

## FLORISTIC COMPOSITION OF THE COASTAL DISTRICT SATKHIRA, BANGLADESH

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### Abstract

This study presents elementary taxonomic data on the composition of vascular flora in the disaster prone coastal district Satkhira of Bangladesh. The results of this study show that this district houses 664 species under 468 genera and 133 families of vascular plants. The Pteridophytes and Gymnosperms are represented by 21 and five species, whereas, the Magnoliopsida (dicotyledons) and Liliopsida (monocotyledons) of Angiosperms by 494 and 144 species, respectively. About 59.64% of these species are herbs, 15.96% shrubs, 21.69% trees, 2.26% palms and 0.45% bamboos. Total 73.04% of the species are wild, 19.88% planted and 7.08% cultivated. In this area, Fabaceae with 31 species is the largest family, followed by Asteraceae with 27 species, Apocynaceae with 26 species and Malvaceae with 25 and Acanthaceae with 22 species. *Ficus* with seven species is recorded as the largest genus, which is followed by *Solanum*, *Hygrophila*, *Euphorbia*, *Senna*, *Phyllanthus*, *Ipomoea*, *Hibiscus* and *Alternanthera*. Most of the species are found in fallow lands, roadsides, woodlands, homesteads and scrub jungles and useful as medicine, ornamental, fibre, fruit, livestock feed, soil binder and timber. The floristic composition of this district is still rich, though most of its habitats and ecosystems are vulnerable to natural disasters. Effective conservation plan and measures should be adopted for the precious flora of this coastal district.

### Introduction

Knowledge on floristic composition and structure is essential in identifying the important elements and understanding the status, extent, assessment of plant biodiversity (WCMC, 1992). It is also useful in exploration of alternative species, identification and conservation of threatened species and helpful in sustainable utilization of plant biodiversity. Thus, studies on floristic composition and structure of different areas and countries throughout the world become imperative due to which large-scale floristic inventories have been conducted in various forest- and non-forest areas globally for over a century (Ostertag *et al.*, 2014).

As a significant part of the South Asian Mega Centre of genetic diversity (Chowdhury, 1996), Bangladesh houses a rich biodiversity including a huge number of plant species (Approx. 5000 species of Angiosperms, Khan, 1977), though it is one of the countries, most vulnerable to climate change, and ranked as one of the world's most disaster-prone area (Choudhury, 2002; World Bank, 2005). However, the floristic composition of this country has so far been partially explored through various kinds of inventories conducted in 18th to 20th centuries. The large-scale floristic studies covering the area of the present political boundary of Bangladesh does not provide habitat-, area- or district-specific detail data on floristic composition (Hooker, 1872-1897; Prain,

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1903; Siddiqui *et al.*, 2007; Ahmed *et al.*, 2008-2009; Ahmed *et al.*, 2009). Most of the small to medium scale floristic studies conducted in this country so far cover mostly the north-eastern and south-eastern highland regions and forested areas of this country (Uddin *et al.*, 1998; Khan and Huq, 2001; Rashid and Mia, 2001; Uddin *et al.*, 2003; Islam *et al.*, 2009; Arefin *et al.*, 2011; Rahman, 2017; Haque *et al.*, 2018; Uddin and Hassan, 2018). Some studies in plain land and coastal regions of the country have also been conducted (Sultana, 2012; Rahman *et al.*, 2015; Tabassum, 2015; Shetu *et al.*, 2018; Rahman *et al.*, 2019; Khanam *et al.*, 2020; Roy and Khan, 2020). In spite of these studies, the floristic composition in most of the areas of this country is unknown till now. Therefore, conducting adequate studies on the floristic composition in these areas are crucial to know the composition, structure and status of their plant resources.

Satkhira is one of the coastal districts of Bangladesh that are most vulnerable to the natural disasters, which affect the coastal region frequently, and sometimes severely. This district is one of the most risk prone areas of Bangladesh, because most of its habitats and ecosystems are being degraded due to the consequences of different natural disasters and human interventions, and most of its natural vegetation are being replaced by settlements, agricultural expansions, shrimp cultures and other human activities. Protecting and maintaining the biodiversity in the coastal areas is one of the biggest conservation challenges today. However, the first key step to achieve this goal is to complete the floristic explorations and compile the updated lists of species extant in these areas (Schaminée *et al.*, 2011; Sharrock, 2012). But so far, no floristic study is known to be carried out throughout Satkhira district based on field inventories and examination of plant specimens. The floristic study of Rahman *et al.* (2015) covers the Sundarban Mangrove area of this district belonging to its Shamnagar upazila but it does not provide specific information on plant species composition and distribution in this administrative area.

Floristic studies throughout this district are required to generate the baseline taxonomic data on the current composition and status of plant species, help in adopting appropriate conservation initiatives for the threatened or near threatened species, promote the plant resource-based socio-economic development projects and contribute in future studies on the change in floristic composition, plant species diversity and vegetation in this area. Therefore, there is a great scope and need for conducting a detail floristic study throughout this district. This study has been carried out to construct a taxonomic checklist and provide quantitative data on the vascular plants of Satkhira district based on thorough taxonomic inventories throughout the area.

### **Materials and Methods**

Satkhira district, located in between 21°36'-22°54' N and 88°54'-89°20' E, comprises an area of 3,817.29km<sup>2</sup>, including 1632.00km<sup>2</sup> forests, and consists of seven upazilas and 79 unions (Population and Housing Census, 2015). It is bounded by Jessore district on the north, the Bay of Bengal on the south, Khulna district on the east, West Bengal state of India on the west. The topography of this district is flat, with a maximum elevation range of 17.06 metre and an average elevation above sea level of 6.40 metre. This area is covered by cropland, grassland, wet lands, scrub jungles, mangrove forests and homestead gardens etc. Over the course of the year, the temperature typically varies from 13.89°C to 35°C and is rarely below 11°C or above 37.78°C. Since the last decade, the trend of change in maximum, minimum and mean temperature in rainy and summer seasons in Satkhira district is increasing, whereas that in minimum and mean temperature in winter season and total rainfall in rainy and summer seasons are decreasing (<http://datalibrary.bmd.gov.bd>). In the muggiest months, the highest humidity ranges from 73% to 92% ([www.worldweatheronline.com](http://www.worldweatheronline.com)).

This study was based on a thorough taxonomic inventory conducted in different seasons of 2017-2020 throughout the Satkhira district. The collection, processing, drying and preservation of plant specimens were done following standard herbarium methods and techniques (Bridson and Forman, 1989; Singh and Subramaniam, 2008). The representative plant specimens of all taxa were examined at Plant Systematics and Biodiversity Laboratory of Jahangirnagar University and Bangladesh National Herbarium (DACB). Identification of the specimens was completed through consulting the taxonomic descriptions and keys available in the relevant literatures (Hooker, 1872-1897; Prain, 1903; Wu and Raven, 1994-2001; Wu *et al.*, 1999-2013; Siddiqui *et al.*, 2007; Ahmed *et al.*, 2008-2009; Ahmed *et al.*, 2009), and by matching with the respective voucher specimens of DACB and Jahangirnagar University Herbarium (JUH). The relevant type images available in the web pages of different international herbaria, such the Royal Botanic Gardens Kew (K), and the Conservatoire et Jardin botaniques de la Ville de Genève (G) etc., and illustration of Flora of China (Wu and Raven, 1994-2001; Wu *et al.*, 1999-2013) were also matched. All voucher specimens have been preserved at JUH.

Nomenclatural information were verified following Flora of China (Wu and Raven, 1994-2001; Wu *et al.*, 1999-2013), The Plant List (2013) and TROPICOS (2017). The bangla names were collected from Huq (2019), Siddiqui *et al.* (2007), Ahmed *et al.* (2008-2009) and Ahmed *et al.* (2009), and through interviews with the local people. The families of Pteridophytes and Gymnosperms have been arranged following Pichi (1977) and Kramer and Green (1990), respectively, and those of Angiosperms following Cronquist (1981), whereas the genera and species under each family alphabetically (Table 1).

Data on uses of the species were collected through interviews with the local people during the field surveys, and consulting the relevant literatures (Ghani, 1998; Van Valkenburg and Bunyaphatsara, 2002; Siddiqui *et al.*, 2007; Ahmed *et al.*, 2008-2009; Ahmed *et al.*, 2009). The status of rare and threatened plant species in the study area was inferred through field observation and estimation on population size, distribution range and regeneration of each species in the area.

## Results and Discussion

During this study the vascular flora of Satkhira district was found to be composed of 664 species under 468 genera and 133 families. Pteridophytes were represented by 21 species of 18 genera under 12 families and Gymnosperms by five species of four genera under four families, and Magnoliopsida (dicotyledons) and Liliopsida (monocotyledons) of Angiosperms by 494 and 144 species of 348 and 98 genera under 92 and 25 families, respectively (Table 1 and Fig. 1). Total 396 (59.64%) of these species were herbs, 144 (21.69%) trees, 106 (15.96%) shrubs, 15 (2.26%) palms and three (0.45%) bamboos. Most of the herbs were erect (48.99%), climber (19.19

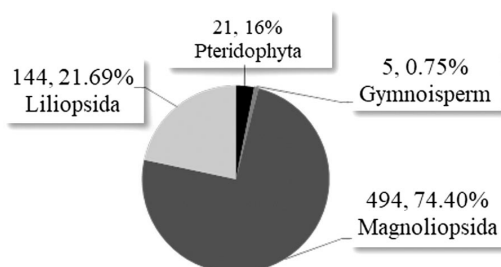


Fig. 1. Species composition (number and percent of species) of different plant groups of Satkhira district.

%) and prostrate (16.92%) that were followed by creeper, parasite, free floating, submerged and epiphyte (Fig. 2). All species of Pteridophytes were found as wild but those of the Gymnosperms as planted, whereas among the Angiosperms total 464 (72.73%) species were wild, 127 (19.91%) planted and 47 (7.37%) cultivated. 349 (75.22%) species of the dicots and 115 (24.78%) species of the monocots were wild and the rest were cultivated or planted.

In Magnoliopsida, Fabaceae with 31 species under 19 genera, representing 4.72% of the vascular flora of Satkhira district, was the largest family, followed by Asteraceae with 27 species of 26 genera, Apocynaceae with 26 species of 23 genera, Malvaceae with 25 species of 17 genera, Acanthaceae with 22 species of 13 genera, Rubiaceae with 18 species under 12 genera, Cucurbitaceae and Lamiaceae, each with 17 species under 12 and 14 genera, respectively, Solanaceae with 15 species of eight genera, Caesalpiniaceae with 13 species of eight genera, Moraceae with 12 species under four genera, and Amaranthaceae and Mimosaceae, each with 12 species under eight genera. *Ficus* with seven species was recorded as the largest genus, which was followed by *Euphorbia*, *Hygrophila*, *Solanum*, each with six species, *Hibiscus*, *Ipomoea*, *Phyllanthus* and *Senna*, each with five species, and *Alternanthera*, *Amaranthus*, *Dalbergia*, *Desmodium*, *Ludwigia*, *Oldenlandia*, *Persicaria*, *Sida*, *Terminalia* and *Vigna*, each with four species.

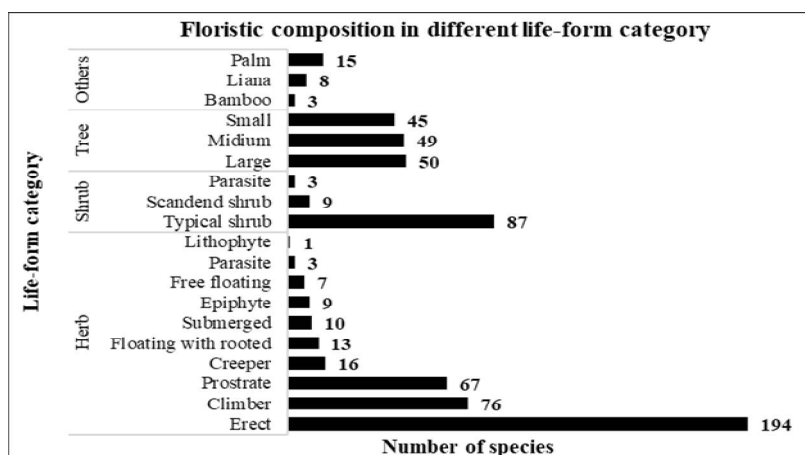


Fig. 2. Floristic composition in different life-form categories of Satkhira district.

In Liliopsida, Poaceae with 44 species under 30 genera, comprising 6.70% of the vascular flora of this area, was the largest family, and followed by Cyperaceae with 22 species under eight genera, Arecaceae and Araceae, each with 15 species under 12 and 13 genera, respectively. *Cyperus* with 10 species was the largest genus, which was followed by *Commelina* and *Paspalum*, each with four species and *Bambusa* and *Calamus*, each with three species.

In Satkhira district, total 403 (60.69%) plant species were found to be distributed in Satkhira sadar, 355 (53.46%) in Shaymnagar, 334 (50.30%) in Kaligonj, 318 (47.89%) in Debhata, 315 (47.44%) in Kolarowa, 296 (44.58%) in Tala and 235 (35.39%) in Ashasuni upazila, but most of the species found in each of these upazilas were overlapping with that of other upazila/s. A total of 152 (22.89%) species were found to be distributed in a part of the Sundarbans mangrove forest, situated in the southern part of Shaymnagar upazila of Satkhira district, of which 65 (9.79%) species were exclusively distributed in that mangrove habitat and the rest 87 (13.10%) species were found to overlapping with other upazilas of this study area.

**Table 1. List of vascular plant species of Satkhira district, Bangladesh.**

Scientific name	Bangla name	Habit	Habitat	Distribution	Use	RSE
<b>PTERIDOPHYTA</b> Schimp.						
<b>Selaginellaceae</b> Willk						
<i>Selaginella vaginata</i> Spring	Selaginella	Herb, pr; w	MI, Wl	De, Ka, Sh <sup>+</sup>	M	GMH 5207
<b>Ophioglossaceae</b> Martinov						
<i>Ophioglossum reticulatum</i> L.	Sharpa jihba	Herb, er; w	Gl, Wl	Ka, Ko, Sh <sup>+</sup>	M	GMH 5202
<b>Salviniaceae</b> Martinov						
<i>Azolla pinnata</i> R. Br.	Khudipana	Herb, fl; w	Wtl	As, Ka, Ss, Ta	Gm	GMH 5205
<i>Salvinia adnata</i> Desv.	Pani dhekia	Herb, fl; w	Wtl	As, De, Ta	Gm, O	GMH 5200
<i>S. cucullata</i> Roxb.	Indur kani	Herb, fl; w	Wtl	Ka, Ss, Sh <sup>+</sup> , Ta	Gm, O	GMH 5211
<b>Marsileaceae</b> Mirb.						
<i>Marsilea quadrifolia</i> L.	Susni shak	Herb, cr; w	Af, Fl, Wtl	All upazilas <sup>+</sup>	Vg	GMH 5204
<b>Lygodiaceae</b> M. Roem.						
<i>Lygodium flexuosum</i> (L.) Sw.	Saralata fern	Herb, cl; w	Sj, Wl	De, Ka, Ko	M	GMH 5201
<b>Pteridaceae</b> E.D.M. Kirchn.						
* <i>Acrostichum aureum</i> L.	Hudo	Herb, er; w	Fm, Wl	Sh <sup>+</sup>	M, Tm	GMH 5208
<i>Adiantum caudatum</i> L.	Khopa fern	Herb, ep; w	Op, Obw	De, Ka, Ko	O	MAR 2901
<i>A. tenerum</i> Sw.	Biddapata	Herb, ep; w	Op, Obw	De, Ka	O	MAR 2902
<i>Ceratopteris pteridoides</i> (Hook.) Hieron.	Pani dhekia	Herb, er; w	Wtl	Sh <sup>+</sup>	Vg	MSR 3321
<i>C. thalictroides</i> (L.) Brongn.	Pani lettuce	Herb, er; w	Wtl	De, Sh, Ss, Ta	Vg	MSR 3310
<i>Pteris vittata</i> L.	Dhekia	Herb, lp; w	Obw	De, Ka, Ko	M	GMH 5203
<b>Vittariaceae</b> Ching						
* <i>Haplopteris elongate</i> (Sw.) E.H. Crane	Viteria	Herb, ep; w	Op, Wl	Sh <sup>+</sup>	M, O	MSR3 302
<b>Polypodiaceae</b> J. Presl & C. Presl						
<i>Drynaria quercifolia</i> (L.) J. Sm.	Pankhiraj	Herb, ep; w	Op, Wl	All upazilas <sup>+</sup>	M, O	GMH 5210
<i>Microsorium punctatum</i> (L.) Copel.	Gucha patra	Herb, ep; w	Op, Wl	De, Ka, Sh <sup>+</sup>	M, O	GMH 5206
<i>Pyrosia nuda</i> (Giesenh.) Ching	Pyrosia	Herb, ep; w	Op, Wl	De, Ka, Sh <sup>+</sup>	M	GMH 5212
<b>Blechnaceae</b> Newman						
<i>Stenochlaena palustris</i> (Burm. f.) Bed.	Dhekia lata	Herb, cl; w	Sj, Wl	Ka, Ss, Ta	M, Vg	GMH 5209
<b>Thelypteridaceae</b> Ching ex Pic. Serm.						
<i>Ampelopteris prolifera</i> (Retz.) Copel.	Dheki shak	Herb, cr; w	Fl, Fm, Wl	All upazilas	M	MAR 2903
<i>Thelypteris dentata</i> (Forssk.) E.P. St.John	Datitila	Herb, cr; w	Fl, Fm, Wl	De, Ka	O, Vg	MAR 2904
<b>Athyriaceae</b> Alston						
<i>Diplazium esculentum</i> (Retz.) Sw.	Dhekia shak	Herb, er; w	Fl, Fm, Wl	De, Ka, Ss	Vg	MAR 2905
<b>GYMNOSPERMS</b> Prantl						
<b>Cycadaceae</b> Pers.						
<i>Cycas circinalis</i> L.	Cycas	Tree, s; pl	Hs	Ss	M, O	MAR 2907
<i>C. revoluta</i> Thunb.	Moniraj	Tree, s; pl	Hs	Ss	M, O	MAR 2908
<b>Araucariaceae</b> Henkel & W. Hochst.						
<i>Araucaria heterophylla</i> (Salisb.) Franco	X-mas tree	Tree, m; pl	Hs	De, Ka, Ss	O	MAR 2906

