganj  | 60. Sirajganj    |
| 29. Kurigram     | 61. Sunamganj    |
| 30. Kushtia      | 62. Sylhet       |
| 31. Lakshmipur   | 63. Tangail      |
| 32. Lalmonirhat  | 64. Thakurgaon   |

**AVICENNIACEAE****M.K. Alam and B.M. Rezia Khatun**

Evergreen shrubs or trees of maritime or estuarine saline regions. Branches, branchlets and twigs commonly terete. Leaves simple, petio- late, decussate, coriaceous, entire. Inflorescence axillary or terminal, spicate or subspicate. Flowers sessile, perfect, hypogynous. Calyx composed of 5 sepals, subtended by pseudo-involucre of scale-like bractlet and 2 alternate scale-like prophylla. Corolla actinomorphic, petals 4 (sometimes 5), gamopetalous, campanulate-rotate. Stamens 4, inserted at the throat of the corolla tube, equal or subdidyna- mous, exended during full anthesis. Gynoecium 2, united; ovary superior, sessile with a free central and often more or less 4-winged placenta; ovules 4, pendent, orthotropous, hanging from the tip of central columella. Fruit a compressed oblique capsule, dehiscent by 2 valves, regularly 1-seeded by abortion. Seeds without testa and endosperm, embryo viviparous or semiviviparous; radicle hairy, cotyledons 2, folded lengthwise.

**Reference cited in the text :**

Federov, A. A. 1969. *Chromosome numbers of flowering plants*. Academy of Sciences of USSR., Moscow.

**AVICENNIA L.,**

Sp. Pl. (ed.1. ): 110 (1753); Gen. Pl. (ed.5):49 (1754).

Shrubs or trees of littoral regions, mostly inhabiting the saline or brackish coastal mangrove swamps with abundant pencil-like, erect pneumatophores; branches prominently nodose, articulate.

## LIST OF FAMILIES PUBLISHED

- |                      |                      |
|----------------------|----------------------|
| 1. Averrhoaceae      | 23. Moringaceae      |
| 2. Avicenniaceae     | 24. Nymphaeaceae     |
| 3. Basellaceae       | 25. Ochnaceae        |
| 4. Buddlejaceae      | 26.. Onagraceae      |
| 5. Butomaceae        | 27. Orobanchaceae    |
| 6. Cannabidaceae     | 28. Oxalidaceae      |
| 7. Caricaceae        | 29. Pedaliaceae      |
| 8. Casuarinaceae     | 30. Phytolaccaceae   |
| 9. Ceratophyllaceae  | 31. Polemoniaceae    |
| 10. Commelinaceae    | 32. Pontederiaceae   |
| 11. Convolvulaceae   | 33. Punicaceae       |
| 12. Dichapetalaceae  | 34. Rhizophoraceae   |
| 13. Dipterocarpaceae | 35. Ruppiaceae       |
| 14. Flagellariaceae  | 36. Salicaceae       |
| 15. Fumariaceae      | 37. Sonneratiaceae   |
| 16. Haloragaceae     | 38. Sphenocleaceae   |
| 17. Hydrocharitaceae | 39. Trapaceae        |
| 18. Hydrophyllaceae  | 40. Tropaeolaceae    |
| 19. Juncaceae        | 41. Turneraceae      |
| 20. Linaceae         | 42. Zannichelliaceae |
| 21. Martyniaceae     | 43. Zygophyllaceae   |
| 22. Molluginaceae    |                      |

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