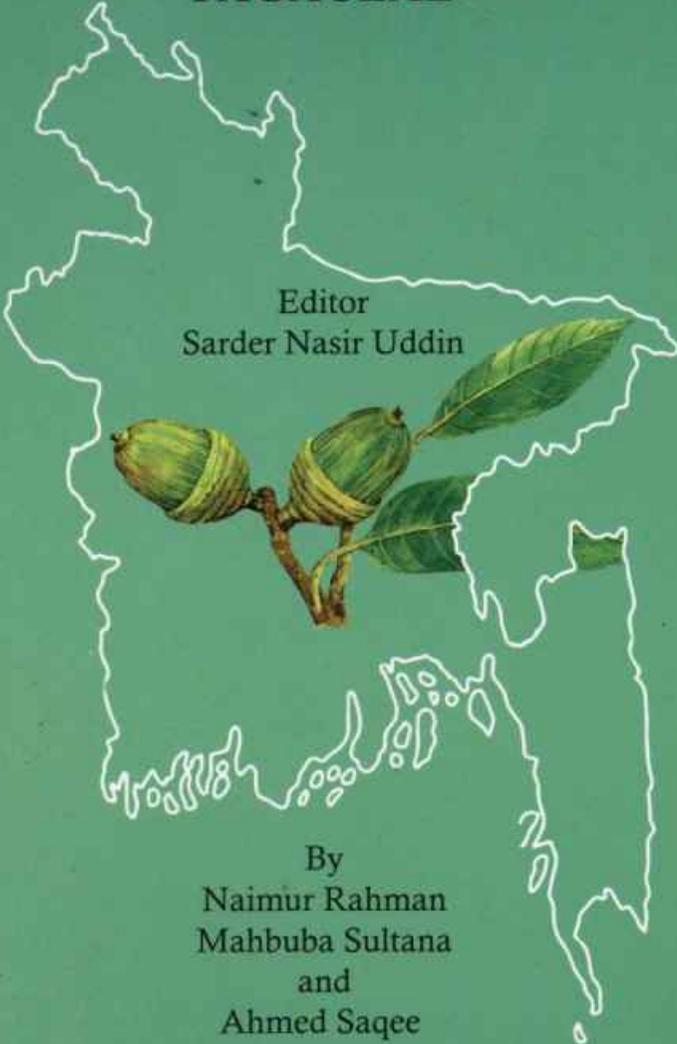


FLORA OF BANGLADESH

No. 82

FAGACEAE

June 2023



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Sarder Nasir Uddin

By
Naimur Rahman
Mahbuba Sultana
and
Ahmed Saqee

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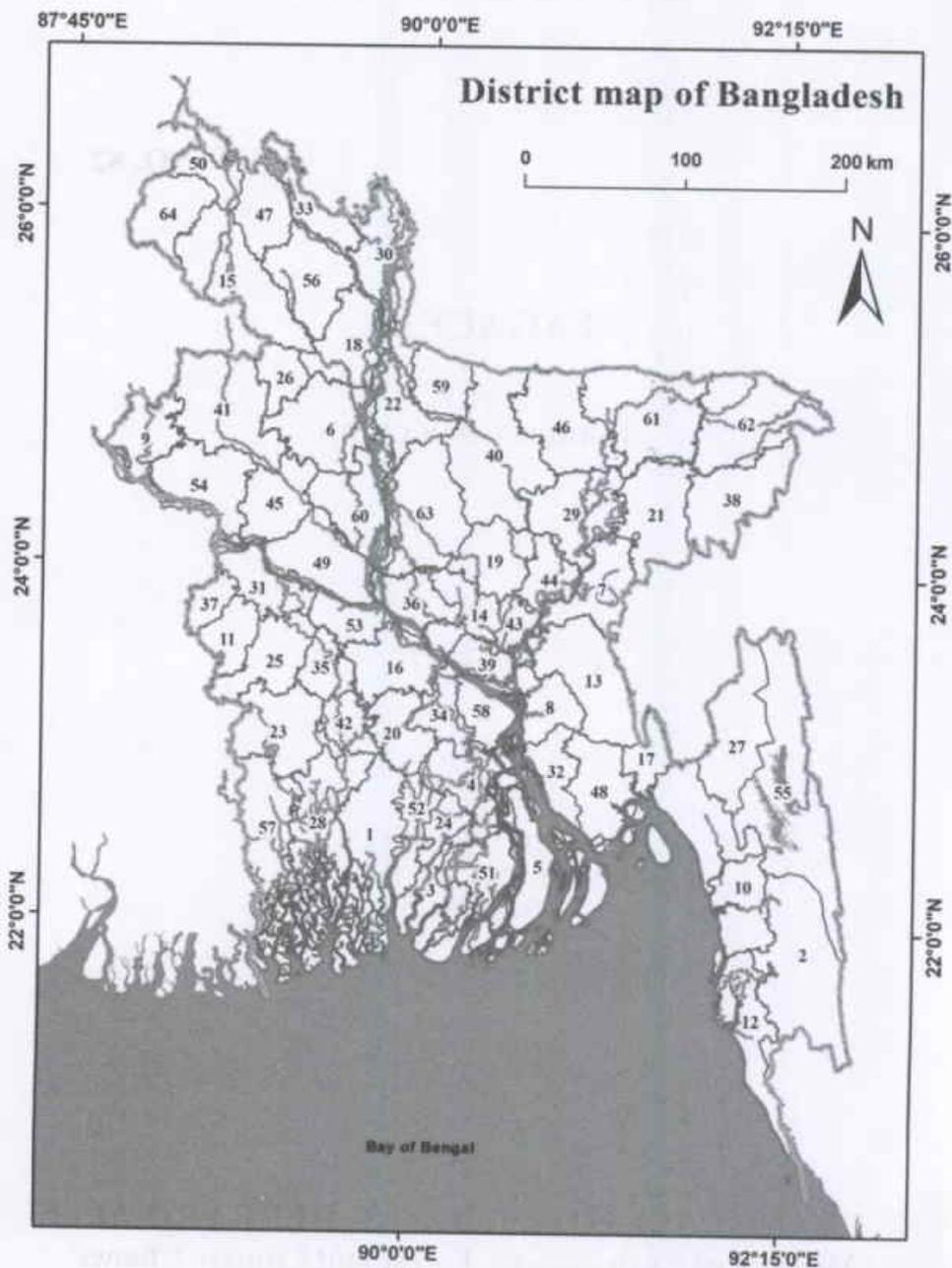
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REPUBLIC OF
BANGLADESH



List of Districts

The serial numbers correspond to those given in the map.

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

FAGACEAE Dumortier

Naimur Rahman, Mahbuba Sultana and Ahmed Saeed

Evergreen monoecious or deciduous trees, rarely shrubs, sometimes buttressed or with stilt-roots; growth mode flushwise, with perular buds. Hairs simple or stellate or fasciculate, rarely with resiniferous colleters, or scales on pits on the underside of the leaf. Leaves simple, spirally arranged, rarely in whorls of 3 or distichous, sometimes crowded near the top of each flush, penninerved, entire or rarely crenate or sinuate. Stipules present, caducous or rarely rather long persistent, rarely interpetiolar or peltately attached. Inflorescence a cyme or a simple or branched spike, bracteate, androgynous (female flowers borne on the lower part) or mixed. Flowers unisexual. Male flowers solitary or in dichasial clusters of 2-30 along