**Table 1 Contd.**

Scientific name	Bangla name	Habit	Habitat	Distribution	Use	RSE
<b>Cupressaceae</b> Gray						
<i>Thuja plicata</i> Donn ex D. Don	Thuja	Shrub; pl	Hs, Ml	As, De, Ka, Ss	O	GMH 5219
<b>Pinaceae</b> Spreng. ex Rudolphi						
<i>Pinus caribaea</i> Morelet	Pine gach	Tree, l; pl	Hs, Rs	Ss	O	MAR 2909
<b>MAGNOLIOPSIDA</b> Brongn.						
<b>Magnoliaceae</b> Juss.						
<i>Magnolia champaca</i> (L.) Baill. ex Pierre	Champa	Tree, l; pl	Rs	Ss	M, O	SAK 2001
<b>Annonaceae</b> Juss.						
<i>Annona reticulata</i> L.	Atta	Tree, s; w	Hs, Sj	All upazilas	Fr	SAK 2102
<i>A. squamosa</i> L.	Shorifa	Tree, s; pl	Hs	De, Ka, Ss	Fr	SAK 2103
<i>Artabotrys hexapetalus</i> (L. f.) Bhandari	Kathali chapma	Shrub, sc; pl	Hs	Ka, De, Ss	M, O	SAK 2104
<i>Huberantha pendula</i> (Capuron ex G. E. Schatz & Le Thomas) Chaowasku	Weeping debdaru	Tree, m; pl	Rs	De, Ko, Ss	O	SAK 2106
<i>Polyalthia longifolia</i> (Sonn.) Thwaites	Debdaru	Tree, l; Pl	Rs, Wl	All upazilas <sup>+</sup>	O, T	SAK 2105
<i>P. suberosa</i> (Roxb.) Thwaites	Barachali	Tree, s; w	Fl, Wl	De, Ka, Ko	Fr, Fw	SAK 2107
<b>Lauraceae</b> Juss.						
<i>Cinnamomum tamala</i> (Buch.-Ham.) T. Nees & Eberm.	Tejpata	Tree, m; pl	Hs	Ka, Ss	Sp	SAK 2108
<i>C. verum</i> J. Presl	Darchini	Tree, m; pl	Hs	Ko, Ss	Sp	SAK 2109
<i>Litsea glutinosa</i> (Lour.) C.B. Rob.	Kukurchita	Tree, m; w	Sj, Wl	De, Ka, Ko	M	SAK 2110
<i>L. monopetala</i> (Roxb.) Pers.	Boro-kukurchita	Tree, m; w	Sj, Wl	De, Ka	M	SAK 2111
<b>Piperaceae</b> Giseke						
<i>Peperomia pellucida</i> (L.) Kunth	Luchi pata	Herb, pr; w	Gl, Sj	All upazilas <sup>+</sup>	M	MAR 2910
<i>Piper betle</i> L.	Pan	Herb, cl; cv	Af	De, Ka	M	MAR 2911
<i>P. longum</i> L.	Pipul	Herb, cl; w	Fl, Wl	De, Ka, Ko	M	MAR 2912
<i>P. retrofractum</i> Vahl	Choi jhal	Herb, cl; pl	Hs, Wl	De, Ka	M, Sp	MAR 2913
<b>Aristolochiaceae</b> Juss.						
<i>Aristolochia indica</i> L.	Ishwarmul	Herb, cl; w	Sj	Ko, Ka, Ss	M	MAR 2914
<b>Nymphaeaceae</b> Salisb.						
<i>Nymphaea nouchali</i> Burm. f.	Nil shapla	Herb, fr; w	Wtl	De, Sh, Ss, Ta	M, O	GMH 5213
<i>N. pubescens</i> Willd	Sada shapla	Herb, fr; w	Wtl	As, Sh, Ss, Ta	O, Vg	GMH 5214
<i>N. rubra</i> Roxb. ex Andrews	Lal shapla	Herb, fr; w	Wtl	As, Sh <sup>+</sup> , Ss, Ta	M, O	GMH 5215
<b>Ceratophyllaceae</b> Gray						
<i>Ceratophyllum demersum</i> L.	Kantajhanjhi	Herb, sm; w	Wtl	As, Ss, Sh, Ta	M	MAR 2915
<b>Ranunculaceae</b> Juss.						
<i>Clematis zeylanica</i> Poir.	Irula	Shrub, li; w	Sj	De	M	MAR 2916
<i>Ranunculus sceleratus</i> L.	Jhumka phul	Herb, er; w	Wtl	Sh, Ss, Ta	M	MAR 2917
<b>Menispermaceae</b> Juss.						
<i>Cocculus hirsutus</i> (L.) W. Theob.	Huyer	Herb, cl; w	Sj	De, Ka, Ko, Ss	M	GMH 5222
<i>Stephania japonica</i> (Thunb.) Miers	Akandi manik	Herb, cl; w	Sj, Wl	De, Ka, Ss	M	GMH 5216
<i>Tinospora sinensis</i> (Lour.) Merr.	Gulanca	Herb, cl; w	Wl	De, Ka, Ss	M	GMH 5218
<i>Tiliacora racemosa</i> Colebr.	Bagh lata	Shrub, li; w	Sj, Wl	De, Ka, Ko, Ss	M, Tm	GMH 5221
<b>Papaveraceae</b> Juss.						
<i>Argemone mexicana</i> L.	Sheyal kanta	Herb, er; w	Af, Fl, Rs	As, Ko, Ss, Ta	M	MAR 2918
<b>Cannabaceae</b> Martinov						
<i>Trema orientalis</i> (L.) Blume	Banjiga	Tree, m; w	Sj, Wl	All upazilas <sup>+</sup>	Fw	KMNI 001

**Table 1 Contd.**

Scientific name	Bangla name	Habit	Habitat	Distribution	Use	RSE
<b>Moraceae</b> Gaudich.						
<i>Artocarpus chama</i> Buch.-Ham.	Chapalish	Tree, l; pl	Rs, Wl	Ko, Ss	Fr, T	MAR 2920
<i>A. heterophyllus</i> Lam.	Kanthal	Tree, m; pl	Hs, Wl	All upazilas	Fr, T	MAR 2921
<i>A. lakoocha</i> Roxb.	Dewa	Tree, m; pl	Wl	De, Ka, Ko, Ss	Fr, T	MAR 2922
<i>Ficus benghalensis</i> L.	Bot	Tree, l; w	Fl, Rs, Wl	All upazilas <sup>+</sup>	O, Fw	MAR 2923
<i>F. elastica</i> Roxb. ex Hornem.	Rubber bot	Tree, m; pl	Fl, Rs	Ka, Sh <sup>+</sup> , Ss	O	MAR 2924
<i>F. heterophylla</i> L. f.	Bhuidumur	Shrub; w	Sj, Wl	De, Ka, Ko	M	MAR 2925
<i>F. hispida</i> L. f.	Kakdumur	Tree, s; w	Sj, Wl	All upazilas	M, Vg	MAR 2926
<i>F. racemosa</i> L.	Jagdumur	Tree, l; w	Sj, Fl	De, Ka, Ss	M	MAR 2927
<i>F. religiosa</i> L.	Ashwath	Tree, l; w	Wl, Sj	De, As, Ss	M, O	MAR 2928
<i>F. rumpii</i> Blume	Khiri bot	Tree, l; w	Fl, Rs, Wl	Ko, Sh <sup>+</sup> , Ss, Ta	M, O	MAR 2929
<i>Morus alba</i> L.	Shada tut	Tree, s; pl	MI, Rs	As, Ko, Ss	Fr, Fw	MAR 2930
<i>Streblus asper</i> Lour.	Sheora	Tree, l; w	Sj, Wl	All upazilas <sup>+</sup>	Fw, M	MAR 2931
<b>Urticaceae</b> Juss.						
<i>Laportea interrupta</i> (L.) Chew	Chotrapatta	Herb, cl; w	Sj Wl	De, Ka, Ss	M	KMNI 002
<i>Pilea microphylla</i> (L.) Liebm.	Latamaricha	Herb, pr; w	Obw	All upazilas <sup>+</sup>	M	KMNI 003
<i>Pouzolzia zeylanica</i> (L.) Benn.	Kullaruki	Herb, er; w	Fl, Gl, Rs	All upazilas <sup>+</sup>	M	KMNI 004
<b>Casuarinaceae</b> R. Br.						
<i>Casuarina equisetifolia</i> L.	Jhaw	Tree, l; pl	MI, Rs	Ko, Ss	O	GMH 5220
<b>Nyctaginaceae</b> Juss.						
<i>Boerhavia diffusa</i> L.	Punarnava	Herb, pr; w	Fl, Rs	De, Ko, Ss	M	GMH 5217
<i>Bougainvillea spectabilis</i> Willd.	Baganbilash	Shrub, li; pl	Hs	All upazilas <sup>+</sup>	O	GMH 5223
<i>Mirabilis jalapa</i> L.	Sandhyamoni	Herb, er; pl	Fl, Hs	As, De, Ko, Ss	M, O	GMH 5224
<b>Aizoaceae</b> Martinov						
<i>Trianthema portulacastrum</i> L.	Swetpunarnova	Herb, pr; w	Af, Fl, Rs	As, Ko, Ta	M, Gm	MAR 2932
<b>Cactaceae</b> Juss.						
<i>Opuntia ficus-indica</i> (L.) Mill.	Fhonimonosha	Shrub; w	MI, Rs	As, De, Sh	He, M	KMNI 015
<i>O. stricta</i> (Haw.) Haw.	Nagphana	Shrub; w	MI, Rs	As, Sh, Ka	He, M	KMNI 016
<b>Amaranthaceae</b> Juss.						
<i>Achyranthes aspera</i> L.	Apang	Herb, er; w	Fl, Rs, Wl	All upazilas	M	GMH 5230
<i>Aerva lanata</i> (L.) Juss.	Chaya	Herb, pr; w	Fl, Rs	Ss, Ta	M, Vg	GMH 5225
<i>Alternanthera bettzickiana</i> (Regel) G. Nicholson	Calico gach	Herb, pr; w	Fl, Rs	Ss	M, Vg	MAR 2933
<i>A. paronychioides</i> A. St.-Hil.	Jhuli khata	Herb, pr; w	Af, Fl, Rs	As, Sh, Ta	M, Vg	GMH 5366
<i>A. philoxeroides</i> (Mart.) Griseb.	Henchi	Herb, fr; w	Af, Wtl	All upazilas <sup>+</sup>	Gm, Vg	GMH 5226
<i>A. sessilis</i> (L.) R. Br. ex DC.	Malancha	Herb, pr; w	Af, Fl, Rs	All upazilas <sup>+</sup>	M, Vg	GMH 5227
<i>Amaranthus blitum</i> L.	Goburanotey	Herb, er; w	Fl, Rs	As, De, Ss, Ta	M, Vg	MAR 2935
<i>A. spinosus</i> L.	Kantanotey	Herb, er; w	Af, Fl, Rs	All upazilas	M, Vg	MAR 2936
<i>A. tricolor</i> L.	Lalshak	Herb, er; cv	Af/Apl	All upazilas <sup>+</sup>	Vg	MAR 2937
<i>A. viridis</i> L.	Notey shak	Herb, er; w	Af, Fl, Rs	All upazilas	M, Vg	GMH 5367
<i>Celosia argentea</i> L.	Morog phul	Herb, er; pl	Hs, Rs	De, Ss, Ta	M, O	GMH 5229
<i>Chenopodium album</i> L.	Botua shak	Herb, er; w	Af, Fl, Rs	As, Ko, Ss, Ta	M, Vg	GMH 5228
<i>Cyathula prostrata</i> (L.) Blume	Shyontula	Herb, pr; w	Fl, Rs	As, De, Ka, Ss	M	GMH 5231
<i>Gomphrena celosioides</i> Mart.	Bottam phul	Herb, pr; w	Gl, Fl, Rs	Ss, Ta	M	GMH 5235
<b>Portulacaceae</b> Juss.						
<i>Portulaca oleracea</i> L.	Boronunia	Herb, pr; w	Af, Fl, Rs	Ko, Sh <sup>+</sup> , Ss	M, Vg	KMNI 005
<i>P. grandiflora</i> Hook.	Time phul	Herb, pr; pl	Hs, Rs	De, Ka, Ss	O	KMNI 006

**Table 1 Contd.**

Scientific name	Bangla name	Habit	Habitat	Distribution	Use	RSE
<b>Basellaceae Raf.</b>						
<i>Basella alba</i> L.	Pui shak	Herb, cr; cv	Af/Apl, Hs	All upazilas <sup>+</sup>	Vg	GMH 5240
<b>Molluginaceae Bartl.</b>						
<i>Glinus lotoides</i> L.	Alu ghash	Herb, pr; w	Af, Fl	Ka, Ko, Ss	M	GMH 5232
<i>G. oppositifolius</i> (L.) Aug. DC.	Gima shak	Herb, pr; w	Af, Fl	Ko, Ss	M, Vg	GMH 5236
<i>Trigastrotheca pentaphylla</i> (L.) Thulin	Khetpapra	Herb, pr; w	Af, Fl	Ko, Ss	M	GMH 5239
<b>Polygonaceae Juss.</b>						
<i>Persicaria barbata</i> (L.) H. Hara	Biskatali	Herb, er; w	Fl, Wtl	De, Ko, Sh, Ss	M	MAR 2938
<i>P. glabra</i> (Willd.) M. Gómez	Lal kukri	Herb, er; w	Af, Fl	Ka, Sh <sup>+</sup> , Ta	M	MAR 2939
<i>P. hydropiper</i> (L.) Delarbre	Panibiskatali	Herb, er; w	Af, Fl, Wtl	As, Ko, Ta	M	MAR 2940
<i>P. orientalis</i> (L.) Spach	Bara panimarich	Herb, er; w	Fl, Wtl	As, Ss, Ta	M	MAR 2941
<i>Polygonum effusum</i> Meisn.	Rani phul	Herb, er; w	Wtl	Ko, Ss, Ta	M	MAR 2942
<i>Rumex dentatus</i> L.	Bon-palang	Herb, er; w	Af, Fl, Rs	Ko, Ss, Sh	M	MAR 2943
<i>R. maritimus</i> L.	Dati-palang	Herb, er; w	Af, Fl, Rs	De, Sh, Ta	M	MAR 2944
<b>Plumbaginaceae Juss.</b>						
* <i>Aegialitis rotundifolia</i> Roxb.	Nunia	Shrub; w	Fm, Wl	Sh <sup>+</sup>	Fw, M	GMH 5233
<b>Dilleniaceae Salisb.</b>						
<i>Dillenia indica</i> L.	Chalta	Tree, m; pl	Hs, Wl	De, Ka, Ss	Fr, M	KMNI 007
<b>Clusiaceae Lindl.</b>						
* <i>Calophyllum inophyllum</i> L.	Punnul	Tree, m; w	Fm, Rs	Sh <sup>+</sup>	M, Oy	MSR 3320
<i>Mesua ferrea</i> L.	Nageshawr	Tree, s; pl	Rs	De, Ka, Ss	M, O	KMNI 008
<b>Elaeocarpaceae Juss.</b>						
<i>Elaeocarpus floribundus</i> Blume	Jalpai	Tree, m; pl	Hs	De, Ka, Ko, Ss	Fr, Oy	MAR 3010
<b>Sterculiaceae Vent.</b>						
<i>Abroma augusta</i> (L.) L. f.	Ulatkambal	Shrub; w	Hs, Sj	As, Sh, Ss	Fb, M	SAK 2112
<i>Melochia corchorifolia</i> L.	Tiki-okra	Shrub; w	Wl	Ss	M	SAK 2113
<i>Sterculia foetida</i> L.	Baksho badam	Tree, l; pl	Hs, Rs	Ka, Sh <sup>+</sup>	Fr, M	MSR 3319
<b>Bombacaceae Kunth.</b>						
<i>Bombax ceiba</i> L.	Shimul	Tree, l; w	Rs, Wl	All upazilas	Fb, M	MAR 2949
<b>Malvaceae Juss.</b>						
<i>Abelmoschus esculentus</i> (L.) Moench	Dherosh	Herb, er; cv	Af	Ko, Sh, Ta	Vg	GMH 5237
<i>Abutilon indicum</i> (L.) Sweet	Petari	Shrub; w	Fl, Rs, Sj	All upazilas	Fb, M	GMH 5234
* <i>Brownlowia tersa</i> (L.) Kosterm.	Lata sundri	Shrub; w	Rb, Wl	Sh <sup>+</sup>	Fw, M	GMH 5241
<i>Ceiba pentandra</i> (L.) Gaertn.	Shada shimul	Tree, m; pl	Hs, Rs	As, Sh	Fb, T	GMH 5249
<i>Corchorus aestuans</i> L.	Janglipat	Shrub; w	Fl, Rs, Sj	Ko, Ss, Sh <sup>+</sup>	Fb, M	GMH 5245
<i>Gossypium arboreum</i> L.	Karpash	Shrub; cv	Af	De, Ko, Sh	Fb, Oy	GMH 5242
<i>Grewia asiatica</i> L.	Pholsa	Tree, s; pl	Hs, Wl	Ka	Fr, M	MAR 2945
<i>G. glandulosa</i> Vahl	Pathaka	Tree, s; w	Sj	Ka	M	MAR 2946
* <i>Heritiera fomes</i> Buch.-Ham.	Sundri	Tree, l; w	Wl	Sh <sup>+</sup>	T	GMH 5250
<i>Hibiscus rosa-sinensis</i> L.	Joba	Shrub; pl	Hs, Rs	All upazilas	O	GMH 5246
<i>H. sabdariffa</i> L.	Chukar	Shrub; pl	Hs, Ml	Ko, Ss, Sh, Ta	M	GMH 5247
<i>H. schizopetalus</i> (Dyer) Hook. f.	Jhumko jaba	Shrub; pl	Hs, Rs	Ss	O	GMH 5243
* <i>H. tiliaceus</i> L.	Bhola	Shrub, sc; w	Rb, Wl	Sh <sup>+</sup>	Fb, Fw	GMH 5244
<i>H. vitifolius</i> L.	Bonkarpas	Shrub; w	Sj	Ss	M, O	GMH 5251
<i>Malvaviscus arboreus</i> Cav.	Morich joba	Shrub; pl	Hs, Rs	De, Ka, Ss	O	GMH 5255
<i>Microcos tomentosa</i> Sm.	Asar	Shrub; w	Sj, Wl	Ka, Ko	Fw, M	MAR 2947



