

**AN ANNOTATED CHECKLIST OF THE VASCULAR PLANTS OF PHARUA
RESERVE FOREST UNDER BILAICHARI UPAZILA, RANGAMATI
DISTRICT OF BANGLADESH**

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Abstract

The study revealed the occurrence of 330 species of vascular plants belonging to 261 genera and 97 families of the pharu reserve forest of Bangladesh. Of the 330 species, Pteridophytes presented by 14 species under 12 genera and 11 families, Liliopsida by 73 species under 57 genera and 17 families, whereas Magnoliopsida is represented by 243 species in 192 genera and 73 families. These species belonged to 122 herbs, 61 shrubs, 97 trees, 50 climbers. Rubiaceae with 14 genera and 22 species and Poaceae with 16 genera and 18 species were the largest families, respectively, in Magnoliopsida and Liliopsida. Seven plant species have been discovered as a new records for Bangladesh from the study area. Nine plant species thought to be extinct from the flora of Bangladesh, are being reported as rediscovery from this study area. This study recorded 108 medicinal plants used by the local peoples for their primary treatment.

Introduction

Pharu Reserve Forest is located in the eastern part of Bangladesh under Bilaichari Upazila of Rangamati district and the area is managed by Rangamati South Forest Division. It lies between 20° 26' 2° 33' N and 92° 19'-92° 17' E and covering an area of 7160 ha. The area was declared as a reserve forest through a Gazette Notification no. 6458-Forest act on 28 July 1948 (Anonymous, 1973). The topography of the area is very rugged and irregular and consists of series of ridges running more or less North to South direction. From this main ridges innumerable spur branch off to form seemingly confused mass of hills and valleys drained by winding streams. The hills are generally not very high but very rugged and broken with steep slopes. The level of valley bottom ranges from 30-100 m above the sea level and the maximum elevation is 1050 m in Rainkhiong Tang in the extreme southern part of the reserve. Soils in the valley bottom on level ground are clay or clayey loam and very fertile. Soils on the hills are sandy or sandy loam. The soils are impregnated with iron and have a reddish or yellowish tings. Humus is noticed throughout the forest, but its degree of accumulation varies from place to place depending on the topography. The average annual rainfall of the area is about 267 cm and average temperature varies from 12.5°C in December and 36.0°C in May (Ibrahim *et al.* 2012). The climate is typically subtropical, with a long dry season extending from October-May, punctuated by largely unpredictable period of rain storm. Pharu Reserved Forest is situated in one of the most biodiversity rich areas of the country. The area possesses mainly tropical wet-evergreen and semi-evergreen type of vegetations.

Bangladesh is a small country with very rich floristic diversity. Over the past few decades, several floristic inventories have been progressed throughout the country. Those had resulted in the compilation of a number of checklists *viz.* Rahman *et al.* (2015), Khan and Banu (1972), Rahman

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and Alam (2013), Khan *et al.* (1994), Uddin and Pasha (1997), Rahman and Hassan (1995), Rahman and Uddin (1997), Pasha and Mallick (1980), Uddin *et al.* (1998), Arefin *et al.* (2011), Uddin and Rahman (1999), Khan and Huq (2001), Uddin and Hassan (2004), Uddin and Pasha (2007), Uddin and Hassan (2010), Rahman *et al.* (2013). Even through, many areas of the country have been either poorly investigated or remain unexplored till now. Floristic collections are essential for expanding the holdings from those under-represented areas.

However, no published floristic account has been prepared for the Pharuva reserve forest so far. BNH has under taken a number of floristic study programs at different forest areas of the country and Pharuva Reserved Forest is one of them. The present study has been undertaken aiming to have floristic inventory of vascular plant species of Pharuva Reserve Forest and identify, findout the use(s), findout the local name(s), state of occurrence and document. This floristic inventory will generate baseline information for any conservation and management activity of the area. Some species are assessed as rare to this reserve forest which need to be brought under conservation management for environmental sustainability.

Materials and Methods

This study, conducted by the authors at different seasons was based on plant specimens collected through extensive field survey. The floristic inventory of Pharuva reserve forest was done by using area maps and regular field visits, accompanied with the collection of fertile specimens of all available plant species. A total of 7 extensive field trips, each consisted of 5-6 days were made during 2008-2010 and over 530 representative specimens were collected. All areas of the reserve were surveyed by walking along the forest trails and springs (Chharas), covering all habitats of most of the study area and record all species encountered. Collection of voucher specimens were conducted in a manner that is consistent with conservation ethics. At each collection, location, date, habit and any other notable ecological characteristics were recorded. At least one set of voucher specimen of each different species encountered in flowering state was collected and properly processed and managed using standard herbarium techniques and deposited at Bangladesh National Herbarium (DACB) and were also examined. The collected specimens were carefully examined at the Bangladesh National Herbarium (DACB) and Bangladesh Forest Research Institute Herbarium (HBFRI). Some difficult specimens were identified during the visits to herbaria at the Central National Herbarium, Kolkata, India (CAL). The collected specimens have been preserved at the Bangladesh National Herbarium (DACB).

All plant specimens (Both fresh materials and herbarium specimens) were studied to identify the species by the authors using available taxonomic resources, through consulting the experts, matching with relevant voucher specimens preserved at DACB and standard floras, taxonomic descriptions and keys available in the relevant literatures *viz.*, Hooker (1872-1897), Pasha and Chakraborty (1984), Pasha (1985), Prain (1903), Nasir and Ali (1980-2005), Wu *et al.* (1995-2013), Watson *et al.* (2011), Ahmed *et al.* (2008a, 2008b and 2008c, 2009a, 2009b and 2009c), Siddiqui *et al.* (2007a and 2007b), Uddin *et al.* (2012a, 2012b), Khan and Rahman (1989-2002), Khan (1972-1987), Rahman (2003), Rahman and Khanam (2003), Khanam and Ara (2007-2008), Ara and Khan (2009-2015); Haque *et al.* (2016), Heining (1925), Raizada (1941), Sinclair (1956) Dassanayake (1980-1985), herbarium specimens; clear type images available on the websites of different international herbaria and botanical illustrations. Digital image of the species was also used to supplement plant identification and document their habitats.

The current nomenclatural information of each species was incorporated as per ICBN by consulting with Index Kewensis; recent taxonomic publications *viz.*, Huq (1986), Nasir and Ali (1980-2005), Wu *et al.* (1995-2013), Watson *et al.* (2011), the nomenclatural databases of IPNI

(2008), TROPICOS (2010), Pasha and Uddin (2013). Local names of many plants have been collected from local people during field trips and by consulting literature, viz. Huq (1986), Pasha and Uddin (2013), Ahmed *et al.* (2008a, 2008b and 2008c, 2009a, 2009b and 2009c), Siddiqui *et al.* (2007a, 2007b). Ethnobotanical information of some medicinal valuable plant species for these study area also collected from the local people and consulting literature, viz. Ahmed *et al.* (2008a, 2008b and 2008c, 2009a, 2009b and 2009c), Siddiqui *et al.* (2007a, 2007b). State of occurrence of these collected plant species incorporated here according to field data.

The families of Pteridophytes have been placed first according to the classification system of Pichi Sermolli (1977), whereas, Liliopsida (Monocots) have been arranged following the classification system of Cronquist (1981). The genera and species under each family have been arranged alphabetically. Valid name with original citation of each taxon with only well-known synonym in few cases, local name (if available), use(s) (if available), Habit, State of occurrence and only one representative specimen number collected from the study area has been provided.

Results

The present checklist has identified following vascular plant species from the Pharus reserve forest under Bilaichari upazila of Rangamati district in Bangladesh.

PTERIDOPHYTA

1. Equisetaceae L.C. Richard *ex* DC (1805)

Equisetum diffusum D. Don., Prodr. Fl. Nepal. 19. 1825. *Equisetum mekongense* C.N. Page. 1974. *Habit*: Herb. *State of occurrence*: Common. *Representative specimen*: Faruachara, 16. x. 2008, S.N. Uddin N3113 (DACB).

2. Helminthostachyaceae Ching (1941)

Helminthostachys zeylanica (L.) Hook., Gen. Fil.: 47. 1840. *Osmunda zeylanica* L. 1753. *Habit*: Herb. *Local name*: Sada dheki. *Use*: Medicine. *State of occurrence*: Rare. *Representative specimen*: Faruachara, 16. i. 2009, S.N. Uddin N3410 (DACB).

3. Angiopteridaceae Fee *ex* Bonner (1867)

Angiopteris evecta (Georg) Franz Hoffm., Comm. Soc. Reg. Gott. 12: 29. 1796. *Polypodium evectum* Forst 1786. *Habit*: Herb. *Local name*: Raj Dheki. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 16. i. 2009, S.N. Uddin N3407 (DACB).

4. Lygodiaceae Presl (1845).

Lygodium flexuosum (L.) Sw. in Schrad. J. Bot. 1800(2): 106. 1801. *Ophioglossum flexuosum* L. 1753. *Habit*: Climber. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 18. iv. 2009, S.N. Uddin N3494 (DACB).

5. Pteridaceae Ching (1982)

Pteris vittata L., Sp. Pl. 2: 1074. 1753. *Pteris longifolia* L. 1753. *Habit*: Herb. *State of occurrence*: Common. *Representative specimen*: Faruachara, 16. i. 2009, S.N. Uddin N (DACB).

6. Cyatheaceae Kaulf. (1827)

Cyathea gigantea (Wall. *ex* Hook.) Holttum, Gard. Bull. S. 8: 318. 1935. *Alsophila gigantea* Wall. *ex* Hook. 1844. *Habit*: Tree. *Local name*: Gach Dheki. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 19. i. 2009, S.N. Uddin N3269 (DACB).

7. Polypodiaceae Berchtold *et* Presl (1820)

Microsorium pteropus (Blume) Copel., Univ. Calif. Publ. Bot. 16(2): 112. 1929. *Polypodium pteropus* Blume 1828. *Habit*: Herb. *State of occurrence*: Rare. *Representative specimen*: Faruachara, 19. i. 2009, S.N. Uddin N3270 (DACB).

Drynaria quercifolia (L.) J. Sm., J. Bot. (Hooker) 3: 398. 1841. *Polypodium quercifolium* L., Sp. Pl. 2: 1087. 1753. *Habit*: Epiphytic herb. *Local name*: Pankhiraj, Pankha, Garur. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 16 x 2008, Momtaz, Bushra and S.N. Uddin, M.M. Mirza, Mm899 (DACB).

8. Stenochlacenaceae Ching (1978)

Stenochlaena palustris (Burm. f.) Bedd., Ferns Bri. India Suppl. 26. 1876. *Polypodium palustre* Burm. f. 1768. *Habit*: Herb. *Local name*: Lata dhekia. *Use*: Medicine. *State of occurrence*: Rare. *Representative specimen*: Faruachara, 19. i. 2009, Mm896 (DACB).

9. Thelypteridaceae Ching (1970)

Trigonospora calcarata (Blume) Holttum, Reinwardia 8: 506. 1974. *Habit*: Herb. *State of occurrence*: Rare. *Representative specimen*: Faruachara, 19. i. 2009, S.N. Uddin N3271 (DACB).

10. Aspleniaceae Frank (1877)

Asplenium nidus L., Sp. Pl. 2: 1079. *Thamnopteris nidus* Presl. 1849. *Habit*: Herb. *Local name*: Pankhiraj, Pankha, Garur. *Use*: Medicine. *State of occurrence*: Planted. *Representative specimen*: Faruachara, 16 i 2009, S.N. Uddin N3167 (DACB).