the rachis, sessile or pedicelled; perianth campanulate or tubular, 6(-9)-lobed or irregularly incised; stamens (4-) 6-12(-90), filaments filiform, long exerted, free or rarely connate at the base; anthers linear to reniform, dorsifixed or basifixed, lengthwise dehiscent; pistillode absent or present, densely hairy. Female flowers sessile, solitary or in dichasial clusters of 2-15, surrounded by a cupule; perianth usually regularly 6-lobed, sometimes poorly developed; staminodes 6-12, or absent; styles as many as ovary cells, terete, rather short, conical or tongue-shaped; stigmas capitate, punctiform or covering the inner surface of the styles; ovary inferior, tricarpellate, 2-6(-9)-celled, usually hairy; ovules anatropous, 2-per celled, apical and collateral. Cupules solitary or in dichasial clusters, often woody, rarely reduced or absent, from saucer or cup-shaped to enclosing the fruit, indehiscent or splitting into 2-8 or more equal segments, rarely consisting of 2 free segments, variously muricate, spiny, squamose or with concentric or spiral lamellae, very rarely almost smooth. Fruit an indehiscent nut (achene), 1-3-celled, sometimes falsely multiseptate, rounded or sharply 2-3-angular. Seed one, exalbuminous; embryo large; cotyledons large, flat-convex, plicate or ruminant; germination epigeal or hypogeal.