**Table 1 Contd.**

Scientific name	Bangla name	Habit	Habitat	Distribution	Use	RSE
<i>Pentapetes phoenicea</i> L.	Bandhuli phul	Shrub; pl	Hs	Ko, Sh, Ta	O	GMH 5466
<i>Sida acuta</i> Burm. f.	Kureta	Herb, er; w	Fl, Sj, Rs	All upazilas <sup>+</sup>	M	GMH 5260
<i>S. cordata</i> (Burm. f.) Bross. Waalk.	Pitberela	Herb, er; w	Fl, Sj, Rs	All upazilas <sup>+</sup>	M	GMH 5256
<i>S. cordifolia</i> L.		Herb, er; w	Fl, Rs	Ka, Sh, Ss	M	GMH 5252
<i>S. rhombifolia</i> L.	Lal-berela	Herb, er; w	Fl, Rs	As, De, Sh, Ta	Fb, M	GMH 5259
* <i>Thespesia populnea</i> (L.) Sol. ex Corrêa	Porosh pipul	Tree, s; w	Fm, Rb	Sh <sup>+</sup>	Fb, M	MSR 3308
<i>Triumfetta rhomboidea</i> Jacq.	Bon okra	Shrub; w	Fl, Rs, Sj	As, Ko, Ss, Ta	Fb, M	MAR 2948
<i>Urena lobata</i> L.	Banokra	Shrub; w	Fl, Sj, Rs	All upazilas	Fb, M	GMH 5257
<i>Wissadula periplocifolia</i> (L.) Thwaites	Shada nagmoni	Shrub; w	Rs, Sj	De, Ka, Ss	Fb, M	GMH 5261
<b>Lecythidaceae</b> A. Rich.						
<i>Barringtonia acutangula</i> (L.) Gaertn.	Hijal	Tree, m; w	Ml, Sj, Wtl	De	M, O	GMH 5254
<b>Tamaricaceae</b> Link						
* <i>Tamarix indica</i> Willd.	Nona jhaw	Tree, s; w	Fm, Wl	Sh <sup>+</sup>	Fw, M	GMH 5262
<b>Passifloraceae</b> Juss. ex Roussel						
<i>Passiflora edulis</i> Sims	Passion phal	Herb, cl; pl	Hs	Ss	Fr	SAK 2114
<i>P. foetida</i> L.	Jhumka lata	Herb, cl; w	Sj	Ka, Ko, Ta	Fr, M	SAK 2115
<i>P. suberosa</i> L.	Mela jhumka	Herb, cl; w	Rs	De, Ta	M	SAK 2116
<i>Turnera ulmifolia</i> L.	Bashanti	Herb, er; w	Rs	Sh	M	SAK 2117
<b>Caricaceae</b> Dumort.						
<i>Carica papaya</i> L.	Papya	Tree, m; pl	Af, Hs, Rs	All upazilas <sup>+</sup>	Fr, Vg	GMH 5263
<b>Cucurbitaceae</b> Juss.						
<i>Benincasa hispida</i> (Thunb.) Cogn.	Chalkumra	Herb, cl; cv	Af, Hs	Ko, Ss	Vg	MAR 2952
<i>Citrullus lanatus</i> (Thunb.) Matsum. & Nakai	Tormuj	Herb, cl; cv	Af	De, Ka, Ko, Sh	Fr	MAR 2953
<i>Coccinia grandis</i> (L.) Voigt	Telakucha	Herb, cl; w	Sj, Wl	All upazilas	M, Vg	MAR 2954
<i>Cucumis melo</i> L.	Bangi	Herb, cl; cv	Af	Ka	Fr, Vg	MAR 2955
<i>C. sativus</i> L.	Khira, Shosha	Herb, cl; cv	Af, Hs	De, Ka, Ko	Fr, Vg	MAR 2956
<i>Cucurbita maxima</i> Duchesne	Misti kumra	Herb, cl; cv	Af, Hs	All upazilas <sup>+</sup>	M, Vg	MAR 2957
<i>Gynnopetalum chinense</i> (Lour.) Merr.	Banpatol	Herb, cl; w	Sj	As, De, Ss, Ta	M	MAR 2958
<i>Lagenaria siceraria</i> (Molina) Standl.	Lao	Herb, cl; cv	Af, Hs	All upazilas <sup>+</sup>	M, Vg	MAR 2959
<i>Luffa acutangula</i> (L.) Roxb.	Jhinga	Herb, cl; cv	Af, Hs	All upazilas	M, Vg	MAR 2960
<i>L. cylindrica</i> (L.) M. Roem.	Dhundal	Herb, cl; cv	Af, Hs	All upazilas	M, Vg	MAR 2961
<i>Momordica dioica</i> Roxb. ex Willd.	Kakroll	Herb, cl; cv	Af, Hs	All upazilas	M, Vg	MAR 2962
<i>M. charantia</i> L.	Korolla	Herb, cl; cv	Af, Hs	Ka, Ko	M, Vg	MAR 2963
<i>Mukia maderaspatana</i> (L.) M. Roem.	Agmukhi	Herb, cl; w	Af, Fl, Sj	As, De, Ss, Ta	M	MAR 2964
<i>Solena amplexicaulis</i> (Lam.) Gandhi	Rakhal sosha	Herb, cl; w	Sj	De, Ka	M	MAR 2965
<i>Trichosanthes dioica</i> Roxb.	Potol	Herb, cl; cv	Af, Hs	De, Ko, Ta	M, Vg	MAR 2966
<i>T. cucumerina</i> L.	Chichinga	Herb, cl; cv	Af, Hs	De, Ka, Ko, Sh	M, Vg	MAR 2967
<i>T. tricuspidata</i> Lour.	Makal	Herb, cl; w	Fm, Sj	De, Ka	M	MAR 2968
<b>Salicaceae</b> Mirb.						
<i>Casearia tomentosa</i> Roxb.	Bhari, Chilla	Tree, s; w	Fm, Wl	De	Fp, M	MAR 2950
<i>Flacourtia indica</i> (Burm. f.) Merr.	Bauchi	Shrub; w	Sj, Wl	De, Ko, Ss	Fr, M	MAR 2951

**Table 1 contd.**

Scientific name	Bangla name	Habit	Habitat	Distribution	Use	RSE
<b>Capparaceae</b> Juss.						
<i>Capparis zeylanica</i> L.	Katai	Shrub, sc; w	Sj	De, Ka, Ko, Ss	M	GMH 5264
<b>Cleomaceae</b> Bercht. & J. Presl						
<i>Cleome ruidosperma</i> DC.	Nil hurhurey	Herb, er; w	Af, Fl, Rs	All upazilas	M	GMH 5268
<i>C. viscosa</i> L.	Halud hurhurey	Herb, er; w	Af, Fl, Rs	All upazilas	M, Vg	GMH 5271
<b>Brassicaceae</b> Burnett						
<i>Brassica napus</i> L.	Sarisha	Herb, er; cv	Af, Hs	De, Ko, Ta	Lf, Oy	MAR 2969
<i>B. oleracea</i> var. <i>botrytis</i> L.	Fulkopie	Herb, er; cv	Af	Ko	Vg	MAR 2970
<i>B. oleracea</i> var. <i>capitata</i> L.	Badhakopie	Herb, er; cv	Af	Ko	Lf, Vg	MAR 2971
<i>Cardamine flexuosa</i> With.	Bansarisha	Herb, er; w	Af, Fl	Ss, Ta	M	MAR 2972
<i>Daucus carota</i> L.	Gajor	Herb, er; cv	Af	De, Ka, Ko	Vg	MAR 2973
<i>Raphanus raphanistrum</i> subsp. <i>sativus</i> (L.) Domin	Mula	Herb, er; cv	Af	Ka, Ko Ss, Ta	Vg	MAR 2974
<i>Rorippa indica</i> (L.) Hiern	Bansarisha	Herb, er; w	Fl, MI	Ka, Sh, Ss	M, Vg	MAR 2975
<b>Moringaceae</b> Martinov						
<i>Moringa oleifera</i> Lamk.	Shajna	Tree, m; pl	Hs, MI, Rs	All upazilas	M, Vg	GMH 5265
<b>Sapotaceae</b> Juss.						
<i>Madhuca longifolia</i> (J. König ex L.) J.F. Macbr.	Mohua	Tree, m; w	Rs, WI	Ka, Sh <sup>+</sup> , Ss	M, Oy	SAK 2118
<i>Manilkara zapota</i> (L.) P. Royen	Sopheda	Tree, m; pl	Hs	All upazilas <sup>+</sup>	Fr, M	SAK 2119
<i>Mimusops elengi</i> L.	Bokul	Tree, m; pl	Rs	De, Ka, Ss	M, O	SAK 2120
<b>Ebenaceae</b> Gürke						
<i>Diospyros discolor</i> Willd.	Bilati gab	Tree, m; pl	Hs, Rs	As, De, Sh <sup>+</sup> , Ss	Fr, M	SAK 2121
<i>D. malabarica</i> (Desr.) Kostel.	Deshi gab	Tree, m; w	WI	Ka	Fr, M	SAK 2122
<b>Myrsinaceae</b> R. Br.						
<i>Ardisia solanacea</i> (Poir.) Roxb.	Banjam	Shrub; w	WI	Ka, Ko	M, O	GMH 5267
<b>Primulaceae</b> Batsch						
<i>*Aegiceras corniculatum</i> (L.) Blanco	Kholshi	Shrub; w	WI	Sh <sup>+</sup>	Hp, Fw	GMH 5266
<b>Crassulaceae</b> J. St.-Hil.						
<i>Kalachoe pinnata</i> (Lam.) Pers.	Patharkuchi	Herb, er; pl	Hs	De, Ko, Sh, Ss	M, O	GMH 5270
<b>Rosaceae</b> Juss.						
<i>Rosa centifolia</i> L.	Golap	Shrub; pl	Hs	Ss	M, O	GMH 5420
<i>R. chinensis</i> Jacq.	Jangli golap	Shrub; pl	Hs, MI	Ss	He, M	KMNI 038
<b>Mimosaceae</b> R. Br.						
<i>Acacia auriculiformis</i> Benth.	Akashmoni	Tree, l; pl	Fl, Rs, WI	All upazilas <sup>+</sup>	T	MAR 2976
<i>A. mangium</i> Willd.	Mangium	Tree, l; pl	Rs, WI	Ka, Ss	T	MAR 2977
<i>A. nilotica</i> (L.) Delile	Babla	Tree, m; w	Fl, Rs	All upazilas <sup>+</sup>	Gu, M	MAR 2978
<i>Albizia procera</i> (Roxb.) Benth.	Sil koroï	Tree, l; w	Rs, WI	As, De, Ka, Ta	T	MAR 2979
<i>A. richardiana</i> (Voigt) King & Prain	Raj siris	Tree, l; pl	Rs	As, Sh <sup>+</sup> , Ta	T	MAR 2980
<i>A. saman</i> (Jacq.) Merr.	Shirish	Tree, l; pl	MI, Rs, WI	All upazilas <sup>+</sup>	T	MAR 2981
<i>*Cynometra ramiflora</i> L.	Shigra	Tree, s; w	Fm, WI	Sh <sup>+</sup>	Fw, M	GMH 5268
<i>Entada rheedii</i> Spreng.	Gila lata	Shrub, li; w	Fm, WI	Ka	M, Wp	MAR 2982
<i>Leucaena leucocephala</i> (Lam.) de Wit	Ipil-ipil	Tree, l; w	Fl, Rs, WI	All upazilas	T	KMNI 009
<i>Mimosa pudica</i> L.	Lajjaboti	Herb, pr; w	Gl, Fl, Rs	All upazilas <sup>+</sup>	M	KMNI 010
<i>Pithecellobium dulce</i> (Roxb.) Benth.	Khoia babla	Tree, m; w	Hs, Rs	As, Sh <sup>+</sup> , Ss	Fr, M	GMH 5272
<i>Prosopis juliflora</i> (Sw.) DC.	Bilati babla	Tree, m; w	Rs	Sh	Fw, M	GMH 5273

Table 1 contd.

Scientific name	Bangla name	Habit	Habitat	Distribution	Use	RSE
<b>Caesalpiniaceae</b> R. Br.						
<i>Caesalpinia bonduc</i> (L.) Roxb.	Nata kanta	Shrub, sc; w	Sj, Fm	Ko, Ta	M, Oy	SAK 2123
<i>Cassia fistula</i> L.	Badarlathi	Tree, m; w	MI, Rs	As, De, Ka, Ss	M, O	SAK 2124
<i>C. javanica</i> subsp. <i>nodosa</i> (Roxb.) K. Larsen & S.S. Larsen	Burmese shonalu	Tree, m; pl	MI, Rs	Ss	O	SAK 2125
<i>Delonix regia</i> (Hook.) Raf.	Krishnachura	Tree, l; pl	Rs	All upazilas	M, O	SAK 2126
<i>Parkinsonia aculeata</i> L.	Bilati babla	Tree, s; pl	Rs	As, Sh	Fw, M	SAK 2127
<i>Peltophorum pterocarpum</i> (DC.) K. Heyne	Radha chura	Tree, l; pl	Rs	Ss, Ta	M, O	SAK 2128
<i>Saraca asoca</i> (Roxb.) Willd.	Ashok	Tree, m; pl	Rs, WI	Ss	M, O	SAK 2129
<i>Senna alata</i> (L.) Roxb.	Dadmardan	Shrub; w	Fl, Hs, Rs	As, Ss, Sh	M	SAK 2130
<i>S. occidentalis</i> (L.) Link	Barakalkesunda	Shrub; w	Fl, Rs	As, Ko, Sh, Ta	M	SAK 2131
<i>S. siamea</i> (Lam.) H.S. Irwin & Barn.	Minjiri	Tree, l; pl	Fl, WI	As, De, Sh, Ta	Fw, O	SAK 2132
<i>S. sophora</i> (L.) Roxb.	Kalkeshunda	Shrub; w	Fl, Sj, Rs	Ka, Ta	M	SAK 2133
<i>S. tora</i> (L.) Roxb.	Kalkeshunda	Herb, er; w	Fl, Rs	All upazilas <sup>+</sup>	M	SAK 2134
<i>Tamarindus indica</i> L.	Tetul	Tree, l; w	Hs, WI	All upazilas <sup>+</sup>	Fr, T	SAK 2135
<b>Fabaceae</b> Lindl.						
<i>Abrus precatorius</i> L.	Kunch	Herb, cl; w	Sj	Ka	M	GMH 5274
<i>Butea monosperma</i> (Lam.) Taub.	Palash	Tree, m; pl	Rs, WI	Ss	M, O	GMH 5275
<i>Cajanus cajan</i> (L.) Millsp.	Arhar	Shrub; cv	Af, Fl, Hs	De, Ko, Ta	M, Pu	GMH 5276
<i>C. scarabaeoides</i> (L.) Thouars	Banurkali	Herb, cl; w	Sj	As, Ka, Ss, Ta	Gm, M	GMH 5277
<i>Clitoria ternatea</i> L.	Aparajita	Herb, cl; w	Hs	Ka, Ko, Ss	M, O	GMH 5280
<i>Crotalaria pallida</i> Aiton	Jhunjhuni	Herb, er; w	Fl, Rs	Ka, Ko, Sh	Fb, M	GMH 5281
* <i>Dalbergia candenatensis</i> (Dennst.) Prain	Chanda lata	Shrub, li; w	Rb, WI	Sh <sup>+</sup>	M	GMH 5278
<i>D. sissoo</i> DC.	Sisoo	Tree, l; pl	Rs, WI	All upazilas <sup>+</sup>	T	GMH 5282
* <i>D. spinosa</i> Roxb.	Kutum kanta	Shrub, sc; w	Rb, WI	Sh <sup>+</sup>	M	GMH 5283
* <i>Derris scandens</i> (Roxb.) Benth.	Mohajoni lata	Shrub, li; w	WI	Sh <sup>+</sup>	M	GMH 5279
* <i>D. trifoliata</i> Lour.	Kalia lata	Herb, cl; w	WI	Sh <sup>+</sup>	Fb, M	GMH 5284
<i>Desmodium gangeticum</i> (L.) DC.	Salpani	Shrub; w	Fl, Sj, WI	All upazilas	Fb, M	GMH 5289
<i>D. heterophyllum</i> (Willd.) DC.	Bonmotorshuti	Herb, pr; w	Fl, GI	De, Ko, Sh, Ta	Lf, M	GMH 5285
<i>D. laxiflorum</i> DC.	Laximodi	Shrub; w	Fl, Rs	Sh, Ss	M	GMH 5290
<i>Erythrina fusca</i> Lour.	Kanta mandar	Tree, s; pl	MI, Rs	As, De, Ka	M, O	GMH 5286
<i>E. variegata</i> L.	Parijat	Tree, s; pl	Fl, MI, Rs	Ka, De, Sh	M, O	GMH 5287
<i>Grona triflora</i> (L.) H. Ohashi & K. Ohashi	Kulalia	Herb, pr; w	Af, Fl, GI	All upazilas <sup>+</sup>	Gm, M	MSR 3305
* <i>Mucuna gigantea</i> (Willd.) DC.	Bara alkushi	Herb, cl; w		Sh <sup>+</sup>	M	GMH 5288
<i>M. pruriens</i> (L.) DC.	Bichuti lata	Herb, cl; w	Sj, WI	Ka	M	GMH 5291
<i>Lablab purpureus</i> (L.) Sweet	Shim	Herb, cl; cv	Af, Hs	All upazilas <sup>+</sup>	Pu, Vg	MSR 3309
<i>Lathyrus sativus</i> L.	Khesari	Herb, cl; cv	Af	De, Ko, Ta	Lf, Pu	GMH 5298
<i>Lens culinaris</i> Medik.	Moshur	Herb, pr; cv	Af	De, Ka, Ko, Ta	Lf, Pu	GMH 5299
<i>Pachyrhizus erosus</i> (L.) Urb.	Shakalu	Herb, cl; cv	Hs, Rs	Sh, Ss	M, Vg	GMH 5296
* <i>Pongamia pinnata</i> (L.) Pierre	Koroch	Tree, m; w	Rb	Sh	M, Fw	MSR 3318
<i>Sesbania cannabina</i> (Retz.) Pers.	Dhonchi	Shrub; cv	Af, Fl, MI	All upazilas	Fb, Gm	GMH 5297
<i>Uraria lagopodioides</i> (L.) Desv.	Chakulia	Shrub; w	Sj, WI	Ko	M	GMH 5292
<i>Vicia hirsuta</i> (L.) S.F. Gray	Masurchana	Herb, pr; w	Af	Ko, Ta	Lf, Gm	GMH 5293
<i>Vigna marina</i> (Burm.) Merr.	Nona shim	Herb, cl; w	Fm, Rb	Ka, Sh+	Lf, M	MSR 3315
<i>V. mungo</i> (L.) Hepper	Mashkalai	Herb, pr; cv	Af, Fl, Rs	De, Ko, Ta	Gm, Pu	GMH 5294
<i>V. trilobata</i> (L.) Verdc.	Jangli moong	Herb, cl; w	Fl, GI	Ss	Gm, Lf	GMH 5295