Asplenium unilaterale Lam., Encycle. 3: 305. 1786. *Habit*: Herb. *State of occurrence*: Rare. *Representative specimen*: Faruachara, 16. i. 2009, S.N. Uddin N3408 (DACB)

11. Tectariaceae Lenlinger (1987)

Tectaria paradoxa (Fee) Sledge, Kew Bull. Vol. 27. 3: 413. 1972. *Nephrodium membranifolium* Presl. 1825. *Habit*: Herb. *Local name*: Jungli Dhekia. *State of occurrence*: Thought to be extinct. *Representative specimen*: 19. i. 2009, S.N. Uddin N3268 (DACB).

Tectaria vasta (Blume) Copel., Philipp. J. Sci., C. 2: 411. 1907. *Nephrodium vastum* Bak. 1867). *Habit*: Herb. *Local name*: Jungli Dhekia. *State of occurrence*: Rare. *Representative specimen*: 15. x. 2009. M.M. Mirza, Mm893 (DACB).

LILIOPSIDA

12. Arecaceae C.H. Schulz-Schultzen. (1832)

Areca catechu L., Sp. Pl. 1189. 1753. *Areca macrocarpa* Becc., Philipp. J. Sci., C 4: 60. 1909. *Habit*: Palm. *Local name*: Supari, Gua. *Use*: Fruit edible. *State of occurrence*: Cultivated. *Representative specimen*: 15. x. 2009. M.M. Mirza, Mm809 (DACB).

Cocos nucifera L., Sp. Pl. 1188. 1753. *Cocos indica* Royle, Ill. Bot. Himal. Mts. 395. 1840. *Habit*: Palm. *Local name*: Narikel. *Use*: Fruit edible, Oil. *State of occurrence*: Cultivated. *Representative specimen*: 15. x. 2009. M.M. Mirza, Mm899 (DACB).

Licuala peltata Roxb. *ex* Buch.-Ham., Mem. Wern. Nat. Hist. Soc. 5: 313. 1826. *Licuala elegans* Blume 1836. *Habit*: Palm. *Local name*: Chhata Pat, Kurud. *Fl. & Fr.*: September-May. *Use*: Leaves used for thatching and making cordage. *State of occurrence*: Common. *Representative specimen*: Faruachara, 16 i 2009, S.N. Uddin N3417 (DACB).

Wallichia oblongifolia Griff., Calcutta J. Nat. Hist. 5: 486. 1845. *Wallichia densiflora* Mart., Hist. Nat. Palm. 3: 190. 1845. *Habit*: Palm. *Fl. & Fr.*: April-May. *State of occurrence*: Rare. *Representative specimen*: 18 i 2009, S.N. Uddin N3242 (DACB).

13. Pandanaceae R.Br. (1810)

Pandanus furcatus Roxb., Hort. Bengal. 71. 1814. *Pandanus spinifructus* Dennst., Schlüssel Hortus Malab. 27. 1818. *Habit*: Shrub. *Local name*: Keya. *Fl. & Fr.*: July-February. *Use*: Ornamental. *State of occurrence*: Rare. *Representative specimen*: 10 vii 2009, S.N. Uddin N3714 (DACB).

14. Araceae Juss. (1789).

Aglaonema hookerianum Schott., Bonplandia (Hannover) 7: 30. 1859. *Aglaonema clarkei* Hook f., Fl. Brit. India 6: 529. 1893. *Habit*: Herb. *Fl. & Fr.*: June-July. *Use*: Ornamental. *State of occurrence*: Common. *Representative specimen*: Faruachara, 17 iv 2009, S.N. Uddin N3419 (DACB).

Amorphophallus paeoniifolius (Dennst.) Nicolson, Taxon 26: 337. 1977. *Amorphophallus campanulatus* Decne., Nouv. Ann. Mus. Hist. Nat. 3: 366. 1834. *Habit*: Herb. *Local name*: Olkachu. *Fl. & Fr.*: May-November. *Use*: Vegetable, Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 19 iv 2009, S.N. Uddin N3534 (DACB).

Pothos scandens L., Sp. Pl. 968. 1753. *Pothos angustifolius* (Raf.) C. Presl., Epimel. Bot. 243. 1851. *Habit*: Climber. *Local name*: Sunat, Sundad, Batilata. *Fl. & Fr.*: January-December. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 17 iv 2009, S.N. Uddin N3433 (DACB).

Rhaphidophora glauca (Wall.) Schott, Bonplandia (Hannover) 5: 45. 1857. *Scindapsus glauca* (Wall.) Schott, Melet. Bot. 21. 1832. *Habit*: Climber. *Fl. & Fr.*: September-May. *Use*: Ornamental. *State of occurrence*: Common. *Representative specimen*: Faruachara, 17 iv 2009, S.N. Uddin N3420 (DACB).

Rhaphidophora hongkongensis Schott, Prodr. Syst. Aroid. 378. 1860. *Pothos obliquus* Wall. ex Hook. f., Fl. Brit. India 6: 555. 1893. *Habit*: Climber. *Fl. & Fr.*: May-August. *Use*: Medicine. *State of occurrence*: Rare. *Representative specimen*: Faruachara, 19 iv 2009, S.N. Uddin N3509 (DACB).

Rhaphidophora peepla (Roxb.) Schott, Bonplandia (Hannover) 5: 45. 1857. *Pothos peeplus* Roxb., Fl. Indica, ed. 1820 1: 454. 1820. *Habit*: Herb. *State of occurrence*: Common. *Representative specimen*: 16 i 2009, K.K. Islam KKI3417 (DACB).

Stuednera colocasifolia K. Koch, Wochenschr. Gärtnerei Pflanzenk. 1862: 114. 1862. *Gonatanthus peltatus* Van Houtte, Fl. Serres Jard. Paris 21: 83. 1875. *Habit*: Herb. *State of occurrence*: Common. *Representative specimen*: 16 i 2009, K.K. Islam KKI-3417 (DACB).

15. Commelinaceae R.Br. (1810)

Commelina benghalensis L., Sp. Pl.: 41. 1753. *Commelina pyrrohoblepharis* Hassk. 1867. *Habit*: Herb. *Local name*: Dholpata, Kanchira. *Fl. & Fr.*: February-December. *Use*: Vegetable. *State of occurrence*: Common. *Representative specimen*: Faruachara, 19 iv 2009, S.N. Uddin N3509 (DACB).

Commelia diffusa Burm. f., Fl. Indica 18. 1768. *Commelina nudiflora* L. 1753. *Habit*: Herb. *Local name*: Kanchira. *Fl. & Fr.*: February-December. December-January.: *Use*: Vegetable. *State of occurrence*: Common. *Representative specimen*: Faruachara, 19 iv 2009, S.N. Uddin N3509 (DACB).

Floscopa scandens Lour., Fl. Cochi. 193. 1790. *Commelina cymosa* Blume, Enum. Pl. Javae 1: 4. 1827. *Habit*: Herb. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 19 iv 2009, S.N. Uddin N3509 (DACB).

16. Cyperaceae Juss. (1789).

Carex indica L., Mant. Pl. 2: 574. 1771. *Carex dietrichiae* Boeck. Flora 58: 122. 1875. *Habit*: Herb. *Fl. & Fr.*: July-December. *Use*: Weed. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N3025 (DACB).

Cyperus compactus Retz., Observ. Bot. 5: 10. 1788. *Cyperus dilutus* Vahl, Enum. Pl. Obs. 2: 357. 1805. *Habit*: Herb. *Fl. & Fr.*: September-March. *Use*: Weed. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N3031 (DACB).

Cyperus cyperoides (L.) Kuntze, Revis. Gen. Pl. 3(2): 333. 1898. *Mariscus sieberianus* Nees ex C.B. Clarke, Fl. Brit. India 6: 622. 1893. *Habit*: Herb. *Local name*: Bara guthubi, Kucha kusha. *Fl. & Fr.*: Throughout the year. *Use*: Weed. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 18 iv 2009, S.N. Uddin N3465 (DACB).

Cyperus distans L.f., Suppl. Pl. 103. 1782. *Cyperus kurrii* Steud, Syn. Pl. Glumac. 2: 38. 1854. *Habit*: Herb. *Local name*: Pani Malanga. *Fl. & Fr.*: Throughout the year. *Use*: Weed. *State of occurrence*: Common. *Representative specimen*: Faruachara, 16 x 2008, S.N. Uddin N3110 (DACB).

Cyperus exaltatus Retz., Obs. Bot. 5: 11. 1789. *Cyperus altus* Nees. 1834. *Habit*: Herb. *Fl. & Fr.*: July-February. *Use*: Weed. *State of occurrence*: Common. *Representative specimen*: Faruachara, 16 x 2008, S.N. Uddin N3111 (DACB).

Cyperus haspan L., Sp. Pl. 45. 1753. *Cyperus microcarpus* Boeck. Abh. Naturwiss. Vereins Bremen 7: 37. 1880. *Habit*: Herb. *Fl. & Fr.*: Throughout the year. *Use*: Weed. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 21 vii 2009, S.N. Uddin N3759 (DACB).

Cyperus laxus Lam., Tabl. Encycl. 1: 146. 1791. *Habit*: Herb. *Fl. & Fr.*: September-February. *Use*: Weed. *State of occurrence*: Common. *Representative specimen*: 16 x 2008, S.N. Uddin N3112 (DACB).

Cyperus pilosus Vahl., Enum. Pl. Obs. 2: 354. 1805. *Cyperus marginellus* Nees, Contr. Bot. India 83. 1834. *Habit*: Herb. *Fl. & Fr.*: Throughout the year. *Use*: Weed. *Representative specimen*: Faruachara, 16 x 2008, S.N. Uddin N3114 (DACB).

Fimbristylis dichotoma (L.) Vahl., Enum. Pl. Obs. 2: 287. 1805. *Eleocharis dichotoma* (L.) H. Karst., Deut. Fl. 353. 1881. *Habit*: Herb. *Fl. & Fr.*: Throughout the year. *Use*: Weed. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 21 vii 2009, S.N. Uddin N3755 (DACB).

Kyllinga brevifolia Rottb., Descr. Icon. Rar. Pl. 13. 1773. *Kyllinga aurata* Nees, Linnaea 10: 139. 1836. *Habit*: Herb. *Fl. & Fr.*: March-December. *Use*: Fodder. *State of occurrence*: Common. *Representative specimen*: Faruachara, 14 x 2008, S.N. Uddin N3019 (DACB).

Scleria biflora Roxb., Fl. Indica ed. 3: 57. 1832. *Scleria steudeliana* Miq., Fl. Ned. India 3: 344. 1856. *Habit*: Herb. *Fl. & Fr.*: October-March. *Use*: Young plants are eaten with rice. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 21 vii 2009, S.N. Uddin N3762 (DACB).

Scleria terrestris (L.) Fassett., Rhodora 26: 159. 1924. *Scleria elata* Thwaites, Enum. Pl. Zeyl. 353. 1864. *Habit*: Herb. *Fl. & Fr.*: March-August. *Use*: Weed. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N3020 (DACB).

17. Poaceae Barnhart (1895).

Cenotheca lappacea (L.) Desv., Nouv. Bull. Sci. Soc. Philom. Paris 2: 189. 1810. *Cenchtus lappaceus* L. Sp. Pl. ed. 2, 1763. *Habit*: Herb. *Fl. & Fr.*: Throughout the year. *Use*: Fodder. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N3018 (DACB).

