

FLORA OF BANGLADESH

NO. 79

CELASTRACEAE

EDITOR

SARDER NASIR UDDIN

June 2022

By

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AND

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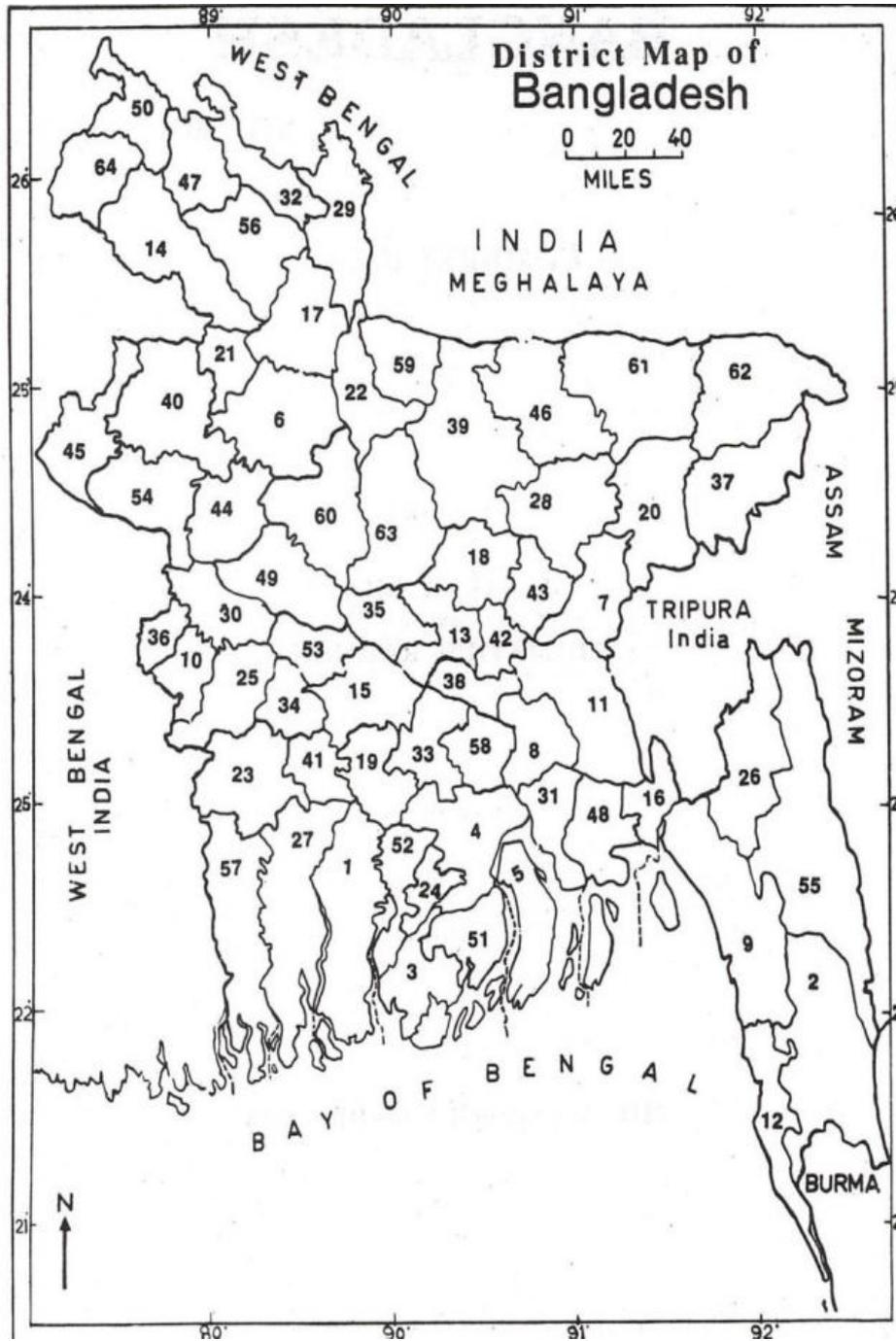
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(Fig. District Map of Bangladesh - 64 districts with Nos. 1, 2, 3.....)



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.	Barishal	36.	Meherpur
5.	Bhola	37.	Maulvi Bazar
6.	Bogura	38.	Munshiganj
7.	Brahamanbaria	39.	Mymensingh
8.	Chandpur	40.	Naogaon
9.	Chattogram	41.	Narail
10.	Chuadanga	42.	Narayanganj
11.	Cumilla	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.	Jashore	55.	Rangamati
24.	Jhalakati	56.	Rangpur
25.	Jhenaidaha	57.	Satkhira
26.	Khagrachhari	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

