

PLANT DIVERSITY OF DHAKA UNIVERSITY CAMPUS, BANGLADESH

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Abstract

The present article focuses the status of plant diversity of Dhaka University campus. A total of 541 plant species have been recorded from the campus area. These species are assigned to 117 families. For each species local name, scientific name, family and habit have been provided. Species presentation in the families varied from 1 to 26. 47% species belongs to 16 families and 53% species belongs to others 101 families. Euporbiaceae is the largest family in the Dicotyledon having 26 species whereas Liliaceae is the largest family in Monocotyledon having 18 species. Among the recorded species, 37% are represented by herbs, 29% by trees, 21% by shrubs, 11% by climbers, 2% by epiphytes and 0.2% by parasites. Plant species recorded in the campus categorized into different purpose groups. The result showed that 59% plant species represented by native species whereas 41% plant species represented by exotics. The survey spotted the presence a number of threatened species of Bangladesh in the garden of the campus. Such species are *Corypha taliera*, *Podocarpus nerifolia*, *Mangifera sylvatica*, *Willoughbia edulis*, *Hydnocarpus kurzii*, *Gloriosa superba*, *Entada redii*, *Hedychium coccinium* and *Vandopsis gigantea*.

Key words: Plant diversity, Dhaka University, Campus

Introduction

Plant diversity is essential base of most of our terrestrial ecosystem. We all including animals are totally dependent on plant diversity directly or indirectly for not only food energy but also for all necessity of daily life. Globally, tens of thousands of species of higher plants and several hundred lower plants are currently used by humans for a wide variety of purposes as food, fuel, fiber, oil, herbs, spices, industrial crops and as forage and fodder for domesticated animals. Approximately, 25000-30000 plant species have been used by the people of tropical countries and up to 25000 species have been used in traditional medicines (Heywood 1993). In addition, many thousands of species are grown as ornamentals in parks, public and private gardens, as avenue trees and for shade and shelter. Another important role of plant diversity is the provision of ecosystem services including clean environment, the protection of watersheds, stabilization of slopes, improvement of soils, moderation of climate and the provision of a habitat for much of our wild fauna. Currently, plant diversity of the world has been facing tremendous

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amount of threats from humanity. The threats posed by human are urbanization, commercial agriculture, tree plantations, logging and wood extraction, mining and transportation, pollution, over harvesting, tourism, biological invasion, exotic monoculture plantations. Some natural events and disasters also have an impact on the plant diversity in different habitats.

Survey and documentation of plant resources of campus area of different Universities have already been done in Bangladesh (Sultana *et al.* 2013, Alam and Pasha 1999, Uddin and Pasha 1999, Begum and Zaman 1984, Islam and Zaman 1984 and Anon 1999). The survey of plant diversity is very much important because it provides baseline information for comparison after modification of the habitats and to monitor changes in biodiversity overtime. Survey results are useful to determine the presence of rare, threatened, exotics, natives, pest and medicinal plant species. Currently the survey results have also been used to investigate the potential impact of planned developments and to inform management programs to make decision for biodiversity conservation. No such plants survey and documentation works are found for DU campus. Such document of plant resources is essential for students, faculty members and other enthusiastic persons who fascinated for plants. That is why in the present study an attempt has been made to survey and document plant species growing and planted in the Dhaka University campus area.

Materials and Methods

Dhaka University (DU) is located in between 23° 43' N and 90° 23' E at the centre of the capital city Dhaka of Bangladesh. The campus area is now fall under three thanas including Shahabag, New market and Farmgate. Over a 90% area is under shahabag thana. On the first day of July 1921 the University of Dhaka opened its doors to students with Sir P.J. Hartog as the first Vice-Chancellor of the University. The University was set up in a picturesque part of the city known as Ramna. The total area of the campus is about 600 acres of land. (http://www.du.ac.bd/main_menu/the_university/about). The campus area of DU is the refuge centre of both native and exotic plant species. The dominant component of plant diversity is trees of different species associated with shrubs, herbs and climbers. In each year plantation programs have been done by different hall authorities and arboriculture centre. Botany Department of DU has been introduced many ornamental, rare and important medicinal plant species in the campus in form of mini garden. Same plantation work has also been done by the faculty of pharmacy for their research purposes. Plant environment of DU campus area has been maintained by the arboriculture centre (under the leadership of the Department of Botany, DU).

In order to collect data, all corners of Dhaka University Campus including different halls and institutes have been visited over a couple of years (2012 to 2015). Observations on the campus environment were made in all the seasons to identify plants. Images of all observed plants with either flowers or fruits have been taken. Special efforts were given to find species of conservation concern including invasive, threatened, endemic and rare.

Maximum identification was done at the observation sites and in case of confusion in identity, fertile plant specimens have been collected (Hyland 1972, Balick *et al.* 1982 and Alexiades 1996). Species identification has been done by consulting different Floras (Uddin and Hassan 2004, Siddiqui *et al.* 2007c and Ahmed *et al.* 2008a, 2008b, 2009b, 2009c, 2009d and 2009e). The updated nomenclature of the species has been followed (Siddiqui *et al.* 2007 and Siddiqui *et al.* 2007c and Ahmed *et al.* 2008a, 2008b, 2009b, 2009c, 2009d and 2009e). Threatened categories of plants have been confirmed with the help of Khan *et al.* (2001) and Ara *et al.* (2013). Some noxious exotic plant species have also been determined comparing with the reports of Hossain and Pasha (2004) and Akter and Zuberi (2009). Families have been determined according to Cronquist (1981).

Results and Discussion

In the present survey of Dhaka University campus, a total of 541 plant species has been recorded. These species are assigned to 117 families. For each species local name, scientific name, family and habit are provided (Table 1). Species presentations in the families varied from 1 to 26. Calculation showed that 47% species belongs to 16 families and 53% species belongs to others 101 families. Euporbiaceae is the largest family in the Dicotyledon having 26 species whereas Liliaceae is the largest family in Monocotyledon having 18 species. The most dominant families are Euphorbiaceae, Asteraceae, Fabaceae, Liliaceae, Orchidaceae, Apocynaceae, Caesalpiniaceae, Arecaceae, Moraceae, Zingiberaceae, Verbenaceae, Rubiaceae, Mimosaceae, Malvaceae, Araceae and solanaceae (Fig. 1). Among the species, 37% are represented by herbs, 29% by trees, 21% by shrubs, 11% by climbers, 2% by epiphytes and 0.2% by parasites (Fig. 2). Plant species recorded in the campus are categorized into different purpose groups. Among the groups ornamental category attained maximum plant species followed by medicinal, wild, timber and fire wood (Fig. 3). This is due to the aesthetic desire of the campus view.

Origin status of campus plants was tried to explore in the present study. The result showed that 59% plant species are native species whereas 41% plant species are exotics (Fig. 4). Rising tendency of exotics in the campus area is the challenge for future native flora conservation and ecofriendly environment to encourage wildlife diversity. The survey finally spotted the presence of a number of threatened species of Bangladesh in the garden of the campus. Such species are *Antigonon leptopus*, *Corypha taliera*, *Rauvolfia serpentina*, *Andrographis paniculata*, *Mangifera sylvatica*, *Willuoghbia edulis*, *Podocarpus nerefolia*, *Hydnocarpus kurzii*, *Gloriosa superba*, *Entada redii*, *Hedychium coccinium* and *Vandopsis gigantea*. Observation during survey revealed that the campus area dominated by a good number of tree species. These are *Samanea saman* (Rain tree), *Swietenia mahagoni* (Mahogani), *Polyalthia longifolia* (Debdaru), *Lagerstroemia speciosa* (Jarul), *Cocos nucifera* (Coconut), *Hopea odorata* (Telsur), *Delonix regia* (Krishnachura) and *Mesua ferae* (Nageshwar). Rare occurrence of the tree species are *Butea monosperma* (Polash), *Cassia fitula* (Sonalu), *Bombax ceiba* (Shimultula),

Table 1. Plant species with scientific name, bangla name, family and habit.

