

## AN ASSESSMENT OF THE ANGIOSPERMIC FLORA OF RAMGARH UPAZILA OF KHAGRACHHARI DISTRICT, BANGLADESH

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*Keywords:* Assessment; Angiospermic flora; Khagrachhari; Bangladesh.

### Abstract

The paper focuses on the qualitative assessment of angiospermic flora of Ramgarh upazila of Khagrachhari district conducted during May 2005 to September 2006. A total of 243 species belonging to 195 genera under 75 families were recorded. Magnoliopsida is represented by 60 families, 156 genera and 192 species, whereas Liliopsida by 15 families, 39 genera and 51 species. Fabaceae is the largest family in Magnoliopsida represented by 16 species and, in Liliopsida, Poaceae is the largest family with 17 species.

### Introduction

Ramgarh upazila of Khagrachhari district is a part of greater Chittagong Hill Tracts of Bangladesh. The upazila lies between 22°51' and 23°02' N latitudes and 91°43' and 91°59' E longitudes. It is bounded by Indian state of Tripura and Matiranga upazila of Bangladesh on the north, Manikchhari and Lakshmichhari upazilas on the south, Mahalchhari upazila on the east and Fatikchhari upazila on the west. Total area of the upazila is about 207.69 sq km (Lavlu, 2003).

Ramgarh upazila consists of many hills of different altitudes with an average elevation of 180 m above the sea level (Rizvi, 1969). The soil is reddish-yellowish sandy or sandy loam, mixed with scattered magniferous iron ore, huge humus throughout the forest but its degree of accumulation varies from place to place depending on topography, usually more deposition is found on flat land and on the bed of *chhari* (hilly streams) and less on the undulating hills. At high altitude, soil is compact and hard when it is dry; but soil is sandy and soft at low altitude. Soil pH varies from 4.5 to 6.0 (Rizvi, 1969). The climate is sub-tropical, with a long dry season extending from November to May, punctuated by largely unpredictable periods of rainstorm from June to September, the south-west monsoon provide the majority of the average annual rainfall of about 1815 mm. Maximum temperature is 38.8°C recorded in April and minimum temperature is 9°C recorded in January (Bangladesh Meteorological Department, personal communication). The humidity on the whole is very high throughout the year.

Once the vegetation of Ramgarh upazila belonged to an evergreen and semi-evergreen forest (Choudhury, 1975). With the changing of time such vegetations are cleared. Now the flora of the upazila represented by homestead gardens, road-side plantations, monocultural plantation in the denuded hills, remaining scraft bushy jungles, bamboo bushes, sun grasses, tea estates, rubber plantations, and fruit gardens.

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Although there have been some published works (Heinig, 1925; Khan and Banu, 1969, 1972; Uddin *et al.*, 1998) on the flora of the Chittagong Hill Tracts, no work exclusively on the Ramgarh upazila is available. To assess the angiospermic flora of Ramgarh upazila before further loss of present biodiversity of the area, the present attempt has been made.

### Materials and Methods

The work is based on fresh materials collected during four visits to Ramgarh upazila from May 2005 to September 2006 to cover the seasonal variations. The visits covered all types of habitats, particularly hill-top, slope, foot-hills, valleys, village grove, fruit gardens and streams of the study area. Each trip lasted for eight days. Plant parts with either flowers or fruits collected using traditional herbarium techniques to make voucher specimens for documentation. Field identification of the collected specimens was confirmed comparing with herbarium specimens at Dhaka University Herbarium (DUH) and Bangladesh National Herbarium (DACB). In some cases, standard literature such as Hooker (1872-1897), Prain (1903), and Uddin and Hassan (2004) were consulted for identification purpose. The specimens are deposited in the Dhaka University Herbarium (DUH) for future reference.

### Results and Discussion

In the present survey, a total of 243 angiospermic species under 195 genera and 75 families were recorded for Ramgarh upazila. Magnoliopsida is represented by 60 families, 156 genera and 192 species, while Liliopsida is represented by 15 families, 39 genera and 51 species. Habit-wise itemization of plant species shows that 36% of the total species are represented by herbs, 30% by trees, 22% by shrubs, 10% by climbers, and 2% by epiphytes and parasites.

The families have been arranged according to Cronquist (1981). The genera under each family and the species under each genus are arranged in an alphabetic order. For each species, nomenclature has been brought up-to-date; local name(s) (wherever available) and a short annotation are also provided. Tippara, Marma, and Chakma (major indigenous communities of the area) and Bangla names of the species are indicated by (t), (m), (c) and (b), respectively.

#### Magnoliopsida (Dicots)

##### 1. Magnoliaceae

**Michelia champaca** L., Sp. Pl.: 536 (1753). *Local name: Changab* (m). A large or middle-sized tree. *Representative specimen: Halfchhari, 07.05.05, Rafiqul Islam 29* (DUH).

## 2. Annonaceae

**Annona squamosa** L., Sp. Pl.: 537 (1753). *Local name: Sharifa* (b). A small tree. *Representative specimen: Halfchhari, 25.12.05, Rafiqul Islam 203 (DUH). Cultivated.*

**Uvaria hamiltonii** Hook. f. & Thoms., Fl. Ind. 1: 96 (1820). *Local names: Kola* (b), *Tufaru* (t). A large climber. *Representative specimens: Halfchhari, 07.05.05, Rafiqul Islam 4 (DUH); Ramgarh, 11.05.05, Rafiqul Islam 152 (DUH).*

## 3. Lauraceae

**Cinnamomum camphora** Prain, Beng. Pl. 2: 673 (1903). *Local name: Karpur* (b). A medium tree. *Representative specimen: Pathachhara, 09.05.05, Rafiqul Islam 83 (DUH). Cultivated.*

**Dehaasia kurzii** King *ex* Hook. f., Fl. Brit. Ind. 5: 125 (1886). *Local name: Modon mosto* (b). A tall tree. *Representative specimen: Ramgarh, 11.05.05, Rafiqul Islam 135 (DUH).*

**Litsea monopetala** (Roxb.) Pers., Syn. Pl. 2 (1): 4 (1807). *Tetranthera monopetala* Roxb., Pl. Corom. 2: 26 (1800). *Local name: Menda buphang* (t). A medium-sized tree. *Representative specimen: Ramgarh, 09.09.06, Rafiqul Islam 270 (DUH).*

## 4. Piperaceae

**Piper longum** L., Sp. Pl. 1: 28 (1753). *Local name: Pepul* (b). A perennial herb, branches with swollen nodes. *Representative specimen: Halfchhari, 25.12.05, Rafiqul Islam 212 (DUH).*

**Piper nigrum** L., Sp. Pl. 1: 28 (1753). *Local name: Gol marich* (b). A climber. *Representative specimens: Pathachhara, 10.05.05, Rafiqul Islam 118 (DUH); Ramgarh, 21.12.05, Rafiqul Islam 168 (DUH). Cultivated.*

## 5. Aristolochiaceae

**Aristolochia tagala** Cham., Linnaea 7: 207 (1832). *Local name: Ishwarmul* (b). A glabrous climber. *Representative specimens: Pathachhara, 11.09.06, Rafiqul Islam 344 (DUH); Ramgarh, 11.05.05, Rafiqul Islam 133 (DUH).*

## 6. Menispermaceae

**Stephania japonica** (Thunb.) Miers, Ann. Mag. Nat. Hist. Ser. 3, 18: 14 (1866). *Menispermum japonicum* Thunb., Fl. Jap.: 193 (1784). *Local name: Maknadi* (b). A slender climber. *Representative specimen: Halfchhari, 17.09.06, Rafiqul Islam 383 (DUH).*

**Tinospora sinensis** (Lour.) Merr., Sunyatsenia 1: 193 (1934). *Campylus sinensis* Lour., Fl. Cochinch.: 113 (1790). *Local name: Padmo gulanca* (b). A climbing shrub. *Representative specimen: Halfchhari, 25.12.05, Rafiqul Islam 219 (DUH).*

#### 7. Papaveraceae

**Argemone mexicana** L., Sp. Pl. 508 (1753). *Local name: Sialkanta* (b). An annual herb. *Representative specimen: Ramgarh, 11.05.05, Rafiqul Islam 155 (DUH).*

#### 8. Ulmaceae

**Trema orientalis** (L.) Bl., Mus. Bot. Lugd.-Bat. 2: 63 (1856). *Celtis orientalis* L., Sp. Pl.: 1044 (1753). *Local names: Bonanalia* (b), *Narsa* (b). An ever-green, small tree. *Representative specimens: Halfchhari, 25.12.05, Rafiqul Islam 201 (DUH); Pathachhara, 09.05.05, Rafiqul Islam 87 (DUH).*

#### 9. Moraceae

**Artocarpus chaplasha** Roxb., Fl. Ind. 3: 525 (1832). *Local names: Champlate* (t), *Chapalish* (b). A lofty, deciduous tree. *Representative specimen: Pathachhara, 09.05.05, Rafiqul Islam 90 (DUH).*

**Artocarpus heterophyllus** Lamk., Encycl. Meth. 3: 209 (1789). *Local name: Kanthal* (b). An ever-green tree. *Representative specimen: Ramgarh, 09.05.05, Rafiqul Islam 39 (DUH).* Cultivated.