**Table 1 contd.**

Scientific name	Bangla name	Habit	Habitat	Distribution	Use	RSE
<i>V. unguiculata</i> (L.) Walp.	Borboti	Herb, cl; cv	Af, Hs	Ka, Ko, Ss	Pu, Vg	GMH 5300
<b>Haloragaceae</b> R. Br.						
<i>Myriophyllum tuberculatum</i> Roxb.	Kulabahupatri	Herb, sm; w	Wtl	Sh, Ta	M	MAR 2983
<b>Lythraceae</b> J. St.-Hil.						
<i>Ammannia baccifera</i> L.	Dadmari	Herb, er; w	Af, Fl, Wtl	Ka, Sh <sup>+</sup> , Ss	M	GMH 5301
<i>A. multiflora</i> Roxb.	Acidpatta	Herb, er; w	Af, Fl, Wtl	Sh, Ss, Ta	M	GMH 5302
<i>Lagerstroemia indica</i> L.	Jarul	Tree, s; pl	Rs	As, Ss	M, O	GMH 5303
<i>L. speciosa</i> (L.) Pers.	Jarul	Tree, l; pl	Rs, Wl	As, Ss	M, O	GMH 5304
<i>Lawsonia inermis</i> L.	Mehedi	Tree, s; pl	Hs	All upazilas <sup>+</sup>	Dy, M	MSR 3311
<i>Punica granatum</i> L.	Dalim, Bedana	Shrub; pl	Hs	Ka, Ko, Sh, Ss	Dy, Fr	KMNI 062
* <i>Sonneratia apetala</i> Buch.-Ham.	Kewra	Tree, l; w	Rb, Wl	De, Ka, Sh <sup>+</sup>	Fr, M	GMH 5305
<i>Trapa incisa</i> Siebold & Zucc.	Paniphal	Herb, fr; w	Wtl	De, Ka, Ko, Sh	Fr, M	GMH 5306
<i>T. natans</i> L.	Shingra	Herb, fr; w	Wtl	De, Ko, Sh	Fr, M	GMH 5307
<b>Myrtaceae</b> Juss.						
<i>Callistemon citrinus</i> (Curtis) Skeels	Bottlebrush	Tree, s; pl	Hs, Rs	As, Ko, Sh, Ss	O	MSR 3317
<i>Eucalyptus camaldulensis</i> Dehnh.	Eucalyptus	Tree, l; pl	Rs, Wl	All upazilas <sup>+</sup>	M, T	MAR 2984
<i>Psidium guajava</i> L.	Peyara	Tree, s; pl	Hs	All upazilas <sup>+</sup>	Fr, M	KMNI 011
<i>Syzygium cumini</i> (L.) Skeels	Kalojam	Tree, l; pl	Hs, Rs, Wl	Ka, Ko, Sh, Ss	Fr, T	KMNI 012
<i>S. fruticosum</i> DC.	Khudi jam	Tree, m; w	MI, Wl	Ka, Ko, Sh <sup>+</sup>	Fr, T	MSR 3312
<b>Onagraceae</b> Juss.						
<i>Ludwigia adscendens</i> (L.) H. Hara	Keshordam	Herb, fr; w	Wtl	All upazilas <sup>+</sup>	M	GMH 5308
<i>L. hyssopifolia</i> (G. Don) Exell	Panipalong	Herb, er; w	Af, Fl, Wtl	All upazilas <sup>+</sup>	Dy, M	GMH 5368
<i>L. octovalvis</i> (Jacq.) P.H. Raven	Bon labonga	Herb, er; w	MI, Wtl	Ta	M	GMH 5369
<i>L. perennis</i> L.	Amorkura	Herb, er; w	Fl, Gl	Ko, Sh, Ta	M	MAR 2985
<b>Combretaceae</b> R. Br.						
<i>Combretum indicum</i> (L.) DeFilipps	Madhuri lata	Shrub, li; pl	Hs	Ss	M, O	MAR 2986
* <i>Lumnitzera racemosa</i> Willd.	Kirpa	Tree, s; w	Fm, Wl	Sh <sup>+</sup>	Dy, Fw	GMH 5309
<i>Terminalia arjuna</i> (Roxb. ex DC.) Wight & Arn.	Arjun	Tree, l; pl	Rs	All upazilas <sup>+</sup>	M	MSR 3316
<i>T. bellirica</i> (Gaertn.) Roxb.	Bohera	Tree, l; pl	Rs, Wl	All upazilas <sup>+</sup>	M	MSR 3303
<i>T. catappa</i> L.	Kathbadam	Tree, l; pl	Rs	All upazilas <sup>+</sup>	M, Nu	MSR 3314
<i>T. chebula</i> Retz.	Horitoki	Tree, l; pl	Rs, Wl	All upazilas <sup>+</sup>	M	MSR 3304
<b>Rhizophoraceae</b> Pers.						
* <i>Bruguiera gymnorhiza</i> (L.) Lam.	Lal kakra	Tree, l; w	Wl	Sh <sup>+</sup>	Dy, T	GMH 5310
* <i>B. sexangula</i> (Lour.) Poir.	Shobuj kakra	Tree, l; w	Wl	Sh <sup>+</sup>	Dy, T	GMH 5311
* <i>Ceriops decandra</i> (Griff.) W. Theob.	Goran	Tree, s; w	Wl	Sh <sup>+</sup>	Dy, Fw	GMH 5312
* <i>Kandelia candel</i> (L.) Druce	Bhatkathi	Tree, s; w	Rb, Fm	Sh <sup>+</sup>	Dy, Fw	GMH 5313
* <i>Rhizophora apiculata</i> Blume	Jhana	Tree, m; w	Rb, Fm	Sh <sup>+</sup>	Fw, M	GMH 5314
* <i>R. mucronata</i> Lam.	Jhana	Tree, l; w	Rb, Fm	Sh <sup>+</sup>	Dy, Fw	GMH 5315
<b>Cornaceae</b> Bercht. ex J. Presl						
<i>Alangium salviifolium</i> (L. f.) Wangerin	Aikha	Tree, m; w	Sj, Wl	De, Ka	M, T	MAR 2987
<b>Loranthaceae</b> Juss.						
<i>Dendrophthoe falcata</i> (L. f.) Etting.	Bajrangi	Shrub, ps; w	Op	De, Ka, Sh <sup>+</sup>	M	MSR 3306
<i>Macrosolen cochinchinensis</i> (Lour.) van Tiegh.	Renda	Shrub, ps; w	Op	De, Ka, Sh <sup>+</sup>	M	MSR 3301
<i>Scurrula parasitica</i> L.	Porgacha	Shrub, ps; w	Op	Ka, Sh <sup>+</sup> ,	M	MSR 3307
<i>Viscum monoicum</i> Roxb. ex DC.	Bhanda	Herb, ps; w	Op	Sh <sup>+</sup>	M	MSR 3330

**Table 1 contd.**

Scientific name	Bangla name	Habit	Habitat	Distribution	Use	RSE
<b>Celastraceae</b> R. Br.						
* <i>Salacia chinensis</i> L.	Choit boroi	Shrub, sc; w	Fm, Wl	Sh <sup>+</sup>	Fr, M	GMH 5316
<b>Euphorbiaceae</b> Juss.						
<i>Acalypha ciliata</i> Forssk.	Unknown	Herb, er; w	Fl, Sj	Ka, Ko, Ta	M	MAR 2988
<i>A. indica</i> L.	Muktajhuri	Herb, er; w	Fl, Gl, Rs	Ka, Ko, Ta, Ss	M	MAR 2989
<i>Baliospermum calycinum</i> Müll. Arg.	Danti	Shrub; w	Sj, Wl	De	M	MAR 2990
<i>B. solanifolium</i> (Burm.) Suresh	Donti	Shrub; w	Sj, Wl	De	M	MAR 2991
<i>Chrozophora rotleri</i> (Geiseler) A. Juss. ex Spreng.	Khudiphora	Herb, er; w		As, Ko, Sh, Ta	M	MAR 2993
<i>Codiaeum variegatum</i> (L.) Rumph. ex A. Juss.	Batabahar	Shrub; pl	Hs, Ml	De, Ka, Ss	M, O	MAR 2994
<i>Croton bonplandianus</i> Baill.	Bandhone	Herb, er; w	Af, Fl, Rs	All upazilas	M	GMH 5317
<i>Euphorbia antiquorum</i> L.	Tiktasij	Shrub; w	Hs, Ml	As, Sh	M, O	GMH 5318
<i>E. hirta</i> L.	Baradudhia	Herb, pr; w	Fl, Gl, Rs	All upazilas <sup>+</sup>	M	GMH 5319
<i>E. neriiifolia</i> L.	Manosha sij	Shrub; pl	Hs, Ml	As, Sh	M, O	GMH 5320
<i>E. thymifolia</i> L.	Swetkerui	Herb, pr; w	Fl, Gl, Rs	All upazilas <sup>+</sup>	M	GMH 5321
<i>E. tirucalli</i> L.	Narasaji	Shrub; pl	Hs, Rs	Sh, Ss	M, O	GMH 5322
<i>E. tithymaloides</i> L.	Bera chita	Herb, er; w	Ml, Rs	De, Ka, Sh	He, M	GMH 5323
* <i>Excoecaria agallocha</i> L.	Gewa	Tree, l; w	Wl	Sh <sup>+</sup>	M, Pp	GMH 5324
<i>Flueggea virosa</i> (Roxb. ex Willd.) Royle	Khaukra	Shrub; w	Sj, Wl	De, Ka, Ko	M	MAR 3118
<i>Jatropha curcas</i> L.	Bherenda	Shrub; pl	Rs	As, Ka, Ta	He, M	GMH 5326
<i>J. gossypifolia</i> L.	Lalbherenda	Shrub; w	Fl, Rs	As, Ka, Ko, Ta	He, M	GMH 5327
<i>Mallotus nudiflora</i> L.	Latim, Petali	Tree, l; w	Fl, Ml	Ka, Ta	M, T	GMH 5336
<i>M. repandus</i> (Willd.) Müll. Arg.	Gunti, Jhanti	Shrub, sc; w	Sj, Wl	Ko, Ta	M	GMH 5328
<i>Ricinus communis</i> L.	Bherenda	Shrub; w	Fl, Hs	All upazilas	M, Oy	GMH 5334
* <i>Shirakiopsis indica</i> (Willd.) Esser	Hurmui	Tree, s; w	Fm, Wl	Sh <sup>+</sup>	M, Fp	GMH 5335
<i>Suregada multiflora</i> (A. Juss.) Baill.	Ban naringa	Tree, s; w	Wl	Ka	Fw, M	KMNI 013
<i>Tragia involucrata</i> L.	Chotrapatta	Herb, cl; w	Sj	Ka, Ta	M	KMNI 014
<b>Phyllanthaceae</b> Martinov						
<i>Breynia vitis-idaea</i> (Burm. f.) Fisch.	Vitasalpoti	Tree, s; w	Sj, Wl	De, Ka	M	MAR 2992
<i>Phyllanthus acidus</i> (L.) Skeels	Arboroi	Tree, s; pl	Hs	As, Ko, Sh, Ss	Fr, M	GMH 5329
<i>P. emblica</i> L.	Amloki	Tree, s; pl	Hs, Rs	All upazilas <sup>+</sup>	Fr, M	GMH 5330
<i>P. niruri</i> L.	Bhuiamla	Herb, er; w	Af, Fl, Gl	All upazilas <sup>+</sup>	Dy, M	GMH 5331
<i>P. reticulatus</i> Poir.	Chitki	Shrub; w	Fl, Sj	De, Ka, Ko, Ta	Dy, M	GMH 5332
<i>P. urinaria</i> L.	Kalochitki	Herb, er; w	Fl, Gl	Ta	M	GMH 5333
<b>Rhamnaceae</b> Juss.						
<i>Gouania tiliifolia</i> Lam.	Harjen gota	Shrub, sc; w	Sj, Wl	De, Ka	Co, M	MAR 2995
<i>Sarcomphalus mauritanus</i> (Lam.) Raf.	Boroi	Tree, m; w	Hs, Wl	All upazilas <sup>+</sup>	Fr, M	MAR 2996
<i>Ziziphus oenoplia</i> (L.) Mill.	Bonboroi	Shrub, sc; w	Sj, Wl	De, Ko, Ta	He, M	MAR 2997
<b>Leeaceae</b> Dumort.						
<i>Leea aequata</i> L.	Kukur jihwa	Shrub; w	Sj, Wl	De, Ka	M	MAR 2998
<i>L. indica</i> (Burm. f.) Merr.	Kurkur	Shrub; w	Sj, Wl	De, Ka, Ko, Ta	Gm, M	MAR 2999
<b>Vitaceae</b> Juss.						
<i>Ampelocissus barbata</i> (Wall.) Planch.	Jharila	Herb, cl; w	Sj, Wl	De, Ka, Ss	M	MAR 3000
<i>A. latifolia</i> (Roxb.) Planch.	Gowalia lata	Herb, cl; w	Wl	De, Ka, Ko	M	MAR 3001
<i>Causonis trifolia</i> (L.) Mabb. & J. Wen	Angur lata	Herb, cl; w	Sj, Wl	All upazilas <sup>+</sup>	Lf, M	KMNI 017

