

FLORA OF BANGLADESH

NO. 55

CUSCUTACEAE

EDITOR

M. MATIUR RAHMAN
And
MAHBUBA KHANAM

December 2003

By

M. SALAR KHAN
And
MAHBUBA KHANAM

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

FLORA OF BANGLADESH

NO. 55

CUSCUTACEAE

EDITORS

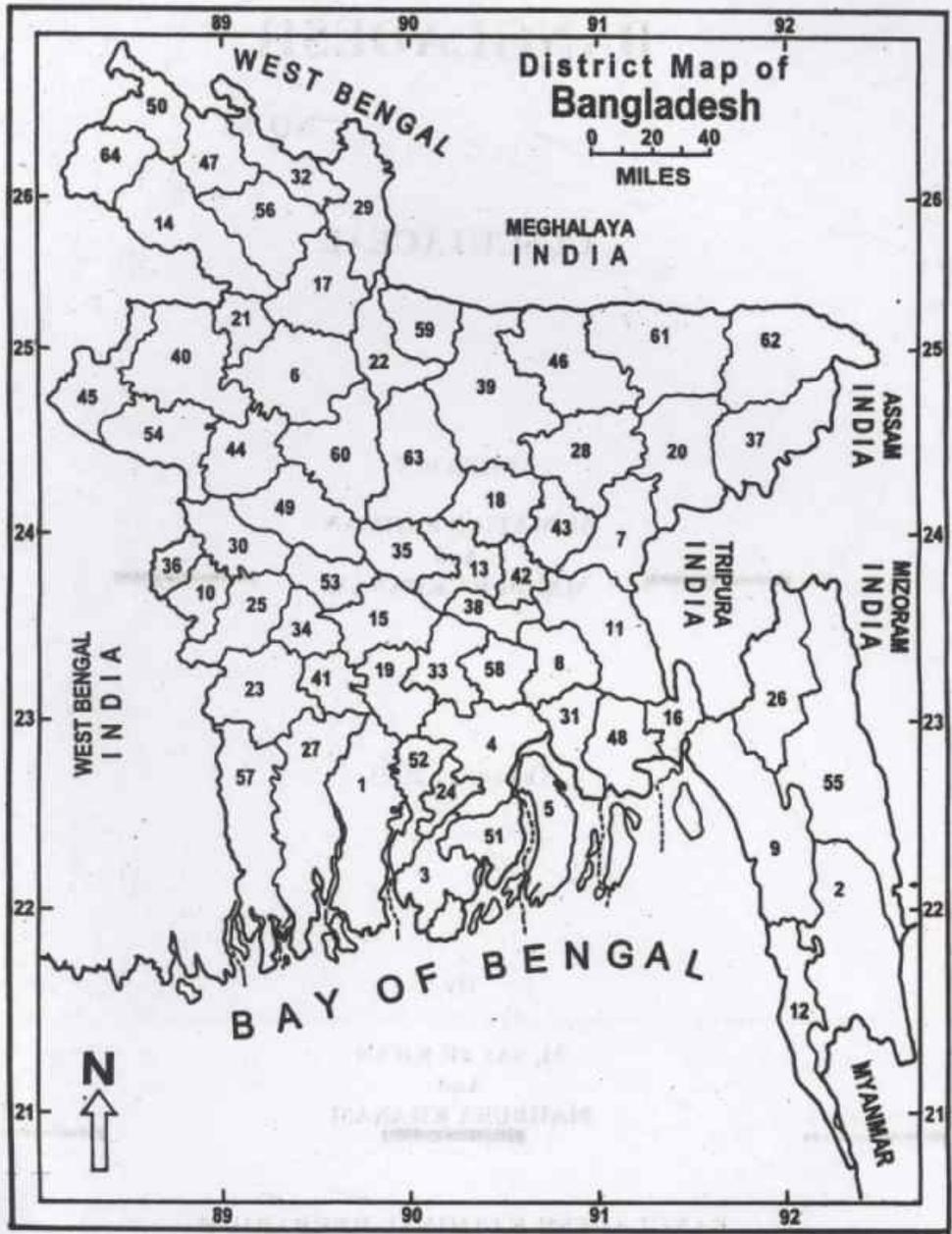
M. MATIUR RAHMAN
And
MAHBUBA KHANAM

December 2003

By

M. SALAR KHAN
And
MAHBUBA KHANAM

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



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. | Brahmanbaria | 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 |