CELASTRACEAE R. Brown

Sarder Nasir Uddin and Mohammad Amdadul Hoque

Trees, erect or scandent shrubs or woody climbers. Stem sometimes producing rootlets (*Euonymus* spp.), rarely buttressed at the base (*Bhesa*), or with aerophores, sometimes thorny (*Maytenus* spp.), sometimes with elastic or resinous threads in the leaves, inflorescence, floral parts, fruits, branchlets, showing on fractures. Leaves simple, alternate, spiral, decussate or opposite, sometimes fascicled on short branchlets; blade laminar, margins entire, crenate, serrate, or dentate, venation pinnate, secondary veins reticulate, sometimes black-dotted beneath; stipules small, simple or lacinate, caducous or absent. Inflorescence axillary, terminal or ramiferous cymose, thyrsoïd, racemose, rarely paniculate or single-flowered. Flowers actinomorphic, bisexual or unisexual. Calyx 4- or 5-lobed, imbricate, rarely valvate, persistent, united at the base. Petals 4 or 5, imbricate, contorted, rarely valvate, free, caducous, sometimes persistent, upper surface smooth, fimbriate or fleshy papilla-like appendages. Stamens (2-) 3-5, rarely 8-10, alternate with the petals, filaments inserted on or within the disk, caducous or persistent, free or rarely connate at the base; anthers 2-celled, rarely 1-celled, ovoid, ellipsoid or subglobose, rarely reniform, basifixed or dorsifixed, longitudinally or laterally dehiscent, introrse, extrorse, or latrorse. Disk often conspicuous, annular, fleshy or membranous, flat or cupular, lobed or dentate. Ovary immersed in the disk, sometimes concealed, glabrous, sometimes pubescent or covered with papilla-like processes at the base, 3-5 celled or rarely multicelled, stylous or rarely hollowed at the top, stigmas simple or 2-3 lobed, ovules usually 2 in each cell, sometimes 1-18, anatropous or pendulous. Fruits loculicidally dehiscent capsules, schizocarp of 2-5 indehiscent mericarps, drupe, berry, or samara with a single surrounding wing, rarely an indehiscent capsule or nut with lateral style, pericarp bony, leathery, chartaceous, or fleshy, smooth, angular, deeply lobed, or connate, rarely chinate, laterally winged. Seeds 1-12, smooth or furrowed, albuminous or exalbuminous, sometimes winged, wing membranous, basal, exarillate or aril basal to completely enveloping seed, aril membranous, fleshy, rarely mucilaginous; cotyledons flat, foliaceous or thick, connate, germination epigeous.

A family of about 1194 species belonging to 97 genera (Jinshuang *et al.*, 2008), mainly distributed in the tropics and subtropics, some in temperate regions. In Bangladesh, the family is represented by 8 genera and 20 species.

References

Fedorov, A.A. 1969. Chromosome Numbers of Flowering Plants. Academy of Sciences of USSR, Moscow. p. 217.

LIST OF FAMILIES PUBLISHED

	Fl. No.		Fl. No.		Fl. No.
Acoraceae	67	Cuscutaceae	55	Pedaliaceae	2
Aizoaceae	34	Dichapetalaceae	23	Periplocaceae	47
Alangiaceae	68	Dilleniaceae	56	Phytolaccaceae	1
Annonaceae	52	Dipterocarpaceae	25	Plumbaginaceae	42
Araceae	75	Elatinaceae	39	Polemoniaceae	2
Aristolochiaceae	78	Flagellariaceae	3	Pontederiaceae	24
Asclepiadaceae	48	Fumariaceae	3	Potamogetonaceae	40
Averrhoaceae	18	Gesneriaceae	65	Punicaceae	22
Avicenniaceae	31	Haloragaceae	8	Rhamnaceae	61
Basellaceae	2	Hydrocharitaceae	28	Rhizophoraceae	7
Bignoniaceae	70	Hydrocotylaceae	44	Ruppiaceae	19
Bixaceae	35	Hydrophyllaceae	1	Sabiaceae	62
Boraginaceae	77	Juncaceae	29	Salicaceae	20
Bromeliaceae	74	Lamiaceae	58	Sapindaceae	59
Buddlejaceae	13	Linaceae	26	Solanaceae	53
Burmanniaceae	38	Lecythidaceae	60	Sonneratiaceae	12
Burseraceae	36	Loranthaceae	33	Sphenocleaceae	5
Butomaceae	2	Martyniaceae	1	Stemonaceae	41
Cannabidaceae	14	Malvaceae	54	Stylidiaceae	32
Cannaceae	73	Melastomaceae	76	Taccaceae	72
Capparaceae	57	Meliaceae	71	Tiliaceae	64
Caricaceae	1	Menispermaceae	51	Trapaceae	27
Cassythaceae	43	Menyanthaceae	49	Tropaeolaceae	3
Casuarinaceae	1	Molluginaceae	17	Turneraceae	3
Celastraceae	79	Moringaceae	2	Typhaceae	69
Ceratophyllaceae	10	Nymphaeaceae	9	Urticaceae	66
Combretaceae	50	Ochnaceae	3	Vitaceae	63
Commelinaceae	4	Onagraceae	6	Xyridaceae	46
Convolvulaceae	30	Orobanchaceae	21	Zannichelliaceae	11
Costaceae	45	Oxalidaceae	15	Zygophyllaceae	16

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