Name	Bangla name	Family	Habit
<i>Ablemoschus esculentus</i> (L.) Moench	Vandi	Malvaceae	Herb
<i>Ablemoschus moschatus</i> Medic.	Mushakdana	Malvaceae	Herb
<i>Abroma augusta</i> (L.) L.f.	Ulatkamble	Sterculiaceae	Shrub
<i>Abrus precatorius</i> L.	Roti	Fabaceae	Climber
<i>Acacia moniliformis</i> Griseb.	Akash moni	Mimosaceae	Tree
<i>Acalypha hispida</i> Burm.f.	Bara hatipur	Euphorbiaceae	Shrub
<i>Acalypha indica</i> L.	Muktajuri	Euphorbiaceae	Herb
<i>Acampe papillosa</i> (Lindl.) Lindl.	Porgasha	Orchidaceae	Epiphyte
<i>Acampe rigida</i> (Buch.-Ham. ex J. E. Sm.) P.F. Hunt	Porgasha	Orchidaceae	Epiphyte
<i>Achyranthes aspera</i> L.	Upathlenga	Amaranthaceae	Herb
<i>Adansonia digitata</i> L.	Manky bread	Malvaceae	Tree
<i>Adenantha pavonina</i> L.	Roktachandon	Mimosaceae	Tree
<i>Adhatoda zeylanica</i> Medikus	Basak	Acanthaceae	Shrub
<i>Aegle marmelos</i> (L.) Corr.	Bel	Rutaceae	Tree
<i>Aganosma dichotoma</i> (Roth) K. Schum	Malatilata	Apocynaceae	Climber
<i>Agave americana</i> L.	Senchuri tree	Agavaceae	Shrub
<i>Agave cantula</i> Roxb.	Century plant	Agavaceae	Shrub
<i>Ageratum conyzoides</i> L.	Fulkuri	Asteraceae	Herb
<i>Alangium salviifolium</i> (L.f.) Wangerin	Ankora	Allangiaceae	Tree
<i>Albizia lebbbeck</i> (L.) Benth. & Hook.	Koroi	Mimosaceae	Tree
<i>Albizia procera</i> (Roxb.) Benth.	Sadakoroi	Mimosaceae	Tree
<i>Albizia richardiana</i> (Voigt.) King & Prain	Gagan shiris	Mimosaceae	Tree
<i>Alcea rosea</i> L.	Hollyhock	Malvaceae	Shrub
<i>Allamanda cathartica</i> L.	Kalkephul	Apocynaceae	Climber
<i>Allamanda nerifolia</i> Hook. f.	Harkara	Apocynaceae	Climber
<i>Allium tuberosum</i> Rottler ex Spreng.	Sadapiaz	Liliaceae	Herb
<i>Alocasia esculenta</i> (L.) Schott	Mankachu	Araceae	Herb
<i>Aloe vera</i> (L.) Burm.f.	Alovera	Aloaceae	Herb
<i>Alpinia calcarata</i> (Haworth) Rosc.	Tara	Zingiberaceae	Herb
<i>Alpinia zerumbet</i> (Pers.) Burt. & Smith	Tara	Zingiberaceae	Herb
<i>Alstonia scholaris</i> (L.) R. Br.	Chatim	Apocynaceae	Tree
<i>Alternanthera philoxeroides</i> (Mart.) Griseb	Helencha	Amaranthaceae	Herb
<i>Alternanthera sessilis</i> (L.) R. Br. ex Roem & Schult	Chanchishak	Amaranthaceae	Herb
<i>Amaranthus spinosus</i> L.	Kantanotey	Amaranthaceae	Herb
<i>Amaranthus tricolor</i> L.	Denga	Amaranthaceae	Herb
<i>Amaranthus viridis</i> L.	Noteshak	Amaranthaceae	Herb
<i>Amomum dealbatum</i> Roxb.	Bonelachi	Zingiberaceae	Herb
<i>Amorphophallus bulbifer</i> (Roxb.) Blume	Oi kachu	Araceae	Herb

Contd.

Name	Bangla name	Family	Habit
<i>Ampelgynonum microcephalum</i> (D. Don) Hassan	Madhusilum sak	Polygonaceae	Herb
<i>Ampelgynonum salarkhanii</i> Hassan	Girishobhan sak	Polygonaceae	Herb
<i>Ananas comosus</i> (L.) Merr.	Anaros	Bromiliaceae	Herb
<i>Andrographis paniculata</i> (Burm.f.) Wall.ex Nees	Kalomegh	Acanthaceae	Herb
<i>Annona reticulata</i> L.	Nona Ata	Annonaceae	Tree
<i>Annona squamosa</i> L.	Shorifa	Annonaceae	Tree
<i>Antigonon leptopus</i> Hook. et Arn.	Anantalata	Polygonaceae	Climber
<i>Antirrhinum majus</i> L.	Sanipati	Scrophulariaceae	Herb
<i>Aquilaria agallocha</i> Roxb.	Aagar	Thymeliaceae	Tree
<i>Araucaria juniper</i>	Monky puzzle tree	Araucariaceae	Tree
<i>Areca catechu</i> L.	Supari	Arecaceae	Shrub
<i>Argyrea nervosa</i> (Burm.f.) Boj.	Guguli	Convolvulaceae	Climber
<i>Arides odorata</i> Lour.	Porgasha	Orchidaceae	Epiphyte
<i>Aristolochia tagala</i> Cham.	Ishwarmul	Aristolochiaceae	Climber
<i>Artabotrys hexapetalus</i> (L.f.) Bhandari	Kanthalichampa	Annonaceae	Climber
<i>Artocarpus altilis</i> (Park.) Fosberg	Breadfruit tree	Moraceae	Tree
<i>Artocarpus chaplasha</i> Roxb.	Chapalish	Moraceae	Tree
<i>Artocarpus heterophyllus</i> Lamk.	Kanthal	Moraceae	Tree
<i>Artocarpus lakoocha</i> Roxb.	Deua	Moraceae	Tree
<i>Arundina graminifolia</i> (D.Don) Hochr.	Gassphul	Orchidaceae	Herb
<i>Asclepias curassavica</i> L.	Moricha	Asclepiadaceae	Shrub
<i>Asparagus racemosus</i> Willd.	Satamuli	Liliaceae	Climber
<i>Averrhoa belimbi</i> L.	Belimbi	Averrhoaceae	Shrub
<i>Averrhoa carambola</i> L.	kamranga	Averrhoaceae	Tree
<i>Axonopus compressus</i> (Sw.) P.	Dhakagass	Poaceae	Herb
<i>Azadirachta indica</i> A. Juss.	Neem	Meliaceae	Tree
<i>Baccaurea ramiflora</i> Lour.	Lotkon	Euphorbiaceae	Tree
<i>Bacopa monnieri</i> (L.) Pennell	Brammi	Scrophulariaceae	Herb
<i>Bambusa tulda</i> Roxb.	Bans	Poaceae	Shrub
<i>Barringtonia acutangula</i> (L.) Gaerth.	Hizol	Lecythidaceae	Tree
<i>Bauhinia acuminata</i> L.	Sadakanchan	Caesalpiniaceae	Shrub
<i>Bauhinia purpurea</i> L.	Rakta kanchan	Fabaceae	Tree
<i>Bauhinia variegata</i> L.	Lalkanchan	Caesalpiniaceae	Tree
<i>Beloperone guttata</i> (Wall.) Brandege	Chingri Gach	Acanthaceae	Herb
<i>Berrya cordifolia</i> (Willd.) Burret	Chavandalai	Tiliaceae	Tree
<i>Bixa orellana</i> L.	Jafran	Bixaceae	Shrub
<i>Blumea lacera</i> (Burm.f.) DC.	Kukurmuta	Asteraceae	Herb
<i>Boerhaavia diffusa</i> L.	Punarnova	Nyctaginaceae	Herb
<i>Bombax ceiba</i> L.	Shimultula	Bombacaceae	Tree
<i>Borassus flabellifer</i> L.	Tal	Arecaceae	Shrub
<i>Bouea oppositifolia</i> (Roxb.) Meissner	Mailam	Anacardiaceae	Tree

Contd.