Cyrtococcum patens (L.) A. Camus, Bull. Mus. Hist. Nat. Paris 27: 118. 1921. *Panicum patens* L. 1753. 1922. *Habit:* Herb. *Fl. & Fr.:* Throughout the year. *Use:* Weed. *State of occurrence:* Common. *Representative specimen:* Monlovichara, 14 x 2008, S.N. Uddin N3023 (DACB).

Cyrtococcum oxyphyllum Hochstetter ex Steudel, Hooker's Icon. Pl. 31: 3096. 1922. *Panicum oxyphyllum* Hochst. ex Steud. Syn. Pl. Glumac. 1: 65. 1853. *Habit:* Herb. *Fl. & Fr.:* Throughout the year. *Use:* Weed. *State of occurrence:* Common. *Representative specimen:* Monlovichara, 14 x 2008, S.N. Uddin N3021 (DACB).

Digitaria sanguinalis (L.) Scop., Fl. Carniol. 1: 52. 1771. *Panicum sanguinale* L., Sp. Pl. 57. 1753. *Habit:* Herb. *Local name:* Makunjali. *Fl. & Fr.:* August-October. *Use:* Fodder. *State of occurrence:* Common. *Representative specimen:* Faruachara, 16 x 2008, S.N. Uddin N3111 (DACB).

Hackelochloa granularis (L.) Kuntze, Revis. Gen. Pl. 2: 776. 1891. *Cenchrus granularis* L., Mant. Pl. 2: 575. 1771. *Habit:* Herb. *Fl. & Fr.:* June-January. *Use:* Fodder. *State of occurrence:* Common. *Representative specimen:* Farua R.F., 21 vii 2009, S.N. Uddin N3759 (DACB).

Imperata cylindrica (L.) Raeusch., Nomencl. Bot. ed. 3: 10. 1797. *Imperata koenigii* (Retz.) P. Beauv., Ess. Agrostogr. 165. 1812. *Habit:* Herb. *Local name:* Chhan, Kash. *Fl. & Fr.:* Throughout the year. *Use:* Fodder. *State of occurrence:* Common. *Representative specimen:* 20 iv 2009, S.N. Uddin N3554 (DACB).

Leptochloa chinensis (L.) Nees, Syll. Pl. Nov. 1: 4. 1824. *Habit:* Herb. *Fl. & Fr.:* Through out the year. *Use:* weed. *State of occurrence:* Common. *Representative specimen:* Farua R.F., 21 vii 2009, S.N. Uddin N3034.

Melocanna baccifera (Roxb.) Kurz., Prelim. Rep. Forest Pegu App. B: 94. 1875. *Bambusa baccifera* Roxb., Fl. Indica ed. 2: 197. 1832. *Habit:* Herb. *Local name:* Muli, Tarai. *Fl. & Fr.:* April September. *Use:* House buildings. *State of occurrence:* Cultivated. *Representative specimen:* Monlovichara, 14 x 2008, S.N. Uddin N3032 (DACB).

Oryza sativa L., Sp. Pl. 333. 1753. *Oryza communissima* Lour., Fl. Cochinch. 215. 1790. *Habit:* Herb. *Local name:* Dhan. *Fl. & Fr.:* Throughout the year. *Use:* A staple food. *State of occurrence:* Cultivated. *Representative specimen:* Farua R.F., 21 vii 2009, S.N. Uddin N3723 (DACB).

Panicum auritum J. Presl ex Nees., Fl. Bras. Enum. Pl. 2: 176. 1829. *Panicum javanum* Nees ex Buse, Pl. Jungh. 376. 1854. *Habit:* Herb. *Fl. & Fr.:* May-December. *Use:* Fodder. *State of occurrence:* Common. *Representative specimen:* Faruachara, 16 x 2008, S.N. Uddin N3109 (DACB).

Paspalum longifolium Roxb., Fl. Indica 1: 280. 1820. *Paspalum flexuosum* Klein ex J. Presl, Reliq. Haenk. 1: 215. 1820. *Habit:* Herb. *Fl. & Fr.:* May-August. *Use:* Fodder. *State of occurrence:* Common. *Representative specimen:* Farua R.F., 21 vii 2009, S.N. Uddin N3747 (DACB).

Paspalum scrobiculatum L., Mant. Pl. 1: 29. 1767. *Paspalum kora* Willd., Sp. Pl. 1: 332. 1797. *Habit:* Herb. *Local name:* Goicha, Kodoa dhan. *Fl. & Fr.:* Throughout the year. *Use:* Fodder. *State of occurrence:* Common. *Representative specimen:* Monlovichara, 14 x 2008, S.N. Uddin N3026 (DACB).

Pennisetum glaucum (L.) R. Br., Prodr. Fl. Nov. Holl. 195. 1810. *Setaria glauca* (L.) Beauv., Ess. Agrostogr. 51. 1812. *Habit:* Herb. *Local name:* Bajra, Banaspati. *Fl. & Fr.:* September-December. *Use:* Medicine, Weed. *State of occurrence:* Common. *Representative specimen:* 21 vii 2009, S.N. Uddin N3726 (DACB).

Phragmites karka (Retz.) Trin. ex Steud., Bot. 2: 324. 1841. *Arundo karka* Retz., Observ. Bot. 4: 21 1786. *Habit:* Herb. *Local name:* Nolkhagra. *Fl. & Fr.:* Herb. *Use:* Making fenching. *State of*

occurrence: Common. *Representative specimen*: Faruachara, 16 x 2008, S.N. Uddin N3193 (DACB) and JCR3238 (Dhaka).

Pogonatherum crinitum (Thunb.) Kunth, Enum. Pl. 1: 478. 1833. *Andropogon crinitus* Thunb. Syst. Veg. ed. 14. 903. 1784. *Habit*: Herb. *Fl. & Fr.*: Throughout the year. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N3024 (DACB).

Rottboellia cochinchinensis (Lour.) Clayton, Kew Bull. 35: 817. 1981. *Aegilops fluviatilis* Blanco, Fl. Filip. 47. 1837. *Habit*: Herb. *Local name*: Bara Swati. *Fl. & Fr.*: August-March. *Use*: Medicine, Weed. *State of occurrence*: Common. *Representative specimen*: Jamunachara, 22 vii 2009, S.N. Uddin N3725 (DACB).

Themeda villosa (Lam.) A. Camus, Fl. Indo-Chine 7: 364. 922. *Anthistiria villosa* Lam., Tabl. Encycl. 5: 1799. *Habit*: Herb. *Fl. & Fr.*: October-February. *Use*: Fodder, Weed. *State of occurrence*: Rare. *Representative specimen*: Farua R.F., 18 i 2009, S.N. Uddin N3263 (DACB).

Thysanolaena latifolia (Roxb. ex Hornem.) Honda, J. Fac. Sci. Univ. Tokyo, Sect. 3, Bot. 3: 312. 1930. *Thysanolaena maxima* Kuntze, Revis. Gen. Pl. 2: 784. 1891. *Habit*: Herb. *Local name*: Jharu phul. *Fl. & Fr.*: December-March. *Use*: Brooms. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N3566.

18. Musaceae Juss. (1789).

Musa ornata Roxb., Fl. Indica 2: 488. 1824. *Musa speciosa* Ten., Index Seminum (NAP) 1829: 16. 1829. *Habit*: Tree. *Local name*: Ram Kola, Pahari Kola. *Fl. & Fr.*: March-December. *Use*: Fruit edible. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 19 iv 2009, S.N. Uddin N-3520 (DACB).

19. Zingiberaceae Lindl. (1835).

Amomum subulatum Roxb., Fl. Indica. 1: 43. 1820. *Cardamomum subulatum* (Roxb.) Kunt., Revis. Gen. Pl. 2: 687. 1891. *Habit*: Herb. *Local name*: *Fl. & Fr.*: Throughout the year. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 15 x 2008, S.N. Uddin N3248 (DACB).

Amomum uliginosum J.König, Observ. Bot. 3: 56. 1783. *Amomum robustum* K. Schum., Pflanzenz. IV, 46: 253. 1904. *Habit*: Herb. *State of occurrence*: Common. Throughout the year. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N3013 (DACB).

Boesenbergia longiflora (Wall.) Kuntze, Revis. Gen. Pl. 2: 685. 1891. *Boesenbergia fallax* Loes., Nat. Pflanzenfam. ed. 2 15a: 572. 1930. *Habit*: Herb. *Fl. & Fr.*: May-september. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 21 vii 2009, S.N. Uddin N3715 (DACB).

Curcuma zedoaria (Christm.) Rosc., Trans. Linn. Soc. London 8: 354. 1807. *Amomum latifolium* Lam., Encycl. 1: 134. 1783. *Habit*: Herb. *Local name*: Shoti, Failla. *Fl. & Fr.*: April-May. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Farua R.F. 20 iv 2009, S.N. Uddin N3540 (DACB).

Globba multiflora Wall. ex Baker, Fl. Brit. India 6: 202. 1890. *Globba velutina* Horan., Prodr. Monogr. Scitam. 20. 1862. *Habit*: Herb. *Fl. & Fr.*: July-September. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 21 vii 2009, S.N. Uddin N3737 (DACB).

Hedychium thyriforme Sm., Cycl. 17: 4. 1811. *Hedychium heteromallum* Ker Gawl., Bot. Reg. 9: 767. 1824. *Habit*: Herb. *Local name*: *Fl. & Fr.*: August-February. *State of occurrence*: Common. *Representative specimen*: Faruachara, 16 i 2009, S.N. Uddin N3196 (DACB).

20. Costaceae Nakai (1941).

Cheilocostus speciosus (J.König) C. Specht, *Taxon* 55: 159. 2006. *Costus speciosus* (J.König) Sm., *Trans. Linn. Soc. London* 1: 249. 1791. *Habit*: Herb. *Local name*: Keumul, Kemul, Khustha. *Fl. & Fr.*: September-December. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N3016 (DACB).

21. Marantaceae Peterson (1888).

Phrynium pubinerve Blume, *Enum. Pl. Javae* 38. 1827. *Phrynium laoticum* Gagnep., *Bull. Soc. Bot. France* 54: 409. 1907. *Habit*: Herb. *Fl. & Fr.*: August-December. *Use*: Leaves are used as wrapping materials. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 15 x 2008, S.N. Uddin N3035 (DACB).

Stachyphrynium placentarium (Lour.) Clausager & Borchs., *Kew Bull.* 58: 672. 2003. *Phrynium placentarium* (Lour.) Merr., *Philipp. J. Sci.* 15: 230. 1919. *Habit*: Herb. *Local name*: *Fl. & Fr.*: March-November. *Use*: Leaves are used as wrapping materials. *State of occurrence*: Thought to be extinct. *Representative specimen*: Farua R.F., 18 i 2009, S.N. Uddin N3249 (DACB).

22. Haemodoraceae R.Br. (1810).

Peliosanthes teta Andr., *Bot. Repos.* 10. 605. 1810. *Habit*: Herb. *Local name*: *Napigach*. *Fl. & Fr.*: November-February. *State of occurrence*: Common. *Representative specimen*: 30.9.2002, S.N. Uddin, N1655 (DACB).

Peliosanthes violacea Wall. in Hook. f., *Fl. Brit. India* 6: 266. 1892. *Habit*: Herb. *Fl. & Fr.*: November-February. *State of occurrence*: Common. Monlovichara, 14 x 2008, S.N. Uddin N3197 (DACB).