**Table 1 contd.**

Scientific name	Bangla name	Habit	Habitat	Distribution	Use	RSE
<i>Cissus adnata</i> Roxb.	Bhatia lata	Herb, cl; w	Sj, Wl	Ka, Ss	M	KMNI 018
<i>C. quadrangularis</i> L.	Harjora	Herb, cl; w	Hs, Rs	De, Ka	M	KMNI 019
<i>Tetrastigma angustifolium</i> (Roxb.) Planch.	Nekungriubi	Herb, cl; w	Sj, Wl	De, Ka, Ko, Ss	M	MAR 3002
<i>T. leucostaphylum</i> (Dennst.) Alston	Horina lata	Herb, cl; w	Sj, Wl	De, Ka, Ss	M	MAR 3003
<b>Sapindaceae</b> Juss.						
<i>Allophylus cobbe</i> (L.) Raeusch.	Rakhal chita	Shrub; w	Sj, Wl	Ka	Fw, M	GMH 5337
<i>Cardiospermum halicacabum</i> L.	Lataphutki	Herb, cl; w	Fl, Sj	Ko, Sh, Ss, Ta	M, Vg	GMH 5338
<i>Dimocarpus longan</i> Lour.	Ashphal	Tree, m; pl	Hs	Ka	Fr	MAR 3119
* <i>Dodonaea viscosa</i> Jacq.	Pani phul	Tree, s; w	Fm, Wl	Sh <sup>+</sup>	Fw, M	GMH 5471
<i>Lepisanthes rubiginosa</i> (Roxb.) Leenh.	Horina	Tree, s; w	Fl, Wl	De, Ka, Ko	Fr, Fw	GMH 5340
<i>Litchi chinensis</i> Sonn.	Litchu	Tree, m; pl	Hs	Ko, Ss	Fr	GMH 5341
<b>Burseraceae</b> Kunth						
<i>Garuga pinnata</i> Roxb.	Kapila	Tree, l; w	Wl	De	Fr, T	MAR 3004
<b>Anacardiaceae</b> R. Br.						
<i>Lannea coromandelica</i> (Houtt.) Merr.	Jiga	Tree, s; w	MI, Rs	All upazilas <sup>+</sup>	He, Gu	MAR 3005
<i>Mangifera indica</i> L.	Aam	Tree, l; w	Hs, Wl	All upazilas <sup>+</sup>	Fr, T	MAR 3006
<i>Spondias dulcis</i> Parkinson	Amrah	Tree, l; pl	Hs	All upazilas <sup>+</sup>	Fr	MAR 3007
<i>S. pinnata</i> (L. f.) Kurz	Bon amrah	Tree, l; pl	Wl	De, Ka	Fr	GMH 5467
<b>Meliaceae</b> Juss.						
* <i>Aglaiia cucullata</i> (Roxb.) Pellegr.	Amoor	Tree, s; w	Rb, Wl	Sh <sup>+</sup>	M, T	MSR 3329
<i>Aphanamixis polystachya</i> (Wall.) R. Parker	Pithraj	Tree, m; w	Hs, Wl	De, Ka, Ko, Ta	M, Oy	GMH 5342
<i>Azadirachta indica</i> A. Juss.	Neem	Tree, m; w	Rs, Wl	All upazilas <sup>+</sup>	M, T	GMH 5343
<i>Khaya anthotheca</i> (Welw.) C. DC.	Lombu	Tree, l; pl	Rs	All upazilas	T	GMH 5344
<i>Melia azedarach</i> L.	Ghora neem	Tree, m; pl	MI, Rs	All upazilas <sup>+</sup>	M, T	GMH 5345
<i>Swietenia macrophylla</i> King	Bara mehagani	Tree, l; pl	Hs, MI, Rs	All upazilas <sup>+</sup>	T	GMH 5346
<i>S. mahagoni</i> (L.) Jacq.	Mehagani	Tree, l; pl	Hs, Rs	As, Ka, Sh, Ss	T	GMH 5347
<i>Toona ciliata</i> M. Roem.	Toon	Tree, l; w	Rs, Wl	De, Ka	Dy, M	GMH 5348
* <i>Xylocarpus granatum</i> J. Koenig	Dhundal	Tree, m; w	Rb, Wl	Sh <sup>+</sup>	M, T	MSR 3322
* <i>X. moluccensis</i> (Lam.) M. Roem.	Poshur	Tree, m; w	Wl	Sh <sup>+</sup>	M, T	MSR 3328
<b>Rutaceae</b> Juss.						
<i>Aegle marmelos</i> (L.) Corrêa	Bel	Tree, m; w	Hs, MI, Wl	All upazilas <sup>+</sup>	Fr, M	KMNI 020
<i>Citrus aurantiifolia</i> (Christm.) Swingle	Lebu	Shrub; pl	Hs	All upazilas	Fr	MAR 3008
<i>C. maxima</i> (Burm.) Merr.	Jambura	Tree, s; pl	MI, Hs	All upazilas <sup>+</sup>	Fr	MAR 3009
<i>Feronia limonia</i> (L.) Swingle	Kadbel	Tree, m; pl	MI, Hs	All upazilas <sup>+</sup>	Fr	KMNI 021
<i>Glycosmis pentaphylla</i> (Retz.) A. DC.	Datmajoni	Shrub; w	Fl, Sj, Wl	All upazilas	M	KMNI 022
<i>Murraya koenigii</i> (L.) Spreng.	Curry patta	Tree, s; w	Fl, Wl	Ka, Ta	M, Sp	KMNI 023
<i>M. paniculata</i> (L.) Jack	Kamini	Tree, s; pl	Rs, Wl	Ss	M, O	KMNI 024
<b>Oxalidaceae</b> R. Br.						
<i>Averrhoa bilimbi</i> L.	Bilimbi	Tree, s; pl	Hs	As, Ko, Sh, Ss	Fr, M	MAR 3011
<i>A. carambola</i> L.	Kamranga	Tree, s; pl	Hs	As, De, Sh, Ss	Fr, M	MAR 3012
<i>Oxalis corniculata</i> L.	Amrul	Herb, pr; w	Af, Gl, Rs	All upazilas	M, Vg	MAR 3013

Table 1 contd.

Scientific name	Bangla name	Habit	Habitat	Distribution	Use	RSE
<b>Balsaminaceae</b> A. Rich.						
<i>Impatiens balsamina</i> L.	Dopati	Herb, er; pl	Hs, MI	As, De, Ko, Ss	M, O	KMNI 063
<b>Apiaceae</b> Lindl.						
<i>Centella asiatica</i> (L.) Urb.	Thankuni	Herb, cr; w	Af, Fl, MI	All upazilas <sup>+</sup>	M	GMH 5349
<i>Coriandrum sativum</i> L.	Dhonia	Herb, er; cv	Af, Fl, Hs,	Ko	M, Sp	GMH 5350
<i>Eryngium foetidum</i> L.	Bilatedhoneya	Herb, er; w	Af, Hs	As, De, Sh <sup>+</sup> , Ss	M, Sp	GMH 5351
<i>Oenanthe benghalensis</i> Benth. & Hook. f.	Bon-dhonia	Herb, er; w	Fl, Gl, MI	As, Ka, Ta	M	GMH 5352
<b>Apocynaceae</b> Juss.						
<i>Allamanda cathartica</i> L.	Ghonta phul	Shrub; pl	Hs, Rs	As, Ss	O	MAR 3014
<i>Alstonia scholaris</i> (L.) R. Br.	Chhatim	Tree, l; w	Rs, WI	Ka, Ta	M, T	MAR 3015
<i>Calotropis gigantea</i> (L.) Dryand.	Akondo	Shrub; w	MI, Rs	As, De, Ka, Ta	Fb, M	KMNI 025
<i>C. procera</i> (Aiton) Dryand.	Shda akondo	Shrub; w	Rs	As, Ta	Fb, M	KMNI 026
<i>Carissa carandas</i> L.	Karamcha	Shrub; pl	Hs, Sj	Ss	Fr	MAR 3016
<i>Cascabela thevetia</i> (L.) Lippold	Kolkey phul	Tree, s; pl	Hs	De, Sh, Ss	M, O	MAR 3017
<i>Catharanthus roseus</i> (L.) G. Don	Noyantara	Herb, er; w	Hs, Rs	As, Sh, Ss, Ta	M, O	KMNI 027
* <i>Cerbera odollam</i> Gaertn.	Dahur	Tree, s; w	Fm, WI	Sh <sup>+</sup>	Fb, M	GMH 5353
* <i>Ceropegia lucida</i> Wall.	Lucipegia	Herb, cl; w	Fm	Sh <sup>+</sup>	M	MSR 3327
<i>Dregea volubilis</i> (L. f.) Benth. ex Hook. f.	Jukti phul	Herb, cl; w	WI	De	Fb, M	GMH 5354
* <i>Finlaysonia obovata</i> Wall.	Mamakola	Herb, cl; w	Rb, WI	Sh <sup>+</sup>	Fb, M	GMH 5355
<i>Hoya lanceolata</i> Wall. ex D. Don	Futki lata	Herb, ps; w	Op; WI	De	Fb, M	GMH 5356
<i>H. parasitica</i> Wall. ex Traill	Futki lata	Herb, ps; w	Op; WI	Sh <sup>+</sup>	Fb, M	GMH 5357
<i>Hemidesmus indicus</i> (L.) R. Br. ex Schult.	Anantomul	Herb, cl; w	Fl, Gl	De, Ka, Ta	Fb, M	GMH 5358
<i>Ichnocarpus frutescens</i> (L.) Aiton	Parallia lata	Herb, cl; w	Fl, Sj, WI	Ka, Ko, Ta	Fb, M	GMH 5359
<i>Nerium oleander</i> L.	Rakta karobi	Tree, s; pl	Hs, Rs	Ss	M, O	GMH 5360
<i>Pentstemon capensis</i> (L. f.) Bullock	Panchabrti lata	Herb, cl; w	Sj, WI	Ka	M	GMH 5361
<i>Pergularia daemia</i> (Forssk.) Chiov.	Chagalbati	Herb, cl; w	Sj, Rs	Sh, Ss	Fb, M	GMH 5362
* <i>Parsonia alboflavescens</i> (Dennst.) Mabb.	Pasonsi	Herb, cl; w	Fm, Rb	Sh <sup>+</sup>	Fb, M	GMH 5363
<i>Plumeria alba</i> L.	Shada kathgolap	Tree, m; pl	Hs, Rs	Ss	M, O	GMH 5364
<i>P. rubra</i> L.	Lal kathgolap	Tree, m; pl	Hs, Rs	Ss	M, O	GMH 5365
<i>Rauvolfia serpentina</i> (L.) Benth. ex Kurz	Sarpogondha	Herb, er; w	WI	De	M, O	GMH 5366
* <i>Sarcobolus globosus</i> Wall.	Bawali lata	Herb, cl; w	WI	Sh <sup>+</sup>	M, Vg	GMH 5367
<i>Tabernaemontana divaricata</i> (L.) R. Br. ex Roem & Schult.	Tagar	Shrub; w	Rs, Sj, WI	De, Ko, Ta	M, O	GMH 5368
<i>Telosma cordata</i> (Burm. f.) Merr.	Kanja lata	Herb, cl; w	Sj, WI	De	M	GMH 5370
* <i>Tylophora indica</i> (Burm. f.) Merr.	Antamul	Herb, cl; w	Fm, Sj	Sh <sup>+</sup>	Fb, M	GMH 5371
<b>Solanaceae</b> Juss.						
<i>Capsicum annuum</i> L.	Morich	Herb, er; cv	Af, Hs	All upazilas <sup>+</sup>	Sp	MAR 3018
<i>Cestrum diurnum</i> L.	Hasnahela	Shrub; pl	Hs	Ko, Sh, Ss	M, O	MAR 3019
<i>Datura metel</i> L.	Sada dhutra	Shrub; w	Fl, Rs	Sh, Ss, Ta	M	MAR 3323
<i>Lycopersicon esculentum</i> Mill.	Tomato	Herb, pr; cv	Af	All upazilas <sup>+</sup>	Vg	KMNI 061
<i>Nicotiana plumbaginifolia</i> Viv.	Ban tamak	Herb, er; w	Af, Fl, Rs	As, Sh, Ss, Ta	M	KMNI 028
<i>Petunia hybrida</i> E. Vilm.	Petunia	Herb, er; pl	Hs, Rs	De, Ko, Ss	O	KMNI 064

**Table 1 contd.**

Scientific name	Bangla name	Habit	Habitat	Distribution	Use	RSE
<i>Physalis angulata</i> L.	Futka	Herb, er; w	Fl, Gl, Rs	Ko, Ss	M	MAR 3020
<i>P. minima</i> L.	Bon tepari	Herb, er; w	Af, Fl, Rs	All upazilas <sup>+</sup>	M	KMNI 029
<i>P. peruviana</i> L.	Tepari	Herb, er; w	Af, Fl, Rs	Ss	M	MAR 3021
<i>Solanum americanum</i> Mill.	Tit-begun	Herb, er; w	Fl, Gl, Rs	All upazilas	M	MAR 3022
<i>S. indicum</i> L.	Rambegun	Shrub; w	Af, Fl, Rs	Ss, Ta	M	MAR 3023
<i>S. melongena</i> L.	Begun	Shrub; w	Af, Hs	All upazilas <sup>+</sup>	Vg	MAR 3024
<i>S. sisymbriifolium</i> Lam.	Katabegun	Herb, pr; w	Fl, Rs	As, Sh, Ta	M	MAR 3025
<i>S. torvum</i> Sw.	Gota begun	Shrub; w	Fl, Sj, Rs	Ss, Ta	M, Vg	MAR 3026
<i>S. virginianum</i> L.	Kantikari	Herb, pr; w	Sd, Fm	Sh <sup>+</sup>	M, Vg	MSR 3313
<b>Convolvulaceae</b> Juss.						
<i>Aniseia martinicensis</i> (Jacq.) Choisy	Shadamati	Herb, cl; w	MI, Rs	Ka, Sh, Ss	M	MAR 3027
<i>Argyrea roxburghii</i> (Wall.) Arn. ex Choisy	Argori lata	Herb, cl; w	Sj, Wl	Ka	M	MAR 3028
<i>Camonea umbellata</i> (L.) A.R. Simões & Staples	Goria lota	Herb, cl; w	Fl, Gl, Rs	Ko, Ss, Ta	M, O	KMNI 032
<i>Evolvulus nummularius</i> (L.) L.	Bhui okra	Herb, cr; w	Fl, Gl, Rs	All upazilas <sup>+</sup>	M, Sb	KMNI 030
<i>Ipomoea aquatica</i> Forssk.	Kalmi shak	Herb, cr; w	Af, Wtl	All upazilas <sup>+</sup>	Vg	KMNI 031
<i>I. batatas</i> (L.) Lam.	Misti alu	Herb, cr; cv		De, Ko	Vg	MAR 3029
<i>I. fistulosa</i> Mart. ex Choisy	Dhol kolmi	Shrub; w	Fl, MI	All upazilas <sup>+</sup>	He, Sb	MAR 3030
<i>I. littoralis</i> Blume	Gang kolmi	Herb, cl; w	Fm, Sj	De, Ka	M, O	MAR 3031
* <i>I. pes-caprae</i> (L.) R. Br.	Chagalkhuri	Herb, cr; w	Af, Hs	Sh <sup>+</sup>	M, Sb	GMH 5372
<b>Cuscutaceae</b> Dumort.						
<i>Cuscuta chinensis</i> Lam.	Sharno lata	Herb, cl; w	Op	De, Ka, Sh	M	GMH 5373
<i>C. reflexa</i> Roxb.	Sharno lata	Herb, cl; w	Op	All upazilas <sup>+</sup>	M	GMH 5374
<b>Menyanthaceae</b> Dumort.						
<i>Nymphoides hydrophylla</i> (Lour.) Kuntze	Chand mala	Herb, fr; w	Wtl	As, Sh, Ss, Ta	M	KMNI 033
<i>N. indica</i> (L.) Kuntze	Panchuli mala	Herb, fr; w	Wtl	As, De, Sh, Ta	M, Vg	KMNI 034
<b>Hydroleaceae</b> R. Br. ex Edwards						
<i>Hydrolea zeylanica</i> (L.) Vahl	Kasschera	Herb, pr; w	Wtl	Sh, Ss	M	MAR 3032
<b>Boraginaceae</b> Juss.						
<i>Heliotropium curassavicum</i> L.	Nona-hatisur	Herb, pr; w	Fl, Rs	Sh <sup>+</sup> , Ss	M, Vg	GMH 5376
<i>H. indicum</i> L.	Hatisur	Herb, er; w	Af, Fl, Rs	All upazilas <sup>+</sup>	M	GMH 5377
<i>Cordia dichotoma</i> G. Forst.	Bohola, Bola	Tree, m; w	Sj, Wl	Sh	Fw, M	GMH 5378
<b>Verbenaceae</b> J. St.-Hil.						
<i>Duranta erecta</i> L.	Duranto	Shrub; pl	MI, Rs	Ka, Ko, Sh, Ss	He, M	MAR 3033
<i>Lantana camara</i> L.	Kutus kanta	Shrub; w	Rs, Sj, Wl	De, Ka, Ko, Ta	Fw, M	MAR 3034
<i>Lippia alba</i> (Mill.) N.E. Br. ex Britton & P. Wilson	Motmotia	Shrub; w	Fl, Sj	Ko, Sh, Ss, Ta	M	KMNI 035
<i>Phyla nodiflora</i> (L.) Greene	Vuiokra	Herb, cr; w	Fl, Gl, Rs	All upazilas <sup>+</sup>	M	KMNI 036
<b>Lamiaceae</b> Martinov						
<i>Anisomeles indica</i> (L.) Kuntze.	Gobura	Herb, er; w	Fl, Wl	De, Ka, Ko, Ta	M	GMH 5379
<i>Clerodendrum indicum</i> (L.) Kuntze	Bamunhatti	Shrub; w	Fl, Sj, Wl	De, Ka, Ss	M	GMH 5380
<i>C. infortunatum</i> L.	Bhat	Shrub; w	Fl, Rs, Wl	All upazilas	M	GMH 5381
<i>Gmelina arborea</i> Roxb.	Gamari	Tree, l; pl	Rs, Wl	As, De, Ka, Sh	M, T	GMH 5382
<i>Hyptis capitata</i> Jacq.	Tata tokma	Herb, er; w	Fl, Rs, Sj	As, Ko, Ss, Ta	M	GMH 5383
<i>H. suaveolens</i> (L.) Poit.	Tokma	Herb, er; w	Fl, Rs, Sj	Ko, Ss, Ta	M	GMH 5384
<i>Leucas lavandulifolia</i> Sm.	Shetodron	Herb, er; w	Af, Fl, Rs	All upazilas	M	GMH 5385