CUSCUTACEAE

M. S. Khan and Mahbuba Khanam

Total parasites, rootless with thread-like herbaceous stems. Stem twining on woody or herbaceous host from which they obtain nourishment by means of haustoria. Leaves reduced to small, functionless scales. Flowers more or less cymosely clustered, mostly gamopetalous, stalked or sessile, ebracteate. Calyx lobes 4-5, imbricate. Corolla lobes 4-5, subglobose, imbricate. Stamens 4-5, epipetalous and inserted in throat of corolla, alternating with corolla lobes, scale-like, fimbriate or fringed, present in most of the species in base of corolla, alternate with stamens. Gynoecium 2, styles distinct or united, stigmas capitate, ovary 2-locular, sometimes incomplete, with 2 axile ovules per locule. Fruit a dry or fleshy capsule, dehiscing irregular or transverse.

Cuscuta [Tourn. Inst. Rei Herb. 1 : 652. Pl. 422 (1700)]

L., Sp. Pl. : 124 (1753).

Lectotype species : *C. europaea* L.

- | | | |
|----|--------------------------------|------------------------|
| 1. | Style one | reflexa |
| - | Styles two | 2 |
| 2. | Intrastylar opening present | chittagongensis |
| - | Intrastylar opening absent | 3 |
| 3. | Infrastaminal scales absent | hyalina |
| - | Infrastaminal scales present | 4 |
| 4. | Infrastaminal scales bifid | australis |
| - | Infrastaminal scales not bifid | 5 |
| 5. | Corolla campanulate | campestris |
| - | Corolla pitcher shaped | chinensis |

C. australis R. Br., Prod. : 491 (1810). Van Ooststroom in Van Steenis (ed.), Fl. Mal. Ser. 1, 4 (4): 392 (1953); Yuncker, Mem. Torrey Bot. Club: 124 (1932); Khan & Halim, J. As. Soc. Bang. 12(1 & 2): 115-117 (1986). Pl. I.

A herbaceous parasite with slender, twining, filiform, greenish-yellow stems. Leaves reduced to minute scales. Flowers c. 2.5 mm long, bisexual, hypogynous, arranged in compact cymose clusters. Pedicel c. 1 mm long. Calyx lobes 5, c. 1.5 mm long, deeply lobed, not overlapping, ovate, obtuse, persistent. Corolla lobes c. 2.5 mm

LIST OF FAMILIES PUBLISHED

	Fl. No.		Fl.No.
Aizoaceae	34	Martyniaceae	1
Annonaceae	52	Menispermaceae	51
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
Burseraeae	36	Oxalidaceae	15
Butomaceae	2	Pedaliaceae	2
Cannabidaceae	14	Peperomiaceae	37
Caricaceae	1	Periplocaceae	47
Cassythaceae	43	Phytolaccaceae	1
Casuarinaceae	1	Plumbaginaceae	42
Ceratophyllaceae	10	Polemoniaceae	2
Combretaceae	50	Pontederiaceae	24
Commelinaceae	4	Potamogetonaceae	40
Convolvulaceae	30	Punicaceae	22
Costaceae	45	Rhizophoraceae	7
Cuscutaceae	55	Ruppiaceae	19
Dichapetalaceae	23	Salicaceae	20
Dipterocarpaceae	25	Solanaceae	53
Elatinaceae	39	Sonneratiaceae	12
Flagellariaceae	3	Sphenocleaceae	5
Fumariaceae	3	Stemonaceae	41
Haloragaceae	8	Stylidiaceae	32
Hydrocharitaceae	28	Trapaceae	27
Hydrocotylaceae	44	Tropaeolaceae	3
Hydrophyllaceae	1	Turneraceae	3
Juncaceae	29	Xyridaceae	46
Linaceae	26	Zannichelliaceae	11
Loranthaceae	33	Zygophyllaceae	16
Malvaceae	54		

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

Price : Taka **100**
 S **100**
 £ **100**

Printed at : **Bangladesh Government Press,**
 Tejuon, Dhaka-1208, Bangladesh.