23. Liliaceae Juss. (1789).

Molineria capitulata (Lour.) Herb., *Amaryllidaceae* 84. 1837. *Curculigo recurvata* Aiton., *Hortus Kew.* 2: 253. 1811. *Habit*: Herb. *Local name*: Satipata; *Fl. & Fr.*: February-September. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N3009 (DACB).

24. Agavaceae Endlicher (1841).

Dracaena spicata Roxb., *Fl. Indica* 2:157. 1832. *Dracaena wallichii* Kunth, *Abh. Königl. Akad. Wiss Berlin* 1842: 26. 1844. *Habit*: Shrub. *Local name*: Drassaena. *Fl. & Fr.*: Throughout the year. *Use*: Ornamental. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 17 iv 2009, S.N. Uddin N3453 (DACB).

25. Taccaceae Dumort. (1829).

Tacca integrifolia Ker Gawl., *Bot. Mag.* 35: 1448. 1812. *Tacca cristata* Jack, *Malayan Misc.* 1(5): 23 1820. *Habit*: Herb. *Local name*: Mati munda. *Fl. & Fr.*: March-November. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 16 i 2009, S.N. Uddin N3195 (DACB).

26. Smilacaceae Vent. (1799).

Smilax perfoliata Lour., *Fl. Cochinch.*: 622. 1790. *Smilax prolifera* Roxb. 1832. *Habit*: Climber. *Local name*: Choto kumari lata. *Fl. & Fr.*: November-March. *State of occurrence*: Common. *Representative specimen*: 18. 6. 2004, S.N. Uddin N2479 (DACB).

27. Dioscoreaceae R.Br. (1810).

Dioscorea belophylla (Prain) Voigt *ex* Haines, Forest Fl. Chota Nagpur 530. 1910. *Habit*: Climber. *Local name*: Shora Alu. *Fl. & Fr.*: June-October. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N2971 (DACB).

Dioscorea pentaphylla L., Sp. Pl.: 1032. 1753. *Dioscorea triphylla* L. 1753. *Habit*: Climber. *Local name*: Jhum Alu. *Fl. & Fr.*: June-December. *Use*: Vegetable. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N2967 (DACB).

Dioscorea esculenta (Lour) Burkill, Gard. Bull. Straits Settl. 1: 369. 1917. *Dioscorea sativa* L. 1753. *Habit*: Climber. *Local name*: Bon alu. *Fl. & Fr.*: July-December. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 15 x 2008, S.N. Uddin B1224 (DACB).

28. Orchidaceae Juss. (1789).

Aerides odorata Lour., Fl. Cochinch. 525. 1790. *Aerides cornuta* Roxb., Fl. Indica 3: 472. 1832. *Habit*: Epiphytic herb. *Local name*: Porgachha. *Fl. & Fr.*: May-June. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 23 vii 2009, S.N. Uddin N3828 (DACB).

Cymbidium alofolium (L.) Sw., Nova Acta Regiae Soc. Sci. Upsal. 6: 73. 1799. *Epidendrum alofolium* L., Sp. Pl. 953. 1753. *Habit*: Epiphytic herb. *Local name*: Churi. *Fl. & Fr.*: April-June. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 16 i 2009, S.N. Uddin N3155 (DACB).

Dendrobium aphyllum (Roxb.) C.E.C.Fisch., Fl. Madras 1416. 1928. *Dendrobium cucullatum* R. Br., Bot. Reg. 7: 548. 1821. *Habit*: Epiphyte herb. *Local name*: Fasia Mach. *Fl. & Fr.*: April-May. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 23 vii 2009, S.N. Uddin N3840 (DACB).

Habenaria stenopetala Lindl., Gen. Sp. Orchid. Pl. 319. 1835. *Habenaria rhyncocarpa* (Thwaites) Trim., Syst. Cat. Fl. Pl. Ceylon 91. 1885. *Habit*: Herb. *Local name*: Orchid. *Fl. & Fr.*: July-November. *Use*: Ornamental. *State of occurrence*: Thought to be extinct. *Representative specimen*: 25 vii 2009, S.N. Uddin N3730 (DACB).

Nervilia concolor (Blume) Schltr., Bot. Jahrb. Syst. 45: 404. 1911. *Nervilia aragoana* Gaud., Voy. Uranie 422. 1829. *Habit*: Herb. *Local name*: *Fl. & Fr.*: April-May. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 21 vii 2009, S.N. Uddin N3738 (DACB).

Peristylus goodyeroides (D.Don) Lindl., Gen. Sp. Orchid. Pl. 299. 1835. *Habenaria goodyeroides* D. Don., Prodr. Fl. Nepal. 25. 1825. *Habit*: Herb. *Fl. & Fr.*: May-July. *Use*: Medicine. *State of occurrence*: Rare. *Representative specimen*: Farua R.F., 21 vii 2009, S.N. Uddin N3729 (DACB).

Phalaenopsis deliciosa Rchb. f., Bonplandia (Hannover) 2: 93 1854. *Phalaenopsis wightii* Rchb. f., Bot. Zeitung (Berlin) 20: 214. 1862. *Habit*: Epiphytic herb. *Fl. & fr.*: Throughout the year. *Use*: Ornamental. *State of occurrence*: Rare. *Representative specimen*: Monlovichara, 7. i. 2009, S.N. Uddin N3201 (DACB).

Robiquetia succisa (Lindl.) Seident & Garay., Bot. Tidsskr. 67: 119. 1972. *Robiquetia paniculata* (Lindl.) J.J. Sm., Natuurw. Tijdschr. Ned.-Indië 72: 114. 1912. *Habit*: Epiphytic shrub. *Local name*: Porgachha. *Fl. & Fr.*: June-July. *Use*: Medicine. *State of occurrence*: Rare. *Representative specimen*: Farua R.F., 21 vii 2009, S.N. Uddin N3750 (DACB).

Vanilla havilandii Rolfe, Bull. Misc. Inform. Kew 1918: 236. 1918. *Habit*: Epiphytic herb. *Local name*: Porgachha. *Fl. & Fr.*: December-February. *Use*: Ornamental. *State of occurrence*: Rare. *Representative specimen*: Monlovichara, 17. i. 2009, S.N. Uddin N3201 (DACB).

MAGNOLIOPSIDA**29. Annonaceae** Juss. (1789)

Desmos chinensis Lour., Fl. Cochinch. 352. 1790. *Unona discolor* Vahl, Symb. Bot. 2: 63 (1791). *Habit*: Shrub. *Fl. & Fr.*: April-December. *State of occurrence*: Common. *Representative specimen*: Faruachara, 16 i 2009, S.N. Uddin N3155 (DACB).

Polyalthia simiarum (Buch.-Ham. ex Hook. f. & Thomson) Benth., Gen. Pl. 1(1): 25. 1862. *Gutteria simmiarum* Hook.f. & Thomson. 1872. *Habit*: Tree. *Local name*: Arjan. *Fl. & Fr.*: April-September. *Use*: Fire wood. *State of occurrence*: Rare. *Representative specimen*: Monlovichara, 18 iv 2009, S.N. Uddin N3451 (DACB).

Polyalthia suberosa (Roxb.) Thwaites, Enum. Pl. Zeyl. 398. 1864. *Uvaria suberosa* Roxb. Pl. Coromandel 1: 31. 1795. *Habit*: Shrub. *Local name*: Panchi-chunki, Murmuri. *Fl. & Fr.*: March-January. *Use*: Fruit edible. *State of occurrence*: Rare. *Representative specimen*: Faruachara, 23 vii 2009, S.N. Uddin N3833 (DACB).

30. Myristicaceae R.Br. (1810)

Horsfieldia glabra (Reinw. ex Blume) Warb., Monogr. Myristic. 1897. *Myristica glabra* Reinw. ex Blume, Bijdr. Fl. Ned. India 11: 5761. 1825. *Habit*: Tree. *Fl. & Fr.*: December-August. *State of occurrence*: Common. *Representative specimen*: Farua R. F., 19. i. 2009, Mm896 (DACB).

Myristica linifolia Roxb., Fl. Indica 3: 847. 1832. *Myristica longifolia* Wall. ex Hook. f. & Thomson. 1832. *Habit*: Tree. *Local name*: Am-barela, Ras-barela. *Fl. & Fr.*: January-May. *Use*: Firewood. *State of occurrence*: Rare. *Representative specimen*: Farua R. F., 17 iv 2009, S.N. Uddin N3440 (DACB).

31. Lauraceae Juss. (1789)

Beilschmiedia assamica Meisn., Prodr. 15(1): 64. 1864. *Habit*: Tree. *Local name*: Naga-sutrong. *Fl. & Fr.*: December-April. *State of occurrence*: Rare. *Representative specimen*: Farua R. F., 19 i 2009, S.N. Uddin N3252 (DACB).

Beilschmiedia roxburghiana Nees in Wall., Pl. Asiat. Rar. 2: 29. 1831. *Laurus bilocularis* Roxb. 1824. *Habit*: Tree. *Local name*: Serai-guti. *Fl. & Fr.*: March-August. *State of occurrence*: Rare. *Representative specimen*: Farua R. F., 19 i 2009, S.N. Uddin N3261 (DACB).

Litsea monopetala (Lour.) C.B. Rob., Syn. Pl. 2: 4. 1807. *Litsea polyantha* Juss., Ann. Mus. Natl. Hist. Nat. 6: 211. 1805. *Habit*: Tree. *Local name*: Huoria. *Fl. & Fr.*: March-April. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 20 iv 2009, S.N. Uddin N3563 (DACB).

Litsea salicifolia (Roxb. ex Nees) Hook.f., Fl. Brit. India 5: 167. 1886. *Tetranthera salicifolia* Roxb. ex Nees, Pl. Asiat. Rar. 2: 66. 1831. *Habit*: Tree. *Local name*: Digloti, Bara shimul. *Fl. & Fr.*: February-May. *State of occurrence*: Rare. *Representative specimen*: Faruachara, 16 x 2008, S.N. Uddin N3095 (DACB).

Phoebe paniculata (Nees) Nees, Syst. Laur. 105. 1836. *Ocotea paniculata* Nees, Pl. Asiat. Rar. 2: 71. 1831. *Habit*: Tree. *Fl. & Fr.*: March-November. *Use*: Wood. *State of occurrence*: Thought to be extinct. *Representative specimen*: Bompara, Jamunachhara, 22 vii 2009, S.N. Uddin N3794 (DACB).

32. Hernandiaceae Blume (1826)

Illigera khasiana C.B. Clarke, Fl. Brit. India 2(5): 461. 1878. *Habit*: Climber. *Fl. & Fr.*: October-February. *State of occurrence*: Rare. *Representative specimen*: Farua R. F., 15 x 2008, S.N. Uddin N3053 (DACB).

33. Piperaceae Giseke (1792)

Piper longum L., Sp. Pl. 29. 1753. *Chavica longa* H. Karst., III. Repet. Pharm.-Med. Bot. 478. 1886. *Habit*: Herb. *Local name*: Pipul pata. *Fl. & fr.*: June-September. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Farua R. F., 15 x 2008, S.N. Uddin N3033 (DACB).

34. Aristolochiaceae Juss. (1789)

Aristolochia coadunata Back., Bull. Jard. Bot. Btzg. III, 2: 320. 1920. *Habit*: Climber. *Fl. & Fr.*: April-November. *State of occurrence*: Rare. *Representative specimen*: Farua R. F., 15. x. 2008, S.N. Uddin N3086 (DACB).