Name	Bangla name	Family	Habit
<i>Bougainvillea glabra</i> Choisy	Bagan bilas	Nyctaginaceae	Climber
<i>Brownea coccinea</i> Jacq.	Supti	Caesalpiniaceae	Tree
<i>Brugmansia suaveolens</i> (Humb. & Bonpl. ex Willd.) Bercht & presl	Rajghanta	Solanaceae	Shrub
<i>Brunfelsia latifolia</i> Benth.	Brunfesia	Solanaceae	Shrub
<i>Bryophyllum daigremontianum</i> (Hamet & Perr.) A. Berger	Patharkhuchi	Crassulaceae	Herb
<i>Bryophyllum pinnatum</i> (Lamk.) Oken	Patharkuchi	Crassulaceae	Herb
<i>Bulbophyllum lilacinum</i> Ridl.	Porgasha	Orchidaceae	Epiphyte
<i>Butea monosperma</i> (Lmak.) Taub.	palash	Fabaceae	Tree
<i>Caesalpinia pulcherima</i> (L.) Swartz	Radhachura	Caesalpiniaceae	Shrub
<i>Caesalpinia sappan</i> L.	Bakam	Caesalpiniaceae	Shrub
<i>Cajanus cajan</i> (L.) Millsp.	Arhor	Fabaceae	Shrub
<i>Calendula officinalis</i> L.	kalendula	Asteraceae	Herb
<i>Caliandra emarginata</i> Benth.	Chotobetmara	Mimosaceae	Shrub
<i>Callistemon citrinus</i> (Curtis) Skeels	Bottlebrush	Myrtaceae	Tree
<i>Calotropis gigantea</i> (L.) R. Br.	Akanda	Asclepiadaceae	Shrub
<i>Calotropis procera</i> (Ait.) R. Br.	Akanda	Asclepiadaceae	Shrub
<i>Camellia sinensis</i> (L.) O. Kuntze	Cha	Theaceae	Shrub
<i>Campanumoea lancifolia</i> (Roxb.) Merr.	Atosigede	Campanulaceae	Herb
<i>Campsis radicans</i> (L.) Seem	Kolkephul	Bignoniaceae	Climber
<i>Canna indica</i> L.	Kolabati	Canaceae	Herb
<i>Cardiospermum halicacabum</i> L.	Phutka	Sapindaceae	Climber
<i>Careya herbacea</i> Roxb.	Tendupata	Lecythidaceae	Tree
<i>Careya sphaerica</i> Roxb.	Kumvi pata	Lecythidaceae	Tree
<i>Carica papaya</i> L.	Pepe	Caricaceae	Shrub
<i>Carissa carandas</i> L.	Karomsa	Apocynaceae	Shrub
<i>Caryota urens</i> L.	Caryota	Arecaceae	Shrub
<i>Cassia alata</i> L.	Dadmardon	Caesalpiniaceae	Shrub
<i>Cassia bakeriana</i> Craib	Golapi Sonalu	Caesalpiniaceae	Tree
<i>Cassia fistula</i> L.	Bandar lati	Caesalpiniaceae	Tree
<i>Cassia hirsuta</i> L.	Shapadaru	Caesalpiniaceae	Herb
<i>Cassia roxburghii</i> DC.	Lal-golapi sonalu	Caesalpiniaceae	Tree
<i>Casuarina littoralis</i> (Salisb.) L.A.S.Johnson	Jhau	Casuarinaceae	Tree
<i>Cauroupita guinensis</i>	Nagalingam	Lecythidaceae	Tree
<i>Ceiba pentandra</i> (L.) Gaertn.	Tula	Bombacaceae	Tree
<i>Celosia cristata</i> L.	Morogphul	Amaranthaceae	Herb
<i>Centella asiatica</i> (L.) Urban	Thankuni	Apiaceae	Herb
<i>Cestrum nocturnum</i> L.	Hasnahena	Solanaceae	Shrub
<i>Chlorophytum nepalens</i> (Lindl.) Baker	Klorolax	Liliaceae	Herb
<i>Chrysalidocarpus lucubensis</i> Becc.	-	Arecaceae	Shrub
<i>Chrysalidocarpus lutescens</i> (Bory) H. Wendl.	-	Arecaceae	Shrub
<i>Chrysanthemum morifolium</i> Ramat	Chandramollica	Asteraceae	Herb
<i>Chrysopogon caeculatus</i> (Retz.) Trin.	Premkanta	Poaceae	Herb

Contd.

Name	Bangla name	Family	Habit
<i>Chukrasia tabularis</i> A. Juss.	Chikrasi	Meliaceae	Tree
<i>Cinnamomum camphora</i> (L.) J. Presl	karpur	Lauraceae	Tree
<i>Cinnamomum tamala</i> Nees & Eberm.	Tejpata	Lauraceae	Tree
<i>Cinnamomum verum</i> J. S. Presl	Darchini	Lauraceae	Tree
<i>Cissus Quadrangularis</i> L.	Harjoralota	Vitaceae	Climber
<i>Citrus aurantifolia</i> (Christm. & Panzer) Swingle	Lebu	Rutaceae	Shrub
<i>Citrus maxima</i> (Burm.) Merr.	Batabi	Rutaceae	Tree
<i>Clausena heptaphylla</i> (Roxb.) Wight & Arn. ex Steud.	Panbilas	Rutaceae	Shrub
<i>Cleome gynandra</i> L.	Hurhuria	Capparaceae	Herb
<i>Cleome hassleriana</i> Chodat	Nunirleta	Capparaceae	Herb
<i>Cleome rutidosperma</i> DC.	Begunehurhurey	Capparaceae	Herb
<i>Clerodendrum chinense</i> (Osbeck) Mabblerley	Chandana bhat	Verbenaceae	Herb
<i>Clerodendrum thomsonae</i> Balf. f.	Bleeding heart	Verbenaceae	Climber
<i>Clerodendrum viscosum</i> Pers.	Bhat	Verbenaceae	Herb
<i>Clinogyne dichotoma</i> (Roxb.) Salisb. ex Benth	Sheetalpat	Marantaceae	Herb
<i>Clitoria ternatea</i> L.	Aparajita	Fabaceae	Climber
<i>Cocos nucifera</i> L.	Narikel	Arecaceae	Shrub
<i>Codiaeum variegatum</i> (L.) A. Juss.	Patabahar	Euphorbiaceae	Shrub
<i>Coffea Arabica</i> L.	Coffi	Rubiaceae	Shrub
<i>Coleus amboinicus</i> Lour.	Kolius	Lamiaceae	Herb
<i>Coleus scutellarioides</i> (L.) Benth.	Kolius	Lamiaceae	Herb
<i>Colocasia esculenta</i> (L.) Schott	Kachu	Araceae	Herb
<i>Commelina benghalensis</i> L.	Kanchira	Commelinaceae	Herb
<i>Congea tomentosa</i> Roxb.	Kongia	Verbenaceae	Climber
<i>Corchorus capsularis</i> L.	Pat	Tiliaceae	Herb
<i>Coreopsis tinctoria</i> Nutt.	Shonalipata	Asteraceae	Herb
<i>Corypha taliera</i> Roxb.	Talipalm	Arecaceae	Shrub
<i>Cosmos bipinnatus</i> Cav.	Cosmos	Asteraceae	Herb
<i>Crinum amoenum</i> Roxb.	Gangkachu	Liliaceae	Herb
<i>Crinum asiaticum</i> L.	Barakanur	Liliaceae	Herb
<i>Crinum defixum</i> Ker-Gawl.	Sukhdarshan	Liliaceae	Herb
<i>Crinum latifolium</i> L.	Sukhdarshan	Liliaceae	Herb
<i>Crossandra infundibuliformis</i> (L.) Nees	Gobbi	Acanthaceae	Shrub
<i>Croton bonplandianus</i> Baill.	Croton	Euphorbiaceae	Herb
<i>Curculigo orchiioides</i> Gaertn.	Talmuli	Liliaceae	Herb
<i>Curculigo recurvata</i> Dryand.	Talmuli	Liliaceae	Herb
<i>Curcuma longa</i> L.	Halud	Zingiberaceae	Herb
<i>Curcuma zedoaria</i> (Christm.) Rosc.	Shadi	Zingiberaceae	Herb
<i>Cuscuta reflexa</i> Roxb.	Sarnalata	Cuscutaceae	Parasite
<i>Cycas pectinata</i> Buch.-Ham.	Cycad	Cycadaceae	Shrub
<i>Cycas revolute</i> Thunb.	Sago Cycad	Cycadaceae	Shrub

Contd.

