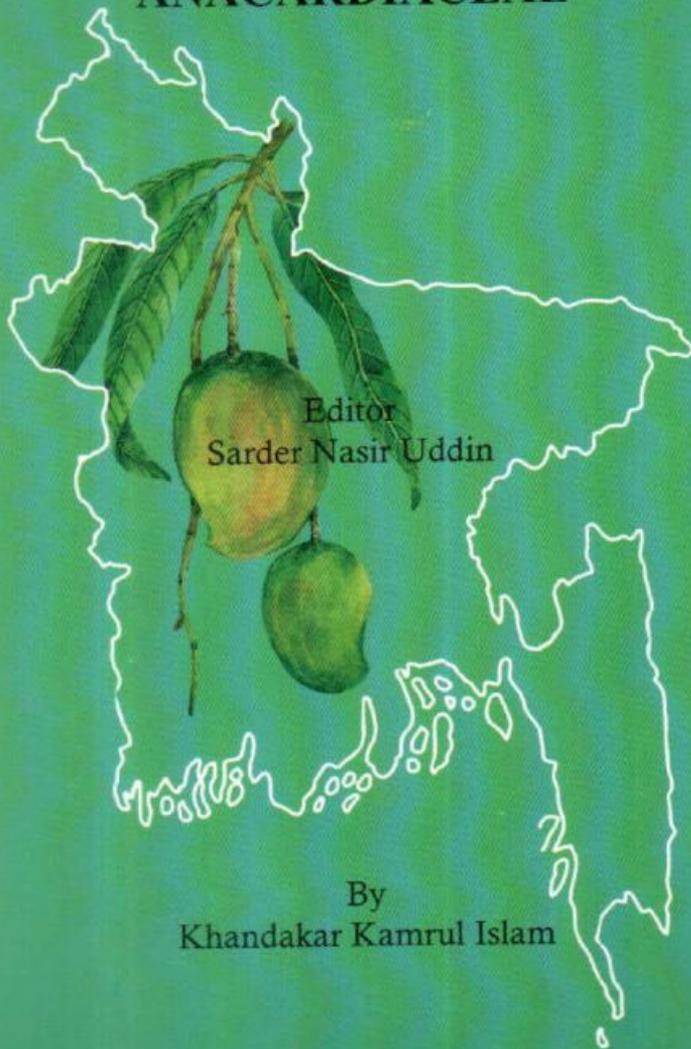


FLORA OF BANGLADESH

No. 83

ANACARDIACEAE

June 2023



BANGLADESH NATIONAL HERBARIUM
Ministry of Environment, Forest and Climate Change
Government of the People's Republic of Bangladesh

**FLORA OF
BANGLADESH**

NO. 83

ANACARDIACEAE

EDITOR

SARDER NASIR UDDIN

June 2023

By

KHANDAKAR KAMRUL ISLAM

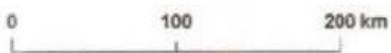
BANGLADESH NATIONAL HERBARIUM
Ministry of Environment, Forest and Climate Change
Government of the People's Republic of Bangladesh