**Table 1 contd.**

Scientific name	Bangla name	Habit	Habitat	Distribution	Use	RSE
<i>Leonurus sibiricus</i> L.	Rokto-dron	Herb, er; w	Fl, Rs	De, Ko, Ta	M	GMH 5386
<i>Ocimum americanum</i> L.	Bon tulashi	Herb, er; w	Fl, Hs	De, Ka, Ss	M	GMH 5387
<i>O. tenuiflorum</i> L.	Kalo tulsi	Herb, er; w	Fl, Hs	Sh, Ta	M	GMH 5388
<i>Pogostemon benghalensis</i> (Burm. f.) Kuntze	Jui-lata	Shrub; w	Rs	De	M	GMH 5389
<i>Premna serratifolia</i> L.	Gambari	Shrub; w	Fm, Sj	Ka, Sh <sup>+</sup>	M	GMH 5390
<i>Rotheca serrata</i> (L.) Steane & Mabb.	Bamanhati	Shrub; w	Sj, Wl	Ka, Ta	M	GMH 5391
<i>Salvia splendens</i> Sellow ex Schult.	Lal sagi	Herb, er; pl	Hs, Rs	Ss	O	GMH 5392
<i>Tectona grandis</i> L. f.	Shegun	Tree, l; pl	Rs, Wl	De, Ko, Ss	T	GMH 5393
<i>Vitex negundo</i> L.	Nishinda	Shrub; w	Fl, Sj, Rs	Sh <sup>+</sup> , Ss, Ta	M	GMH 5394
* <i>Volkameria inermis</i> L.	Shia vat	Shrub, li; w	Fm, Rb	Sh <sup>+</sup>	M, O	GMH 5395
<b>Plantaginaceae</b> Juss.						
<i>Bacopa monnieri</i> (L.) Wettst.	Brahmi	Herb, pr; w	Fl, Wtl	De, Sh <sup>+</sup>	M, Vg	MAR 3037
<i>Linnophila heterophylla</i> (Roxb.) Benth.	Patakutra	Herb, fr; w	Wtl	Ka, Sh	Ap, M	MAR 3038
<i>Mecardonia procumbens</i> (Mill.) Small	Micardan	Herb, pr; w	Fl, Gl, Rs	All upazilas <sup>+</sup>	M	MAR 3039
<i>Scoparia dulcis</i> L.	Bondhone	Herb, er; w	Fl, Gl, Rs	All upazilas <sup>+</sup>	M	MAR 3040
<b>Oleaceae</b> Hoffmanns. & Link						
<i>Jasminum sambac</i> (L.) Sol.	Beli	Shrub; pl	Hs	Ko, Ss	M, O	MAR 3035
<i>Nyctanthes arbor-tristis</i> L.	Sheuli	Tree, s; pl	Hs, Rs	As, De, Sh, Ss	M, O	MAR 3036
<b>Linderniaceae</b> Borsch, Kai Müll. & Eb. Fisch.						
<i>Bonnaya antipoda</i> (L.) Druce.	Zai ghas	Herb, pr; w	Fl, Gl, Rs	Ko, Sh, Ta	M	MAR 3042
<i>Bonnaya ciliata</i> (Colsm.) Spreng.	Bhui papri	Herb, pr; w	Fl, Gl, Rs	De, Ka, Ss	M	MAR 3043
<i>Lindernia anagallis</i> (Burm. f.) Pennell	Pani ghas	Herb, pr; w	Fl, Gl, Rs	Ko, Sh, Ss	M	MAR 3041
<i>L. procumbens</i> (Krock.) Borbás	Bakpuspa	Herb, pr; w	Fl, Gl, Rs	All upazilas <sup>+</sup>	M	MAR 3045
<i>L. rotundifolia</i> (L.) Alston	Tan chapra	Herb, pr; w	Fl, Rs, Wtl	Ko, Sh	Ap, M	MAR 3046
<i>Torenia crustacea</i> (L.) Cham. & Schtdl.	Chapra ghas	Herb, pr; w	Fl, Gl, Rs	Ko, Ta	M	MAR 3044
<i>Torenia diffusa</i> D. Don	Ushatoren	Herb, pr; w	Fl, Rs	As, Sh, Ss, Ta	O	MAR 3047
<b>Acanthaceae</b> Juss.						
* <i>Acanthus ilicifolius</i> L.	Hargoza	Shrub; w	Fm, Rb	Sh <sup>+</sup>	M	GMH 5396
* <i>A. volubilis</i> Wall.	Lata hargoza	Herb, cl; w	Fm, Rb	Sh <sup>+</sup>	M	GMH 5397
<i>Andrographis paniculata</i> (Burm. f.) Nees	Kalomegh	Herb, er; w	Wl	Ka, Ss	M	GMH 5398
* <i>Avicennia marina</i> (Forssk.) Vierh.	Morichabaen	Tree, m; w	Wl	Sh <sup>+</sup>	M, T	GMH 5399
* <i>A. officinalis</i> L.	Baen	Tree, l; w	Wl	Sh <sup>+</sup>	M, T	GMH 5400
<i>Dipteracanthus prostratus</i> (Poir.) Nees	Posta booti	Herb, pr; w	Fl, Sj, Wl	As, De, Ka, Ko	M	GMH 5401
<i>Echolium ligustrinum</i> (Vahl) Vollesen	Shial leza	Herb, er; w	Fl, Wl	De, Ka, Ko	M	GMH 5402
<i>Hemigraphis hirta</i> (Vahl) T. Anderson	Buripan	Herb, pr; w	Fl, Gl, Rs	All upazilas <sup>+</sup>	M	GMH 5403
<i>Hygrophila auriculata</i> (Schumach.) Heine	Kulekhara	Herb, er; w	Fl	Ko	M	GMH 5404
<i>H. difformis</i> Blume	Bagua	Herb, fr; w	Wtl	Ka, Ss	M	GMH 5405
<i>H. erecta</i> (Burm. f.) Hochr	Filareck	Herb, er; w	Wtl	Sh <sup>+</sup>	M	GMH 5406

**Table 1 contd.**

Scientific name	Bangla name	Habit	Habitat	Distribution	Use	RSE
<i>H. phlomoides</i> Nees	Gokul kanta	Herb, er; w	Fl	Ko, Ss, Ta	M	GMH 5407
<i>H. polysperma</i> (Roxb.) T. Anderson	Alai kalai	Herb, pr; w	Fl, Wtl	Sh <sup>+</sup>	M	MSR 3325
<i>H. ringens</i> var. <i>ringens</i>	Soza kulekhara	Herb, pr; w	Fl, Wtl	Sh <sup>+</sup>	M	MSR 3324
<i>Justicia adhatoda</i> L.	Basok	Shrub; w	MI, Rs	As, Ka, Sh, Ta	He, M	GMH 5408
<i>J. diffusa</i> Willd.	Pitapapra	Herb, pr; w	Fl, Sj	All upazilas	M	GMH 5409
<i>J. gendarussa</i> Burm. f.	Jagotmadan	Herb, er; w	Fl, MI, Sj	Sh, Ss	He, M	GMH 5410
<i>Nelsonia canescens</i> (Lam.) Spreng.	Paramul	Herb, pr; w	Fl, GI, WI	All upazilas <sup>+</sup>	M	GMH 5411
<i>Phaulopsis imbricata</i> (Forssk.) Sweet	Bhuiba shak	Herb, pr; w	Sj, WI	Ka, Ta	M	GMH 5412
<i>Ruellia tuberosa</i> L.	Chotpotey	Herb, er; w	Fl, WI	Sh, Ss, Ta	M, O	GMH 5413
<i>Rungia pectinata</i> (L.) Nees	Pindi	Herb, pr; w	Fl, GI, Rs	All upazilas <sup>+</sup>	P	GMH 5414
<i>Thumbergia grandiflora</i> (Roxb. ex Rottl.) Roxb.	Neel lota	Herb, cl; w	Fm, WI	As, Ka, Ko	M	GMH 5415
<b>Pedaliaceae</b> R. Br.						
<i>Sesamum indicum</i> L.	Til	Herb, er; cv	Af	Ko	M, Oy	KMNI 037
<b>Bignoniaceae</b> Juss.						
<i>Dolichandrone spathacea</i> (L. f.) Seem.	Gorshinga	Tree, m; w	MI	Ss	M, T	GMH 5416
<i>Oroxylum indicum</i> (L.) Kurz	Kanaidingi	Tree, m; w	Sj, WI	As, Ka, Ko	Dy, M	GMH 5417
<i>Tecoma stans</i> (L.) Juss. ex Kunth	Tecoma	Tree, s; pl	Rs	Ss	O	GMH 5418
<b>Lentibulariaceae</b> Rich.						
<i>Utricularia aurea</i> Lour.	Patajhajhi	Herb, sm; w	Wtl	As, Sh, Ta	M	MAR 3048
<b>Phrymaceae</b> Schauer						
<i>Mimulus orbicularis</i> Wall.	Takabari	Herb, fr; w	Wtl	Sh	Ap, M	GMH 5419
<b>Rubiaceae</b> Juss.						
<i>Coffea benghalensis</i> B. Heyne ex Schult.	Bangla coffee	Shrub; w	Sj	Ka, Ko	M, O	SAK 2136
<i>Dentella repens</i> (L.) J.R. Forst. & G. Forst.	Bhuiapat	Herb, pr; w	Af, Fl, GI	All upazilas	M	SAK 2137
<i>Gardenia jasminoides</i> J. Ellis	Gondhoraj	Shrub; pl	Hs	Ss	M, O	SAK 2138
<i>Hedytis diffusa</i> Wild.	Panki	Herb, pr; w	Fl, MI, Rs	All upazilas <sup>+</sup>	M	GMH 5472
<i>Hypobathrum racemosum</i> (Roxb.) Kurz	Peetunga	Tree, s; w	Fm, WI	Ka, Sh <sup>+</sup>	M	GMH 5470
<i>Ixora coccinea</i> L.	Rangon	Shrub; pl	Hs, Rs	All upazilas	O	SAK 2139
<i>I. cuneifolia</i> Roxb.	Jangli rangon	Shrub; w	Sj, WI	De, Ka	M, O	SAK 2140
<i>I. pavetta</i> Andr.	Ban rangon	Shrub; w	Sj, WI	Ka, Sh <sup>+</sup>	M, O	SAK 2141
<i>Meyna spinosa</i> Roxb. ex Link	Katai	Shrub; w	Sj, WI	De, Ka, Ko	M	SAK 2142
<i>Morinda citrifolia</i> L.	Noni	Shrub; w	Rb, WI	De, Ka	M	SAK 2143
<i>Mussaenda erythrophylla</i> Schumach. & Thonn.	Lal mussenda	Shrub; pl	Hs	Ss	O	SAK 2144
<i>M. philippica</i> A. Rich.	Mussenda	Shrub; pl	Hs	Ko, Ss	O	SAK 2145
<i>Neolamarckia cadamba</i> (Roxb.) Bosser	Kadom	Tree, l; w	Rs, WI	De, Ka, Ss	M, T	SAK 2146
<i>Oldenlandia biflora</i> L.	Bhui papra	Herb, pr; w	Fl, GI	Ko, Ta	M	SAK 2147
<i>O. corymbosa</i> L.	Khet papra	Herb, pr; w	Af, Fl, GI	All upazilas <sup>+</sup>	Dy, M	SAK 2148
<i>O. diffusa</i> (Willd.) Roxb.	Fussa papra	Herb, pr; w	Af, Fl, GI	Ko, Sh, Ss	M	SAK 2149
<i>O. verticillata</i> L.	Notapapra	Herb, pr; w	Af, Fl, GI	De, Ss, Ta	M	SAK 2150
<i>Pavetta indica</i> L.	Oriya, Jui	Shrub; w	Sj, WI	De, Ka	Co, M	SAK 2151
<i>Spermacoce articularis</i> L. f.	Baghajangla	Herb, pr; w	Fl, MI, WI	All upazilas	M	SAK 2152

**Table 1 contd.**

Scientific name	Bangla name	Habit	Habitat	Distribution	Use	RSE
<b>Asteraceae</b> Bercht. & J. Presl						
<i>Acmella calva</i> (DC.) R.K. Jansen.	Surjakonnya	Herb, pr; w	Fl, Gl, Rs	All upazilas <sup>+</sup>	M	SAK 2153
<i>Ageratum conyzoides</i> (L.) L.	Fulkuri	Herb, er; w	Fl, Ml, Wl	All upazilas	M	SAK 2154
<i>Blumea lacera</i> (Burm. f.) DC.	Shialmutra	Herb, er; w	Fl, Gl, Rs	All upazilas <sup>+</sup>	M	SAK 2155
<i>Blumea membranacea</i> Wall. ex DC.	Kukurshinga	Herb, er; w	Fl, Gl, Rs	Sh, Ta	M	SAK 2156
<i>Chromolaena odorata</i> (L.) R.M. King & H. Rob.	Assam-lata	Herb, er; w	Fl, Fm, Wl	De, Ko, Ss, Ta	M	SAK 2157
<i>Conyza semipinnatifida</i> Wall. ex DC.	Coniza	Herb, er; w	Fl, Rs	Sh <sup>+</sup>	M	SAK 2158
<i>Cosmos bipinnatus</i> Cav.	Cosmos	Herb, er; pl	Hs, Rs	De, Ko, Ss	O	KMNI 065
<i>Cyanthillium cinereum</i> (L.) H. Rob.	Kukshim	Herb, er; w	Fl, Gl, Rs	All upazilas <sup>+</sup>	M	SAK 2159
<i>Dahlia imperialis</i> Roetzl ex Ortgies	Dalia	Herb, er; pl	Hs, Rs	Ko, Ss	O	KMNI 066
<i>Eclipta prostrata</i> (L.) L.	Kalokeshi	Herb, pr; w	Fl, Gl, Rs	All upazilas <sup>+</sup>	Dy, M	SAK 2160
<i>Emilia sonchifolia</i> (L.) DC.	Mechitra	Herb, er; w	Fl, Gl, Rs	De, Ko, Ss, Ta	M	SAK 2161
<i>Enydra fluctuans</i> DC.	Helencha	Herb, pr; w	Wtl	De, Sh, Ss, Ta	M, Vg	SAK 2162
<i>Glebionis coronaria</i> (L.) Cass. ex Spach	Chandramallika	Herb, er; pl	Hs, Rs	Ko, Ss	O	GMH 5467
<i>Gnaphalium polycaulon</i> Pers.	Bara kamra	Herb, er; w	Fl, Gl	De, Ko, Ss	M	SAK 2163
<i>Grangea maderaspatana</i> (L.) Poir.	Namuti	Herb, er; w	Af, Fl, Ml	Ko, Ss, Ta	M	SAK 2164
<i>Helianthus annuus</i> L.	Surjomukhi	Herb, er; pl	Af, Hs	As, De, Ss, Ta	O, Oy	GMH 5468
<i>Launaea asplenifolia</i> Hook. f.	Tik-chana	Herb, er; w	Fl, Rs	Sh <sup>+</sup>	M	SAK 2165
<i>Mikania cordata</i> (Burm. f.) B.L. Rob.	Assam-lata	Herb, cl; w	Sj, Fm, Wl	All upazilas <sup>+</sup>	M	SAK 2166
<i>Parthenium hysterophorus</i> L.	Parthenum	Herb, er; w	Fl, Rs	De, Sh, Ss, Ta	M	SAK 2167
<i>Pseudognaphalium luteoalbum</i> (L.) Hilliard & B.L. Burt	Barakamra	Herb, er; w	Fl, Gl, Rs	Ko, Sh, Ss	M	SAK 2168
<i>Sonchus arvensis</i> L.	Chashar	Herb, er; w	Fl, Gl, Rs	Ta	M	SAK 2169
<i>Sphaeranthus indicus</i> L.	Mundi	Herb, pr; w	Af, Fl, Rs	Ko, Ss	M	SAK 2170
<i>Sphagneticola trilobata</i> (L.) Pruski	Bhringaraj	Herb, pr; w	Fl, Rs	Ss	Gm, O	SAK 2171
<i>Synedrella nodiflora</i> (L.) Gaertn.	Nakphul	Herb, er; w	Fl, Gl, Rs	Ka, Ko, Ss, Ta	M	SAK 2172
<i>Tagetes erecta</i> L.	Gada	Herb, er; pl	Hs, Rs	All upazilas <sup>+</sup>	M, O	GMH 5469
<i>Tridax procumbens</i> (L.) L.	Tridhara	Herb, er; w	Fl, Gl, Rs	All upazilas	M	SAK 2173
<i>Xanthium strumarium</i> L.	Ghagra	Herb, er; w	Af, Fl, Ml	All upazilas	M, Vg	SAK 2174
<b>LILIOPSIDA</b> Batsch						
<b>Alismataceae</b> Vent.						
<i>Sagittaria sagittifolia</i> L.	Chotokut	Herb, er; w	Af, Wtl	Sh, Ta	O, Lf	MAR 3070
<b>Hydrocharitaceae</b> Juss.						
<i>Hydrilla verticillata</i> (L. f.) Royle	Kureli	Herb, sm; w	Wtl	De, Sh, Ss	Ap, M	GMH 5421
<i>Najas indica</i> (Willd.) Cham.	Deshijhaji	Herb, sm; w	Wtl	De, Sh, Ss	Ap, Gm	GMH 5422
<i>N. minor</i> All.	Borjohaji	Herb, sm; w	Wtl	As, De, Sh, Ss	Ff, Gm	GMH 5423
<i>Ottelia alismoides</i> (L.) Pers.	Panikala	Herb, sm; w	Wtl	As, Ka, Ss	M, Vg	GMH 5424
<i>Vallisneria spiralis</i> L.	Patajhang	Herb, sm; w	Wtl	Sh, Ta	Ap, M	GMH 5425
<b>Aponogetonaceae</b> Planch.						
<i>Aponogeton appendiculatus</i> H. Bruggen	Ghechu	Herb, sm; w	Wtl	Sh, Ss	Ap, M	MAR 3115
<b>Potamogetonaceae</b> Bercht. & J. Presl						
<i>Potamogeton crispus</i> L.	Pata zanchi	Herb, sm; w	Wtl	Sh, Ss, Ta	M, Wp	MAR 3049
<i>P. nodosus</i> Poir.	Lombu zanchi	Herb, fr; w	Wtl	As, Sh, Ss	M, Wp	MAR 3050