Name	Bangla name	Family	Habit
<i>Cymbidium alofolium</i> (L.) Sw.	Porgasha	Orchidaceae	Epiphyte
<i>Cynodon dactylon</i> (L.) Pers.	Durba	Poaceae	Herb
<i>Cyperus distans</i> L. f.	Panimalanga	Cyperaceae	Herb
<i>Cyperus rotundus</i> L.	Muthagass	Cyperaceae	Herb
<i>Dalbergia sissoo</i> Roxb.	Sissu	Fabaceae	Tree
<i>Datura metel</i> L.	Dutra	Solanaceae	Shrub
<i>Delonix regia</i> Rafin.	Krishna chura	Fabaceae	Tree
<i>Dendrobium aphyllum</i> (Roxb.) Fischer	Porgasha	Orchidaceae	Epiphyte
<i>Dendrobium lindleyi</i> Steud.	Porgasha	Orchidaceae	Epiphyte
<i>Dendrophthoe falcate</i> (L. f.) Etting	Phorolla	Loranthaceae	Parasite
<i>Desmodium triflorum</i> (L.) DC.	Kidaliya	Fabaceae	Herb
<i>Dianthus caryophyllus</i> L.	Jatasalpar	Caryophyllaceae	Herb
<i>Dianthus chinensis</i> L.	Chinasalpar	Caryophyllaceae	Herb
<i>Didymosperma gracilis</i> Hook. f.	-	Arecaceae	Shrub
<i>Dieffenbachia seguine</i> (Jacq.) Schott	Segubet	Araceae	Herb
<i>Dillenia indica</i> L.	Chalta	Dilleniaceae	Tree
<i>Dimocarpus longan</i> Lour.	Asphal	Sapindaceae	Tree
<i>Dioscorea belophylla</i> (Prain) Voigt ex Haines	Suprialu	Dioscoreaceae	Climber
<i>Dioscorea bulbifera</i> L.	Matialu	Dioscoreaceae	Climber
<i>Diospyros blancoi</i> A. DC.	Beelati Gab	Ebenaceae	Tree
<i>Diospyros malabarica</i> (Desr.) Kostel.	Deshi Gab	Ebenaceae	Tree
<i>Diospyros Montana</i> Roxb.	Bon gab	Ebenaceae	Tree
<i>Dipterocarpus turbinatus</i> Gaertn.	Garjon	Dipterocarpaceae	Tree
<i>Dracaena spicata</i> Roxb.	Dracena	Agavaceae	Shrub
<i>Duranta repens</i> L.	Katamehdi	Verbenaceae	Shrub
<i>Eclipta alba</i> (L.) Hassk.	Keshoraj	Asteraceae	Herb
<i>Eichhornia crassipes</i> (Mart.) Solms	Kachuripana	Pontederiaceae	Herb
<i>Elaeis guineensis</i> Jacq.	Pum oil	Arecaceae	Shrub
<i>Elaeocarpus floribundus</i> Blume	Jolpai	Elaeocarpaceae	Tree
<i>Entada rheedii</i> Spreng.	Gila	Mimosaceae	Climber
<i>Ephedra sinensis</i>	Ephedra	Ephedraceae	Shrub
<i>Eranthemum pulchellum</i> Andre.	Shukh murali	Acanthaceae	Shrub
<i>Eriobotrya japonica</i> (Thunb.) Lindl.	Lokat	Rosaceae	Tree
<i>Erythrina indica</i> Lamk.	Mandar	Fabaceae	Tree
<i>Erythrina suberosa</i> Roxb.	Mandar	Fabaceae	Tree
<i>Erythrina variegata</i> L.	Mandar	Fabaceae	Tree
<i>Eucalyptus camaldulensis</i> Dehnhardt	Eucalyptus	Myrtaceae	Tree
<i>Eupatorium ayapana</i> Vent.	-	Asteraceae	Climber
<i>Eupatorium triplinerva</i> M. Vahl.	Ayapan	Asteraceae	Herb
<i>Euphorbia antiqorum</i> L.	Katagach	Euphorbiaceae	Herb
<i>Euphorbia cotinifolia</i> L.	Tamat	Euphorbiaceae	Shrub
<i>Euphorbia hirta</i> L.	Dudhia	Euphorbiaceae	Herb
<i>Euphorbia milii</i> Des.	Katamukut	Euphorbiaceae	Shrub
<i>Euphorbia nerifolia</i> L.	Mansasij	Euphorbiaceae	Herb
<i>Euphorbia nivulia</i> F. Ham.	Patranuli	Euphorbiaceae	Shrub

Contd.

Name	Bangla name	Family	Habit
<i>Euphorbia pulcherima</i> Willd. ex Klotz	Lalpata	Euphorbiaceae	Shrub
<i>Euryale ferox</i> Salisb.	Makhna	Nymphaeaceae	Herb
<i>Evolvulus nummularius</i> (L.) L.	-	Convolvulaceae	Herb
<i>Excoecaria agallocha</i> L.	Geoa	Euphorbiaceae	Tree
<i>Ficus benghalensis</i> L.	Bat	Moraceae	Tree
<i>Ficus benjamina</i> L.	Pakur	Moraceae	Tree
<i>Ficus elastic</i> Roxb. ex Hornem	Indian rabber	Moraceae	Tree
<i>Ficus hispida</i> L. f.	Dumur	Moraceae	Tree
<i>Ficus pumila</i> L.	Latabot	Moraceae	Climber
<i>Ficus racemosa</i> L.	Jagdumur	Moraceae	Tree
<i>Ficus religiosa</i> L.	Ashwatha bot	Moraceae	Tree
<i>Ficus rumphii</i> Blume	Gai Aswatha	Moraceae	Tree
<i>Filicium decipiens</i> (Wight & Arn.) Thw.	Fern tree	Sapindaceae	Tree
<i>Fragaria vesca</i> L.	Stawberry	Rosaceae	Herb
<i>Galphimia gracilis</i> Hort. ex Bartl.	Rain of gold	Malpighiaceae	Shrub
<i>Garcinia cowa</i> Roxb. ex DC.	Kao	Clusiaceae	Tree
<i>Garcinia Morella</i> (Gaertn.) Desr.	Tomal	Clusiaceae	Tree
<i>Garcinia xanthochymus</i> Hook. f. ex T. Anders.	Dayphal	Clusiaceae	Tree
<i>Gardenia augusta</i> (L.) Merr.	Gondaraj	Rubiaceae	Shrub
<i>Geodorum citrinum</i> Jack.	Bhuifor	Orchidaceae	Herb
<i>Gerbera aurantifolia</i> Sch.-Bip.	Gerbera	Asteraceae	Herb
<i>Gerbera viridifolia</i> Sch.-Bip.	Gerbera	Asteraceae	Herb
<i>Globba multiflora</i> Wall. ex Baker	Shukh globba	Zingiberaceae	Herb
<i>Globba orixensis</i> Roxb.	Jhansi globba	Zingiberaceae	Herb
<i>Gloriosa superb</i> L.	Ulatchandal	Liliaceae	Climber
<i>Glycosmis pentaphylla</i> (Retz.) A. DC.	Motkila	Rutaceae	Shrub
<i>Glyricidia maculate</i> H. B. & K.	Basantamanzuri	Fabaceae	Tree
<i>Gmelina arborea</i> Roxb.	Gamari	Verbenaceae	Tree
<i>Gmelina philippensis</i> Cham.	Jhep gamari	Verbenaceae	Climber
<i>Gomphrena globosa</i> L.	Botamphul	Amaranthaceae	Herb
<i>Grevillea robusta</i> A. Cunn. ex R. Br.	Silver Oak	Proteaceae	Tree
<i>Grewia tiliifolia</i> Vahl.	Rakta kussum	Tiliaceae	Shrub
<i>Gustavia insignis</i> Willd. ex O. Berg.	Bugflies	Lecythidaceae	Tree
<i>Haemanthus mutiflorus</i> Martyn ex Willd.	Agniglock	Liliaceae	Herb
<i>Hedychium coccineum</i> Buch. - Hum. ex Smith	Sagor pakhi	Zingiberaceae	Herb
<i>Hedychium coronarium</i> Koen.	Dolon chapa	Zingiberaceae	Herb
<i>Helianthus annuus</i> L.	Surjamukhi	Asteraceae	Herb
<i>Helianthus debilis</i> Nutt.	Shasapati mukhi	Asteraceae	Herb
<i>Heliconia latispatha</i> Benth.	Haludkakramoni	Heliconiaceae	Herb
<i>Heliconia metallica</i> Planch. & Linden ex Hook.	Swaraga pakhi	Heliconiaceae	Herb
<i>Heliconia psittacorum</i> L. f.	Tiathuti	Heliconiaceae	Herb

Contd.