Aristolochia tagala Cham., Linnaea 7: 207. 1832. *Aristolochia acuminata* Lam., Encycl. 1: 254. 1783. *Habit*: Climber. *Fl. & Fr.*: April-January. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Monlovichhara, 14 x 2008, S.N. Uddin N2965 (DACB).

35. Menispermaceae Juss. (1789)

Stephania japonica (Thunb.) Miers, Ann. Mag. Nat. Hist. 18: 14. 1866. *Menispermum japonicum* Thunb., Syst. Veg. 892. 1784. *Habit*: Climber. *Local name*: Nimukha. *Fl. & Fr.*: Throughout the year. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Bompara, Jamunachara, 22 vii 2009, S.N. Uddin N3809 (DACB).

Tinospora crispa (L.) Hook.f. & Thomson, Fl. Indica 1: 183. 1855. *Menispermum crispum* L. Sp. Pl. 2:1468. 1763. *Habit*: Climber. *Local name*: Gulancha; *Fl. & Fr.*: January-June. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Farua R. F., 19 iv 2009, S.N. Uddin N3499 (DACB).

36. Ulmaceae Mirbel (1815)

Trema orientalis (L.) Blume, Ann. Mus. Bot. Lugd.-Bat. 2: 62. 1856. *Sponia orientalis* (L.) Decene. 1834. *Habit*: Tree. *Local name*: Jinal. *Fl. & Fr.*: January-June. *Use*: Fire wood. *State of occurrence*: Common. *Representative specimen*: Monlovichhara, 17 i 2009, S.N. Uddin N3239 (DACB).

37. Moraceae Trinius (1835)

Artocarpus chama Buch.-Ham., Mem. Wern. Nat. Hist. Soc. 5: 331. 1826. *Artocarpus chaplasha* Roxb., Fl. Indica 3: 525. 1832. *Habit*: Tree. *Local name*: Chambal, Chapalish, Kathalicham. *Fl. & fr.*: April-August. *Use*: Fruit edible. *State of occurrence*: Common. *Representative specimen*: Farua R. F., 20 iv 2009, S.N. Uddin N3452 (DACB).

Artocarpus heterophyllus Lam., Encycl. 3: 29. 1789. *Artocarpus philippensis* Lam. Encycl. 3: 210 1789. *Habit*: Tree. *Local name*: Kathal. *Fl. & Fr.*: February-July. *Use*: Fruit edible. *State of occurrence*: Planted. *Representative specimen*: Monlovichhara, 14 x 2008, S.N. Uddin N2999 (DACB).

Ficus hispida L.f., Suppl. Pl. 442. 1782. *Ficus daemonum* K.D. Koenig ex Vahl, Enum. Pl. 2: 198. 1805. *Habit*: Tree. *Local name*: Dumur. *Fl. & Fr.*: April-September. *Use*: Medicine, Vegetable. *State of occurrence*: Common. *Representative specimen*: Jamunachhara, 16 x 2008, S.N. Uddin N3117 (DACB).

Ficus semicordata Buch.-Ham. ex Sm., Cycl. 14: 71. 1810. *Covellia conglomerata* (Roxb.) Miq., London J. Bot. 7: 459 (1848). *Habit*: Tree. *Local name*: Sadusi, Sadimadi. *Fl. & Fr.*: June-December. *Use*: Firewood. *State of occurrence*: Common. *Representative specimen*: Farua R. F., 15 x 2008, S.N. Uddin N3046 (DACB).

Streblus asper Lour., Fl. Cochinch. 1: 615. 1790. Fl. Cochinch. 1: 615. 1790. *Habit*: Tree. *Local name*: Seora, Harbi, Asshaora. *Fl. & Fr.*: February-June. *Use*: Fire wood. *State of occurrence*: Common. *Representative specimen*: Monlovichhara, 18 iv 2009, S.N. Uddin N3488 (DACB).

38. Urticaceae Juss. (1789)

Boehmeria glomerulifera Miq. in Zoll., Syst. Verz. India Archip 1854. *Boehmeria malabarica* Wedd. 1856. *Habit*: Tree. *Local name*: Borthurthuri. *Fl. & Fr.*: January-March. *Use*: Fibre. *State of occurrence*: Common. *Representative specimen*: Monlovichhara, 18. iv. 2009, S.N. Uddin N3496 (DACB).

Boehmeria aspera Wedd., Arch. Mus. Hist. Nat. 8: 349. 1856. *Boehmeria diversifolia* Wedd., Ann. Sci. Nat. 4(1): 202. 1851. *Habit*: Shrub. *Fl. & Fr.*: Throughout the year. *State of occurrence*: Thought to be extinct. *Representative specimen*: Farua R. F., 15 x 2008, S.N. Uddin N3069 (DACB).

Boehmeria macrophylla Hornem., Hort. Bot. Hafn. 2: 890. 1815. *Boehmeria humilis* Miq., Pl. Jungh. 33. 1851. *Habit*: Shrub. *Local name*: Ulichara. *Fl. & Fr.*: September-December. *State of occurrence*: Rare. *Representative specimen*: Monlovichhara, 15 x 2008, S.N. Uddin and Bushra Khan, B1075 (DACB).

Boehmeria nivea (L.) Gaudich, Voy. Uranie Bot.: 499. 1830. *Urtica nivea* L. 1753. *Habit*: Shrub. *Local name*: Kancura, Kankhura. *Fl. & Fr.*: May-November. *Use*: Fibre. *State of occurrence*: Thought to be extinct. *Representative specimen*: Monlovichhara, 17 i 2009, S.N. Uddin N3228 (DACB).

Boehmeria penduliflora Wedd. ex D.G. Long, Notes Roy. Bot. Gard. Edinburgh 40: 130. 1982. *Boehmeria densiflora* var. *penduliflora* (Wedd. ex D.G.Long) Acharya & Yonek., Acta Phytotax. Geobot. 53: 6 2002. *Habit*: Shrub. *Local name*: Boroduli. *Fl. & Fr.*: April-October. *Use*: Fibre. *State of occurrence*: Rare. *Representative specimen*: Farua R. F., 15 x 2008, Bushra, Momtaj & Nasir B1116.

Debregeasia squamata King ex Hook. f., Fl. Brit. India 5: 591. 1888. *Debregeasia spiculifera* Merr., Philipp. J. Sci. 21: 34. 1922. *Habit*: Shrub. *Local name*: Debrifolia. *Fl. & Fr.*: August-January. *State of occurrence*: Rare. *Representative specimen*: Monlovichhara, 17 i 2009, Bushra & Nasir, B. 1251(DACB).

Elatostema clarkei Hook. f., Fl. Brit. India 5: 569. 1888. *Habit*: Herb. *Local name*: Clarkejhara. *Fl. & Fr.*: September-January. *Use*: Weed. *State of occurrence*: Rare. *Representative specimen*: Monlovichhara, 14 x 2008, S.N. Uddin N2986 (DACB).

Elatostema rupestre (Buch.-Ham. ex D. Don) Wedd., Arch. Much. Hist. Nat. 9: 304. 1856. *Habit*: Herb. *Local name*: Pathorjhara. *Fl. & Fr.*: May-July. *Use*: Weed. *State of occurrence*: Thought to be extinct. *Representative specimen*: Farua R. F., 17 iv 2009, S.N. Uddin N3423 (DACB).

Oreocnide integrifolia (Gaudich.) Miq., Ann. Mus. Bot. Lugduno-Batavi 4: 306. 1869. *Villebrunea integrifolia* Gaudich., Voy. Bonite, Bot., Pl. 91. 1847. *Habit*: Tree. *Local name*: Horhuta. *Use*: Fibre. *State of occurrence*: Common. *Representative specimen*: Jamunachhara, 16 x 2008, S.N. Uddin N3079 (DACB).

Pellionia heyneana Wedd., Arch. Mus. Hist. Nat. 9: 287. 1855. *Elatostema heyneana* (Wedd.) A. Haller., Ann. Jard. Bot. Buit. 13: 316. 1896. *Habit*: Shrub. *Fl. & Fr.*: May-August. *Use*: Weed. *State of occurrence*: Rare. *Representative specimen*: Faruachhara, 19 iv 2009, S.N. Uddin N3536 (DACB).

Phenax mexicanus Wedd., Ann. Sci. Nat. Bot. 1: 193. 1854. *Habit*: Shrub. *Fl. & Fr.*: Throughout the year. *Use*: Weed. *State of occurrence*: Rare. *Representative specimen*: Monovichhara, 14 x 2008, S.N. Uddin N2960 (DACB) & 21 vii 2009, S.N. Uddin N3752(DACB).

Sarcochlamys pulcherrima Gaudich., Voy. Bot. 89. 1826. *Urtica pulcherrima* Roxb. 1832. *Habit*: Shrub. *Local name*: Maricha. *Fl. & Fr.*: June-February. *Use*: Fire wood. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 14 x 2008, S.N Uddin N2959 (DACB).

39. Junlandaceae Rich. *ex* Kunth (1824)

Engelhardtia spicata Lichen *ex* Blume., Bijdr. Fl. Ned. India 528. 1826. *Engelhardtia aceriflora* (Reinw.) Blume, Fl. Javae 1829. *Habit*: Tree. *Local name*: Jhumka Bhadi, Bolsne, Chorkanta-lej. *Fl. & Fr.*: November-April. *Use*: Wood. *State of occurrence*: Rare. *Representative specimen*: Farua R. F., 16 i 2009, S.N Uddin N3154 (DACB).

40. Fagaceae Dumort. (1829)

Lithocarpus acuminatus (Roxb.) Rehder, J. Arnold Arbor.1: 122. 1919. *Quercus acuminata* Roxb., Fl. India ed. 3: 636. 1832. *Habit*: Tree. *Local name*: Dholi Batna. *Fl. & Fr.*: January-November. *Use*: Wood. *State of occurrence*: Rare. *Representative specimen*: Farua R. F., 15 x 2008, S.N Uddin N3060 (DACB).

41. Amaranthaceae Juss. (1789)

Alternanthera sessilis (L.) R.Br. *ex* DC., Cat. Pl. Horti Monsp. 77. 1813. *Gomphrena sessilis* L., Sp. Pl. 225. 1753. *Habit*: Herb. *Local name*: Senchi shak. *Fl. & Fr.*: Throughout the year. *Use*: Vegetable, Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 23 vii 2008, S.N Uddin N3819 (DACB).

42. Polygonaceae Juss. (1789)

Persicaria hydropiper (L.) Opiz., Seznam 72. 1852. *Polygonum hydropiper* L., Sp. Pl. 361. 1753. *Habit*: Herb. *Local name*: Pakurmul, Bishkatali. *Fl. & Fr.*: August-April. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Bompara, Jamunachari, 22 vii 2009, S.N Uddin N3788 (DACB).

43. Dilleniaceae Salisb. (1806)

Dillenia indica L., Sp. Pl. 535. 1753. *Dillenia elongata* Miq., Fl. Ned. India 1(2): 12. 1858. *Habit*: Tree. *Local name*: Chalta; *Fl. & Fr.*: May-February. *Use*: Vegetable. *State of occurrence*: Common; *Representative specimen*: Jamunachhara, 16 x 2008, S.N Uddin N3116 (DACB).