**Table 1 contd.**

Scientific name	Bangla name	Habit	Habitat	Distribution	Use	RSE
<b>Areaceae</b> Bercht. & J. Presl						
<i>Areca catechu</i> L.	Supari	Palm; pl	Hs, Rs	All upazilas	Dy, M	MAR 3051
<i>Borassus flabellifer</i> L.	Tal	Palm; pl	Hs, Rs	All upazilas	Fb, M	MAR 3052
<i>Calamus guruba</i> Buch.-Ham. ex Mart.	Jalibet	Palm; pl	MI, Rb, Sj	De, Ka	Hc	MAR 3053
<i>C. longisetus</i> Griff.	Karakbet	Palm; pl	MI	De, Ka, Ko	Hc	MAR 3054
<i>C. tenuis</i> Roxb.	Jalibet	Palm; pl	MI	Ka, Ss	Hc, M	MAR 3055
<i>Caryota urens</i> L.	Fishtail palm	Palm; pl	MI, Rs	Ss	M, O	MAR 3056
<i>Chamaedorea elegans</i> Mart.	Areca palm	Palm; pl	Hs, MI, Rs	Ss	Fb, O	MAR 3057
<i>Cocos nucifera</i> L.	Narikel	Palm; pl	Hs, MI, Rs	All upazilas <sup>+</sup>	Fb, Fr	MAR 3058
<i>Elaeis guineensis</i> Jacq.	Oil palm	Palm; pl	Hs, MI	De, Ka, Ss	M, Oy	MAR 3059
<i>Livistona chinensis</i> (Jacq.) R. Br. ex Mart.	China tokopata	Palm; pl	MI, Rs	Ss	Fb, Hc	MAR 3060
* <i>Nypa fruticans</i> Wurm	Golpatta	Palm; w	Rb, Fm	Sh <sup>+</sup>	M, Tm	GMH 5426
* <i>Phoenix paludosa</i> Roxb.	Hental	Palm; w	Fm, Wl	Sh <sup>+</sup>	Fr, Hc	GMH 5427
<i>P. sylvestris</i> (L.) Roxb.	Deshi khejur	Palm; w	MI, Rs	All upazilas <sup>+</sup>	Ju, M	MAR 3061
<i>Rhapis excelsa</i> (Thunb.) Henry	Gurital	Palm; pl	Hs	Ss	O	MAR 3062
<i>Roystonea regia</i> (Kunth) O.F. Cook	Bottol palm	Palm; pl	MI, Rs	Ss	O, Tm	MAR 3063
<b>Pandanaceae</b> R. Br.						
<i>Pandanus amaryllifolius</i> Roxb.	Polau pata	Herb, er; pl	Fl, Hs	Ss	M, Pf	MAR 3064
<i>P. foetidus</i> Roxb.	Keya kanta	Shrub; w	Fl, Rb	De, Ka	M, O	MAR 3065
<b>Araceae</b> Juss.						
<i>Alocasia fornicata</i> (Roxb.) Schott	Bish kachu	Herb, er; w	Fl, Wl	De, Ka, Ko, Ta	M	MAR 3066
<i>A. macrorrhizos</i> (L.) G. Don	Man kachu	Herb, er; cv	Fl, Hs	All upazilas	Vg	GMH 5428
<i>Amorphophallus paeoniifolius</i> (Dennst.) Nicolson	Ol kachu	Herb, er; cv	Af, Hs	All upazilas	Vg	GMH 5429
<i>Caladium bicolor</i> (Aiton) Vent.	Diranga kachu	Herb, er; pl	Hs	De, Ka, Ss	O	MAR 3067
<i>Colocasia esculenta</i> (L.) Schott	Kachu	Herb, er; w	Af, Fl, Wtl	All upazilas <sup>+</sup>	Vg	KMNI 039
<i>Cryptocoryne ciliata</i> (Roxb.) Fisch. ex Wydler	Kerali	Herb, er; w	Fl, Rb, Wtl	De, Sh <sup>+</sup>	M, Sb	GMH 5430
<i>Epipremnum aureum</i> (Linden & André) G.S. Bunting	Money plant	Herb, cl; w	Hs, Wl	Ss	O	MAR 3068
<i>Lasia spinosa</i> (L.) Thwaites	Kata kachu	Herb, er; w	Fl, Hs, Wtl	De, Ka, Ko	M, Vg	GMH 5431
<i>Lemna minor</i> L.	Sujipana	Herb, ff; w	Wtl	Ss, Ta	Ff, Wp	KMNI 040
<i>L. perpusilla</i> Torr.	Khudipana	Herb, ff; w	Wtl	All upazilas <sup>+</sup>	Ff, Wp	KMNI 041
<i>Pistia stratiotes</i> L.	Topapana	Herb, ff; w	Wtl	Ko, Ss, Ta	M	GMH5 432
<i>Syngonium podophyllum</i> Schott	Podolata kachu	Herb, pr; w	Fl, Hs, Sj	Ka, Ss	O	MAR 3069
<i>Typhonium flagelliforme</i> (Lodd.) Blume	Ghechu	Herb, er; w	Af, Fl, Rs	De, Ko, Ss, Ta	M	GMH 5433
<i>T. trilobatum</i> (L.) Schott	Ghet kachu	Herb, er; w	Fl, Rs	All upazilas	M, Vg	GMH 5434
<i>Xanthosoma sagittifolium</i> (L.) Schott	Dudh kachu	Herb, er; w	MI, Hs	As, Ka, Ko, Sh	M, Vg	GMH 5435
<b>Commelinaceae</b> Mirb.						
<i>Commelina benghalensis</i> L.	Kanshira	Herb, cr; w	Af, Fl, Rs	All upazilas <sup>+</sup>	Dy, M	MAR 3071
<i>C. diffusa</i> Burm. f.	Kanshira	Herb, cr; w	Af, Fl, Rs	De, Ko, Ss, Ta	Dy, M	KMNI 042
<i>C. erecta</i> L.	Jata kanshira	Herb, er; w	Fl, Gl, Rs	As, Ko, Ss	M	KMNI 043
<i>C. longifolia</i> Lam.	Pani kanshira	Herb, cr; w	Fl, Gl, Rs	Ko, Sh <sup>+</sup> , Ta	M	KMNI 044
<i>Cyanotis axillaris</i> (L.) D. Don ex Sweet	Baghanulla	Herb, pr; w	Af, Fl, Gl	De, Ka, Ko, Ss	M	MAR 3072
<i>C. cristata</i> (L.) D. Don.	Kanai	Herb, cr; w	Af, Fl, Gl	De, Ko, Ta	M	MAR 3073
<i>Murdannia nudiflora</i> (L.) Brenan	Kureli	Herb, cr; w	Fl, MI	All upazilas	M	MAR 3074

**Table 1 contd.**

Scientific name	Bangla name	Habit	Habitat	Distribution	Use	RSE
<b>Cyperaceae</b> Juss.						
<i>Bulbostylis barbata</i> (Rottb.) C.B. Clarke	Bulbobata	Herb, er; w	Gl	Sh, Ss	Lf, Sb	MAR 3075
<i>Cyperus compressus</i> L.	Chancha	Herb, er; w	Af, Fl, Gl	All upazilas	M	MAR 3076
<i>C. cuspidatus</i> Kunth	Sagarmuthi	Herb, er; w	Fl, Gl, Rs	Sh, Ss, Ta	M	MAR 3077
<i>C. difformis</i> L.	Behua ghasi	Herb, er; w	Af, Fl	Ko, Ss, Ta	M	MAR 3078
<i>C. eragrostis</i> Lam.	Bada ghas	Herb, er; w	Fl, Gl, Rs	Ss, Ta	Lf, Sb	MAR 3079
<i>C. exaltatus</i> Retz.	Tata ghasi	Herb, er; w	Gl, Wtl	Ta	M, Tm	GMH 5436
<i>C. iria</i> L.	Barachucha	Herb, er; w	Fl, Gl, Rs	Ka, Sh <sup>+</sup> , Ss, Ta	M, Lf	GMH 5437
<i>C. malaccensis</i> Lam.	Shumati pati	Herb, er; w	Wtl	Sh <sup>+</sup> , Ss	Hc, M	GMH 5438
<i>C. pangorei</i> Rottb.	Madurkathi	Herb, er; w	Fl, Wtl	Ss, Ta	Hc, Lf	MAR 3080
<i>C. rotundus</i> L.	Nagarmutha	Herb, er; w	Fl, Gl, Rs	All upazilas	Hc, M	KMNI 045
<i>C. tenuiculmis</i> Boeckeler	Tonimutha	Herb, er; w	Wtl	Sh <sup>+</sup>	Lf	MSR 3326
<i>Eleocharis dulcis</i> (Burm. f.) Trin. ex Hensch.	Mishti ghasi	Herb, er; w	Fl, MI	Sh <sup>+</sup>	M, Vg	MSR 3331
<i>Fimbristylis dichotoma</i> (L.) Vahl	Bara nirbishi	Herb, er; w	MI, Wtl	Ko, Sh <sup>+</sup> , Ss	Gm, Sb	GMH 5439
<i>F. ferruginea</i> (L.) Vahl	Gini fimbry	Herb, er; w	Gl, Wtl	Sh <sup>+</sup>	Sb, Tm	MSR 3335
<i>Fuirena ciliaris</i> (L.) Roxb.	Poshmi ghas	Herb, er; w	Fl, Gl, Wtl	Ko, Ss, Sh, Ta	Lf	MAR 3080
<i>Kyllinga brevifolia</i> Rottb.	Shabujnirbisa	Herb, er; w	Af, Fl, Gl	All upazilas	Lf, M	KMNI 046
<i>K. bulbosa</i> P. Beauv.	Golanirbisa	Herb, er; w	Af, Fl, Gl	As, Ka, Ss, Ta	Lf, M	MAR 3081
<i>K. nemoralis</i> (J.R. Forst. & G. Forst.) Dandy ex Hutch. & Dalziel	Subashinirbisa	Herb, er; w	Af, Fl, Gl	All upazilas	Lf, M	KMNI 047
<i>Pycreus polystachyos</i> (Rottb.) P. Beauv.	Pikppli ghas	Herb, er; w	Gl, Wtl	Sh <sup>+</sup>	Lf, Sb	MSR 3340
<i>P. uniloides</i> (R. Br.) Urb.	Paikol ghas	Herb, er; w	Fl, Gl, MI	Sh <sup>+</sup>	Lf, Sb	MSR 3332
<i>Schoenoplectiella articulata</i> (L.) Lye	Chechra	Herb, er; w	Af, Fl, Wtl	Ko, Ss, Sh, Ta	Lf, M	GMH 5440
<b>Poaceae</b> Barnhart						
<i>Axonopus compressus</i> (Sw.) P. Beauv.	Karpet ghas	Herb, er; w	Fl, Gl, Rs	All upazilas <sup>+</sup>	Lf, Sb	KMNI 048
<i>Bambusa balcooa</i> Roxb.	Borak bans	Bamboo; w	WI	De, Ka, Ko, Ss	Hc, Vg	MAR 3082
<i>B. nutans</i> Wall. ex Munro	Mahal bans	Bamboo; w	WI	As, Ko, Ss, Ta	Pp, Tm	MAR 3083
<i>B. tulda</i> Roxb.	Mirtinga	Bamboo; w	Hs, WI	Ka, Ko, Ss	Hc, Pp	MAR 3084
<i>Brachiaria distachya</i> (L.) Stapf	Cori ghas	Herb, cr; w	Gl, Rs	All upazilas	Lf, Sb	GMH 5441
<i>Chrysopogon aciculatus</i> (Retz.) Trin.	Prem kanta	Herb, er; w	Gl, Rs	All upazilas	Hc, Sb	GMH 5442
<i>C. zizanioides</i> (L.) Roberty	Bena	Herb, er; w	Fl, MI	Ka, Ss, Ta	M, Sb	KMNI 049
<i>Coix lacryma-jobi</i> L.	Tasbi	Herb, er; w	Fl, Wtl	Ss	Hc, M	KMNI 050
<i>Cynodon dactylon</i> (L.) Pers.	Durba ghas	Herb, pr; w	Af, Fl, Gl	All upazilas <sup>+</sup>	M, Sb	KMNI 051
<i>Cyrtococcum patens</i> (L.) A. Camus	Cyrtococcum	Herb, pr; w	Gl, Rs, WI	De, Ka	Lf	MAR 3085
<i>Dactyloctenium aegyptium</i> (L.) Willd.	Kakpaya	Herb, er; w	Fl, Gl, Rs	As, Sh, Ss, Ta	Lf, Sb	GMH 5443
<i>Digitaria ciliaris</i> (Retz.) Koeler	Kokjachira	Herb, er; w	Fl, Gl, Rs	Ss, Ta	Gm, Sb	MAR 3086
<i>D. longiflora</i> (Retz.) Pers.	Kanka-juriya	Herb, pr; w	Af, Gl, Rs	Ss	Lf, Sb	MAR 3087
<i>Echinochloa colona</i> (L.) Link.	Shama ghas	Herb, er; w	Af, Fl, Gl	All upazilas	Lf, Sb	MAR 3088
<i>E. crus-galli</i> (L.) P. Beauv.	Barashama ghas	Herb, er; w	Af, Fl, Gl	Sh <sup>+</sup> , Ss, Ta	Lf, M	MAR 3089
<i>Eleusine indica</i> (L.) Gaertn.	Malankuri	Herb, er; w	Af, Fl, Gl	All upazilas	M, Sb	KMNI 052
<i>Eragrostis amabilis</i> (L.) Wight & Arn.	Koni ghas	Herb, er; w	Af, Fl, Gl	De, Ka, Ss	O, Sb	MAR 3090
<i>E. tremula</i> Hochst. ex Steud.	Chiranula	Herb, er; w	Fl, Gl, Rs	As, Ka, Ss, Ta	Lf, Tm	MAR 3091
<i>Hemarthria protensa</i> Steud.	Chaila	Herb, er; w	MI, Wtl	Ss	Lf, Sb	MAR 3092

**Table 1 contd.**

Scientific name	Bangla name	Habit	Habitat	Distribution	Use	RSE
<i>Hygroryza aristata</i> (Retz.) Nees ex Wight & Arn.	Jongli dhan	Herb, er; w	Wtl	As, Ta	Lf, M	GMH 5444
<i>Isachne globosa</i> (Thunb.) Kuntze	Isacdana	Herb, er; w	Gl, Fl	Ko, Ss	Lf, Sb	MAR 3093
<i>Imperata cylindrica</i> (L.) Raeusch.	Chhan	Herb, er; w	Gr, MI, Rs	All upazilas	Sb, Tm	GMH 5445
<i>Leersia hexandra</i> Sw.	Arali	Herb, pr; w	Wtl	As, Ss, Ta	Lf	GMH 5446
<i>Leptochloa chinensis</i> (L.) Nees	Phulka ghas	Herb, er; w	Af	Ss, Ta	Lf	MAR 3094
* <i>Myriostachya wightiana</i> (Nees ex Steud.) Hook. f.	Balia ghas	Herb, er; w	Fm, Wl	Sh <sup>+</sup>	Lf, Tm	GMH 5447
<i>Oplismenus burmanni</i> (Retz.) P. Beauv.	Jabri durba	Herb, er; w	Fl, Rs, Wl	All upazilas	Lf	GMH 5448
<i>O. compositus</i> (L.) P. Beauv.	Gohur	Herb, er; w	Fl, Rs, Wl	All upazilas <sup>+</sup>	Lf	GMH 5449
<i>Oryza sativa</i> L.	Dhan	Herb, er; cv	Af	All upazilas	Ed, Lf	MAR 3095
<i>Panicum brevifolium</i> L.	Bashpati ghas	Herb, er; w	Af, Gl, MI	Ko, Ss	Lf, Sb	MAR 3095
<i>P. repens</i> L.	Dhani ghas	Herb, er; w	Af, Fl, Gl	All upazilas <sup>+</sup>	Lf, Sb	MAR 3096
<i>Paspalidium flavidum</i> (Retz.) A. Camus	Karing ghas	Herb, er; w	Fl, Gl, MI	Ka, Sh, Ss	Lf, Sb	MAR 3097
<i>P. conjugatum</i> P.J. Bergius.	Moishhya ghas	Herb, er; w	Gl, Hs, Rs	Ss, Sh <sup>+</sup>	M, Sb	MAR 3099
<i>P. distichum</i> L.	Chhotogoicha	Herb, er; w	MI, Wtl	All upazilas	Lf, Sb	MAR 3100
<i>P. scrobiculatum</i> L.	Bishmona ghas	Herb, er; w	Fl, Gl, Rs	As, Ko, Ss	Lf, Sb	MAR 3101
<i>P. vaginatum</i> Sw.	Gina ghas	Herb, pr; w	Gl, Wtl	Sh <sup>+</sup>	Lf, Sb	MSR 3336
<i>Phragmites karka</i> (Retz.) Trin. ex Steud.	Nal khagra	Herb, er; w	Rb, Wtl	Ka, Ss	Hc, Sb	GMH 5450
* <i>Porteresia coarctata</i> (Roxb.) Tateoka	Dhanshi	Herb, er; w	Rb, Wtl	Sh <sup>+</sup>	Lf, Sb	GMH 5451
<i>Saccharum spontaneum</i> L.	Kash	Herb, er; w	Fl, Fm, Rs	De, Ka, Ss	Sb, Tm	GMH 5452
<i>Sacciolepis indica</i> (L.) A. Chase	Siltatto ghas	Herb, er; w	MI, Wtl	Ss, Ta	Lf	MAR 3102
<i>Sporobolus indicus</i> (L.) R. Br.	Smut ghas	Herb, er; w	Fl, Gl, Rs	Ko, Ss	M, Tm	MAR 3103
<i>Zea mays</i> L.	Bhutta	Herb, er; pl	Af	Ko, Ss	Ed, Lf	MAR 3104
<i>Zoysia matrella</i> (L.) Merr.	Baissa ghas	Herb, pr; w	Fl, Gl	Sh <sup>+</sup>	Lf, Sb	MSR 3339
<b>Strelitziaceae</b> Hutch.						
<i>Ravenala madagascariensis</i> Sonn.	Panthopadap	Tree, s; pl	Hs	Ss	O	KMNI 053
<b>Musaceae</b> Juss.						
<i>Musa paradisiaca</i> L.	Kachkola	Herb, er; w	Fl, Hs, MI	All upazilas	Fr, Vg	MAR 3105
<b>Typhaceae</b> Juss.						
<i>Typha elephantina</i> Roxb.	Hogla patta	Herb, er; w	Wtl	Sh, Ss, Ta	Ed, M	GMH 5453
<b>Zingiberaceae</b> Martinov						
<i>Curcuma longa</i> L.	Halud	Herb, er; cv	Fl, Hs	All upazilas	M, Sp	KMNI 054
<i>C. zedoaria</i> (Christm.) Rosc.	Sathi	Herb, er; w	Fl, Gl, Rs	As, Ka, Ko, Ta	M, Pf	KMNI 055
<i>Hedychium coronarium</i> J. König	Dolon chapa	Herb, er; cv	Hs, Rs	Ss	M, O	KMNI 056
<i>Kaempferia angustifolia</i> Roscoe	Ekangi	Herb, er; w	Fl, Wl	De	M, O	GMH 5454
<i>Zingiber officinale</i> Roscoe	Ada	Herb, er; cv	Fl, Hs	Ka, Ko	M, Sp	KMNI 057
<i>Z. zerumbet</i> (L.) Roscoe ex Sm.	Mohaboribotch	Herb, er; w	Fl, Hs, Sj	As, Ka, Ko, Ta	M, Pf	KMNI 058
<b>Costaceae</b> Nakai						
<i>Cheilocostus speciosus</i> (J. Koenig) C.D. Specht	Keomul	Herb, er; w	Fl, Wl	Ka, Ko	M	KMNI 059
<b>Cannaceae</b> Juss.						
<i>Canna indica</i> L.	Kolabati	Herb, er; w	Fl, Hs, Rs	All upazilas	M, O	KMNI 060