Name	Bangla name	Family	Habit
<i>Heliconia rostrata</i> Ruiz & Pavon	Chingrinomi	Heliconiaceae	Herb
<i>Heliotropium indicum</i> L.	Hatisur	Boraginaceae	Herb
<i>Hemerocallis fulva</i> L.		Liliaceae	Herb
<i>Heritiera fomes</i> Buch. – Hum.	Sundari	Sterculiaceae	Tree
<i>Heritiera littoralis</i> (Dryand.) Ait.	Sundari	Sterculiaceae	Tree
<i>Hevea brasiliensis</i> (Willd. ex A. Juss.) Muell. – Arg.	Rabar	Euphorbiaceae	Tree
<i>Hibiscus mutabilis</i> L.	Jaba	Malvaceae	Shrub
<i>Hibiscus rosa-sinensis</i> L.	Jaba	Malvaceae	Shrub
<i>Hibiscus schizopetalus</i> (Mast.) Hook. f.	Jaba	Malvaceae	Shrub
<i>Hibiscus syriacus</i> L.	Jaba	Malvaceae	Shrub
<i>Holarrhena pubescens</i> Wall. ex G. Don	Kurchi	Apocynaceae	Tree
<i>Hopea odorata</i> Roxb.	Telsur	Dipterocarpaceae	Tree
<i>Houttuynia cordata</i> Thunb.	Aistya nagini	Saururaceae	Herb
<i>Hoya parasitica</i> (Roxb.) Wall. ex Wight	Chera pata	Asclepiadaceae	Climber
<i>Hydnocarpus kurzii</i> (King) Warb.	Chalmugra	Flacourtiaceae	Tree
<i>Hydrangea macrophylla</i> (Thunb.) Serin	Hydrangea	Hydrangeaceae	Herb
<i>Hyptis suaveolens</i> (L.) Poit.	Tokma	Lamiaceae	Herb
<i>Impatiens balsamina</i> L.	Doparti	Balsamiaceae	Herb
<i>Impatiens chinensis</i> L.	Dupatra	Balsamiaceae	Herb
<i>Imperata cylendrica</i> (L.) P.Beauv.	Uluchan	Poaceae	Herb
<i>Ipomoea aquatic</i> Forssk.	Kalmi	Convolvulaceae	Herb
<i>Ipomoea batatas</i> (L.) Lamk.	Misteealu	Convolvulaceae	Climber
<i>Ipomoea fistulosa</i> Mart. ex Choisy	Dolkolmi	Convolvulaceae	Herb
<i>Ipomoea indica</i> (Burm. f.) Merr.	Deshi kalmi	Convolvulaceae	Climber
<i>Ipomoea purpurea</i> Roth	Beguni kalmi	Convolvulaceae	Climber
<i>Ipomoea quamoclit</i> L.	Gatephul	Convolvulaceae	Climber
<i>Ixora chinensis</i> Lamk.	Rangon	Rubiaceae	Shrub
<i>Ixora coccinea</i> L.	Rangan	Rubiaceae	Shrub
<i>Ixora rosea</i> Siams.	Rangan	Rubiaceae	Shrub
<i>Jacaranda mimosifolia</i> D. Don.	Jekeranda	Bignoniaceae	Tree
<i>Jasminum auriculatum</i> Vahl	Jui	Oleaceae	Climber
<i>Jasminum gradiflorum</i> L.	Chameli	Oleaceae	Climber
<i>Jasminum multiflorum</i> (Burm. f.) Andr.	Chameli	Oleaceae	Climber
<i>Jasminum sambac</i> (L.) Ait.	Bali	Oleaceae	Climber
<i>Jatropha curcas</i> L.	Baghverenda	Euphorbiaceae	Shrub
<i>Jatropha gossypifolia</i> L.	Jatropa	Euphorbiaceae	Shrub
<i>Jatropha integerrima</i> Jacq.	Jayati	Euphorbiaceae	Shrub
<i>Justicia gendarussa</i> Burm. f.	Jagathmordan	Acanthaceae	Shrub
<i>Kaempferia rotunda</i> L.	Buichapa	Zingiberaceae	Herb
<i>Kalanchoe blossfeldiana</i> V. Poelln.	Lalpatharkuchi	Crassulaceae	Herb
<i>Kalanchoe laciniata</i> (L.) Pers.	Himsagar	Crassulaceae	Herb
<i>Khaya anthotheca</i> (Welw.) C.DC.	Lambu	Meliaceae	Tree
<i>Kigelia africana</i> (Lam.) Benth.	Sausage tree	Bignoniaceae	Tree
<i>Kyllinga brevifolia</i> Rottb.	Mraa-shey	Cyperaceae	Herb

Contd.

Name	Bangla name	Family	Habit
<i>Laffa cylindrica</i> M.Roem.	Dundul	Cucurbitaceae	Climber
<i>Lagerstroemia macrocarpa</i> Wall.	Betuajarul	Lythraceae	Tree
<i>Lagerstroemia speciosa</i> (L.) Pers.	Jarul	Lythraceae	Tree
<i>Lagerstroemia thorelli</i> Gagnep.	Jarul	Lythraceae	Tree
<i>Lagerstromia indica</i> L.	Pink Cheri	Lythraceae	Shrub
<i>Lannea coromandelica</i> (Houtt.) Merr.	Bhadi	Anacardiaceae	Tree
<i>Lantana camara</i> L.	Lantana	Verbenaceae	Herb
<i>Laportea interrupta</i> (L.) Chew	Lalbichuti	Urticaceae	Herb
<i>Lawsonia inermis</i> L.	Mehedi	Lythraceae	Shrub
<i>Leea macrophylla</i> Roxb. ex Hornem.	Haustikorna	Leeaceae	Herb
<i>Lemonia acidissima</i> L.	Kaudbel	Rutaceae	Tree
<i>Leonurus sibiricus</i> L.	Roktodron	Lamiaceae	Herb
<i>Leucaena leucocephala</i> (Lamk.) de Wit	Epilepil	Mimosaceae	Tree
<i>Leucas lavandulaefolia</i> Smith	Dandakalash	Lamiaceae	Herb
<i>Licuala grandis</i> H. Wendl.	Kurujpata	Arecaceae	Shrub
<i>Limnocharis flava</i> (L.) Buchen. In Bremen	Lettece pana	Limnocharitaceae	Herb
<i>Litchi chinensis</i> Sonn.	Lichu	Sapindaceae	Tree
<i>Litsea glutinosa</i> (Lour.) Robinson	Menda	Lauraceae	Tree
<i>Litsea monopetala</i> (Roxb.) Pers.	Huaria	Lauraceae	Tree
<i>Livistona chinensis</i> R. Br.	China tokopata	Arecaceae	Shrub
<i>Lobelia radicans</i> Thunb.	Radhika lobel	Campanulaceae	Herb
<i>Lonicera japonica</i> Thunb.	Modhu lonicera	Caprifoliaceae	Climber
<i>Macaranga peltata</i> (Roxb.) Muell. – Arg.	Bora	Euphorbiaceae	Tree
<i>Madhuca indica</i> Gmel.	Mohua	Sapotaceae	Tree
<i>Magnolia grandiflora</i> L.	Udaychampa	Magnoliaceae	Tree
<i>Magnolia pterocarpa</i> Roxb.	Dulichampa	Magnoliaceae	Tree
<i>Malpigia coccigera</i> L.	Kanta malphigia	Malpigiaceae	Shrub
<i>Malvaviscus arboreus</i> Cav.		Malvaceae	Shrub
<i>Mangifera indica</i> L.	Aam	Anacardiaceae	Tree
<i>Mangifera sylvatica</i> Roxb.	Uriam	Anacardiaceae	Tree
<i>Manihot esculenta</i> Crantz	Kasava	Euphorbiaceae	Shrub
<i>Manilkara zapota</i> (L.) P. van Royen	Sofeda	Sapotaceae	Tree
<i>Mansoa alliacea</i> (Lamk.) A.H. Gentry	Rasun lata	Bignoniaceae	Climber
<i>Maranta arundinacea</i> L.	Arrarot	Marantaceae	Herb
<i>Melia sempervirens</i> (L.) Sw.	Gora neem	Meliaceae	Tree
<i>Mellettia peguensis</i> Ali	Millettia	Fabaceae	Tree
<i>Melocanna baccifera</i> (Roxb.) Kurz	Mulibans	Poaceae	Shrub
<i>Melotia corchorifolia</i> L.	Tikiokra	Sterculiaceae	Herb
<i>Memecylon edule</i> Roxb.	Enjan	Melastomaceae	Shrub
<i>Mesua nagassarium</i> (Burm. f.) Kosterm	Nageshor	Clusiaceae	Tree
<i>Michelia champaca</i> L.	Sharna chapa	Magnoliaceae	Tree
<i>Millingtonia hortensis</i> L. f.	Akash Neem	Bignoniaceae	Tree
<i>Mimosa diplotricha</i> C. Wright ex Sauv.	Lazzabati	Mimosaceae	Herb

Contd.

