

FLORA OF BANGLADESH

NO. 49

MENYANTHACEAE

EDITORS

M. SALAR KHAN
AND
M. MATIUR RAHMAN

June 1995

By

MAHBUBA KHANAM

BANGLADESH NATIONAL HERBARIUM
MINISTRY OF ENVIRONMENT AND FOREST
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FLORA
OF



INDIAN NATIONAL BIODIVERSITY AUTHORITY
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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. Maulvi 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. Panchagarh |
| 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 |

MENYANTHACEAE

Mahbuba Khanam

Perennials or annuals with rootstocks or horizontal creeping rhizomes. Leaves simple, alternate, linear to orbicular or trifoliolate, with sheathing petioles, exstipulate. Flowers solitary or in racemes, branched cymes or in dense heads or clusters, unisexual or bisexual, regular. Sepals 5, united at the base, persistent in fruit. Petals 5 or 4, yellow, white or pink. Stamens 5, united to the base of the corolla tube and alternate with the corolla lobes. Carpels 2, united, ovary superior. Fruit a capsule, dehiscent or somewhat fleshy and indehiscent.

NYMPHOIDES Seguiet,

Pl. Veron 3 : 121 (1754).

Floating or creeping aquatic perennial herbs. Leaves always alternate, often subopposite, cordate, elliptic or ovate, entire. Flowers clustered at the nodes on peduncle, white or yellow. Calyx 4-5. Corolla 4-5, petals ciliate, fimbriate or with a longitudinal fold down their middle. Stamens 4-5, epipetalous. Ovary 1-celled, superior, placentation parietal, stigma 2-lobed. Fruit a subindehiscent capsule, ellipsoid, ovoid or globose. Seeds many, discoid, tuberculate, reticulate or smooth, occasionally winged.

- | | |
|--|--------------------|
| 1. Stem with a single node; flowers white | 2 |
| — Stem with several nodes; flowers yellow | aurantiacum |
| 2. Stem rooting at the node; corolla lobes 5 | 3 |
| — Stem not rooting at the node; corolla lobes 4 | parvifolium |
| 3. Corolla lobes entire, with a longitudinal fold down the middle; seeds tuberculate | hydrophylla |
| — Corolla lobes fimbriate, densely papillose, without a fold down the middle; seeds smooth | indicum |

N. aurantiacum (Dalz.) O. Kuntze, Rev. Gen. Pl. 2 : 429 (1891). Subramanyam, Aqua. Angios. : 24 (1962); Khan & Halim, Aqua. Angios. Bangl. : 26 (1987); *Limnanthemum aurantiacum* Dalz., Kew Journ. 2 : 136 (1850); Clarke in Hook. f., Fl. Brit. Ind. 4 : 132 (1883); Prain, Beng. Pl. : 527 (1903), reprint (1963). Pl. 1.

Bengali : *Haldichandmalla*

A floating herb with elongate stems not rooting at the nodes, but with several nodes producing leaves and flowers. Leaves 4-7 x 3-6.5 cm, alternate, orbicular-ovate, rounded

LIST OF FAMILIES PUBLISHED

	Fl. No.		Fl. No.
Aizoaceae	34	Martyniaceae	1
Asclepiadaceae	48	Menyanthaceae	49
Averrhoaceae	18	Molluginaceae	17
Avicenniaceae	31	Moringaceae	2
Basellaceae	2	Nymphaeaceae	9
Bixaceae	35	Ochnaceae	3
Buddlejaceae	13	Onagraceae	6
Burmanniaceae	38	Orobanchaceae	21
Bursaceae	36	Oxalidaceae	15
Butomaceae	2	Pedaliaceae	2
Cannabidaceae	14	Peperomiaceae	37
Cariaceae	1	Periplocaceae	47
Cassythaceae	43	Plumbaginaceae	42
Casuarinaceae	1	Polemoniaceae	2
Ceratophyllaceae	10	Pontederiaceae	24
Commelinaceae	4	Potamogetonaceae	40
Convolvulaceae	30	Punicaceae	22
Costaceae	45	Rhizophoraceae	7
Dichapetalaceae	23	Ruppiaceae	19
Dipterocarpaceae	25	Salicaceae	20
Elatinaceae	39	Sonneratiaceae	12
Flagellariaceae	3	Sphenocleaceae	5
Fumariaceae	3	Stemonaceae	41
Haloragaceae	8	Stylidiaceae	32
Hydrocharitaceae	28	Trapaceae	27
Hydrocotylaceae	44	Tropaeofaceae	3
Hydrophyllaceae	1	Turneraceae	3
Juncaceae	29	Xyridaceae	46
Linaceae	26	Zannichelliaceae	11
Loranthaceae	33	Zygophyllaceae	16

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