44. Dipterocarpaceae Blume (1825)

Dipterocarpus costatus C.F. Gaertn., Suppl. Carp. 3: 50. 1805: *Dipterocarpus parvifolius* Heim., Bot. Tidsskr. 25: 43. 1903. *Habit*: Tree. *Local name*: Dulia garjan, Guti garjan. *Fl. & Fr.*: December-May. *Use*: Timber, Medicine. *State of occurrence*: Rare. *Representative specimen*: Faruachhara, 19 iv 2009, S.N Uddin N3529 (DACB).

Dipterocarpus turbinatus C.F.Gaertn, Suppl. Carp. 3: 51. 1805. *Dipterocarpus laevis* Buch.-Ham., Mem. Wern. Nat. Hist. Soc. 6: 299. 1829. *Habit*: Tree. *Local name*: Teli garjan, Kali garjan. *Fl. & Fr.*: March-June. *Use*: Timber and Oil. *State of occurrence*: Common. *Representative specimen*: Faruachhara, 19 iv 2009, S.N Uddin N3517 (DACB).

45. Theaceae Mirb. (1816)

Pyrenaria diospyricarpa Kurz., J. Asiat. Soc. Bengal, Pl. 2, Nat. Hist. 42: 60. 1873. *Pyrenaria garrettiana* W. G. Craib, Kew Bull. 1924: 87. 1924. *Habit*: Tree. *Fl. & Fr.*: May-November. *State of occurrence*: Rare. *Representative specimen*: Jamunachara, Pharua reserve forest, 22 vii 2009, S.N. Uddin N3797 (DACB).

46. Clusiaceae Lindl. (1836)

Calophyllum polyanthum Wall. ex Planch. & Triana, Ann. Sci. Nat., Bot. 15: 278. 1861. *Calophyllum elatum* Bedd., Fl. Sylv. S. India 1. 1869. *Habit*: Tree. *Local name*: Kan, Chandua. *Fl. & Fr.*: January-July. *Use*: Medicine. *State of occurrence*: Rare. *Representative specimen*: Monovichhara, 17 i 2009, S.N Uddin N3225 (DACB).

Cratoxylum sumatranum subsp. neriifolium (Kurz) Gogelein, Blumea 15: 463. 1967. *Cratoxylum neriifolium* Kurz J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 41(2): 293. 1872. *Habit*: Tree. *Local name*: Cowa. *Use*: Fire wood, Fruit edible. *State of occurrence*: Rare. *Representative specimen*: Farua R. F., 18 i 2009, S.N Uddin N3262 (DACB).

Garcinia cowa Roxb. ex DC., Prodr.1: 561. 1824. *Garcinia cornea* Roxb. ex Sm., Cycl. 15:5. 1810. *Habit*: Tree. *Local name*: Cowa. *Fl. & Fr.*: February-August. *Use*: Fruit edible. *State of occurrence*: Common. *Representative specimen*: Monolovichhara, 17 i 2009, S.N Uddin N3225 (DACB).

Garcinia xanthochymus Hook. f., Fl. Brit. India 1: 269. 1874. *Xanthochymus pictorius* Roxb., Pl. Coromandel 2: 196. 1805. *Habit*: Tree. *Local name*: Dem-gola, Dam-bel. *Fl. & Fr.*: March-February. *Use*: Fruit edible. *State of occurrence*: Rare. *Representative specimen*: Faruachara, 23 vii 2009, S.N Uddin N3823 (DACB).

47. Elaeocarpaceae DC. (1824)

Elaeocarpus rugosus Roxb. ex G. Don, Gen. Hist. 1: 559. 1831. *Elaeocarpus aristatus* Roxb. 1832. *Habit*: Tree. *Fl. & Fr.*: February-October. *State of occurrence*: Rare. *Representative specimen*: Faruachhara, 19 iv 2009, S.N Uddin N3497 (DACB).

Elaeocarpus serratus L., Sp. Pl. 515. 1753. *Elaeocarpus barnardii* Burkill 1917. *Habit*: Tree. *Fl. & Fr.*: March-October. *Use*: Fruit edible and Medicine. *State of occurrence*: Thought to be extinct. *Representative specimen*: Faruachhara, 19 iv 2009, S.N Uddin N3519 (DACB).

Elaeocarpus tectorius Poir., Encycl. 2: 704. 1812. *Craspedum tectorium* Lour. 1790. *Habit*: Tree. *Local name*: Chekio, Jalpai. *Fl. & Fr.*: May-October. *Use*: Fruit edible, Timber. *State of occurrence*: Planted. *Representative specimen*: Bompara, Jamunachara, 22 vii 2009, S.N Uddin N3805 (DACB).

48. Tiliaceae Juss. (1789)

Grewia nervosa (Lour.) Panigrahi, Taxon 34: 702. 1985. *Microcos paniculata* L. 1753. *Habit*: Shrub. *Local name*: Kukurbicha. *Fl. & fr.*: Throughout the year. *Use*: Fire wood. *State of occurrence*: Rare. *Representative specimen*: Monlovichara, 18. iv. 2009, S.N. Uddin N3480 (DACB).

49. Sterculiaceae Salisb. (1807)

Abroma augusta (L.) L.f., Suppl.: 341. 1781. *Theobroma augusta* L. 1776. *Habit*: Tree. *Local name*: Ulatkambal. *Fl. & fr.*: June-December. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara R. F., 17 iv 2009, S.N. Uddin N3816 (DACB).

Bytneria pilosa Roxb., Fl. Indica 2: 681. 1832. *Buettneria elegans* Ridl. 1911. *Habit*: Climber. *Local name*: Harjora lata. *Fl. & fr.*: October-February. *Use*: Medicine. *State of occurrence*: Very common. *Representative specimen*: Jamunachara, 16 x 2008, S.N. Uddin N3106 (DACB).

Scaphium scaphigerum (Wall. ex G. Don) G. Planch., Hist. Nat. Dro. Sim. 3: 632. 1876. *Scaphium wallichii* Schott & Endl. 1832. *Habit*: Tree. *Local name*: Pogan. *Fl. & Fr.*: February-April. *Use*: Medicine. *State of occurrence*: Rare. *Representative specimen*: Farua R. F., 15 x 2008, S.N. Uddin and Bushra khan, B1458 (DACB).

Sterculia hamiltonii (Kuntze) Adelb., Blumea 5: 506. 1952. *Sterculia coccinea* Roxb. 1832. *Habit*: Tree. *Local name*: Siduri phal gach. *Fl. & fr.*: April-October. *Use*: Fire wood. *State of occurrence*: Rare. *Representative specimen*: Farua R. F., 15. x. 2008, S.N. Uddin N3089 (DACB).

Sterculia villosa Roxb., Fl. Indica 3: 153. 1832. *Sterculia ornata* Wall ex Kurz 1873. *Habit*: Tree. *Local name*: Udal, Chandul. *Fl. & fr.*: March-May. *Use*: Fire wood, Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 19 iv 2009, S.N. Uddin N3516 (DACB).

50. Malvaceae Juss. (1789)

Abelmoschus hostilis M.S. Khan & M.S. Hussain, Bangladesh J. Pl. Taxon. 8: 115. 2001. *Habit*: Herb. *Fl. & fr.*: September-November. *Use*: Fibre. *State of occurrence*: Common. *Representative specimen*: Farua R. F., 15 x 2008, S.N. Uddin N3054 (DACB).

Hibiscus surattensis L., Sp. Pl. 696. 1753. *Hibiscus aculeatus* G. Don, Gen. Hist. 1: 480. 1831. *Habit*: Herb. *Local name*: Lata mesta. *Fl. & fr.*: September-February. *Use*: Fibre, Medicine. *State of occurrence*: Rare. *Representative specimen*: Faruachara, 16 i 2009, S.N. Uddin N3186 (DACB).

Urena lobata L., Sp. Pl. 692. 1753. *Urena americana* L., Pl. Surin. 11. 1775. *Habit*: Shrub. *Local name*: Congo-pat, Ban-okhra. *Fl. & fr.*: Throughout the year. *Use*: Fibre, Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 16 i 2009, S.N. Uddin N3150 (DACB).

51. Flacourtiaceae DC. (1824)

Hydnocarpus kurzii (King) Warb., Nat. Pflanzenfam. 3 (6a): 21. 1893. *Taraktogenos kurzii* King, J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 59: 123. 1890. *Habit*: Tree. *Local name*: Chaulmugra. *Fl. & fr.*: July-February. *Use*: Medicine. *State of occurrence*: Rare. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N3011 (DACB).

52. Passifloraceae Juss. (1806)

Passiflora foetida L., Sp. Pl. 959. 1753. *Passiflora polyadena* Vell., Fl. Flumin. 9: 1827. *Habit*: Climber. *Local name*: Jhumko lata. *Fl. & fr.*: April-August. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Farua R. F., 15 x 2008, S.N. Uddin N3074 (DACB).

53. Cucurbitaceae Juss. (1789)

Luffa cylindrica (L.) Roem., Fam. Nat. Syn. Monogr. 2: 63. 1846. *Luffa aegyptiaca* Mill. 1768. *Habit*: Herb. *Local name*: Dhundul, Titpola. *Fl. & fr.*: June-December. *Use*: Vegetable, Medicine. *State of occurrence*: Cultivated. *Representative specimen*: Faruachara, 16 i 2009, S.N. Uddin N3141 (DACB).

Momordica cochinchinensis (Lour.) Spreng., Syst. Veg. 3: 14. 1826. *Muricia cochinchinensis* Lour. 1790. *Habit*: Climber. *Local name*: Kakrol, Golkak. *Fl. & fr.*: July-October. *Use*: Vegetable. *State of occurrence*: Cultivated. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N2992 (DACB).

Mukia maderaspatana (L.) Roem., Fam. Nat. Syn. Monogr. 2: 47. 1846. *Melothria maderaspatana* (L.) Cogn. 1881. *Habit*: Climber. *Local name*: Agmukhi, Bilari. *Fl. & fr.*: June-December. *Use*: Medicine. *State of occurrence*: Rare. *Representative specimen*: Faruachara, 16 i 2009, S.N. Uddin N3107 (DACB).

Solena amplexicaulis (Lam.) Gandhi, Fl. Hassan District 179. 1976. *Melothria heterophylla* (Lour.) Cogn. 1881. *Habit*: Climber. *Local name*: Rakhhal gota, Rakhhal shasha. *Fl. & fr.*: April-September. *Use*: Medicine. *State of occurrence*: Rare. *Representative specimen*: Farua R. F., 15 x 2008, S.N. Uddin N3072 (DACB).

Thladiantha cordifolia (Blume) Cogn., Monogr. Phan. 3: 424. 1881. *Thladiantha calcarata* C.B. Clarke 1876. *Habit*: Climber. *Fl. & fr.*: May-November. *State of occurrence*: Rare. *Representative specimen*: Farua R. F., 21 vii 2009, S.N. Uddin N3732 (DACB).

Trichosanthes cordata Roxb., Fl. Indica, 3: 703. 1832. *Trichosanthes microsiphon* Kurz 1872. *Habit*: Climber. *Local name*: Bhuikakra. *Fl. & fr.*: June-December. *Use*: Medicine. *State of occurrence*: Rare. *Representative specimen*: Alikhiang, 24 vii 2009, S.N. Uddin N3842 (DACB).

Begonia roxburghii (Miq.) A. DC., Prodr. 15 (1): 398. 1864. *Diploclinium roxburghii* Miq. Fl. Ned India 1(1): 692. 1856. *Habit*: Herb. *Fl. & fr.*: July-August. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Alikhiang, 24 vii 2009, S.N. Uddin N3843 (DACB).