Name	Bangla name	Family	Habit
<i>Mimosa pudica</i> L.	Lazzabati	Mimosaceae	Herb
<i>Mimusops elengi</i> L.	Bakul	Sapindaceae	Tree
<i>Mirabilis jalapa</i> L.	Sandhyamalati	Nyctaginaceae	Herb
<i>Molineria recurvate</i> (Dryand.) Herbert.	Sati pata	Liliaceae	Herb
<i>Momordica cochinchinensis</i> (Lour.) Spreng.	Kakrol	Cucurbitaceae	Climber
<i>Moras alba</i> L.	Tut	Moraceae	Tree
<i>Morinda angustifolia</i> Roxb.	Rong gash	Rubiaceae	Shrub
<i>Moringa oleifera</i> Lamk.	sajina	Moringaceae	Tree
<i>Murraya koenigii</i> (L.) Spreng.	Karipata	Rutaceae	Shrub
<i>Murraya paniculata</i> (L.) Jack	Kamini	Rutaceae	Tree
<i>Musa paradisiacal</i> L.	Kach kola	Musaceae	Herb
<i>Musa sapientum</i> L.	kola	Musaceae	Herb
<i>Mussaenda frondosa</i> L.	Nagaboli	Rubiaceae	Shrub
<i>Mussenda erythrophylla</i> Schum. & Thonn.	Lalmussenda	Rubiaceae	Shrub
<i>Mussenda glabra</i> Vahl	Mussenda	Rubiaceae	Herb
<i>Nelumbo nucifera</i> Gaertn.	Padma	Nelumbonaceae	Herb
<i>Neolamarkia cadamba</i> (Roxb.) Bossier	Cadam	Rubiaceae	Tree
<i>Nephelium lappaceum</i> L.	Rambuthan	Sapindaceae	Tree
<i>Neptunia oleracea</i> Lour.	Panilazzabati	Mimosaceae	Herb
<i>Nerium oleander</i> L.	Roktakarobi	Apocynaceae	Shrub
<i>Nicotiana plumbaginifolia</i> Viv.	Botamak	Solanaceae	Herb
<i>Nyctanthes arbor-tristis</i> L.	Shephaly	Oleaceae	Shrub
<i>Nymphaea capensis</i> Thunb.	Nil-shapla	Nymphaeaceae	Herb
<i>Nymphaea rubra</i> Roxb. ex Andr.	Lalshapla	Nymphaeaceae	Herb
<i>Ocimum americanum</i> L.	Ramtulsi	Lamiaceae	Herb
<i>Ocimum basilicum</i> L.	Babuitulsi	Lamiaceae	Herb
<i>Ocimum tenuiflorum</i> L.	Kalotulsi	Lamiaceae	Herb
<i>Oplismenus burmanii</i> (Retz.) P. Beauv.	Jabridurba	Poaceae	Herb
<i>Opuntia dillenii</i> Haw.	Phanimanasa	Cactaceae	Herb
<i>Oroxylum indicum</i> (L.) Kurz	Thona	Bignoniaceae	Tree
<i>Oxalis corymbosa</i> DC.	Golapiamrul	Oxalidaceae	Herb
<i>Oxalis latifolia</i> H. B. & K.	Amrul	Oxalidaceae	Herb
<i>Paederia foetida</i> L.	Gandhaveduli	Rubiaceae	Climber
<i>Pancratium verecundum</i> Ait.	Gor-rashun	Liliaceae	Herb
<i>Pandanus foetidus</i> Roxb.	Keya	Pandanaceae	Shrub
<i>Passiflora coccinea</i> Aublet	Laljhumko lata	Passifloraceae	Climber
<i>Passiflora edulis</i> Sims	Tankfal	Passifloraceae	Climber
<i>Passiflora suberosa</i> L.	Mela jhumka	Passifloraceae	Climber
<i>Pavetta indica</i> L.	Kathchapa	Rubiaceae	Shrub
<i>Pedilanthus tithymaloides</i> Poit.	-	Euphorbiaceae	Herb
<i>Peltophorum pterocarpum</i> (DC.) K. Heyne	Halud krishnachura	Caesalpinaceae	Tree
<i>Pentas lanceolata</i> (Forssk.) Deflers	Pentus	Rubiaceae	Herb
<i>Peperomia pellusida</i> (L.) H.B. & K.	Peperomia	Peperomiaceae	Herb
<i>Persea Americana</i> P. Mill.	Avocado	Lauraceae	Tree

Contd.

Name	Bangla name	Family	Habit
<i>Petra volubilis</i> L.	Nilmonilota	Verbenaceae	Climber
<i>Phaius tankervillei</i> (Banks ex L'Her.) Blume	Tankaphai orchid	Orchidaceae	Herb
<i>Phlogacanthus thyriformis</i> Roxb. ex D.J. Mabberley	Rambashak	Acanthaceae	Shrub
<i>Phlox drummondii</i> Hook.	Phlox	Polygalaceae	Herb
<i>Phoenix sylvestris</i> Roxb.	Khejur	Arecaceae	Shrub
<i>Pholidota pallida</i> Sensus Holttum	Porgasha	Orchidaceae	Epiphyte
<i>Phyllanthus acidus</i> (L.) Skeels	Orbori	Euphorbiaceae	Tree
<i>Phyllanthus emblica</i> L.	Amloki	Euphorbiaceae	Tree
<i>Phyllanthus niruri</i> L.	Bhuaimla	Euphorbiaceae	Herb
<i>Phyllanthus reticulatus</i> Poir.	Sitki	Euphorbiaceae	Shrub
<i>Physalis minima</i> L.	Potpoti	Solanaceae	Herb
<i>Pilea microphylla</i> (L.) Leibm.	Latamaricha	Urticaceae	Herb
<i>Pinus caribaea</i> Morelet	Pine	Pinaceae	Tree
<i>Pinus kesiya</i> Royle ex Gordon	Pine	Pinaceae	Tree
<i>Piper betle</i> L.	Pan	Piperaceae	Climber
<i>Piper chaba</i> Hunter	Chui	Piperaceae	Climber
<i>Piper longum</i> L.	Pipul	Piperaceae	Herb
<i>Piper nigrum</i> L.	Goalmorich	Piperaceae	Climber
<i>Pithecellobium dulce</i> (Roxb.) Benth	Khaibabla	Mimosaceae	Tree
<i>Pitunia hybrid</i> Hort. ex Vilm.	Pitnia	Solanaceae	Herb
<i>Plumbago capensis</i> Thunb.	Nilcheeta	Plumbaginaceae	Herb
<i>Plumbago zeylanica</i> L.	Chita	Plumbaginaceae	Herb
<i>Plumeria alba</i> L.	Gorurchampa	Apocynaceae	Tree
<i>Plumeria obtuse</i> L.	Katgolap	Apocynaceae	Tree
<i>Plumeria rubra</i> L.	Katgolap	Apocynaceae	Tree
<i>Podocarpus neriifolius</i> D. Don	Banspata	Podocarpaceae	Tree
<i>Pogostemon parviflorus</i> Benth.	Nugpachuli	Lamiaceae	Herb
<i>Polyalthia longifolia</i> (Sonn.) Thw.	Debdaru	Annonaceae	Tree
<i>Polyalthia penduriformis</i>	Debdaru	Annonaceae	Tree
<i>Pongamia pinnata</i> (L.) Pierre	Koroj	Fabaceae	Tree
<i>Portulaca grandiflora</i> Hook.	Chotoluinna	Portulacaceae	Herb
<i>Pothos scandens</i> L.	Sunat	Araceae	Climber
<i>Pouzolzia zeylanica</i> (Linnaeus) Bennett	Cylonizolzi	Urticaceae	Herb
<i>Premna bengalensis</i> C.B. Clarke	Pakihara	Verbenaceae	Tree
<i>Premna esculenta</i> Roxb.	Lalongpata	Verbenaceae	Shrub
<i>Psidium araca</i> Raddi	Tokpeara	Myrtaceae	Shrub
<i>Psidium Chinense</i> Lodd. ex Loud.	Chinese peara	Myrtaceae	Shrub
<i>Psidium guajava</i> L.	Peara	Myrtaceae	Tree
<i>Ptilotrichum ferrugineum</i> (Roxb.) Moq. – Tand.	Putishak	Amaranthaceae	Herb
<i>Pterocarpus indicus</i> Willd.	Padauk	Fabaceae	Tree
<i>Pterygota alata</i> (Roxb.) R. Br.	Buddhu narikel	Sterculiaceae	Tree
<i>Ptychosperma macarthurii</i> (Becc. ex Rader Macher) H. Wendl.	Arhtar palm	Arecaceae	Herb
<i>Punica granatum</i> L.	Dalim	Punicaceae	Shrub