**Ficus heterophylla** L. f., Suppl. Pl.: 442 (1781). *Local name: Bhuidumur* (b). A hispid, scandent shrub. *Representative specimen: Halfchhari, 07.05.05, Rafiqul Islam 09 (DUH).*

**Ficus hirta** Vahl, Enum. Pl. 2: 201 (1806). *Local name: Pakur* (b). A bushy tree. *Representative specimen: Ramgarh, 09.05.05, Rafiqul Islam 68 (DUH).*

**Ficus hispida** L. f., Suppl. Pl.: 442 (1781). *Local name: Kakdumur* (b). A low tree. *Representative specimen: Ramgarh, 09.05.05, Rafiqul Islam 42 (DUH).*

**Ficus infectoria** Roxb., Fl. Ind. 2: 643 (1824). *Local names: Pakur* (b), *Takthu* (t). A giant, spreading tree. *Representative specimen: Ramgarh, 09.05.05, Rafiqul Islam 38 (DUH).*

**Ficus nervosa** Heyne *ex* Roth in Roem. *et* Schult., Syst. Veg. 1: 513 (1817). A large tree. *Representative specimen: Halfchhari, 09.05.05, Rafiqul Islam 71 (DUH).*

**Ficus religiosa** L., Sp. Pl.: 1059 (1753). *Local names: Ashathwa, Peepal* (b). A large tree. *Representative specimens: Pathachhari, 09.05.05, Rafiqul Islam 88 (DUH); Ramgarh, 17.09.06, Rafiqul Islam 354 (DUH).*

**10. Urticaceae**

**Dendrocnide sinuata** (Blume) Chew, Gard. Bull. Singh. 21: 206 (1965). *Local name:* *Chutrapata* (b). A shrub. *Representative specimen:* Ramgarh, 09.09.06, Rafiqul Islam 291 (DUH).

**Sarcochlamys pulcherrima** Gaud., Voy. Bot. t. 89 (1826). A shrub or small tree. *Representative specimens:* Halfchhari, 07.05.05, Rafiqul Islam 02 (DUH); Pathachhari, 11.09.06, Rafiqul Islam 351 (DUH).

**Streblus asper** Lour., Fl. Cochin. 2: 615 (1790). *Local name:* *Shaora* (b). A bushy tree. *Representative specimen:* Pathachhara, 22.12.05, Rafiqul Islam 193 (DUH).

**11. Fagaceae**

**Quercus semiserrata** Roxb., Fl. Ind. ed. 2, 3: 641 (1832). *Local names:* *Goorja-batna*, *Rai-batna* (b). A medium to large-sized tree. *Representative specimen:* Pathachhara, 22.12.05, Rafiqul Islam 188 (DUH).

**12. Amaranthaceae**

**Alternanthera sessilis** (L.) DC., Cat. Pl. Hort. Monspel.: 77 (1813). A herb, usually decumbent or prostrate. *Representative specimen:* Ramgarh, 09.09.06, Rafiqul Islam 224 (DUH).

**Amaranthus spinosus** L., Sp. Pl. 1: 991 (1753). *Local name:* *Kanta-note* (b). An annual, erect, spinescent herb. *Representative specimen:* Ramgarh, 21.12.05, Rafiqul Islam 176 (DUH).

**Amaranthus viridis** L., Sp. Pl. ed. 2: 1405 (1753). *Local name:* *Note sak* (b). An annual, erect or decumbent, small, slender herb. *Representative specimen:* Ramgarh, 09.05.05, Rafiqul Islam 49 (DUH).

**13. Polygonaceae**

**Persicaria hydropiper** (L.) Spach., Hist. Veg. 10: 536 (1841). *Polygonum hydropiper* L., Sp. Pl.: 361 (1753). *Local name:* *Pakurmul* (b). An annual herb. *Representative specimens:* Halfchhari, 17.09.06, Rafiqul Islam 385 (DUH); Ramgarh, 11.05.05, Rafiqul Islam 139 (DUH).

**Persicaria minor** (Huds.) Opiz, Seenam, Rosplin, Kbeteny, Ceske: 72 (1852). *Polygonum minus* Huds., Fl. Angl. 1: 148 (1762). An annual, erect or ascending herb. *Representative specimen:* Pathachhara, 09.05.05, Rafiqul Islam 84 (DUH).

**14. Dilleniaceae**

**Dillenia indica** L., Sp. Pl.: 535 (1753). *Local name:* *Chalta* (b). A tree. *Representative specimen:* Ramgarh, 09.05.05, Rafiqul Islam 69 (DUH).

### 15. Dipterocarpaceae

**Dipterocarpus alatus** Roxb., Fl. Ind. 2: 614 (1824). *Local name:* Dhulia garjan (b). A tall tree. *Representative specimen:* Ramgarh, 21.12.05, Rafiqul Islam 166 (DUH).

**Dipterocarpus turbinatus** Gaertn., De Fruct. 3: 51 (1805). *Local name:* Garjan (b). A lofty tree. *Representative specimen:* Ramgarh, 11.05.05, Rafiqul Islam 136 (DUH).

### 16. Theaceae

**Schima wallichii** Choisy, Mem. Soc. Phys. Genev. 14: 144 (1855). *Local name:* Bonak (t). A large tree. *Representative specimens:* Halfchhari, 17.09.06, Rafiqul Islam 6 (DUH); Ramgarh, 17.09.06, Rafiqul Islam 369 (DUH).

### 17. Clusiaceae (Guttiferae)

**Garcinia cowa** Roxb., Fl. Ind. 2: 622 (1824). *Local name:* Kowphal (b). A tree. *Representative specimens:* Halfchhari, 17.09.06, Rafiqul Islam 390 (DUH); Pathachhara, 09.05.05, Rafiqul Islam 77 (DUH).

### 18. Elaeocarpaceae

**Elaeocarpus tectorius** Poir., Enc. Suppl. 2: 704 (1812). *Local name:* Jalpai (b). A tree. *Representative specimen:* Ramgarh, 21.12.05, Rafiqul Islam 167 (DUH). Cultivated.

### 19. Tiliaceae

**Microcos paniculata** L., Sp. Pl. 1: 514 (1753). *Local names:* Assar, Dattoi (b). A shrub to small tree. *Representative specimen:* Halfchhari, 07.05.05, Rafiqul Islam 36 (DUH).

### 20. Sterculiaceae

**Abroma augusta** (L.) L. f., Suppl. Pl.: 341 (1781). *Theobroma augusta* L., Syst. ed. 12: 233 (1767). *Local name:* Ulatkambal (b). A shrub. *Representative specimens:* Halfchhari, 25.12.05, Rafiqul Islam 220 (DUH); Pathachhara, 09.09.05, Rafiqul Islam 89 (DUH). Cultivated.

**Buettneria pilosa** Roxb., Fl. Ind. 2: 681 (1824). *Local name:* Harbhanga lata (b). A climbing shrub. *Representative specimen:* Pathachhara, 22.12.05, Rafiqul Islam 192 (DUH).

**Firmiana colorata** (Roxb.) R. Br. in Benn., Pl. Jav. Rar.: 235 (1844). *Sterculia colorata* Roxb., Pl. Corom. 1: 26, t. 25 (1795). *Local name:* Udal (b). A medium-sized tree. *Representative specimen:* Ramgarh, 09.05.05, Rafiqul Islam 50 (DUH).

### 21. **Bombacaceae**

**Bombax ceiba** L., Sp. Pl.: 511 (1753). *Local name: Shimul tula* (b). A large tree with buttress base. *Representative specimens:* Halfchhari, 17.09.06, Rafiqul Islam 376 (DUH); Ramgarh, 21.12.05, Rafiqul Islam 180 (DUH).

### 22. **Malvaceae**

**Hibiscus sabdariffa** L., Sp. Pl.: 695 (1753). An annual herb. *Representative specimen:* Halfchhari, 07.05.05, Rafiqul Islam 8 (DUH). Cultivated.

**Sida cordata** (Burm. f.) Boriss., Blumea 14 (1): 182 (1966). *Melochia cordata* Burm. f., Fl. Ind. 143 (1768). *Local name: Junka* (b). An annual, slender, prostrate or ascending herb. *Representative specimen:* Pathachhara, 11.09.06, Rafiqul Islam 347 (DUH).

**Urena lobata** L., Sp. Pl.: 692 (1753). *Local names: Banokra* (t), *Pungi* (m). An undershrub. *Representative specimen:* Halfchhari, 07.05.05, Rafiqul Islam 7 (DUH).

### 23. **Lecythidaceae**

**Careya arborea** Roxb., Pl. Corom. 3: 14, t. 218 (1811). *Local names: Gadila* (m), *Kamba* (t). A low tree. *Representative specimen:* Pathachhara, 09.05.05, Rafiqul Islam 86 (DUH).

### 24. **Flacourtiaceae**

**Flacourtia jangomas** (Lour.) Raeusch., Nom. Bot. ed. 3: 290 (1797). *Stigmarota jangomas* Lour., Fl. Cochinch.: 634 (1790). *Local name: Pina gola* (b). A small, ever-green tree. *Representative specimens:* Halfchhari, 25.12.05, Rafiqul Islam 258 (DUH); Pathachhara, 09.05.05, Rafiqul Islam 79 (DUH).

### 25. **Bixaceae (Cochlospermataceae)**

**Bixa orellana** L., Sp. Pl.: 512 (1753). *Local names: Cowabupang* (t), *Pahari lotka* (b). A small, ever-green tree. *Representative specimen:* Halfchhari, 17.09.06, Rafiqul Islam 370 (DUH). Cultivated.

### 26. **Passifloraceae**

**Passiflora foetida** L., Sp. Pl.: 959 (1753). *Local names: Jhumkolata* (b), *Pokki* (t). A climbing, slender shrub. *Representative specimen:* Ramgarh, 11.05.05, Rafiqul Islam 138 (DUH).

### 27. Cucurbitaceae

**Coccinia grandis** (L.) Voigt, Hort. Suburb. Calcut.: 59 (1845). *Bryonia grandis* L., Mant. Pl. 1: 126 (1767). *Local names: Kawajhinga* (t), *Telakucha* (b). A climber. *Representative specimen: Ramgarh, 11.09.06, Rafiqul Islam 130 (DUH).*

### 28. Sapotaceae

**Achras sapota** L., Sp. Pl. ed. 2: 470 (1753). *Local name: Safeda* (b). A medium-sized tree. *Representative specimen: Pathachhara, 11.09.06, Rafiqul Islam 265 (DUH).* Cultivated.