**Table 1 contd.**

Scientific name	Bangla name	Habit	Habitat	Distribution	Use	RSE
<b>Marantaceae</b> R. Br.						
<i>Schumannianthus dichotomus</i> (Roxb.) Gagnep.	Shital pati	Shrub; w	Hs, Wtl	Ka	Hc, M	GMH 5455
<b>Pontederiaceae</b> Kunth						
<i>Eichhornia crassipes</i> (Mart.) Solms	Kachuripana	Herb, ff, w	Wtl	All upazilas	Gm, Lf	GMH 5457
<i>Monochoria hastata</i> (L.) Solms	Bara nukha	Herb, er, w	Wtl	Ss, Ta	Gm, Vg	MAR 3106
<i>M. vaginalis</i> (Burm. f.) C. Presl	Nukha	Herb, er; w	Wtl	Ss, Ta	M, Vg	GMH 5458
<b>Amaryllidaceae</b> J. St.-Hil.						
<i>Allium cepa</i> L.	Piyaj	Herb, er; cv	Af, Hs	As, Ko, Ta	M, Sp	MAR 3109
<i>A. sativum</i> L.	Rashun	Herb, er; cv	Af, Hs	As, Ko, Ss	M, Sp	MAR 3110
<i>Crinum americanum</i> L.	Baro kanur	Herb, er; w	Hs, Wl	As, De, Ko, Ss	M, O	MAR 3111
<i>C. asiaticum</i> L.	Shukdarshan	Herb, er; w	Hs, Wl	De, Sh	M, O	MAR 3112
<i>Scadoxus multiflorus</i> (Martyn) Raf.	Agnigolock	Herb, er; pl	Fl, Hs	Sh	M, O	MAR 3113
<b>Asparagaceae</b> Juss.						
<i>Agave americana</i> L.	Shatabdi udvid	Herb, er; cv	Hs	Ss	M, O	MAR 3107
<i>Cordylone fruticosa</i> (L.) A. Chev.	Agnishwar	Herb, er; cv	Hs, Rs	Ss	M, O	MAR 3108
<b>Hypoxidaceae</b> R. Br.						
<i>Curculigo orchioides</i> Gaertn.	Talmuli	Herb, er; w	Sj, Wl	De, Ka, Ko	M	GMH 5459
<b>Xanthorrhoeaceae</b> Dumort.						
<i>Aloe vera</i> (L.) Burm. f.	Ghritakumari	Herb, er; cv	Hs	Ss	Co, M	MAR 3114
<b>Smilacaceae</b> Vent.						
<i>Smilax ovalifolia</i> Roxb.	Kumarika	Herb, cl; w	Sj, Wl	As, De, Ka, Ss	M	MAR 3116
<i>S. perfoliata</i> Lour.	Kumari lata	Herb, cl; w	Sj, Wl	Ko, Ss	M	MAR 3117
<b>Dioscoreaceae</b> R. Br.						
<i>Dioscorea alata</i> L.	Chupri alu	Herb, cl; cv	Hs, Sj	As, Ka, Sh, Ss	M, Vg	GMH 5460
<i>D. pentaphylla</i> L.	Jhum alu	Herb, cl; w	Sj, Wl	Ko, Ss	M, Vg	GMH 5461
<b>Orchidaceae</b> Juss.						
* <i>Luisia brachystachys</i> (Lindl.) Blume	Borulucia	Herb, ep; w	Op	Sh <sup>+</sup>	M, O	MSR 3333
* <i>L. tristis</i> (G.Forst.) Hook. f.	Lucia	Herb, ep; w	Op	Sh <sup>+</sup>	O, Pf	GMH 5462
<i>Geodorum densiflorum</i> (Lam.) Schltr.	Sankhamul	Herb, er; w	Sj, Wl	De, Sh	M, O	GMH 5463
<i>Vanda tessellata</i> (Roxb.) Hook. ex G. Don.	Rasna	Herb, ep; w	Op	Ss	M, O	GMH 5464
* <i>Zeuxine strateumatica</i> (L.) Schltr.	Setguli	Herb, er; w	Gl, Ml	Sh <sup>+</sup>	O	GMH 5465

**Notes:** **Habit:** cl- climber, cr- creeper, cv- cultivated, em- emergent, ep- epiphyte, er- erect, ff- free floating, fr- floating with rooted, l- large, li- liana, lp- lithophyte, m- medium, pl- planted pr- prostrate, ps- parasite, s- small, sc- scandant, sm- submerged, vi- vine, w- wild. **Habitat:** Af- Agri-field, Fl- Fallow land, Fm- Forest margin, Gl- Grassland, Hs- Homestead, Ml- Marginal land, Obw- On brick wall, Op- On plant, Rb- River bank, Rs- Roadside, Sj- Scrub jungle, Wl- Woodland, Wtl- Wetland. **Distribution:** As- Ashasuni upazila, De- Debhata upazila, Ka- Kaligonj upazila, Ko- Kolarowa upazila, Sh- Shaymnagar upazila, Ss- Satkhira sadar upazila, Ta- Tala upazila. + (plus mark)- distribution in Sundarban mangrove forest of Shaymnagar upazila; \* (asterisk mark) - Species recorded only from the Sundarban part of Satkhira district. **Uses:** Ap- aquarium plant, Co- Cosmetics, Dy- Dye yielding, Ed- Edible, Fb- Fibre, Ff- Fish feed, Fp- Fish poison, Fr- Fruit, Fw- Fuel wood, Gm- Green manure, Gu- Gum, Hc- Handicrafts, He- Hedge, Hp- Honey plant, Ju- Juice, Lf- Livestock feed, M- Medicine, O- Ornamental, Oy- Oil yielding, Pf- Perfume, Pp- Paper pulp, Pu- Pulse, Sb- Soil binder, Sp- Spice, T- Timber, Tm- Theaching material, Vg- Vegetable, Wp- Water purify; **RSE** (Representative Specimen Examined): GMH- Gazi Mosharof Hossain, KMNI- Khandaker Mohammad Noor Islam, MAR- Md. Abdur Rahim, MSR- Mohammad Sayedur Rahman, SAK- Saleh Ahammad Khan.

Total 147 plant species including 113 species of dicotyledons, 31 species of monocotyledons and three species of Pteridophytes were found in all upazilas, but no species of Gymnosperms was commonly found in all upazilas. Only 71, 44, 14, 12, six and four species were exclusively found in Shyamnagar, Satkhira Sadar, Kaligonj, Debhata, Kolaroa and Tala upazila, respectively and no species was exclusively distributed in Assashuni upazila. In this district, the plant species were found in diverse habitats, however, most of the species were well-adapted in fallow lands and roadsides, which were followed by, woodlands, homesteads, agricultural fields, scrub jungles, grass lands, wetlands, marginal lands (including forest margins and river banks). Some species were also found on few tree species and on brick walls (Fig. 3).

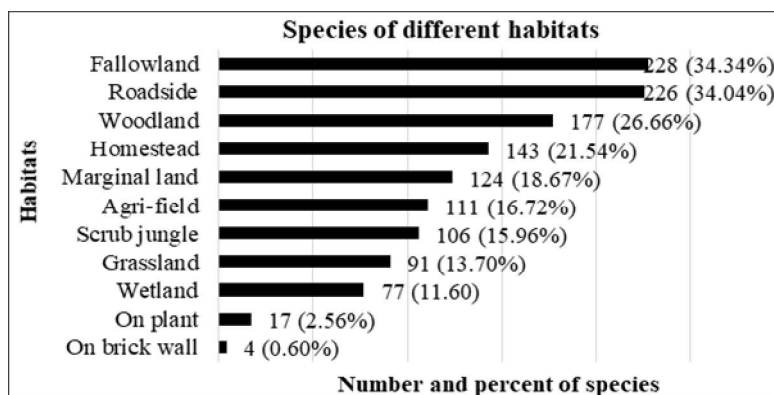


Fig. 3. Distribution of plant species in different habitats of Satkhira district.

All species recorded from Satkhira district are economically or ecologically useful and most of these species have more than one uses. Most of the species (476; 71.69%) are useful as medicine, which are followed by 112 (16.87%) species of ornamentals, 73 (10.99%) of vegetables, 50 (7.53%) of fruits and livestock feed each, 38 (5.72%) of timbers, 33 (4.97%) of fibres and 26 (3.92%) of fuel woods. Additionally, 19 (2.86%) species have been distinguished as useful in producing green manure, 17 (2.56%) in dye yielding, 14 (2.11%) in handicrafts making, 12 (1.81%) as hedge, 12 (1.81%) as thatching material, 11 (1.66%) as spices and 10 (1.51%) as oil yielding. Few species have been recognized as useful as pulse, water purifying, perfume, cosmetics, edible, fish feed, paper pulp, fish poison, gum, honey plant and juice plant.

In the study area, 17 species, *viz.* *Acanthus volubilis* (Acanthaceae), *Andrographis paniculata* (Acanthaceae), *Baliospermum solanifolium* (Euphorbiaceae), *Barringtonia acutangula* (Lecythydaceae), *Casearia tomentosa* (Salicaceae), *Cerbera odollam* (Apocynaceae), *Diospyros malabarica* (Ebenaceae), *Dodonaea viscosa* (Sapindaceae), *Dolichandrone spathacea* (Bignoniaceae), *Geodorum densiflorum* (Orchidaceae), *Kaempferia angustifolia* (Zingiberaceae), *Luisia brachystachys* (Orchidaceae), *Parkinsonia aculeata* (Caesalpiniaceae), *Pavetta indica* (Rubiaceae), *Rauvolfia serpentina* (Apocynaceae), *Scadoxus multiflorus* (Amaryllidaceae) and *Zeuxine strateumatica* (Orchidaceae) were found as rare with small population, poor regeneration and restricted distribution. Among these species, *A. paniculata* and *R. serpentina* are listed as threatened species for Bangladesh (Khan *et al.*, 2001).

The taxonomic enumeration of Angiosperm species reported by this study from Satkhira district covering 3,817.29 km<sup>2</sup> area, is nearly similar to that of Narsingdi district composed of 3360.59 km<sup>2</sup> area (Khanam *et al.*, 2020; Khanam and Khan, 2020), lower than those reported from Patuakhali district of 3221.31 km<sup>2</sup> area (Sultana, 2012) and Gazipur district of 1806.36 km<sup>2</sup> area



(Tabassum, 2015) and higher than that recorded from Rajshahi district situated on 2407.01 km<sup>2</sup> area (Rahman, 2013).

On the other hand, the taxonomic account of Angiosperm species found in six of the seven upazilas of Satkhira district, viz. Satkhira Sadar, Kaligonj, Shaymnagar, Debhata, Kolarowa and Tala, are higher than those previously reported from different upazilas of some districts of the country, viz. Ramgarh upazila of Khagrachhari district (Islam *et al.*, 2009), Dhamrai upazila of Dhaka district (Rahman *et al.*, 2012), Sadar upazila of Munshiganj district (Rahman *et al.*, 2013), Manikgonj Sadar upazila of Manikgonj district (Sarker *et al.*, 2013), Sadar upazila of Naogaon district (Nahar and Rahman, 2016), Mahadebpur upazila of Naogaon district (Rahman and Kona, 2016), Sreenagar upazila of Munshiganj district (Mahmudah *et al.*, 2017), Ishwardi of Pabna district (Roy and Rahman, 2018), and Gafargaon upazila of Mymensingh district (Rahman *et al.*, 2019) (Fig. 4). In contrast, this enumeration of Angiosperm species is lower than those reported from Belabo and Shibpur upazilas and nearly similar to those reported from Monohordi and Sadar upazila of Narsingdi district (Khanam *et al.*, 2020; Khanam and Khan, 2020) (Fig. 4).

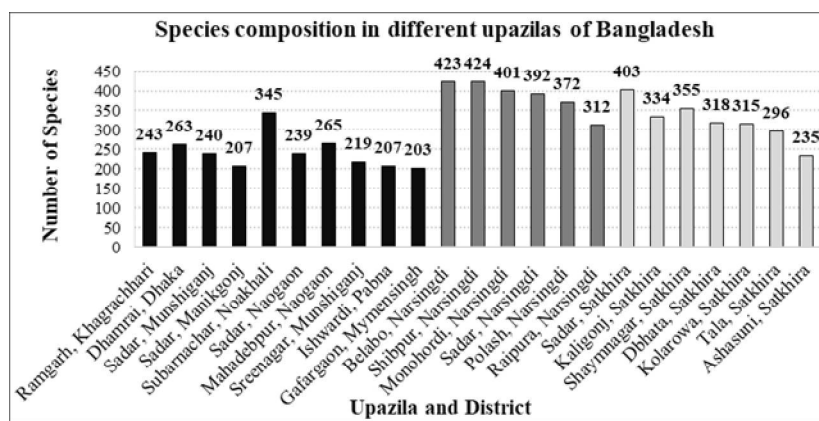


Fig. 4. Angiosperms species composition in different upazilas of Satkhira district in comparison to previous records from different upazilas of some districts of Bangladesh.

Satkhira district is a vulnerable coastal area of Bangladesh due to both natural disasters and anthropogenic causes (Rahman and Ferdous, 2017). Frequent natural disasters, increasing salinity intrusion in both soil and water, invasion of some exotic species (*Acacia auriculiformis*, *Eucalyptus camaldulensis*, *Prosopis juliflora*), poor regeneration, waterlogging and lack of proper management programs etc. are the critical natural problems and threats for its habitat- and ecosystem degradation, the consequences of which are generating colossal negative effects on the local flora and vegetation in this district (Kabir and Eva, 2014). Satkhira is one of the three districts of Bangladesh that accommodate around 80% of total shrimp production (Chowdhury and Muniruzzaman, 2003; Karim, 2003). But the widespread and increasing shrimp farming in this district is now a major anthropogenic threat that is likely to bring severe damages to the local environment and ecosystems, and ultimately to the local flora and vegetation (Kabir and Eva, 2014). However, the flora of the study area is still rich and withstanding through facing frequent natural disasters and severe human interferences, though some of its areas are almost bare.

The taxonomic information provided by this study on the vascular plants of Satkhira districts, might serve as an important guiding database to track the trend of changes in the floristic composition, plant species diversity and vegetation in course of time, especially due to natural and

anthropogenic threats, contribute in undertaking appropriate biodiversity conservation initiatives and plant resource-based socio-economic development, and help in estimating the impacts of climate change in this area. This study highly recommends for regular inventories, monitoring and problem-specific research programs on the flora and plant diversity of this district, conducting intensive research for finding the effective wind and saline tolerant plant species, accomplishment of adequate plantation with appropriate species in the marginal lands of coastal- and river bank areas and implementation of adequate measures for conservation of the threatened and depleting plant species of this district.

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