Begonia silhetensis (A.DC.) C.B. Clarke, Fl. Brit. India 2: 636. 1879. *Casparya silhetensis* A.DC., Prodr. 15(1): 277. 1864. *Habit*: Herb. *Fl. & fr.*: October-January. *Use*: Indoor ornamental. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 18 i 2009, S.N. Uddin N3247 (DACB).

54. Capparaceae Juss. (1789)

Stixis suaveolens (Roxb.) Pierre, Bull. Mens. Soc. Linn. Paris 1: 654. 1887. *Roydsia suaveolens* Roxb., Pl. Coromandel 3: 87. 1819. *Habit*: Climber. *Local name*: Madhumalati. *Fl. & Fr.*: Throughout the year. *Use*: Fruit edible. *State of occurrence*: Rare. *Representative specimen*: Monlovichara, 18 i 2009, S.N. Uddin N3256 (DACB).

55. Ebenaceae Gürke (1891)

Diospyros pilosiuscula G.Don, Gen. Hist. 4: 39. 1837. *Diospyros pilosula* (A. DC.) Wall. ex Hiern, Trans. Cambridge Philos. Soc. 12: 188. 1873. *Habit*: Tree. *Local name*: Titkin, khalta. *Fl. & fr.*: March-July. *Use*: Wood. *State of occurrence*: Common. *Representative specimen*: Alikhiong, 22 vii 2009, S.N. Uddin N3810 (DACB).

56. Myrsinaceae R.Br. (1810)

Ardisia solanacea (Poir.) Roxb., Pl. Coromandel 1: 27. 1795. *Tinus paniculata* Kuntze 1891. *Habit*: Shrub. *Local name*: Bon-Jam. *Fl. & fr.*: January-May. *Use*: Medicine. *State of occurrence*: Rare. *Representative specimen*: Faruachara, 6 i 2009, S.N. Uddin N3160 (DACB).

Maesa indica (Roxb.) A. DC., Trans. Linn. Soc. London 17 (1): 134. 1834. *Baeobotrys indica* Roxb. 1814. *Habit*: Small tree. *Local name*: Sesu, Sirkhi. *Fl. & fr.*: April-January. *Use*: Firewood. *State of occurrence*: Very common. *Representative specimen*: Farua R. F., 15 x 2008, S.N. Uddin N3059 (DACB).

Maesa ramentacea (Roxb.) A. DC., Prodr. 1844. *Habit*: Small tree. *Local name*: Noa-maricha, Bol-jakhandok. *Fl. & fr.*: January-November. *Use*: Medicine. *State of occurrence*: Very common. *Representative specimen*: Farua R. F., 20 iv 2009, S.N. Uddin N3559 (DACB).

57. Mimosaceae R.Br. (1814)

Albizia lucidior (Steud.) I. C. Nielsen *ex* H. Hara, Fl. Pl. Nepal 2: 104. 1979. *Inga lucidior* Steud. Nomencl. Bot. 1: 810. 1840. *Habit*: Tree. *Local name*: Sil koroi. *Fl. & Fr.*: April-October. *Use*: Timber and Medicine. *State of occurrence*: Common. *Representative specimen*: Farua R. F., 17 iv 2009, S.N. Uddin N-3416 (DACB).

Calliandra umbrosa (Wall.) Benth., Trans. Linn. Soc. 30: 537. 1875. *Inga umbrosa* Wall. 1831. *Habit*: Tree. *Local name*: Chotto Betmara. *Fl. & fr.*: June-February. *Use*: Fire wood. *State of occurrence*: Planted. *Representative specimen*: Farua R. F., 17 i 2009, S.N. Uddin N3217 (DACB).

Mimosa pudica L., Sp. Pl. 1: 518. 1753. *Mimosa aspirata* Blanco 1837. *Habit*: Herb. *Local name*: Lal lajjabati. *Fl. & fr.*: Throughout the year. *Use*: Medicine, Soil Binder. *State of occurrence*: Common. *Representative specimen*: Alikhiong, 22 vii 2009, S.N. Uddin N3810 (DACB).

58. Caesalpinaceae R.Br. (1814)

Caesalpinia cucullata Roxb., Fl. Indica 2: 358. 1832. *Mezoneuron cucullatum* (Roxb.) Wight & Arn.. 1834. *Habit*: Shrub. *Local name*: Bogaserra kanta. *Fl. & fr.*: January-March. *Use*: Fire Wood. *State of occurrence*: Common. *Representative specimen*: Faruachara, 16 i 2009, S.N. Uddin N3163 (DACB).

Saraca asoca (Roxb.) De Wilde, Blumea 15: 393 (1968). *Jonesia asoca* Roxb., J. Asiat. Res, 4: 355. 1795. *Habit*: Tree. *Local name*: Ahok. *Fl. & fr.*: February-September. *Use*: Ornamental, Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 16 i 2009, S.N. Uddin N3430 (DACB).

Senna hirsuta (L.) H.S. Irwin & Barneby, Phytologia 44(7): 499. 1979. *Cassia hirsuta* L. 1753. *Habit*: Herb. *Fl. & fr.*: Throughout the year. *Use*: Vegetable, Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 16 i 2009, S.N. Uddin N3151 (DACB).

59. Fabaceae Lindl. (1836)

Crotalaria verrucosa L., Sp. Pl. 2: 715. 1753. *Habit*: Herb. *Local name*: Bansan, Jhanjhana. *Fl. & Fr.*: May-December. *Use*: Medicine. *State of occurrence*: Rare. *Representative specimen*: Farua R.F., 15 x 2008, S.N. Uddin N3038 (DACB).

Dalbergia stipulacea Roxb., Fl. Indica 3: 233. 1814. *Dalbergia ferruginea* Roxb. 1832. *Habit*: Climber. *Local name*: Dadbari. *Fl. & Fr.*: January-March. *State of occurrence*: Rare. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N2961 (DACB).

Dalbergia volubilis Roxb., Pl. Coromandel 2: 48. 1805. *Habit*: Climber. *Local name*: Ankilata. *Fl. & fr.*: December-June. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 17 i 2009, S.N. Uddin N3221 (DACB).

Derris robusta (Roxb. *ex* DC.) Benth., J. Proc. Linn. Soc., Bot. 4: 104. 1860. *Dalbergia robusta* Roxb. *ex* DC. 1825. *Habit*: Tree. *Local name*: Jangaria, Jamurja, Korai. *Fl. & fr.*: December-May. *Use*: Timber. *State of occurrence*: Rare. *Representative specimen*: Farua R.F., 21 vii 2009, S.N. Uddin N3742 (DACB).

Derris trifoliata Lour., Fl. Cochinch.: 433. 1790. *Robinia uliginosa* Willd. 1802. *Habit*: Shrub. *Local name*: Guala-lata, Kala-lata, Pan-lata. *Fl. & Fr.*: March-June. *Use*: Medicine. *State of occurrence*: Rare. *Representative specimen*: Farua R.F., 21 vii 2009, S.N. Uddin N3751 (DACB).

Desmodium heterocarpon (L.) DC., Prodr. 2: 337 (1825). *Hedysarum heterocarpon* L., Sp. Pl. 2: 747. 1753. *Habit*: Shrub. *Local name*: Karpodi, Koo-shey-dung. *Fl. & Fr.*: March-July. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 15 x 2008, S.N. Uddin N3036 (DACB).

Desmodium laxiflorum DC., Ann. Sci. Nat. Paris 4: 100 .1825. *Meibomia laxiflora* (DC.) Kuntze, Revis Jen. Pl. 1: 196. 1891. *Habit*: Shrub. *Local name*: Laximodi. *Fl. & Fr.*: August-December. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 14 x 2009, S.N. Uddin N2970 (DACB).

Flemingia strobilifera (L.) R.Br. in Ait, Hort. Kew 2(4): 350. 1812. *Hedysarum strobilifera* L. 1753. *Habit*: Shrub. *Local name*: Sim Busak. *Fl. & fr.*: October-February. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 17 i 2009, S.N. Uddin N3204 (DACB).

Millettia pachycarpa Benth., Pl. Jungh. 2: 250. 1852. *Phaseolodes pachycarpum* (Benth.) Kuntze, Revis. Gen. Pl. 1: 201 1891. *Habit*: Climber. *Local name*: Bish lata, Boko-bih. *Fl. & Fr.*: March-June. *Use*: Milky juice of root and fruit used for intoxicating fishes for easy catching. *State of occurrence*: Rare. *Representative specimen*: Alikhiong, 22 vii 2009, S.N. Uddin N3793 (DACB).

Mucuna bracteata DC. ex Kurz., J. Asiat. Soc. Beng. 42: 231 1873. *Carpopogon bracteatum* Roxb. 1814. *Habit*: Climber. *Local name*: Wakmi. *Fl. & fr.*: January-May. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Alikhiong, 23 vii 2009, S.N. Uddin N3182 (DACB).

Mucuna monosperma (Roxb.) DC., Prodr. 2: 406. 1825. *Carpopogon monospermum* Roxb., Hort. Bengal. 54. 1814. *Habit*: Climber. *Local name*: Lal soash Guri. *Fl. & fr.*: Throughout the year. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Jamunachara, 16 x 2008, S.N. Uddin N3091 (DACB).

Mucuna pruriens (L.) DC., Prodr. 2: 405. 1825. *Dolichos pruriens* L. 1754. *Habit*: Climber. *Local name*: Bilai sungi, Al-Kushi. *Fl. & Fr.*: October-March. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Alikhiong, 23 vii 2009, S.N. Uddin N3142 (DACB).

Rhynchosia minima (L.) DC., Prodr. 2: 385 (1825). *Dolichos minima* L., Sp. Pl. 2: 726. 1753. *Habit*: Climber. *Fl. & Fr.*: April-September. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 17 i 2009, S.N. Uddin N3224 (DACB).

Spatholobus acuminatus Benth. in Miq., Pl. Jung. 238 (1852). *Butea acuminata* Wall. ex Kurz. 1876. *Habit*: Climber. *Local name*: Palashya lata. *Fl. & fr.*: August-December. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 17 iv 2009, S.N. Uddin N3455 (DACB).

60. Sonneratiaceae Engl. (1897)

Duabanga grandiflora (Roxb. ex DC.) Walp., Repert. Bot. Syst. 2: 114. 1843. *Lagerstroemia grandiflora* Roxb. ex DC., Mém. Soc. Phys. Genève 3 (2): 84. 1826. *Habit*: Tree. *Local name*: Ramdala, Lampati, Kacha, Bandarhola. *Fl. & Fr.*: January-June. *Use*: Wood. *State of occurrence*: Rare. *Representative specimen*: Bompara, Jamunachara, 22 i 2016, K.K. Islam, KKI2314 (DACB).

61. Lythraceae Saint-Hilaire (1805)

Ammania baccifera L., Sp. Pl. 120. 1753. *Habit*: Herb. *Local name*: Acid gachh, Janlimendi. *Fl. & fr.*: April-September. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 17 iv 2009, S.N. Uddin N(DACB).

Lagerstroemia speciosa (L.) Pers., Syn. Pl. 2: 72. 1806. *Munchausia speciosa* L., Hausvater, 5(1): 357. 1770. *Habit*: Tree. *Local name*: Jarul. *Fl. & fr.*: April-August. *Use*: Ornamental, Timber. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 17 iv 2009, S.N. Uddin N3435 (DACB).