**Madhuca longifolia** (Koenig) Macbride, Contrib. Gray Herb. n. s. 53: 17 (1918). *Bassia longifolia* Koenig (1771). A long tree. *Representative specimen: Ramgarh, 09.05.05, Rafiqul Islam 32 (DUH).*

### 29. Myrsinaceae

**Ardisia solanacea** Roxb., Pl. Corom.: 27, t. 27 (1795). *Local name: Banjam* (b). An erect shrub. *Representative specimen: Halfchhari, 25.12.05, Rafiqul Islam 221 (DUH).*

### 30. Mimosaceae

**Acacia concinna** (Willd.) DC., Prodr. 2: 464 (1825). *Mimosa concinna* Willd., Sp. Pl. 4: 1039 (1805). *Local name: Banritha* (b). A bushy, spiny climber. *Representative specimen: Ramgarh, 11.05.05, Rafiqul Islam 162 (DUH).*

**Acacia nilotica** (L.) Delile subsp. **indica** (Benth.) Brenan in Kew Bull. 12: 84 (1957). *Mimosa nilotica* L., Sp. Pl.: 152 (1753). *Local name: Babul* (b). A tree. *Representative specimens: Halfchhari, 25.12.05, Rafiqul Islam 211 (DUH); Pathachhara, 09.05.05, Rafiqul Islam 75 (DUH).* Cultivated.

**Adenanthera pavonina** L., Sp. Pl. 1: 377 (1753). *Local name: Raktachandan* (b). A medium to large, deciduous tree. *Representative specimen: Pathachhara, 22.12.05, Rafiqul Islam 194 (DUH).* Cultivated.

**Albizia chinensis** (Osbeck) Merr., Amer. J. Bot. 3: 575 (1916). *Mimosa chinensis* Osbeck, Degbok Ostind. Resa.: 233 (1757). *Local names: Koroi* (b), *Kulmabuphang, Mashkala* (t). A tall tree. *Representative specimen: Pathachhara, 11.09.06, Rafiqul Islam 315 (DUH).*

**Albizia procera** Benth. in Hook., London J. Bot. 3: 89 (1844). *Local name: Buth koroi* (b). A medium-sized tree. *Representative specimens: Pathachhara, 11.09.06, Rafiqul Islam 304 (DUH); Ramgarh, 09.05.05, Rafiqul Islam 59 (DUH).*

**Mimosa pudica** L., Sp. Pl.: 518 (1753). *Local name: Lojjabati* (b). A prickly, woody herb. *Representative specimen: Halfchhari, 25.12.05, Rafiqul Islam 202 (DUH).*



**Pithecellobium angulatum** Benth. in Hook., London J. Bot. 3: 208 (1844). A short tree. *Representative specimen*: Pathachhara, 11.09.06, Rafiqul Islam 336 (DUH).

### 31. Caesalpinaceae

**Bauhinia scandens** L., Sp. Pl.: 344 (1753). *Local names*: *Gundilata* (b), *Kanson* (t). An extensive, ever-green, woody climber. *Representative specimen*: Ramgarh, 11.05.05, Rafiqul Islam 140 (DUH).

**Caesalpinia pulcherrima** (L.) Swartz., Obs. Bot. Ind. Occ.: 166 (1791). *Poinciana pulcherrima* L. (1751). *Local name*: *Radhachura* (b). An unarmed, handsome shrub. *Representative specimen*: Halfchhari, 07.05.05, Rafiqul Islam 30 (DUH). Cultivated.

**Cassia fistula** L., Sp. Pl.: 377 (1753). *Local names*: *Askhi*, *Badarlathi* (b). A short tree. *Representative specimen*: Ramgarh, 09.05.05, Rafiqul Islam 57 (DUH).

**Delonix regia** Rafin., Fl. Tellur. 2: 92 (1836). *Local names*: *Golmohar*, *Krishnachura* (b). A medium-sized, handsome, deciduous tree. *Representative specimen*: Halfchhari, 07.05.05, Rafiqul Islam 25 (DUH). Cultivated.

**Senna sophera** (L.) Roxb., Fl. Ind. 2: 347 (1832). *Cassia sophera* L., Sp. Pl.: 379 (1753). *Local names*: *Chotokalkesunde* (b), *Jhingi* (t). A much branched shrub or undershrub. *Representative specimen*: Halfchhari, 25.12.05, Rafiqul Islam 204 (DUH).

**Senna tora** (L.) Roxb., Fl. Ind. 2: 340 (1832). *Cassia tora* L., Sp. Pl.: 376 (1753). *Local name*: *Lasiabupang* (t). A perennial, erect, foetid, often profusely branched herb or undershrub. *Representative specimen*: Ramgarh, 09.09.06, Rafiqul Islam 275 (DUH).

**Tamarindus indica** L., Sp. Pl.: 34 (1753). *Local name*: *Tentul* (b). A tree. *Representative specimen*: Pathachhara, 10.05.05, Rafiqul Islam 114 (DUH).

### 32. Fabaceae (Papilionaceae)

**Aeschynomene indica** L., Sp. Pl.: 713 (1753). *Local name*: *Katshola* (b). Erect herb or undershrub. *Representative specimens*: Halfchhari, 17.09.06, Rafiqul Islam 365 (DUH); Ramgarh, 11.05.05, Rafiqul Islam 160 (DUH).

**Atylosia scarabaeoides** Benth. in Miq., Pl. Jungh. 1: 242 (1852). *Local name*: *Banurkala* (b). A herbaceous twiner. *Representative specimen*: Halfchhari, 25.12.05, Rafiqul Islam 199 (DUH).

**Cajanus cajan** (L.) Millsp., Columb. Mus. Bot. 2: 53 (1900). *Cytisus cajan* L., Sp. Pl.: 739 (1753). *Local name*: *Orhor* (b). A shrub. *Representative specimen*: Ramgarh, 11.05.05, Rafiqul Islam 126 (DUH). Cultivated.

**Crotalaria pallida** Aiton, Hort. Kew. 2: 20 (1789). *Local names*: *Bara jhanjhani*, *Dangkok* (t). An annual herb. *Representative specimen*: Pathachhara, 11.09.06, Rafiqul Islam 326 (DUH).

**Dalbergia elegans** Benth. in Miq., Pl. Jungh. 1: 252 (1852). *Local name: Singribish lata* (b). A climber. *Representative specimen: Halfchhari, 17.09.06, Rafiqul Islam 360 (DUH). Cultivated.*

**Dalbergia sissoo** Roxb., Fl. Ind. 3: 223 (1832). *Local names: Shimaki* (t), *Sisso* (b). A tree. *Representative specimen: Ramgarh, 09.05.05, Rafiqul Islam 70 (DUH). Cultivated.*

**Dalbergia volubilis** Roxb., Pl. Corom. 2: 48, t. 191 (1805). *Local names: Dad bari* (b), *Purangbuphag* (t). A scandent shrub. *Representative specimen: Pathachhara, 11.09.06, Rafiqul Islam 311 (DUH).*

**Desmodium gangeticum** (L.) DC., Prodr. 2: 327 (1825). *Hedysarum gangeticum* L., Sp. Pl.: 746 (1753). *Local name: Satpani* (b). A suberect undershrub. *Representative specimen: Halfchhari, 17.09.06, Rafiqul Islam 362 (DUH).*

**Desmodium polycarpum** DC., Prodr. 2: 334 (1825). An undershrub. *Representative specimen: Pathachhara, 09.05.05, Rafiqul Islam 76 (DUH).*

**Desmodium pulchellum** (L.) Benth., Fl. Hongk.: 83 (1861). *Hedysarum pulchellum* L. in Roxb., Fl. Ind. 3: 361 (1832). *Local name: Juta-salpani* (b). A shrub. *Representative specimen: Ramgarh, 11.05.05, Rafiqul Islam 63 (DUH).*

**Erythrina ovalifolia** Roxb., Fl. Ind. 3: 251 (1832). *Local name: Mandar* (b). A deciduous, small tree. *Representative specimen: Pathachhara, 22.12.05, Rafiqul Islam 199 (DUH).*

**Flemingia strobilifera** R. Br. in Ait., Hort. Kew. ed. 2 (4): 350 (1812). An erect shrub. *Representative specimen: Halfchhari, 25.12.05, Rafiqul Islam 200 (DUH).*

**Mucuna pruriens** (L.) DC., Prodr. 2: 405 (1825). *Dolichos pruriens* L. in Stickman, Dis. Herb. Fl. Amboin.: 23 (1754). *Local names: Al-kushi* (b), *Amukhatubupang* (t). A large climber. *Representative specimen: Ramgarh, 09.05.05, Rafiqul Islam 61 (DUH).*

**Phaseolus trilobatus** Hook. f., Fl. Brit. Ind. 2: 201 (1876). *Local name: Mugani* (t). Twiner, usually herbaceous. *Representative specimen: Pathachhara, 22.12.05, Rafiqul Islam 195 (DUH).*

**Pueraria phaseoloides** (Roxb.) Benth., J. Linn. Soc. Bot. 9: 125 (1867). *Dolichos phaseoloides* Roxb., Fl. Ind. 3: 316 (1832). A herbaceous, pubescent climber. *Representative specimen: Ramgarh, 21.12.05, Rafiqul Islam 70 (DUH).*

**Uraria lagopodioides** (L.) Desv., Mem. Soc. Linn. Paris 4: 309 (1829). *Hedysarum lagopodioides* L., Sp. Pl. 1198 (1753). *Local name: Latachakuley* (b). A creeping, woody herb. *Representative specimen: Ramgarh, 09.05.05, Rafiqul Islam 57 (DUH).*

### 33. Lythraceae

**Daubanga grandiflora** Roxb., Fl. Ind. 2: 503 (1832). *Local name: Kasshabupang* (t). A large tree. *Representative specimen: Halfchhari, 07.05.05, Rafiqul Islam 19 (DUH).*

**Lagerstroemia parviflora** Roxb., Pl. Corom. 1: 47, t. 66 (1795). *Local names*: Tila jalifung (t), Tila jarul (b). A small, bushy tree. *Representative specimen*: Pathachhara, 11.09.06, Rafiqul Islam 316 (DUH).

