

**FLORA
OF
BANGLADESH**

NO. 65

GESNERIACEAE

EDITORS

HOSNE ARA
And
BUSHRA KHAN

June 2016

By

SARDER NASIR UDDIN

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

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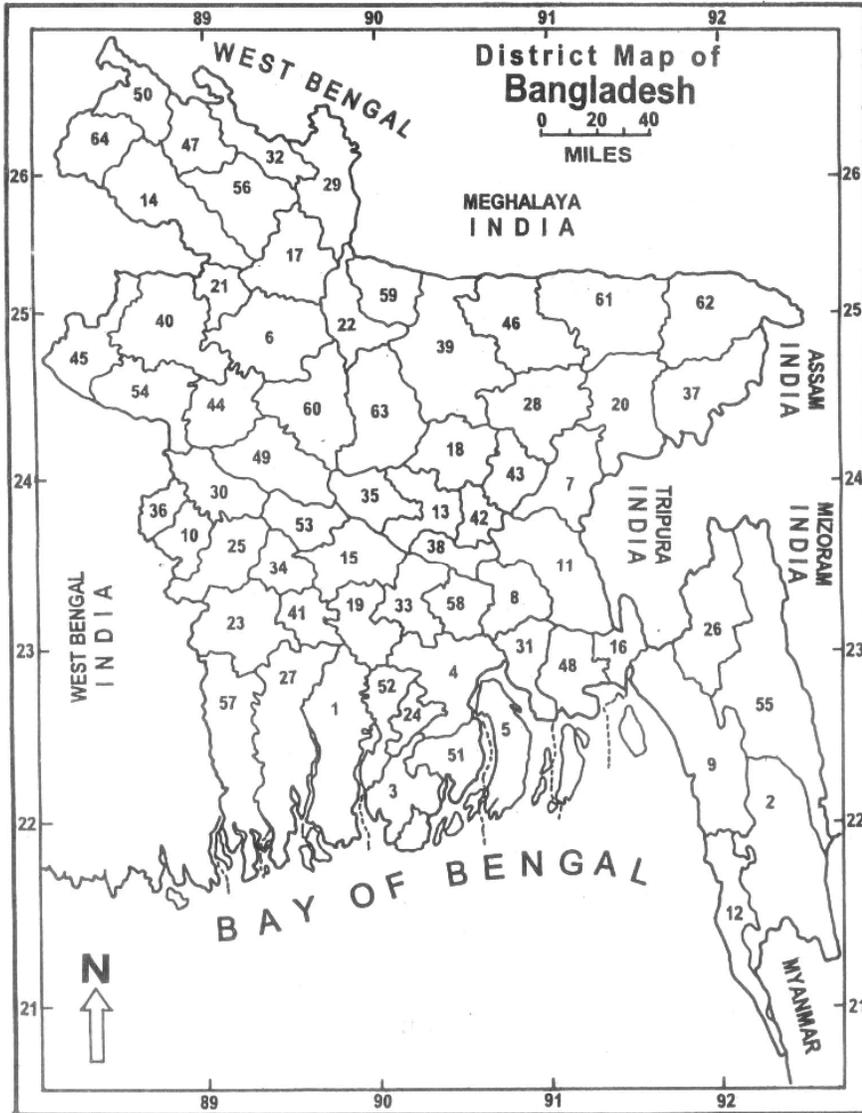
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List of Districts

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

GESNERIACEAE Dumort.

Sarder Nasir Uddin

Acaulescent or caulescent herbs, shrubs, occasionally epiphytes or rarely trees. Leaves simple, usually opposite, or rarely alternate or whorled or basal, rosette forming, those of a pair equal or unequal, plants sometimes with one leaf, entire or dentate, rarely shallowly to deeply lobed, pinnately or rarely palmately veined; exstipulate. Inflorescence usually axillary or terminal, simple or compound, dichasial cymes, rarely racemose, subcapitate or solitary flowers, bracts small or absent; usually pedunculate. Flowers large and showy, hermaphrodite, often protandrous, zygomorphic or rarely actinomorphic, sometimes cleistogamous with reduced corolla. Calyx (4 or) 5-lobed or divided to the base. Corolla 5-(rarely 4) merous, gamopetalous, with a distinct tube, limb often 2-lipped, lobes imbricate, adaxial pair usually interior. Stamens 2 or 4, rarely 5, inserted on the corolla tube, anthers free or coherent, thecae 2, parallel, divergent, or divaricate, staminodes 1-3 or absent. Disk annular or cupular, rarely absent. Ovary superior, 1-celled with 2 parietal bilamellate placentae, usually inrolled, styles simple, stigmas simple or variously lobed, ovules numerous, anatropous. Fruits often a linear capsule, splitting loculicidally, valves straight or twisted, rarely a berry, indehiscent. Seeds numerous, fusiform to ellipsoid or ovoid, minute, sometimes hair-like appendages at either end, with or without endosperm; embryo straight, cotyledons equal or unequal after germination.

A family of over 3000 species belonging to 133 genera, mainly pantropical in distribution with only a few species in temperate region (Wang *et al.*, 1998). In Bangladesh, the family is represented by 11 genera and 28 species.

References

- Fedorov, A.A. 1969. Chromosome Numbers of Flowering Plants. Academy of Sciences of USSR, Moscow. pp. 1-926.
- Kokubugata, G. and Yokota, M. 2017. The Chromosome Numbers of Four Gesneriaceae Species Native to Japan. Bull. Natl. Mus. Nat. Sci., Ser. B, 43(2), pp. 57-61.

LIST OF FAMILIES PUBLISHED

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

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