

# FLORA OF BANGLADESH

NO. 41

**STEMONACEAE**

EDITORS

**MD. SALAR KHAN**  
and  
**M. MATIUR RAHMAN**

June 1989

BY  
**A. M. HUQ**  
and  
**M. M. MIRZA**

**BANGLADESH NATIONAL HERBARIUM**  
BANGLADESH AGRICULTURAL RESEARCH  
COUNCIL

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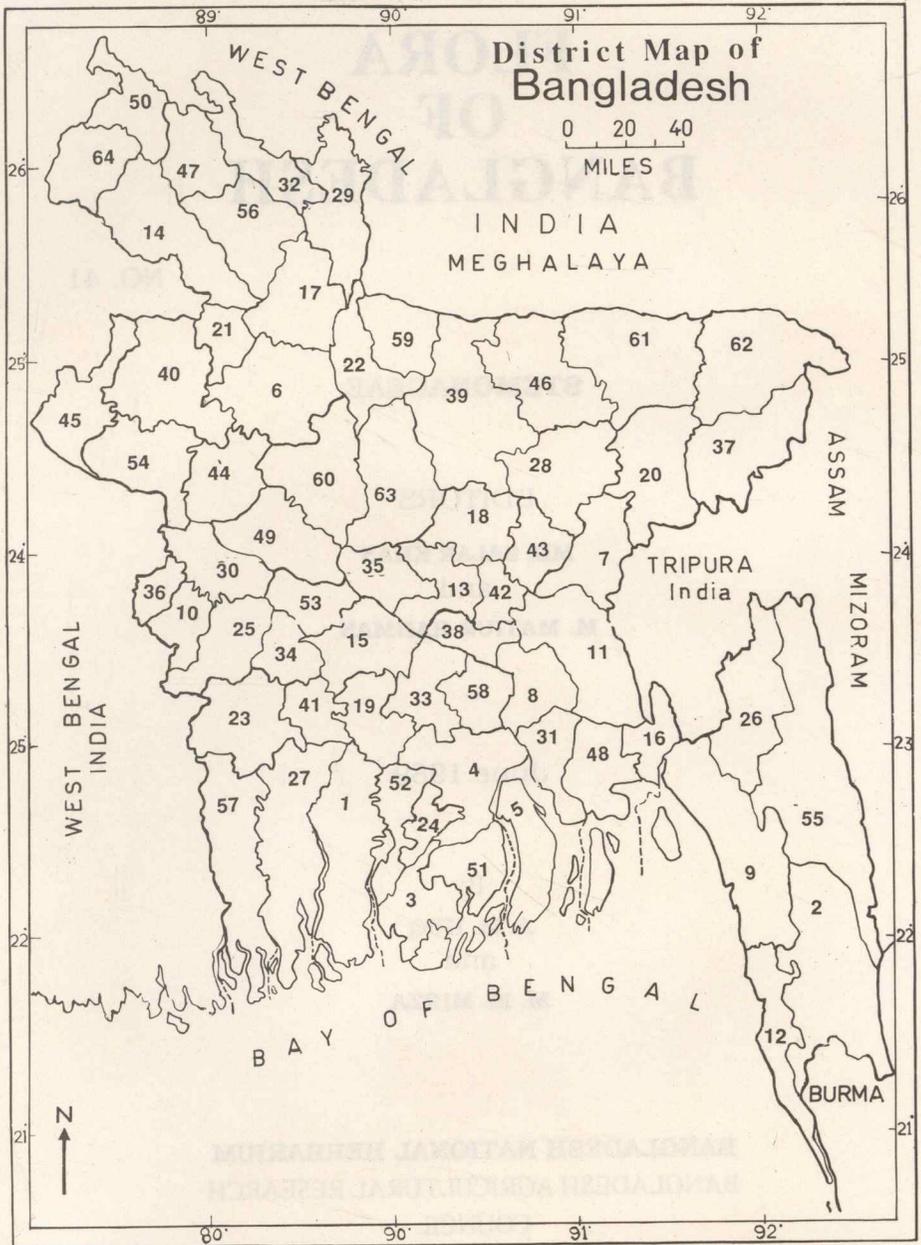
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## List of Districts