**Lagerstroemia speciosa** (L.) Pers., Syn. 2: 72 (1807). *Munchausia speciosa* L., Mant. Pl. 2: 243 (1771). *Local name*: Jarul (b). A large, deciduous tree. *Representative specimen*: Ramgarh, 11.05.05, Rafiqul Islam 144 (DUH).

**Woodfordia fruticosa** Kurz, Journ. As. Soc. Beng. 11: 56 (1871). A shrub. *Representative specimen*: Pathachhara, 22.12.05, Rafiqul Islam 191 (DUH).

#### 34. Myrtaceae

**Psidium guajava** L., Sp. Pl.: 470 (1753). *Local name*: Piyara (b). Large shrub or small tree. *Representative specimen*: Pathachhara, 11.09.06, Rafiqul Islam 339 (DUH). Cultivated.

**Syzygium claviflorum** (Roxb.) A.M. Cowan & J.M. Cowan, Trees N. Bengal: 67 (1929). *Eugenia claviflora* Roxb., Fl. Ind. 2: 488 (1832). *Local name*: Khorula jam (b). A tree. *Representative specimen*: Halfchhari, 07.05.05, Rafiqul Islam 15 (DUH).

**Syzygium fruticosum** (Roxb.) DC., Prodr. 3: 260 (1828). *Eugenia fruticosa* Roxb., Fl. Ind. 2: 87 (1832). *Local name*: Titi jam (b). A small tree. *Representative specimen*: Ramgarh, 11.05.05, Rafiqul Islam 127 (DUH).

**Syzygium jambos** (L.) Alston in Trimen Handb. Fl. Ceylon 6: 115 (1931). *Eugenia jambos* L., Sp. Pl.: 470 (1753). *Local name*: Gulab jam (b). A medium-sized tree. *Representative specimen*: Halfchhari, 07.05.05, Rafiqul Islam 30 (DUH). Cultivated.

**Syzygium malaccense** (L.) Merr. & L. M. Perry, J. Arnold Arbor. 19: 215 (1938). *Eugenia malaccensis* L., Sp. Pl.: 470 (1753). *Local name*: Bon jamrul (b). A shrub or small tree. *Representative specimen*: Pathachhara, 10.05.05, Rafiqul Islam 103 (DUH).

**Syzygium samarangense** (Blume) Merr. & L. M. Perry, J. Arnold Arbor. 19: 115, 216 (1938). *Myrtus samarangensis* Blume, Bijdr.: 1084 (1826). *Local name*: Jamrul (b). A small tree. *Representative specimen*: Pathachhara, 10.05.05, Rafiqul Islam 97 (DUH). Cultivated.

#### 35. Onagraceae

**Ludwigia adscendens** (L.) Hara, J. Jap. Bot. 28: 290 (1953). *Jussiaea abyssinica* L., Mant. 1: 69 (1767). *Local name*: Keshardam (b). A creeping aquatic herb. *Representative specimen*: Halfchhari, 25.12.05, Rafiqul Islam 223 (DUH).

**Ludwigia hyssopifolia** (G. Don) Exell., Garica de Orta 5: 471 (1957). *Jussiaea hyssopifolia* G. Don, Gen. Syst. 2: 693 (1832). A branched herb. *Representative specimen*: Ramgarh, 11.05.05, Rafiqul Islam 153 (DUH).

### 36. Melastomataceae

**Melastoma malabathricum** L., Sp. Pl.: 390 (1753). *Local names: Datranga, Lutki* (b). A shrub. *Representative specimen: Ramgarh, 11.05.05, Rafiqul Islam 128 (DUH).*

### 37. Combretaceae

**Anogeissus acuminata** (Roxb. ex DC.) Guill. & Perr., Fl. Seneg. Tent. 1: 280 (1832). *Conocarpus acuminatus* Roxb. ex DC., Prodr. 3: 16 (1828). *Local names: Chakua* (b), *Hiuri* (t). A tree. *Representative specimen: Pathachhara, 10.05.05, Rafiqul Islam 103 (DUH); Ramgarh, 21.12.05, Rafiqul Islam 173 (DUH).*

**Calycopteris floribunda** (Roxb.) Lamk., Enc. Meth. Bot. Suppl. 2: 41 (1811). *Getonia floribunda* Roxb., Pl. Corom. 1: 61, t. 87 (1798). *Local name: Goache lata* (b). A dense shrub. *Representative specimen: Halfchhari, 07.05.05, Rafiqul Islam 14 (DUH).*

**Combretum acuminatum** Roxb., Fl. Ind. ed. 2: 228 (1824). A large, scandent shrub. *Representative specimens: Pathachhara, 22.12.05, Rafiqul Islam 190 (DUH); Ramgarh, 11.05.05, Rafiqul Islam 163 (DUH).*

**Terminalia arjuna** (Roxb. ex DC.) Wt. & Arn., Prodr.: 314 (1834). *Pentaptera arjuna* Roxb. ex DC., Prodr. 3: 14 (1828). *Local name: Arjun* (b). A medium-sized tree. *Representative specimen: Ramgarh, 11.05.05, Rafiqul Islam 165 (DUH). Cultivated.*

**Terminalia bellirica** (Gaertn.) Roxb., Pl. Corom. 2: 54, t. 198 (1805). *Myrobalanus bellerica* Gaertn., De. Fruct. Semi. 2: 90, t. 97 (1791). *Local names: Bohera* (b), *Shiba* (t). A tree. *Representative specimen: Halfchhari, 07.05.05, Rafiqul Islam 05 (DUH).*

**Terminalia chebula** Retz., Obs. Bot. 5: 31 (1789). *Local name: Haritaki* (b). A large tree. *Representative specimen: Pathachhara, 10.05.05, Rafiqul Islam 99 (DUH).*

### 38. Sapindaceae

**Cardiospermum halicacabum** L., Sp. Pl. ed. 1: 366 (1753). Climbing herb. *Representative specimen: Ramgarh, 11.05.05, Rafiqul Islam 150 (DUH).*

### 39. Euphorbiaceae

**Acalypha indica** L., Sp. Pl.: 1003 (1753). *Local name: Muktajhuri* (b). A small robust or woody herb. *Representative specimen: Ramgarh, 09.09.06, Rafiqul Islam 242 (DUH).*

**Aporosa wallichii** Hook. f., Fl. Brit. Ind. 5: 350 (1885). *Local name: Kamba* (t). A medium-sized tree. *Representative specimen: Halfchhari, 07.05.05, Rafiqul Islam 12 (DUH).*

**Baccaurea ramiflora** Lour., Fl. Cochinch.: 661 (1790). *Local name: Latka* (b). A small tree. *Representative specimen: Ramgarh, 09.05.05, Rafiqul Islam 58 (DUH).*

- Breynia retusa** (L.) Spreng., Syst. Veg. 3: 48 (1829). *Clusia retusa* L., Sp. Pl.: 1024 (1753). *Local name*: *Silpati* (b). A medium-sized tree. *Representative specimen*: Ramgarh, 11.05.05, Rafiqul Islam 149 (DUH).
- Bridelia stipularis** (L.) Blume, Bijdr.: 597 (1826). *Clusia stipularis* L., Mant. Pl.: 127 (1767). *Local names*: *Harinhara* (b), *Kantakui* (t). A subscandent shrub. *Representative specimen*: Ramgarh, 25.12.05, Rafiqul Islam 73 (DUH).
- Croton bonplandianus** Bill., Adansonia 4: 339 (1864). *Local name*: *Moricha* (b). An annual herb. *Representative specimens*: Halfchhari, 22.12.05, Rafiqul Islam 190 (DUH); Pathachhara, 09.05.05, Rafiqul Islam 81 (DUH).
- Euphorbia hirta** L., Sp. Pl.: 454 (1753). *Local name*: *Dudhia* (b). An annual, usually robust, erect or ascending herb. *Representative specimens*: Pathachhara, 11.09.06, Rafiqul Islam 312 (DUH) ; Ramgarh, 11.05.05, Rafiqul Islam 157 (DUH).
- Glochidion multiloculare** (Roxb. ex Willd.) Muell.-Arg., Linnaea 32: 59 (1863). *Agyneia multilocularis* Roxb. ex Willd., Neue Schr. Ges. Naturf. Freunde Berlin 4: 206 (1803). *Local name*: *Keura* (t). A small tree. *Representative specimen*: Ramgarh, 09.05.05, Rafiqul Islam 44 (DUH).
- Macaranga denticulata** (Blume) Muell.-Arg. in DC., Prodr. 15 (2): 1000 (1886). *Mappa denticulata* Blume, Bijdr.: 625 (1825). *Local name*: *Bura* (t). A small, ever-green tree. *Representative specimen*: Ramgarh, 09.05.05, Rafiqul Islam 54 (DUH).
- Mallotus philippensis** (Lamk.) Muell.-Arg., Linnaea 34 (1): 196 (1865). *Croton philippensis* Lamk., Encycl. Meth. 5: 298 (1804). *Local name*: *Moinbura* (b). A medium-sized tree. *Representative specimen*: Pathachhara, 10.05.05, Rafiqul Islam 96 (DUH).
- Phyllanthus embelica** L., Sp. Pl.: 982 (1753). *Local name*: *Amloki* (b). A small or middle-sized tree. *Representative specimen*: Pathachhara, 10.05.05, Rafiqul Islam 113 (DUH). Cultivated.
- Phyllanthus fraterous** Webster, Contr. Gray Herb. 176: 53 (1955). *Phyllanthus niruri* senu Hook. f., Fl. Brit. Ind. 5: 298 (1887). *Local name*: *Bhui amla* (b). A herb. *Representative specimen*: Pathachhara, 22.12.05, Rafiqul Islam 186 (DUH).
- Phyllanthus reticulatus** Poir. in Lamk., Encycl. Meth. B. 5: 298 (1804). *Local name*: *Sitki panku* (b). A large, scandent shrub. *Representative specimens*: Pathachhara, 22.12.05, Rafiqul Islam 197 (DUH); Ramgarh, 21.12.05, Rafiqul Islam 181 (DUH).
- Phyllanthus urinaria** L., Sp. Pl.: 982 (1753). An erect, glabrous, annual herb. *Representative specimen*: Halfchhari, 07.05.05, Rafiqul Islam 01 (DUH).
- Ricinus communis** L., Sp. Pl.: 1007 (1753). *Local name*: *Rerhi* (b). An ever-green shrub. *Representative specimen*: Halfchhari, 07.05.05, Rafiqul Islam 21 (DUH).