The Fagaceae (from the Latin *fagus*, beech tree) are a family of flowering plants that includes beeches, chestnuts and oaks and comprises 8 genera with about 927 species (Christenhusz and Byng, 2016). The family Fagaceae is represented in Bangladesh by 3 genera and 25 species.

References

- Alam, M.K., 1988. Annotated check list of the woody flora of Sylhet Forests. Plant Taxonomy series, Bangladesh Forest Research Institute, Bulletin, 5: p. 1-153.
- Alam, M.K. 2009. *Fagaceae*. In: Ahmed, Z.U., Hassan, M.A., Begum, Z.N.T., Khondker, M., Kabir, S.M.H., Ahmad, M., Ahmed, A.T.A. (eds.). Encyclopedia of Flora and Fauna of Bangladesh, Vol. 8. Angiosperm: Dicotyledons (Fabaceae-Lythraceae). Asiatic Society of Bangladesh, Dhaka. pp. 209-219.

LIST OF FAMILIES PUBLISHED

	Fl. No.		Fl. No.		Fl. No.
Acoraceae	67	Dilleniaceae	56	Phytolaccaceae	1
Aizoaceae	34	Dipterocarpaceae	25	Plumbaginaceae	42
Alangiaceae	68	Elatinaceae	39	Polemoniaceae	2
Annonaceae	52	Fagaceae	82	Pontederiaceae	24
Araceae	75	Flagellariaceae	3	Potamogetonaceae	40
Aristolochiaceae	78	Fumariaceae	3	Punicaceae	22
Asclepiadaceae	48	Gesneriaceae	65	Rhamnaceae	61
Averrhoaceae	18	Haloragaceae	8	Rhizophoraceae	7
Avicenniaceae	31	Hydrocharitaceae	28	Ruppiaceae	19
Basellaceae	2	Hydrocotylaceae	44	Rutaceae	80
Bignoniaceae	70	Hydrophyllaceae	1	Sabiaceae	62
Bixaceae	35	Juncaceae	29	Salicaceae	20
Boraginaceae	77	Lamiaceae	58	Sapindaceae	59
Bromeliaceae	74	Linaceae	26	Solanaceae	53
Buddlejaceae	13	Lecythidaceae	60	Sonneratiaceae	12
Burmanniaceae	38	Loranthaceae	33	Sphenocleaceae	5
Bursereaceae	36	Martyniaceae	1	Stemonaceae	41
Butomaceae	2	Malvaceae	54	Sterculiaceae	81
Cannabidaceae	14	Melastomataceae	76	Stylidiaceae	32
Cannaceae	73	Meliaceae	71	Taccaceae	72
Capparaceae	57	Menispermaceae	51	Tiliaceae	64
Caricaceae	1	Menyanthaceae	49	Trapaceae	27
Cassythaceae	43	Molluginaceae	17	Tropaeolaceae	3
Casuarinaceae	1	Moringaceae	2	Turneraceae	3
Celastraceae	79	Nymphaeaceae	9	Typhaceae	69
Ceratophyllaceae	10	Ochnaceae	3	Urticaceae	66
Combretaceae	50	Onagraceae	6	Vitaceae	63
Commelinaceae	4	Orobanchaceae	21	Xyridaceae	46
Convolvulaceae	30	Oxalidaceae	15	Zannichelliaceae	11
Costaceae	45	Pedaliaceae	2	Zygophyllaceae	16
Cuscutaceae	55	Peperomiaceae	37		
Dichapetalaceae	23	Periplocaceae	47		

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