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Name	Bangla name	Family	Habit
<i>Putranjiva roxburghii</i> Wall.	Zeaputa	Euphorbiaceae	Tree
<i>Quisqualis indica</i> L.	Madhurilata	Combretaceae	Climber
<i>Rauwolfia tetraphylla</i> L.	Bara chadar	Apocynaceae	Shrub
<i>Rauwolfia serpentine</i> (L.) Benth. ex Kurz	Sarpagandha	Apocynaceae	Herb
<i>Ravenala madagascariensis</i> J.F. Gmel.	Panthpadap	Strelitziaceae	Herb
<i>Rhaphidophora aurea</i> (Linden & Andr) Birdsey	Money plant	Araceae	Climber
<i>Rhaphidophora pertusa</i> (Roxb.) Schott	Tusafido	Araceae	Climber
<i>Rhapis excels</i> Henry ex Rehder	Gurital	Arecaceae	Shrub
<i>Rhynchosyris retusa</i> (L.) Blume	Porgasha	Orchidaceae	Epiphyte
<i>Ricinus communis</i> L.	Bherenda	Euphorbiaceae	Shrub
<i>Rivina humilis</i> L.	Raivina	Phytolaccaceae	Herb
<i>Rosa alba</i> L.	Sadagolap	Rosaceae	Shrub
<i>Rosa centifolia</i> L.	Pink golap	Rosaceae	Shrub
<i>Rosa chinensis</i> Jacq.	Kantagolap	Rosaceae	Shrub
<i>Rosa damascenes</i> Mill.	Golap	Rosaceae	Shrub
<i>Roystonea regia</i> O.F. Cook	Royel pum	Arecaceae	Shrub
<i>Ruellia malacosperma</i> Greenm.	Malaghatni	Acanthaceae	Herb
<i>Ruellia tuberosa</i> L.	Chatpoty	Acanthaceae	Herb
<i>Salvia splendens</i> Sellow ex Roem. & Schult	Shumo salvia	Lamiaceae	Herb
<i>Samanea saman</i> (Jacq.) Merr.	Rain tree	Mimosaceae	Tree
<i>Santalum album</i> L.	Chandan	Santalaceae	Tree
<i>Sapindus danura</i> (Roxb.) Voigt	Sapindus	Sapindaceae	Shrub
<i>Sapindus saponaria</i> L.	Ritha	Sapindaceae	Tree
<i>Saraca indica</i> L.	Ashok	Fabaceae	Tree
<i>Scoparia dulcis</i> L.	Bondhane	Scrophulariaceae	Herb
<i>Senna siamea</i> (Lamk.) Irwin & Barneby	Minjori	Caesalpiniaceae	Tree
<i>Senna surattensis</i> (Burm.f.) Irwin & Barneby	Suratisena	Caesalpiniaceae	Shrub
<i>Senna tora</i> (L.) Roxb.	Terasena	Caesalpiniaceae	Herb
<i>Sequoia sempervirens</i> (D. Don) Endl.	Redwood tree	Cupressaceae	Tree
<i>Sesamum indicum</i> L.	Til	Pedaliaceae	Herb
<i>Sesbania grandiflora</i> (L.) Poir.	Bakful	Fabaceae	Shrub
<i>Sida cordifolia</i> L.	Bala	Malvaceae	Herb
<i>Sida rhombifolia</i> L.	Kureta	Malvaceae	Herb
<i>Smilax perfoliata</i> Lour.	Kumarilata	Smilacaceae	Climber
<i>Smilax zeylanica</i> L.	Kumarilata	Smilacaceae	Climber
<i>Solanum melongena</i> L.	Begun	Solanaceae	Herb
<i>Solanum nigrum</i> L.	Titbegun	Solanaceae	Herb
<i>Solanum sissymbriifolium</i> Lamk.	Kanta begun	Solanaceae	Herb
<i>Solanum torvum</i> Swartz	Gotabegun	Solanaceae	Shrub
<i>Spathiphyllum wallisii</i> Regel	Shanto lily	Araceae	Herb
<i>Spathodea campanulata</i> Beauv.	Pakhiful	Bignoniaceae	Tree
<i>Spathoglottis plicata</i> Blume	Kantaglotis	Orchidaceae	Herb

Contd.

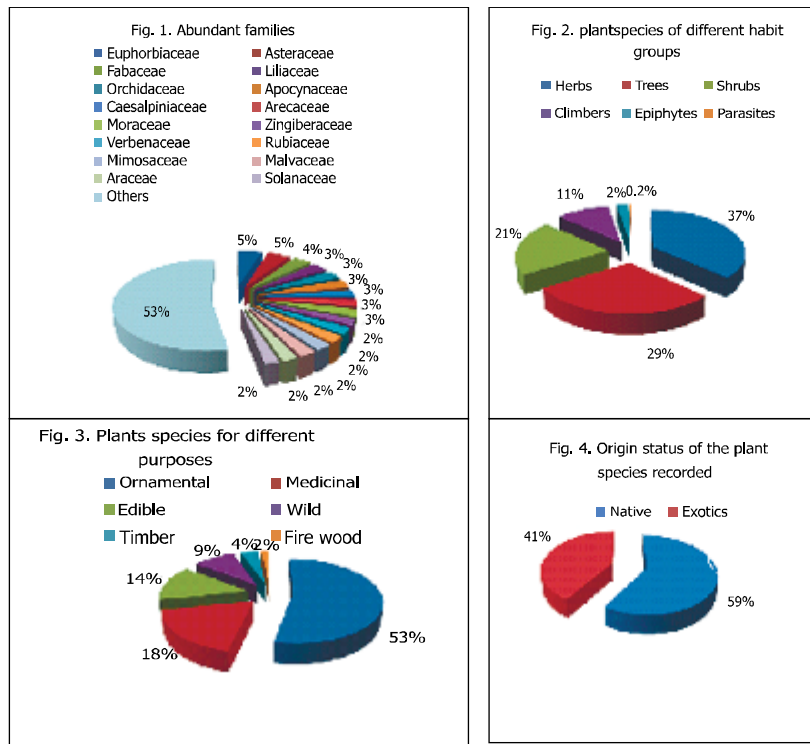
Name	Bangla name	Family	Habit
<i>Spilanthes acmella</i> auct. Non L., Thw.	Marhatitiga	Asteraceae	Herb
<i>Spondias pinnata</i> (L.f.) Kurz	Amra	Anacardiaceae	Tree
<i>Stemona tuberosa</i> Lour.	Lalguraniaalu	Stemonaceae	Climber
<i>Sterculia foetida</i> L.	Jonglibadam	Sterculiaceae	Tree
<i>Sterculia villosa</i> Roxb. ex Smith	Udal	Sterculiaceae	Tree
<i>Stereospermum personatum</i> (Hassk.) Chatterjee	Parul	Bignoniaceae	Tree
<i>Streblus asper</i> Lour.	Shewra	Moraceae	Tree
<i>Strelitzia reginae</i> Ait.	Sarger pakhi	Strelitziaceae	Herb
<i>Strychnos nux-vomica</i> L.	Nuxvom	Loganiaceae	Tree
<i>Swietenia macrophylla</i> King	Mehegoni	Meliaceae	Tree
<i>Swietenia mahagoni</i> Jacq.	Mehegoni	Meliaceae	Tree
<i>Swintonia floribunda</i> Griff.	Civit	Anacardiaceae	Tree
<i>Synedrella nodiflora</i> (L.) Gaertn.	Relanodi	Asteraceae	Herb
<i>Syngonium macrophyllum</i> Engl.	Baroslatakachu	Araceae	Climber
<i>Syngonium podophyllum</i> Schott	Podolata kachu	Araceae	Herb
<i>Syzygium aqueum</i> (Burm.f.) Alston	Jambo	Myrtaceae	Tree
<i>Syzygium cumini</i> (L.) Skeels	Kalo-jam	Myrtaceae	Tree
<i>Syzygium jambos</i> (L.) Alston	Golap-jam	Myrtaceae	Tree
<i>Syzygium samarangense</i> (Blume) Marr. & Perry	Jamrul	Myrtaceae	Tree
<i>Tabernaemontana corymbosa</i> Roxb. ex Wall.	Tagor	Apocynaceae	Shrub
<i>Tabernaemontana divaricata</i> (L.) R. Br. ex Roem. & Schult.	Tagor	Apocynaceae	Shrub
<i>Tacca chantrieri</i> Andr.	Tacca	Taccaceae	Herb
<i>Tacca integrifolia</i> Ker- Gawl.	Tacca	Taccaceae	Herb
<i>Tacca plantaginea</i> (Hance) Drenth	Tacca	Taccaceae	Herb
<i>Tagetes erecta</i> L.	Gada	Asteraceae	Herb
<i>Tagetes patula</i> L.	Gada	Asteraceae	Herb
<i>Tamarindus indica</i> L.	Tetul	Caesalpiniaceae	Tree
<i>Tectona grandis</i> L. f.	Segun	Verbenaceae	Tree
<i>Terminalia arjuna</i> (Roxb. ex DC.) Wight & Arn.	Arjun	Combretaceae	Tree
<i>Terminalia bellirica</i> (Gaertn.) Roxb.	Bohera	Combretaceae	Tree
<i>Terminalia catappa</i> L.	Katbadam	Combretaceae	Tree
<i>Terminalia chebula</i> Retz.	Horitaki	Combretaceae	Tree
<i>Tetrastigma angustifolium</i> (Roxb.) Planch.	Sarupati lata	Vitaceae	Climber
<i>Theobroma cacao</i> L.	Coco	Byttneriaceae	Shrub
<i>Thevetia peruviana</i> (Pers.) K. Schum.	Haldekarobi	Apocynaceae	Shrub
<i>Thuja orientalis</i> (L.) Franco	Thuja	Cupressaceae	Shrub
<i>Thunbergia erecta</i> (Benth.) T. Anders.	Nilghanta	Acanthaceae	Shrub
<i>Tinospora cordifolia</i> (Willd.) Hook.f. & Thoms.	Gulancha	Menispermaceae	Climber
<i>Tinospora crispa</i> (L.) Hook.f. & Thoms	Gulancha	Menispermaceae	Climber