**40. Rhamnaceae**

**Zizyphus mauritiana** Lamk., *Encycl.* 3: 319 (1789). *Local name:* *Boroi* (b). A small, much branched tree. *Representative specimens:* Halfchhari, 07.05.05, Rafiqul Islam 13 (DUH); Pathachhara, 22.12.05, Rafiqul Islam 198 (DUH).

**41. Leeaceae**

**Leea aequata** L., *Mant. Pl.* 1: 124 (1767). *Leea hirta* Roxb., *Fl. Ind.* 2: 469 (1824). *Local name:* *Pagolgota gach* (b). A shrub. *Representative specimen:* Ramgarh, 09.09.06, Rafiqul Islam 250 (DUH).

**42. Vitaceae**

**Cayratia trifolia** (L.) Domin, *Biblioth. Bot.* 89: 371 (1927). *Vitis trifolia* L., *Sp. Pl.*: 203 (1753). *Local name:* *Amal-lata* (b). A slender, herbaceous climber with swollen rootstock. *Representative specimen:* Halfchhari, 17.09.06, Rafiqul Islam 393 (DUH).

**Cissus quadrangularis** L., *Syst. Nat. ed.* 12 (2): 124 (1767). *Local names:* *Harjora lata*, *Kumor lata* (b). A herbaceous plant. *Representative specimen:* Ramgarh, 11.05.05, Rafiqul Islam 124 (DUH).

**Cissus repens** Lamk., *Encycl. Math. Bot.* 1: 31 (1783). *Local names:* *Jangli angur* (b), *Marmaria-pata* (t). A large, glabrous, herbaceous climber with quadrangular stem. *Representative specimens:* Pathachhara, 10.05.05, Rafiqul Islam 104 (DUH); Ramgarh, 21.12.05, Rafiqul Islam 169 (DUH).

**43. Burseraceae**

**Bursera serrata** Wall. *ex Colebr.*, *Trans. Linn. Soc.* 15: 361, t. 4 (1827). *Local name:* *Nule* (b). A medium-sized tree. *Representative specimens:* Halfchhari, 07.05.05, Rafiqul Islam 03 (DUH); Pathachhara, 11.09.06, Rafiqul Islam 341 (DUH).

**44. Anacardiaceae**

**Lannea coromandelica** (Houtt.) Merr., *J. Arnold Arbor.* 19: 353 (1938). *Dialium coromandelicum* Houtt., *Nat. Hist.* 2: 39, t. 5, f. 2 (1774). *Local names:* *Jika* (t), *Kaphila* (m). A medium-sized, deciduous tree. *Representative specimens:* Pathachhara, 09.05.05, Rafiqul Islam 85 (DUH); Ramgarh, 11.05.05, Rafiqul Islam 156 (DUH).

**Spondias pinnata** (L. f.) Kurz, *Pegu Rep. A.* 44 (1875). *Local name:* *Bonamra* (b). A medium-sized to tall tree. *Representative specimen:* Halfchhari, 25.12.05, Rafiqul Islam 207 (DUH).

**45. Meliaceae**

**Aphanamixis polystachya** (Wall.) Parker, Ind. For. 57: 486 (1931). *Aglaia polystachya* Wall. in Roxb., Fl. Ind. 2: 429 (1824). *Local name: Royna* (b). A tree with dense spreading crown. *Representative specimens: Halfchhari, 25.12.05, Rafiqul Islam 225 (DUH); Pathachhara, 09.05.05, Rafiqul Islam 80 (DUH).*

**Melia azedarach** L., Sp. Pl.: 384 (1753). *Local name: Gora nim* (b). A medium-sized tree. *Representative specimen: Ramgarh, 09.05.05, Rafiqul Islam 62 (DUH). Cultivated.*

**46. Rutaceae**

**Aegle marmelos** (L.) Corr., Trans. Linn. Soc. 5: 222 (1800). *Crateva marmelos* L., Sp. Pl.: 444 (1753). *Local name: Bel* (b). A small, deciduous tree. *Representative specimen: Pathachhara, 10.05.05, Rafiqul Islam 110 (DUH). Cultivated.*

**Glycosmis pentaphylla** (Retz.) A. DC., Prodr. 1: 538 (1824). *Limonia pentaphylla* Retz., Obs. Bot. 5: 24 (1788). *Local name: Datmajon* (b). A shrub or small tree. *Representative specimens: Halfchhari, 25.12.05, Rafiqul Islam 226 (DUH); Ramgarh, 11.05.05, Rafiqul Islam 141 (DUH).*

**Micromelum minutum** (Forst. f.) Wight & Arn., Prodr. 1: 448 (1834). *Limonia minutum* Forst. f., Prodr.: 33 (1786). *Local name: Duha* (b). A bushy shrub. *Representative specimen: Ramgarh, 11.05.05, Rafiqul Islam 137 (DUH).*

**Zanthoxylum rhetsa** (Roxb.) DC., Prodr. 1: 728 (1825). *Fagara rhetsa* Roxb. (1820). *Local name: Bajna* (b). An ever-green, small tree. *Representative specimen: Ramgarh, 09.05.05, Rafiqul Islam 45 (DUH).*

**47. Oxalidaceae (Averrhoaceae)**

**Averrhoa carambola** L., Sp. Pl.: 428 (1753). *Local name: Kamranga* (b). A bushy tree. *Representative specimens: Halfchhari, 07.05.05, Rafiqul Islam 24 (DUH); Pathachhara, 09.05.05, Rafiqul Islam 74 (DUH). Cultivated.*

**Oxalis corniculata** L., Sp. Pl.: 435 (1753). *Local name: Ambuli* (b). An annual herb. *Representative specimen: Halfchhari, 25.12.05, Rafiqul Islam 209 (DUH).*

**Oxalis corymbosa** DC., Prodr. 1: 696 (1824). A stemless herb. *Representative specimens: Pathachhara, 10.05.05, Rafiqul Islam 102 (DUH); Ramgarh, 21.12.05, Rafiqul Islam 178 (DUH).*

**48. Apiaceae (Umbelliferae)**

**Centella asiatica** (L.) Urban in Mart., Fl. Bras. 11: 287 (1879). *Hydrocotyle asiatica* L., Sp. Pl. 1: 234 (1753). *Local names: Adamoni, Thankuni* (b). A perennial herb. *Representative specimen: Pathachhara, 11.09.06, Rafiqul Islam 346 (DUH).*

49. **Apocynaceae**

**Alstonia scholaris** (L.) R. Br., Mem. Wern. Nat. Hist. S. 1: 75 (1811). *Echites scholaris* L., Mant. Pl. 1: 53 (1767). *Local names*: Chatim (b), Shidam (t). A medium-sized tree. *Representative specimen*: Ramgarh, 09.05.05, Rafiqul Islam 56 (DUH).

**Holarrhena antidysenterica** (L.) Wall. *ex* Decne., Prodr. 8: 413 (1844). *Nerium antidysentericum* L., Sp. Pl.: 54 (1753). *Local name*: Kurchi (b). A shrub. *Representative specimen*: Ramgarh, 09.09.06, Rafiqul Islam 236 (DUH).

**Ichnocarpus frutescens** (L.) R. Br. in Ait. f., Hort. Kew. ed. 2, 2: 69 (1811). *Apocynum frutescens* L., Sp. Pl.: 213 (1753). *Local name*: Sham lwui (t). A climbing shrub. *Representative specimen*: Halfchhari, 25.12.05, Rafiqul Islam 230 (DUH).

**Rauwolfia serpentina** (L.) Benth. *ex* Kurz, For. Fl. Brit. Burma 2: 171 (1877). *Ophioxylon serpentinum* L., Sp. Pl.: 1043 (1753). *Local names*: Churung (t), Sarpaganda (b). A woody herb. *Representative specimen*: Pathachhara, 11.09.06, Rafiqul Islam 330 (DUH).

**Tabernaemontana recurva** Roxb., Fl. Ind.: 226 (1832). A small shrub. *Representative specimen*: Pathachhara, 10.05.05, Rafiqul Islam 94 (DUH).

**Wrightia arborea** (Dennst.) Mabblerly, Taxon 26: 533 (1977). *Periploca arborea* Dennst., Schlus. H. Malabar.: 13, 23 (1818). *Local name*: Dhudi (b). A small, deciduous tree. *Representative specimen*: Halfchhari, 25.12.05, Rafiqul Islam 231 (DUH).

50. **Solanaceae**

**Datura metel** L., Sp. Pl.: 179 (1753). *Local name*: Dutra (b). A stout herb. *Representative specimen*: Ramgarh, 09.09.06, Rafiqul Islam 274 (DUH).

**Nicotiana plumbaginifolia** Viv., Elench. Pl. Hort. Dinergo: 26. t. 5 (1802). *Local name*: Tamak (b). A slender, erect, annual herb. *Representative specimen*: Halfchhari, 25.12.05, Rafiqul Islam 210 (DUH). Cultivated.

**Physalis minima** L., Sp. Pl.: 183 (1753). *Local name*: Potka (t). An annual glabrous herb. *Representative specimen*: Halfchhari, 07.05.05, Rafiqul Islam 12 (DUH).

**Solanum nigrum** L., Sp. Pl.: 186 (1753). *Local name*: Tit begun (b). An annual erect shrub. *Representative specimen*: Ramgarh, 09.05.05, Rafiqul Islam 47 (DUH).

