

FLORA OF BANGLADESH

NO. 76

MELASTOMATACEAE

EDITOR
SARDER NASIR UDDIN

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By
SARDER NASIR UDDIN
AND
KHANDAKAR KAMRUL ISLAM

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LIST OF FAMILIES PUBLISHED

	Fl. No.		Fl. No.		Fl. No.
Acoraceae	67	Dilleniaceae	56	Periplocaceae	47
Aizoaceae	34	Dipterocarpaceae	25	Phytolaccaceae	1
Alangiaceae	68	Elatinaceae	39	Plumbaginaceae	42
Annonaceae	52	Flagellariaceae	3	Polemoniaceae	2
Araceae	75	Fumariaceae	3	Pontederiaceae	24
Asclepiadaceae	48	Gesneriaceae	65	Potamogetonaceae	40
Averrhoaceae	18	Haloragaceae	8	Punicaceae	22
Avicenniaceae	31	Hydrocharitaceae	28	Rhamnaceae	61
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Bignoniaceae	70	Hydrophyllaceae	1	Ruppiaceae	19
Bixaceae	35	Juncaceae	29	Sabiaceae	62
Bromeliaceae	74	amiaceae	58	Salicaceae	20
Buddlejaceae	13	naceae	26	Sapindaceae	59
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Burseraceae	36	Loranthaceae	33	Sonneratiaceae	12
Butomaceae	2	Martyniaceae	1	Sphenocleaceae	5
Cannabidaceae	14	Malvaceae	54	Stemonaceae	41
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Capparaceae	57	Meliaceae	71	Taccaceae	72
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Cassythaceae	43	Menyanthaceae	49	Trapaceae	27
Casuarinaceae	1	Molluginaceae	17	Tropaeolaceae	3
Ceratophyllaceae	10	Moringaceae	2	Turneraceae	3
Combretaceae	50	Nymphaeaceae	9	Typhaceae	69
Commelinaceae	4	Ochnaceae	3	Urticaceae	66
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Costaceae	45	Orobanchaceae	21	Xyridaceae	46
Cuscutaceae	55	Oxalidaceae	15	Zannichelliaceae	11
Dichapetalaceae	23	Pedaliaceae	2	Zygophyllaceae	16

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MELASTOMATACEAE A.L. de Jussieu

Sarder Nasir Uddin & Khandakar Kamrul Islam

Erect, climbing, or epiphytic herbs, shrubs or trees. Leaves simple, exstipulate, anisomorphic, usually opposite and decussate, rarely verticillate or alternate by abortion of one of a pair, usually 1-5 secondary veins on each side of midvein, originating at or near base and anastomosing apically, tertiary veins numerous, parallel or pinnate, and connecting secondary veins and midvein. Inflorescences umbellate, corymbose, paniculate or a cincinnus cymes, rarely single; bracts sometimes conspicuous and persistent. Flowers bisexual, actinomorphic but androecium slightly zygomorphic, usually 4 or 5-merous; perianth biseriate, perigynous; bracteoles opposite, caducous. Hypanthium campanulate, funnel-shaped, urceolate or cyathiform. Calyx lobes (3-)5(-6), valvate. Petals equal to number of sepals, imbricate. Stamens usually twice as many as petals, in 2 whorls, rarely as many as petals, isomorphic or dimorphic; filaments distinct, geniculate, inflexed in bud; anthers typically 2-celled, introrse, basifixed, dehiscent by 1 or 2 apical pores or by longitudinal slits; connective often variously appendaged. Pistil and style 1; stigma minute, capitate or truncate. Ovary inferior or semi-inferior, locules (3-) 4 or 5 (-6) with numerous anatropous ovules, rarely 1-loculed; placentation axillary, parietal or free central. Fruit a dry capsule or fleshy berry. Seeds curved through half a circle or wedge-shaped, or ovoid; endosperm absent.

The family consists of about 4500 species under 166 genera distributed primarily in tropical and subtropical regions of the World (Chen & Renner, 2007). In Bangladesh, the family is represented by 8 genera and 27 species.

References

- Brandis, D. 1906. Indian Trees (second rep. 1978). Bishen Singh Mahendra Pal Singh, Dehra Dun, India. p-335.