

# FLORA OF BANGLADESH

NO. 77

**BORAGINACEAE**

EDITOR

December 2020

By

MOHAMMAD SAYEDUR RAHMAN  
And  
MOHAMMAD AMDADUL HOQUE

**BANGLADESH NATIONAL HERBARIUM**  
MINISTRY OF ENVIRONMENT, FOREST AND CLIMATE CHANGE  
GOVT. OF THE PEOPLE'S REPUBLIC OF BANGLADESH

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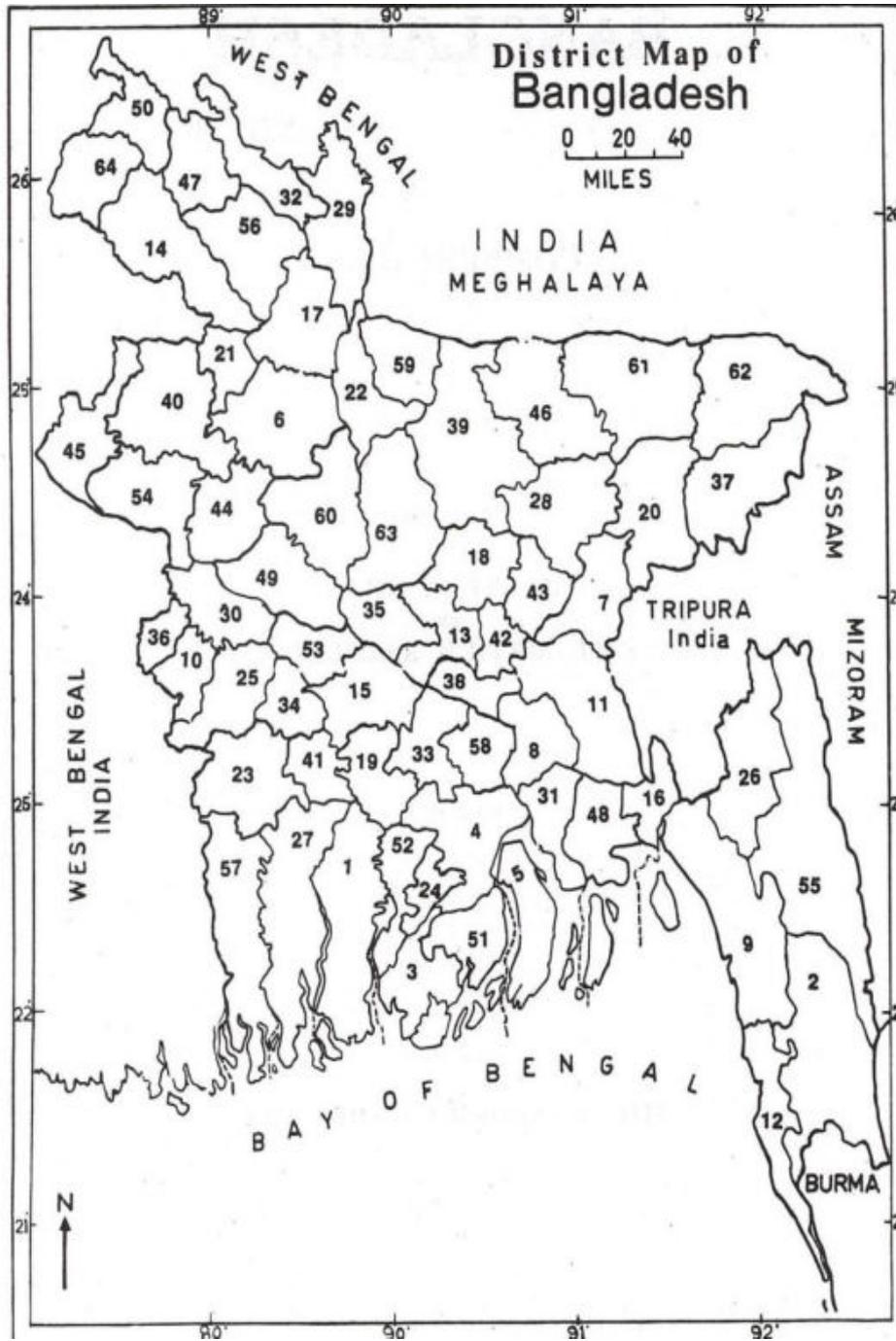
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(Fig. District Map of Bangladesh - 64 districts with Nos. 1, 2, 3.....)



## 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

## **BORAGINACEAE Juss.**

### **Mohammad Sayedur Rahman and Mohammad Amdadul Hoque**

Herbs perennial, biennial, or annual, less often lianas, shrubs, or trees, usually covered by hairs or bristles on the herbaceous part. Leaves alternate, very rarely opposite (in *Tournefortia*), exstipulate, undivided, usually entire, in a very few species serrate. Inflorescence either a simple cyme or compound, cymes arranged dichotomously or in racemes or panicles, with or without bracts, terminal or lateral, sometimes single flowers in the axils of upper leaves. Flowers bisexual, actinomorphic, rarely zygomorphic. Calyx usually 5-parted or lobed, mostly persistent. Corolla 5-lobed, gamopetalous, twisted or imbricate, tubular, salverform, funneliform or campanulate. Stamens of the same number as corolla lobes, alternating with them, included in or exerted from the corolla; anthers sessile or on distinct filaments, opening longitudinally. Ovary superior, 4-locular at maturity; placentation axillary; ovules erect or nearly horizontal, rarely pendent; style gynobasic or terminal; stigma absent or disc to cushion-shaped terminating the style, or (in *Heliotropium* and *Tournefortia*) forming a ring round the style at various levels. Fruits drupe or nutlet, 1-4 seeded. Seeds erect or oblique, usually without albumen.

About 156 genera and 2500 species in all climatic regions of the world (Wu *et al.*, 2013). In Bangladesh the family is represented by 09 genera and 28 species including two new record.

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## 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	Flagellariaceae	3	Pontederiaceae	24
Araceae	75	Fumariaceae	3	Potamogetonaceae	40
Asclepiadaceae	48	Gesneriaceae	65	Punicaceae	22
Averrhoaceae	18	Haloragaceae	8	Rhamnaceae	61
Avicenniaceae	31	Hydrocharitaceae	28	Rhizophoraceae	7
Basellaceae	2	Hydrocotylaceae	44	Ruppiaceae	19
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	Stylidiaceae	32
Cannabidaceae	14	Melastomaceae	76	Taccaceae	72
Cannaceae	73	Meliaceae	71	Tiliaceae	64
Capparaceae	57	Menispermaceae	51	Trapaceae	27
Caricaceae	1	Menyanthaceae	49	Tropaeolaceae	3
Cassythaceae	43	Molluginaceae	17	Turneraceae	3
Casuarinaceae	1	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
Cuscutaceae	55	Pedaliaceae	2		
Dichapetalaceae	23	Periplocaceae	47		

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