Contd.

Name	Bangla name	Family	Habit
<i>Tithonia tagetiflora</i> Desf.	Arora	Asteraceae	Herb
<i>Toona ciliata</i> M. Roem.	Toon	Meliaceae	Tree
<i>Torenia fournieri</i> Lind. exourn.	-	Scrophulariaceae	Herb
<i>Trema orientalis</i> (L.) Blume	Jibon	Ulmaceae	Tree
<i>Tridax procumbens</i> L.	Tridara	Asteraceae	Herb
<i>Triumfetta rhomboidea</i> Jacq.	bonokra	Tiliaceae	Herb
<i>Tropaeolum majus</i> L.	Tropaeolum	Tropaeolaceae	Herb
<i>Typhonium trilobatum</i> (L.) Schott	Ghetukachu	Araceae	Herb
<i>Uraria crinita</i> (L.) Desv. ex DC.	Diangleja	Fabaceae	Herb
<i>Uraria picta</i> (Jacq.) Desv. ex DC.	Sankarjata	Fabaceae	Herb
<i>Urena lobata</i> L.	Bonokra	Malvaceae	Herb
<i>Urginea indica</i> (Roxb.) Kunth	Beach piaz	Liliaceae	Herb
<i>Vanda tassellata</i> (Roxb.) Hook.f. ex G. Don	Porgasha	Orchidaceae	Epiphyte
<i>Vanda teres</i> (Roxb.) Lindl.	Porgasha	Orchidaceae	Epiphyte
<i>Vandopsis gigantean</i> (Lindl.) Pfitz	Porgasha	Orchidaceae	Epiphyte
<i>Vanilla parishii</i> Reichb.f.	Vanila	Orchidaceae	Climber
<i>Vernonia patula</i> (Aiton) Merrill	Saravarnon	Asteraceae	Herb
<i>Vitex negundo</i> L.	Nishinda	Verbenaceae	Shrub
<i>Vitex trifolia</i> L.f.	Neelnishinda	Verbenaceae	Shrub
<i>Vitis vinifera</i> L.	Angur	Vitaceae	Climber
<i>Wedelia chinensis</i> (Osbeck) Merr.	Bhimraj	Asteraceae	Herb
<i>Wedelia trilobata</i> (L.) A.S. Hitech.	Wadella	Asteraceae	Herb
<i>Willoughbeia edulis</i> Roxb.	Lotaam	Apocynaceae	Climber
<i>Wrightia coccinea</i> (Roxb.) Sims	Pallam	Apocynaceae	Tree
<i>Xanthium indicum</i> Koen. ex Roxb.	Ghagra	Asteraceae	Herb
<i>Xanthosoma violaceum</i> Schott	Dudkachu	Araceae	Herb
<i>Zanthoxylum rhetsa</i> (Roxb.) DC.	Bajna	Rutaceae	Tree
<i>Zephyranthes candida</i> (Lindl.) Herbert	Sada gashful	Liliaceae	Herb
<i>Zephyranthes minuta</i> (Kunth) D. Dietr	Golapi gashful	Liliaceae	Herb
<i>Zephyranthes tubispatha</i> (L'Her.) Herbert ex Traub	Holde gashful	Liliaceae	Herb
<i>Zingiber montanum</i> (Koen.) Dietr.	Bonada	Zingiberaceae	Herb
<i>Zingiber officinale</i> Rosc.	Ada	Zingiberaceae	Herb
<i>Zingiber zerumbet</i> (L.) Smith	Ekangi	Zingiberaceae	Herb
<i>Zinia elegans</i> Jacq.	Zinia	Asteraceae	Herb
<i>Zinia pauciflora</i> L.	Zinia	Asteraceae	Herb
<i>Ziziphus mauritiana</i> Lamk.	Boroi	Rhamnaceae	Tree
<i>Ziziphus oenoplia</i> (L.) Mill.	Bonboroi	Rhamnaceae	Shrub
<i>Ziziphus rugosa</i> Lamk.	Bonboroi	Rhamnaceae	Shrub

Diospyros malabarica (Deshigab), *Garcinia cowa* (Kao), *Baccaurea ramiflora* (Lotkon), *Sterculia villosa* (Udal), and *Sterculia foetida* (Basketbadam) were also observed. The oldest trees in the campus mainly are *Samanea saman* (Rain tree), *Albizia recharidiana* (Rajkoroi), *Polyalthia longifolia* (Debdaru), *Hopea odorata* (Telsur), *Pterocarpus indica* (Padauk), *Mangifera indica* (Aam), *Petrigota alata* (BuddaNarikel), *Cocos nucifera*

(Narikel), *Swietenia mahagoni* (Mahogany), *Tamarindus indica* (Tamarind), *Roystonea regia* (Royal palm) and *Diospyros malabarica* (Dehsigab). Some plants in the campus play an important role to promote biodiversity by providing resting, nesting and feeding sites. Most noteworthy species is *Hopea odorata* that provides resting and nesting sites for kites whereas *Litsea glutinosa*, *Butea monosperma* and *Ficus benghalensis* provide feeding sites to a good number of native birds. The DU campus also serves as refuge center for many rare, exotic and threatened species (Plate 1).



The present floristic survey in the campus is very preliminary in nature. Record of 541 species in a small land of DU campus is the indication richness in one component of diversity. However, extensive and intensive survey may increase the total number of species in the campus area. The individual representation in the species is very unequal. This is because of preference in the choice to select individuals for plantation. Long term study is needed to make distribution map of all tree species in the campus using GIS techniques. It is very difficult to make sound conclusion based on the present results. DU campus can be served as the refuge centre for the threatened plants of Bangladesh.



Plate 1. Some rare, exotic and threatened species planted and growing in DU campus.

As the area is protected, priority should be given on native threatened plant species during plantation. Presence of exotic plant species in the campus area is the challenge for future natural environment of campus. Gradually exotic replacement can be done by planting native multipurpose plant species. Some first growing soft wood trees are found in the campus area. Such species creates hazard to students and public life during natural disasters and even causes of death. Immediate management plan should be taken for those species. If necessary, cutting, treading, dressing and even replacement can be done. To increase the aesthetic view of the campus, plant species with different flowering times should be planted. Plant taxonomist should be involved in the management committee to look after the plant diversity in the campus.

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