87°45'0"E

90°0'0"E

92°15'0"E

District map of Bangladesh



26°0'0"N

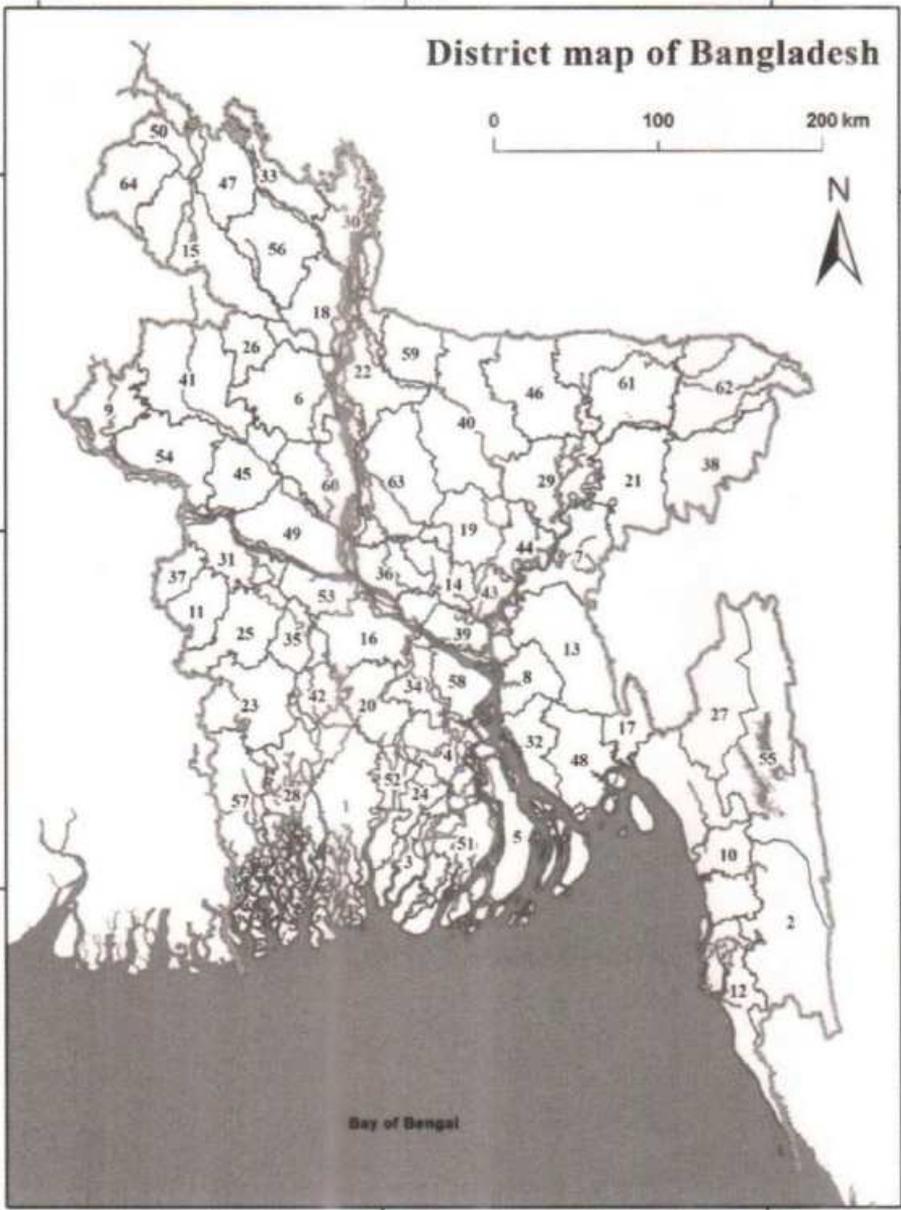
26°0'0"N

24°0'0"N

24°0'0"N

22°0'0"N

22°0'0"N



Bay of Bengal

90°0'0"E

92°15'0"E

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

ANACARDIACEAE R.Br.

Khandakar Kamrul Islam

Dioecious or monoecious, trees, shrubs, rarely woody climbers or perennial herbs. Bark and leaves resiniferous, acrid or milky juice, turpentine-smelling, blackening when wounded. Leaves simple, trifoliolate or imparipinnate, often clustered distally, alternate, rarely opposite, exstipulate or with vestigial stipules. Inflorescences axillary or terminal thyrses or panicles; bracts small or sometimes large, membranous, pedicellate. Flowers bisexual or unisexual, small, regular, 3-5-merous, receptacle sometimes elongate and barrel-shaped. Sepals 5, rarely 3 or 7, usually connate to base, rarely wholly connate, closed in bud, irregularly splitting at anthesis, valvate, caducous or persistent, rarely accrescent. Petals 3-5 (-7), separate or adnate basally, imbricate or valvate, deciduous to persistent, rarely absent. Stamens in 1 or 2 whorls, 5-10, rarely 1 or fewer or more to numerous, filaments slender, sometimes separate or basally connate, inserted on or beneath disc; anthers ovoid or oblong, introrse, dorsifixed or basifixed, longitudinally dehiscent, 2-celled with 4 pollen sacs, nectary disc present; pollen tricolporate or triporate. Disc usually fleshy, crenulate, stipe-shaped or 5-10-notched, circular, flattened, cupular or subcupular or lobed, rarely produced into a gynophore or obsolete. Carpel in male flower absent or rudimentary, in female or bisexual flowers (2-) 3-5 (-12), syncarpous (often 1, rarely 5 locules develop), rarely apocarpous, usually 1 fertile; ovary 1-5, free or united, superior or inferior, sometimes semi-inferior; ovule 1 in each locule, pendulous; styles 1-3, separate or connate, divergent; stigmas 1-5 (rarely more), capitate. Fruit usually a drupe or false drupe with 2-5 stones, dry or succulent, rarely indehiscent, sometimes borne on enlarged fleshy hypocarp or fused to membranous accrescent floral subtending bract; epicarp thin; mesocarp fleshy, fibrous and resinous; endocarp crustaceous to bony. Seed exalbuminous; cotyledons 2, plano-convex, embryo curved or straight, endosperm lacking.

About 77 genera and 600 species distributed mainly in tropical, subtropical, and temperate areas in the world, with the center of diversity in the Malesian region (Min and Barfod, 2008). In Bangladesh, this family is represented by 18 genera and 32 species (including 9 doubtful species and 4 genera).

References

- Ahmed, Z.U., Begum, Z.N.T., Hassan, M.A. Khondker, M., Kabir, S.M.H., Ahmad, M., Ahmed, A.T.A., Rahman, A.K.A. and Haque, E.U. (eds.). 2008. *Encyclopedia of Flora and Fauna of Bangladesh*, Vol. 6: *Angiosperms: Dicotyledons (Acanthaceae-Asteraceae)*. Asiatic Society of Bangladesh, Dhaka. pp. 105-121.

LIST OF FAMILIES PUBLISHED

	Fl. No.		Fl. No.		Fl. No.
Acoraceae	67	Dichapetalaceae	23	Periplocaceae	47
Aizoaceae	34	Dilleniaceae	56	Phytolaccaceae	1
Alangiaceae	68	Dipterocarpaceae	25	Plumbaginaceae	42
Anacardiaceae	83	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
Burseraceae	36	Martyniaceae	1	Stemonaceae	41
Butomaceae	2	Malvaceae	54	Sterculiaceae	81
Cannabidaceae	14	Melastomaceae	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	Omrageae	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		

© Bangladesh National Herbarium
Ministry of Environment, Forest and Climate Change

ISSN: 2960-2513

ISBN: 978-984-34-1053-5

Illustration: Mahmuda Akhter

Book Cover Design: Horendra Nath Ray

Price: Taka ████████
 USS ██████
 £ ████

Published by: **Bangladesh National Herbarium**
 Chiriakhana Road, Mirpur-1, Dhaka-1216, Bangladesh.
 Phone: +880258054802, E-mail: bnh_mirpur@yahoo.com

Printed at: SRL Printing Press, Babupura, Nilkhet, Dhaka-1205