**Solanum torvum** Sw., Nov. Gen. Sp. Pl.: 47 (1788). *Local name*: Bot begun (b). A small shrub. *Representative specimens*: Halfchhari, 07.05.05, Rafiqul Islam 16 (DUH); Pathachhara, 09.05.05, Rafiqul Islam 82 (DUH).

**Solanum violaceum** Ortega, Hort. Matr. Dec.: 56 (1798). *Local name*: Phutki begun (b). A much branched undershrub. *Representative specimen*: Halfchhari, 17.09.06, Rafiqul Islam 382 (DUH).



### 51. Convolvulaceae

**Argyreia argentea** (Roxb.) Choisy, Mem. Soc. Phys. Genev. 6: 418 (1833). *Lettsomia argentea* Roxb., Fl. Ind. ed. 2: 79 (1824). *Local name: Dhumchuk* (t). A climber. *Representative specimen: Halfchhari, 25.12.05, Rafiqul Islam 233 (DUH).*

**Argyreia capitiformis** (Poir.) Oostr. in van Steenis, Fl. Mal. Ser. 1, 6(6): 941 (1972). *Convolvulus capitiformis* Poir. in Lamk., Encycl. Suppl. 3: 469 (1814). A large climber. *Representative specimen: Halfchhari, 07.05.05, Rafiqul Islam 17 (DUH).*

**Ipomoea aquatica** Forssk., Fl. Aeg.-Arab.: 44 (1775). *Local name: Kalmilata* (b). A glabrous trailer on water. *Representative specimen: Ramgarh, 11.05.05, Rafiqul Islam 158 (DUH).*

**Ipomoea fistulosa** Mart. ex Choisy in DC., Prodr. 9: 349 (1845). *Local names: Dholkalmi, Durakalma* (b). A fistular shrub. *Representative specimen: Pathachhara, 09.05.05, Rafiqul Islam 335 (DUH).*

**Ipomoea tricolor** Cav., Ic. 3: 5, t. 208 (1794). A glabrous twiner. *Representative specimens: Halfchhari, 17.09.06, Rafiqul Islam 389 (DUH); Pathachhara, 10.05.05, Rafiqul Islam 120 (DUH).*

### 52. Cuscutaceae

**Cuscuta reflexa** Roxb., Pl. Corom. 2: 3, t. 104 (1798). *Local name: Swarnalata* (b). A fleshy parasite, forming dense yellow masses on small tree or shrub. *Representative specimen: Ramgarh, 11.05.05, Rafiqul Islam 154 (DUH).*

### 53. Boraginaceae

**Cordia dichotoma** Forst. f., Fl. Ins. Austr. Prodr. 18: 110 (1876). *Local names: Bahoduri* (b), *Bahubara* (t), *Boula* (b). A medium-sized, deciduous tree. *Representative specimen: Halfchhari, 07.05.05, Rafiqul Islam 20 (DUH).*

**Heliotropium indicum** L., Sp. Pl.: 130 (1753). *Local name: Hatisur* (b). An annual herb. *Representative specimen: Halfchhari, 25.12.05, Rafiqul Islam 205 (DUH).*

### 54. Verbenaceae

**Callicarpa longifolia** Lamk., Enc. Meth. 1: 403 (1798). *Local name: Bormala* (b). A shrub. *Representative specimen: Pathachhara, 09.05.05, Rafiqul Islam 78 (DUH).*

**Clerodendrum viscosum** Vent., Gard. Malm. 1: t. 25 (1803). *Local name: Bhant* (b). A perennial, woody herb to undershrub. *Representative specimen: Halfchhari, 25.12.05, Rafiqul Islam 222 (DUH).*

**Lantana camara** L., Sp. Pl.: 627 (1753). *Local name: Guayganda* (b). A shrub. *Representative specimen: Pathachhara, 10.05.05, Rafiqul Islam 123 (DUH).*

**Lippia javanica** (Burm. f.) Spreng., Syst. 2: 752 (1825). An undershrub. *Representative specimen*: Pathachhara, 09.05.05, Rafiqul Islam 87 (DUH).

**Tectona grandis** L. f., Suppl. Pl.: 151 (1781). *Local name*: Shegun (b). A tree. *Representative specimen*: Ramgarh, 22.12.05, Rafiqul Islam 134 (DUH). Cultivated.

**Vitex pubescens** Vahl, Symb. 3: 85 (1794). A large tree. *Representative specimen*: Pathachhara, 10.05.05, Rafiqul Islam 100 (DUH).

#### 55. Lamiaceae (Labiatae)

**Anisomeles indica** (L.) O. Kuntze, Rev. Gen.: 512 (1891). *Nepeta indica* L., Sp. Pl.: 596 (1753). A bushy undershrub. *Representative specimen*: Ramgarh, 21.12.05, Rafiqul Islam 164 (DUH).

**Dysophylla crassicaulis** Benth. in Wall., Pl. As. Rar. 1: 30 (1830). An annual herb. *Representative specimen*: Ramgarh, 11.05.05, Rafiqul Islam 162 (DUH).

**Hyptis suaveolens** (L.) Poit., Ann. Mus. Par. 7: 472, t. 29 (1806). *Ballota suaveolens* L., Syst. Nat. ed. 10: 1100 (1759). *Local name*: Tokma (b). An annual herb. *Representative specimens*: Halfchhari, 07.05.05, Rafiqul Islam 26 (DUH); Ramgarh, 11.05.05, Rafiqul Islam 151 (DUH).

**Leucas aspera** Spreng., Syst. 2: 743 (1825). *Local name*: Durung pata (b). An annual herb. *Representative specimen*: Pathachhara, 22.12.05, Rafiqul Islam 187 (DUH).

**Ocimum tenuiflorum** L., Sp. Pl.: 597 (1753). *Local name*: Kalo tulshi (b). A much branched, soft hairy, perennial herb. *Representative specimens*: Halfchhari, 07.05.05, Rafiqul Islam 23 (DUH); Pathachhara, 09.05.05, Rafiqul Islam 91 (DUH). Cultivated.

#### 56. Scrophulariaceae

**Scoparia dulcis** L., Sp. Pl.: 166 (1753). *Local name*: Bondhuna (b). A herb. *Representative specimen*: Pathachhara, 10.05.05, Rafiqul Islam 105 (DUH).

#### 57. Acanthaceae

**Ecbolium linnaenum** Kurz, Journ. As. Soc. Beng.: 2: 75 (1871). *Local name*: Uduzha (b). A shrub. *Representative specimen*: Halfchhari, 07.05.05, Rafiqul Islam 22 (DUH).

**Hygrophila salicifolia** (Vahl) Nees in Wall., Pl. As. Rar. 3: 81 (1832). *Ruellia salicifolia* Vahl, Symb. 3: 84 (1794). A prostrate to erect herb. *Representative specimens*: Halfchhari, 25.12.05, Rafiqul Islam 232 (DUH); Pathachhara, 11.09.06, Rafiqul Islam 358 (DUH).

**Justicia adhatoda** L., Sp. Pl.: 15 (1753). *Adhatoda vasica* Nees in Wall., Pl. As. Rar. 3: 103 (1832). *Local name*: Basak (b). A shrub. *Representative specimen*: Halfchhari, 25.12.05, Rafiqul Islam 229 (DUH).

**Justicia gandarussa** Burm. f., Fl. Ind.: 10 (1768). *Local name: Jawa ghas* (b). An undershrub. *Representative specimens:* Halfchhari, 25.12.05, Rafiqul Islam 238 (DUH); Pathachhara, 10.05.05, Rafiqul Islam 108 (DUH).

**Lepidagathis incurva** Buch.-Ham. ex D. Don, Prodr. Fl. Nepal: 119 (1825). A perennial herb. *Representative specimens:* Pathachhara, 11.09.06, Rafiqul Islam 355 (DUH); Ramgarh, 09.05.05, Rafiqul Islam 46 (DUH).

**Rungia pectinata** (L.) Nees in DC., Prodr. 11: 469 (1847). *Justicia pectinata* L., Amoen. Acad. 4: 293 (1759). A much branched, prostrate or suberect herb. *Representative specimen:* Pathachhara, 09.05.05, Rafiqul Islam 91 (DUH).

**Thunbergia grandiflora** (Roxb. ex Rottler) Roxb., Bot. Reg. 6: t. 495 (1820). *Flemingia grandiflora* Roxb. ex Rottler, Ges. Naturf. Freund Berlin Neue Schriften 4: 202 (1803). *Local name: Nil lata* (b). A climber. *Representative specimens:* Pathachhara, 11.09.06, Rafiqul Islam 357 (DUH); Ramgarh, 11.05.05, Rafiqul Islam 145 (DUH).

#### 58. Bignoniaceae

**Oroxylum indicum** (L.) Kurz, For. Fl. Brit. Burma 2: 237 (1877). *Bignonia indica* L., Sp. Pl.: 625 (1753). *Local names: Kanaidengi, Konak, Sona* (b). A medium-sized tree. *Representative specimen:* Ramgarh, 09.05.05, Rafiqul Islam 67 (DUH).

**Stereospermum colais** (Buch.-Ham. ex Dillw.) Mabberley, Taxon 27: 553 (1979). *Bignonia colais* Buch.-Ham. ex Dillw. (1839). *Local name: Dharmar* (b). A large, deciduous tree. *Representative specimen:* Ramgarh, 11.05.05, Rafiqul Islam 125 (DUH).

#### 59. Rubiaceae

**Boreria articularis** (L. f.) Will., Bull. Herb. Bios. Ser. 2, 5: 956 (1905). *Spermacoce articularis* L. f., Suppl.: 119 (1781). *Local name: Thitulon* (t). An annual herb. *Representative specimen:* Halfchhari, 07.05.05, Rafiqul Islam 11 (DUH).

**Hedyotis scandens** Roxb., Fl. Ind. 1: 369 (1820). A climbing shrub. *Representative specimen:* Halfchhari, 17.09.06, Rafiqul Islam 371 (DUH).