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. Rangamati    |
| 24. Jhalakati    | 56. Rangpur      |
| 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   |

## STEMONACEAE

### A. M. Huq and M. M. Mirza

Erect herbs with rhizome or climbing with short tuberous roots. Leaves simple, alternate, opposite or whorled, long or shortly petioled, cordate or cordate-lanceolate with prominent palmate nerves and close, transverse, parallel veins. Flowers on axillary peduncles or in racemes, regular, bisexual, hypogynous. Perianth with 4 segments in two whorls, free or rarely connate at base, subequal, imbricate. Stamens 4 at the base of the perianth lobes, free; anthers basifixed or dorsifixed, introrse, opening by slits, connective often produced beyond the anther lobes as appendage. Carpels united in a superior or semi inferior, 1-locular ovary; style simple or none; stigmas sessile; ovules 2 or more, erect to pendulous on free central or basal placenta. Fruit a 2-valved capsule, oblong with copious fleshy or horny endosperm, testa coriaceous.

### References cited in the text :

- Hooker, J. D. 1892. *Flora of British India* 6: 298. England.  
Prain, D. 1903. *Bengal Plants* : 803, Rep. ed. 1963. Calcutta.

### STEMONA Lour.,

Fl. Coch.: 404 (1790).

*S. tuberosa* Lour., Fl. Coch.: 490 (1790). Hook. f., Fl. Brit. Ind. 6: 298 (1892); Prain, Beng. Pl.: 803 (1903) rep. 1963; Mitra, Fl. Pl. East. Ind. 1: 51 (1958). Pl. I.

Roots tuberous, 15-30 cm long. Stem climbing, woody below. Leaves simple, opposite or whorled, lamina 12-24 cm long, cordate-ovate, long acuminate, shining, with many close parallel veins with transverse nerves between the main veins, petiole 3-5 cm long. Flowers upto 6 cm long, on erect peduncles, peduncle 3.5-4 cm long, usually bifid, bracts 1.5-2 cm long, lanceolate. Perianth segments 4, lanceolate, acuminate, greenish with many purplish nerves, the two outer 3.5-5.5 cm long, the inner two smaller, spreading or revolute.

## LIST OF FAMILIES PUBLISHED

- |                      |                      |
|----------------------|----------------------|
| 1. Aizoaceae         | 28. Molluginaceae    |
| 2. Avertrhoaceae     | 29. Moringaceae      |
| 3. Avicenniaceae     | 30. Nymphaeaceae     |
| 4. Basellaceae       | 31. Ochnaceae        |
| 5. Bixaceae          | 32. Onagraceae       |
| 6. Buddlejaceae      | 33. Orobanchaceae    |
| 7. Burmanniaceae     | 34. Oxalidaceae      |
| 8. Burseraceae       | 35. Pedaliaceae      |
| 9. Butomaceae        | 36. Peperomiaceae    |
| 10. Cannabidaceae    | 37. Phytolaccaceae   |
| 11. Caricaceae       | 38. Polemoniaceae    |
| 12. Casuarinaceae    | 39. Pontederiaceae   |
| 13. Ceratophyllaceae | 40. Potamogetonaceae |
| 14. Commelinaceae    | 41. Punicaceae       |
| 15. Convolvulaceae   | 42. Rhizophoraceae   |
| 16. Dichapetalaceae  | 43. Ruppiceae        |
| 17. Dipterocarpaceae | 44. Salicaceae       |
| 18. Elatinaceae      | 45. Sonneratiaceae   |
| 19. Flagellariaceae  | 46. Sphenocleaceae   |
| 20. Fumariaceae      | 47. Stemonaceae      |
| 21. Haloragaceae     | 48. Stylidiaceae     |
| 22. Hydrocharitaceae | 49. Trapaceae        |
| 23. Hydrophyllaceae  | 50. Tropaeolaceae    |
| 24. Juncaceae        | 51. Turneraceae      |
| 25. Linaceae         | 52. Zannichelliaceae |
| 26. Loranthaceae     | 53. Zygothylaceae    |
| 27. Martyniaceae     |                      |

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