**Ixora acuminata** Roxb., Fl. Ind. 1: 383 (1820). An undershrub. *Representative specimen:* Ramgarh, 09.05.05, Rafiqul Islam 55 (DUH).

**Ixora cuneifolia** Roxb., Fl. Ind. 1: 380 (1820). An evergreen shrub. *Representative specimen:* Halfchhari, 17.09.06, Rafiqul Islam 367 (DUH).

**Paederia foetida** L., Mant. Pl. 1: 52 (1767). *Local name: Gandha badhuli* (b). A slender climber. *Representative specimen:* Ramgarh, 09.05.05, Rafiqul Islam 72 (DUH).

**Psychotria adenophylla** Wall. in Roxb., Fl. Ind. 2: 166 (1824). *Local name: Moshakbupang* (t). A low shrub. *Representative specimen:* Halfchhari, 07.05.05, Rafiqul Islam 18 (DUH).

**Randia dumetorum** (Retz.) Poir. in Lamk., *Encycl. Suppl.* 2: 824 (1812). *Garaenia dumetorum* Retz., *Obs. Bot.* 2: 14 (1781). *Local name*: Manakata (b). A shrub. *Representative specimen*: Halfchhari, 17.09.06, Rafiqul Islam 366 (DUH).

**Stephegyne diversifolia** Hook. f., *Fl. Brit. Ind.* 3: 26 (1873). *Local name*: Khom ghas (b). A small tree. *Representative specimen*: Halfchhari, 25.12.05, Rafiqul Islam 227 (DUH).

#### 60. Asteraceae (Compositae)

**Ageratum conyzoides** L., *Sp. Pl.*: 839 (1753). *Local names*: Dulkuri, Hialmuti (b). An annual herb. *Representative specimen*: Ramgarh, 09.05.05, Rafiqul Islam 51 (DUH).

**Blumea lacera** (Burm. f.) DC. in Wight, *Contrib. Bot. Ind.*: 14 (1834). *Conyza lacera* Burm. f., *Fl. Ind.*: 180, t. 59 (1768). *Local name*: Kuksung (b). An erect, annual, aromatic herb. *Representative specimen*: Pathachhara, 10.05.05, Rafiqul Islam 93 (DUH).

**Elephantopus scaber** L., *Sp. Pl.*: 814 (1753). *Local name*: Mulasus (b). A perennial herb. *Representative specimen*: Halfchhari, 25.12.05, Rafiqul Islam 235 (DUH).

**Enhydra fluctuans** Lour., *Fl. Cochinch.*: 511 (1790). *Local name*: Helencha (b). A profusely branched, annual aquatic herb. *Representative specimen*: Halfchhari, 25.12.05, Rafiqul Islam 213 (DUH).

**Grangea maderaspatana** (L.) Poir., *Enc. Suppl.* 2: 825 (1811). *Artemisia maderaspatana* L., *Sp. Pl.*: 849 (1753). An annual herb. *Representative specimen*: Ramgarh, 11.05.05, Rafiqul Islam 161 (DUH).

**Mikania cordata** (Burm. f.) B.L. Robinson, *Contrib. Gray Herb.* 104: 65 (1934). *Eupatorium cordatum* Burm. f., *Fl. Ind.*: 176 (1768). *Local name*: Asamlata (b). A perennial herb. *Representative specimen*: Ramgarh, 21.12.05, Rafiqul Islam 171 (DUH).

**Sonchus oleraceus** Hook. f., *Fl. Brit. Ind.* 3: 414 (1882). An annual, milky herb. *Representative specimen*: Pathachhara, 22.12.05, Rafiqul Islam 186 (DUH).

**Spilanthes calva** DC. in Wight, *Contrib. Bot. Ind.*: 19 (1834) *Spilanthes acmella* auct. non Linn. Merr. (1774). *Local name*: Hampui (t). An annual herb. *Representative specimen*: Halfchhari, 07.05.05, Rafiqul Islam 28 (DUH).

#### Liliopsida (Monocots)

##### 61. Arecaceae (Palmae)

**Caryota urens** L., *Sp. Pl.*: 1189 (1753). Trunk solitary, annulate, erect, up to 12 m tall. *Representative specimen*: Ramgarh, 09.09.06, Rafiqul Islam 268 (DUH).

**Didymosperma nanum** H. Wendl. & Drude in Kerchov., *Palm.*: 243 (1878). A low palm. *Representative specimen*: Halfchhari, 17.09.06, Rafiqul Islam 398 (DUH).

**62. Araceae**

**Pothos scandens** L., Sp. Pl.: 963 (1753). *Local name: Hatilata* (b). A climbing aroid. *Representative specimen: Halfchhari, 17.09.06, Rafiqul Islam 388 (DUH).*

**Typhonium trilobatum** (L.) Schott., Wien. Zeitschr. 3: 72 (1829). *Arum trilobatum* L., Sp. Pl.: 934 (1753). *Local name: Gondogi* (t). A tuberous climber. *Representative specimen: Pathachhara, 11.09.06, Rafiqul Islam 323 (DUH).*

**63. Commelinaceae**

**Commelina benghalensis** L., Sp. Pl.: 41 (1753). *Local name: Dholpata* (b). A slender herb. *Representative specimen: Halfchhari, 25.12.05, Rafiqul Islam 209 (DUH).*

**Commelina diffusa** Burm. f., Fl. Ind.: 18, t. 7, 2 (1768). An annual, slender herb. *Representative specimens: Halfchhari, 17.09.06, Rafiqul Islam 391 (DUH); Pathachhara, 09.05.05, Rafiqul Islam 92 (DUH).*

**Murdania nudiflora** (L.) Brenan, Kew Bull. 7: 189 (1952). *Commelina nudiflora* L., Sp. Pl.: 41 (1753). *Local name: Kanduli* (t). An annual, diffuse herb. *Representative specimen: Ramgarh, 11.05.05, Rafiqul Islam 159 (DUH).*

**64. Cyperaceae**

**Cyperus compressus** L., Sp. Pl. ed. 1: 46 (1753). *Local name: Chancha* (t). An annual herb, tufted root. *Representative specimens: Halfchhari 25.12.05, Rafiqul Islam 218 (DUH); Ramgarh, 11.05.05, Rafiqul Islam 143 (DUH).*

**Cyperus diffusus** Vahl, Enum. Pl. 2: 321 (1806). A perennial herb. *Representative specimens: Halfchhari, 07.05.05, Rafiqul Islam 10 (DUH); Pathachhara, 10.05.05, Rafiqul Islam 159 (DUH).*

**Cyperus distans** L. f., Suppl. Pl.: 103 (1781). *Local name: Panimalancho* (b). A perennial herb with short knotty rhizome. *Representative specimen: Pathachhara, 22.12.05, Rafiqul Islam 182 (DUH).*

**Cyperus iria** L., Sp. Pl. ed. 1: 45 (1753). An annual or rarely perennial herb. *Representative specimen: Halfchhari, 17.09.06, Rafiqul Islam 395 (DUH).*

**Cyperus michelianus** (L.) Link., Hort. Bot. Berol. Descr. 1: 303 (1827). *Scirpus michelianus* L., Sp. Pl.: 45 (1753). An annual herb. *Representative specimen: Pathachhara, 22.12.05, Rafiqul Islam 184 (DUH).*

**Cyperus rotundus** L., Sp. Pl.: 45 (1753). *Local name: Motha ghas* (b). Perennial grass. *Representative specimen: Ramgarh, 21.12.05, Rafiqul Islam 174 (DUH).*

**Diplacrum caricinum** R. Br., Prodr. Fl. Nov. Holl.: 241 (1810). An annual, small and slender herb. *Representative specimen: Pathachhara, 11.09.06, Rafiqul Islam 305 (DUH).*

**Fimbristylis acuminata** Vahl, Enum. Pl. 2: 285 (1806). An annual herb. *Representative specimen*: Pathachhara, 11.09.06, Rafiqul Islam 207 (DUH).

**Fimbristylis cymosa** R. Br., Prodr. Fl. Nov. Holl.: 228 (1810). Rhizomatous, perennial herb. *Representative specimen*: Ramgarh, 09.05.05, Rafiqul Islam 52 (DUH).

**Themda quadrivalvis** (L.) O. Kuntze, Rev. Gen. Pl. 2: 793 (1891). *Andropogon quadrivalvis* L. in Merr., Syst. Veg. ed. 13: 758 (1774). An annual herb. *Representative specimen*: Ramgarh, 09.05.05, Rafiqul Islam 60 (DUH).

#### 65. Poaceae (Gramineae)

**Arundo donax** L., Sp. Pl. ed. 1: 81 (1753). *Local name*: Gabanal (t). A perennial, tall and stout grass. *Representative specimen*: Halfchhari, 17.09.06, Rafiqul Islam 395 (DUH).

**Axonopus compressus** (Sw.) P. Beauv., Ess. Agrost. 12 (154): 167 (1812). *Milium compressum* Sw., Prod.: 24 (1788). A perennial, tufted herb. *Representative specimen*: Halfchhari, 17.09.06, Rafiqul Islam 375 (DUH).

**Chrysopogon aciculatus** (Retz.) Trin., Fund. Agrost.: 188 (1820). *Andropogon aciculatus* Retz., Obs. Bot. 5: 22 (1989). A glabrous herb. *Representative specimen*: Ramgarh, 21.12.05, Rafiqul Islam 175 (DUH).

**Cynodon dactylon** (L.) Pers., Syn. Pl. ed. 1: 85 (1805). *Panicum dactylon* L., Sp. Pl.: 58 (1753). *Local name*: Durba (b). A creeping herb. *Representative specimen*: Ramgarh, 21.12.05, Rafiqul Islam 179 (DUH).

**Cyrtococcum accrescens** (Trin.) Stapf in Hook., Ic. Pl.: sub t. 3096 (1922). *Panicum accrescens* Trin., Sp. Gram. 1, t. 88 (1828). An annual, scrambling grass. *Representative specimen*: Halfchhari, 17.09.06, Rafiqul Islam 372 (DUH).

**Dactyloctenium aegyptium** (L.) P. Beauv., Ess. Agrost. Expl. Pl.: 15 (1812). *Cynosurus aegyptius* L., Sp. Pl. ed. 1, 1: 72 (1753). *Local name*: Makra (t). Stoloniferous, annual or short-lived perennial herb. *Representative specimen*: Halfchhari, 17.09.06, Rafiqul Islam 376 (DUH).

**Echinochloa crus-galli** (L.) P. Beauv., Ess. Agrost. 53: 161 (1812). *Panicum crus-galli* L., Sp. Pl. ed. 1, 1: 56 (1753). *Local name*: Barashyamaghas (b). An annual or perennial herb. *Representative specimen*: Halfchhari, 25.12.05, Rafiqul Islam 216 (DUH).

**Echinochloa stagnina** (Retz.) P. Beauv., Ess. Agrost.: 53, 161, 171 (1812). *Panicum stagninum* Retz., Osb. Bot. 5: 17 (1789). An aquatic, perennial grass. *Representative specimens*: Halfchhari, 17.09.06, Rafiqul Islam 388 (DUH); Pathachhara, 11.09.06, Rafiqul Islam 308 (DUH).

**Eleusine indica** (L.) Gaertn., De Fruct. 1: 8 (1789). *Cynosurus indicus* L., Sp. Pl. ed. 1: 72 (1753). *Local name*: Malanga kuri (b). An annual, tufted herb. *Representative specimen*: Halfchhari, 17.09.06, Rafiqul Islam 371 (DUH).

**Imperata cylindrica** (L.) Reaeschel, Nom. Bot. ed. 3: 10 (1797). *Lagurus cylindricus* L., Syst. Nat. ed. 10: 878 (1759). *Local names*: Son, Ulukhar (b). A perennial, rhizomatous grass. *Representative specimen*: Ramgarh, 11.05.05, Rafiqul Islam 146 (DUH).

**Melocanna baccifera** (Roxb.) Kurz, Prelim. Rep. For. Veg. Pegu App. B. 94 (1875). *Bambusa baccifera* Roxb., Pl. Corom. 3: 38, 243 (1819). *Local names*: Muli (b), Nail (t), Paiyya (m), Tarai (t). Diffusely clumped, sympodial bamboo. *Representative specimens*: Pathachhara, 22.12.05, Rafiqul Islam 185 (DUH); Ramgarh, 11.05.05, Rafiqul Islam 132 (DUH).

**Oplismenus compositus** (L.) P. Beauv., Ess. Agrost. 54: 168 (1812). *Panicum compositum* L., Sp. Pl. ed. 1: 57 (1753). A perennial grass. *Representative specimen*: Ramgarh, 21.12.05, Rafiqul Islam 176 (DUH).

**Panicum montanum** Roxb., Fl. Ind. 1: 315 (1820). A perennial, tufted grass. *Representative specimen*: Pathachhara, 11.09.06, Rafiqul Islam 313 (DUH).

**Panicum repens** L., Sp. Pl. ed. 2: 87 (1753). A perennial, rhizomatous grass. *Representative specimen*: Halfchhari, 25.12.05, Rafiqul Islam 215 (DUH).

**Paspalum scrobiculatum** L., Mant. 1: 29 (1767). *Local name*: Goicha (b). An annual herb. *Representative specimen*: Ramgarh, 21.12.05, Rafiqul Islam 177 (DUH).

**Saccharum spontaneum** L., Mant. Pl. 2: 183 (1771). *Local name*: Kash (b). A perennial, tall herb. *Representative specimen*: Halfchhari, 17.09.06, Rafiqul Islam 374 (DUH).

**Setaria palmifolia** (Koen.) Stapf, J. Linn. Soc. Bot. 42: 186 (1914). *Panicum palmaefolium* Koen. (1788). *Local name*: Urodhan (b). A perennial grass. *Representative specimens*: Pathachhara, 11.09.06, Rafiqul Islam 318 (DUH); Ramgarh, 09.09.06, Rafiqul Islam 43 (DUH).

#### 66. Typhaceae

**Typha elephantina** Roxb., Fl. Ind. ed. 3: 506 (1832). *Local name*: Hogla (b). A robust herb. *Representative specimen*: Pathachhara, 22.12.05, Rafiqul Islam 183 (DUH).

#### 67. Zingiberaceae

**Alpinia nigra** (Gaertn.) Burt., Notes Roy. Bot. Gard. Edinb. 35: 213 (1977). *Zingiber nigrum* Gaertn. (1788). *Local name*: Tara (b). Stem leafy, leaves sessile or sub-sessile. *Representative specimen*: Halfchhari, 07.05.05, Rafiqul Islam 10 (DUH).

#### 68. Costaceae

**Costus speciosus** (Koen.) Smith, Trans. Linn. Soc. London 1: 249 (1791). *Banksea speciosa* Koen. in Retz., Obs. Bot. 3: 75 (1783). *Local names*: Gardong (t), Jongliphul

(b). A rhizomatous herb. *Representative specimen*: Pathachhara, 10.05.05, Rafiqul Islam 106 (DUH).

#### 69. Marantaceae

**Schumannianthus dichotoma** (Roxb.) Gagnep., Bull. Soc. Bot. Fr. 51: 176 (1904). *Clinogyne dichotoma* (Roxb.) Salisb. ex Benth. in Benth. & Hook. f., Gen. Pl. 3 (2): 651 (1883). *Phrynium dichotomum* Roxb., Asiat. Rar. 11: 324 (1810). *Local names*: Mukta, Mustak (b). A tall, monoecious palm. *Representative specimen*: Ramgarh, 09.09.06, Rafiqul Islam 298 (DUH).

#### 70. Pontederiaceae

**Eichhornia crassipes** (Mart.) Solms in A. DC., Mon. Phan. 4: 527 (1883). *Pontederia crassipes* Mart., Nov. Gen. Sp.: 9, t. 4 (1823). *Local name*: Kachuripana (b). A free-floating herb. *Representative specimen*: Pathachhara, 11.09.06, Rafiqul Islam 343 (DUH).

**Monochoria hastata** (L.) Solms. in A. DC., Mon. Phan. 4: 523 (1883). *Pontederia hastata* L., Sp. Pl.: 288 (1753). An aquatic, emergent herb. *Representative specimen*: Ramgarh, 09.05.05, Rafiqul Islam 33 (DUH).

#### 71. Liliaceae

**Asparagus acerosus** Roxb., Fl. Ind. 2: 150 (1832). *Local name*: Shatamuli (b). A perennial subscandent undershrub. *Representative specimen*: Pathachhara, 09.05.05, Rafiqul Islam 95 (DUH).

**Curculigo orchioides** Gaertn., De Fruct. 1: 63, t. 13 (1788). *Local name*: Langtipata (b). A slender herb with elongated rhizome. *Representative specimen*: Ramgarh, 09.05.05, Rafiqul Islam 40 (DUH).

**Molineria recurvata** (Dryand.) Herbert, Amaryl.: 84 (1834). *Curculigo recurvata* Dryand. (1811). *Local names*: Luruk (t), Satipata (b). A stout herb with tuberous rootstocks. *Representative specimen*: Ramgarh, 09.05.05, Rafiqul Islam 48 (DUH).

#### 72. Agavaceae

**Dracaena spicata** Roxb., Fl. Ind. 2: 157 (1824). An erect shrub. *Representative specimen*: Pathachhara, 11.09.06, Rafiqul Islam 316 (DUH). Cultivated.

#### 73. Smilacaceae

**Smilax zeylanica** L., Sp. Pl.: 1029 (1753). *Local name*: Kumarilata (b). A stout climber. *Representative specimen*: Ramgarh, 09.05.05, Rafiqul Islam 53 (DUH).



**74. Dioscoreaceae**

**Dioscorea bellophylla** (Prain) J.O. Voigt *ex* Haines, For. Fl. Choto Nagpur: 530 (1910). *Dioscorea nummularia* var. *belophyla* Prain, Bengal Pl. 2: 802 (1903). *Local name*: *Shora alu* (b). A perennial climber. *Representative specimen*: Ramgarh, 11.05.05, Rafiqul Islam 131 (DUH).

**Dioscorea pentaphylla** L., Sp. Pl.: 1032 (1753). *Local name*: *Jhum alu* (b). A climber. *Representative specimen*: Pathachhara, 10.05.05, Rafiqul Islam 112 (DUH).

**75. Orchidaceae**

**Brachycorythis helferi** (Reichb. f.) Summerh., Kew Bull. 10: 235 (1955). *Gymbadenia helferi* Reichb. f., Flora 55: 276 (1872). An annual, herb. *Representative specimens*: Halfchhari, 17.09.06, Rafiqul Islam 396 (DUH); Ramgarh, 11.05.05, Rafiqul Islam 152 (DUH).

**Camarotis pallida** Lindl., Journ. Linn. Soc. 3: 37 (1859). A perennial epiphyte. *Representative specimen*: Pathachhara, 10.05.05, Rafiqul Islam 115 (DUH).

**Cymbidium aloifolium** (L.) Sw., Nova Acta Regiae Soc. Sci. Upsal. 6: 73 (1799). *Epidendrum aloifolium* L., Sp. Pl.: 953 (1753). A perennial epiphyte. *Representative specimen*: Halfchhari, 17.09.06, Rafiqul Islam 381 (DUH).

**Vanda tessellata** (Roxb.) Hook. f. *ex* G. Don in Loud., Hort. Brit.: 372 (1830). *Epidendrum tessellatum* Roxb., Pl. Corom. 1: 34, t. 42 (1795). An epiphytic herb. *Representative specimen*: Ramgarh, 09.05.05, Rafiqul Islam 31 (DUH).

**Acknowledgement**

The authors are grateful to the Director, Center for Advanced Studies and Research in Biological Sciences, University of Dhaka for the financial support to the field work.

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*(Manuscript received on 13 November 2008; revised on 16 April 2009)*