Woodfordia fruticosa (L.) Kurz, J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 40(2): 56. 1871. *Lythrum fruticosum* L., Syst. Nat. 2: 1045. 1759. *Habit*: Tree. *Local name*: Ragkat, Dhatriphul. *Fl. & fr.*: January-May. *Use*: Ornamental, Medicine. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 17 iv 2009, S.N. Uddin N(DACB).

62. Myrtaceae Juss. (1789)

Syzygium jambos (L.) Alston, Handb. Fl. Ceylon 6: 115 (1931). *Eugenia jambos* L., Sp. Pl. 470. 1753. *Habit*: Tree. *Local name*: Gulab-jam. *Fl. & fr.*: March-June. *Use*: Fruit edible. *State of occurrence*: Planted. *Representative specimen*: Farua R.F., 17 iv 2009, S.N. Uddin N(DACB).

63. Onagraceae Juss. (1789)

Ludwigia hyssopifolia (G. Don) Exell, Garcia de Orta 5: 471. 1957. *Jussiaea hyssopifolia* G. Don, Gen. Hist. 2: 693. 1832. *Habit*: Herb. *Fl. & fr.*: January-December. *Use*: Common weed. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N3001 (DACB).

Ludwigia octovalvis (Jacq.) P.H. Raven, Kew Bull. 15(3): 476. 1962. *Oenothera octovalvis* Jacq., Enum. Syst. Pl. 19. 1760. *Habit*: Herb. *Local name*: Bhuikura, Bunlong, Labanga Lang. *Fl. & fr.*: January-December. *Use*: Common weed. *State of occurrence*: Common. *Representative specimen*: Alikhiong, 23 vii 2009, S.N. Uddin N3825 (DACB).

Ludwigia perennis L., Sp. Pl. 119. 1753. *Ludwigia parviflora* Roxb., Fl. Indica 1: 440. 1820. *Habit*: Herb. *Fl. & fr.*: February-December. *Use*: Common weed. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N2991 (DACB).

64. Melastomataceae Juss. (1789)

Melastoma malabathricum L., Sp. Pl. 1: 390. 1753. *Melastoma affine* D. Don, Mem. Wern. Nat. Hist. Soc. 4: 288. 1823. *Habit*: Shrub. *Local name*: Tejbohol. *Fl. & fr.*: Throughout the year. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 19 iv 2009, S.N. Uddin N3432 (DACB).

Osbeckia aspericaulis Hook.f. ex Triana, Trans. Linn. Soc. London 28 (1): 55. 8 Dec 1871-13 Jan 1872. *Habit*: Shrub. *Fl. & Fr.*: April-August. *State of occurrence*: Rare. *Representative specimen*: Alikhiong, 24 vii 2009, S.N. Uddin N3846 (DACB).

65. Combretaceae R.Br. (1810)

Anogeissus acuminata (Roxb. ex DC.) Wall. ex Guillem. & Perr., Fl. Seneg. Tent. 280. 1832. *Conocarpus acuminatus* Roxb. ex DC., Prodr. 3: 16. 1828. *Habit*: Tree. *Local name*: Chakwa. *Fl. & Fr.*: February-April. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 20 iv 2008, S.N. Uddin N3561 (DACB).

Combretum decandrum Jacq., Enum. Syst. Pl. 19 (1760). *Combretum roxburghii* Spreng. 1825. *Habit*: Shrub. *Local name*: Sada guicha. *Fl. & fr.*: December-March. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 15 x 2008, S.N. Uddin N3168 (DACB).

Getonia floribunda Roxb., Pl. Coromandel 1: 61. 1795. *Calycopteris floribunda* (Roxb.) Lam., Encycl. 2: 41. 1811. *Habit*: Shrub. *Local name*: Guicha lata. *Fl. & fr.*: January-April. *Use*: Medicine. *State of occurrence*: Planted. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N3069 (DACB).

Terminalia bellirica (Gaertn.) Roxb., Pl. Coromandel 2: 54. 1805. *Myrobalanus laurinoides* (Teijsm. & Binn.) Kuntze. *Habit*: Tree. *Local name*: Bohera, Boyra. *Fl. & fr.*: March-November.

Use: Medicine. *State of occurrence:* Planted. *Representative specimen:* Farua R.F., 21 vii 2008, S.N. Uddin N3720 (DACB).

Terminalia catappa L., Mant. Pl. 128. 1767. *Terminalia badamia* sensu Tul., Ann. Sci. Nat., Bot. 6: 92. 1856. *Habit:* Tree. *Local name:* Katbadam. *Fl. & fr.:* March-December. *Use:* Ornamental. *State of occurrence:* Planted. *Representative specimen:* Farua R.F., 16 i 2009, S.N. Uddin N3411 (DACB).

66. Loranthaceae Juss. (1808)

Dendrophthoe falcata (L.f.) Ettingsh, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 32: 52. 1872. *Dendrophthoe indica* (Desr.) Miq., Fl. Ned. India 1(1): 820. 1856. *Habit:* Parasite. *Local name:* Phorolla. *Fl. & fr.:* Throughout the year. *Use:* Medicine. *State of occurrence:* Rare. *Representative specimen:* Farua R.F., 19 i 2009, S.N. Uddin N3264 (DACB).

Macrosolen cochinchinensis (Lour.) Tiegh., Bull. Soc.Bot. France 4: 122. 1894. *Loranthus cochinchinensis* Lour., Fl. Cochinch. 1: 195. 1790. *Habit:* Parasite. *Local name:* Rema, Renda, Chota Banda. *Fl. & fr.:* Throughout the year. *Use:* Trapping birds. *State of occurrence:* Common. *Representative specimen:* Farua R.F., 17 iv 2009, S.N. Uddin N3443 (DACB).

Scurrula parasitica L., Sp. Pl. 1: 110. 1753. *Loranthus scurrula* L. 1762. *Habit:* Parasite. *Fl. & Fr.:* November-March. *State of occurrence:* Rare. *Representative specimen:* Farua R.F., 15 x 2008, S.N. Uddin N3049 (DACB).

67. Celastraceae R.Br. (1814)

Euonymus glaber Roxb., Fl. Indica 2: 403. 1824. *Euonymus carinatus* Craib, Bull. Misc. Inform. Kew 347. 1926. *Habit:* Tree. *Fl. & Fr.:* October-April. *Use:* Timber. *State of occurrence:* Rare. *Representative specimen:* Bompara, Jamunachara, 22 vii 2009, S.N. Uddin N3790 (DACB).

68. Euphorbiaceae Juss. (1789)

Antidesma montanum Blume, Bijdr. Fl. Ned. India 1124. 1827. *Antidesma montanum* Blume var. *montanum* P. Hoffm., Thai Forest Bull. (Bot.) 28: 150. 2000. *Habit:* Tree. *Use:* Fruit edible. *State of occurrence:* Rare. *Representative specimen:* Farua R.F., 15 x 2008, S.N. Uddin N3064 (DACB).

Balakata baccata (Roxb.) Esser, Blumea 44: 155. 1999. *Sapium baccatum* Roxb., Fl. India 3: 694. 1832. *Habit:* Tree. *Local name:* Boloch, Billa, Kalabel, Kalagota. *Fl. & fr.:* April-October. *Use:* Fire wood. *State of occurrence:* Common. *Representative specimen:* Farua R.F., 20 iv 2009, S.N. Uddin N3549 (DACB).

Bridelia stipularis (L.) Blume, Bijdr. 597. 1826. *Clutia stipularis* L., Mant. Pl. 127. 1776. *Habit:* Shrub. *Local name:* Pat Khowl. *Fl. & Fr.:* November-March. *Use:* Fruit edible. *State of occurrence:* Common. *Representative specimen:* Monlovichara, 17 i 2009, S.N. Uddin N3220 (DACB).

Bridelia tomentosa Blume, Bijdr. 597. 1826. *Bridelia lancifolia* Roxb., Fl. Indica 3: 737. 1832. *Habit:* Tree. *Local name:* Khoi. *Fl. & fr.:* September-January. *Use:* Fruit edible. *State of occurrence:* Common. *Representative specimen:* Faruachara, 16 i 2009, S.N. Uddin N3167 (DACB).

Macaranga indica Wight., Icon. Pl. India Orient. 5. 1852. *Macaranga adenantha* Gagnep., Bull. Soc. Bot. France 69. 1923. *Habit:* Tree. *Fl. & fr.:* April-December. *State of occurrence:* Common. *Representative specimen:* Bompara, Jamunachara, 22 vii 2009, S.N. Uddin N3774 (DACB).

Macaranga peltata (Roxb.) Müll. Arg., Prodr. 15(2): 1010. 1866. *Osyris peltata* Roxb., Fl. Indica 1832. *Habit:* Tree. *Local name:* Pelta bura. *Fl. & fr.:* February-July. *Use:* Firewood. *State of*

occurrence: Common. *Representative specimen*: Farua R.F., 19 iv 2009, S.N. Uddin N3507 (DACB).

Mallotus nudiflorus (L.) Kulju & Welzen, *Blumea* 52: 124. 2007. *Trewia nudiflora* L., *Sp. Pl.* 1193 .1753. *Habit*: Tree. *Local name*: Meragota, Pitali, Deshi-gamar. *Fl. & fr.*: Throughout the year. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 23 vii 2009, S.N. Uddin N3829 (DACB).

Phyllanthus niruri L., *Sp. Pl.* 981. 1753. *Niruris annua* Raf., *Sylva Tellur.* 91. 1838. *Habit*: Herb. *Local name*: Bhuiamla. *Fl. & fr.*: August-October. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Bompara, Jamunachara, 22 vii 2009, S.N. Uddin N3776 (DACB).

Phyllanthus reticulatus Poir., *Encycl.* 5: 298. 1804. *Kirganelia reticulata* (Poir.) Baill., *Étude Euphorb.* 613. 1858. *Habit*: Shrub. *Local name*: Chitki, Pasnjuli. *Fl. & fr.*: March-October. *State of occurrence*: Very common. *Representative specimen*: Monlovichara, 18 iv 2009, S.N. Uddin N3472 (DACB).

Phyllanthus urinaria L., *Sp. Pl.* 982. 1753. *Diasperus urinaria* (L.) Kuntze, *Revis. Gen. Pl.* 2: 601. 1891. *Habit*: Herb. *Local name*: Hazarmani. *Fl. & fr.*: April-October. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 21 vii 2009, S.N. Uddin N3758 (DACB).

Suregada multiflorum (A.Juss.) Baill., *Étude Euphorb.* 396. 1858. *Gelonium bifarium* Roxb. *ex Willd. Sp. Pl.* 4: 831. 1806. *Habit*: Tree. *Local name*: Ban-naranga, Maricha. *Fl. & fr.*: February-June. *Use*: Fire wood. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 18 iv 2009, S.N. Uddin N3470 (DACB).

69. Rhamnaceae Juss. (1789)

Ziziphus oenoplia L., *Gard. Dict.* 1768. *Rhamnus oenopolia* L., *Sp. Pl.* 1: 194. 1753. *Habit*: Shrub. *Local name*: Bon Boroi, Jangal Boroi, Sialkul. *Fl. & fr.*: August-December. *Use*: Fruit edible. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 18 iv 2009, S.N. Uddin N (DACB).

70. Leeaceae Dumort. (1829)

Leea indica (Burm. f.) Merr., *Philipp. J. Sci.* 14(2): 245. 1919. *Leea sambucina* (L.) Willd., *Sp. Pl.* 1(2): 1177. 1798. *Habit*: Shrub. *Local name*: Kukur Jihwa. *Fl. & fr.*: July-January. *Use*: Fire wood. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 18 i 2009, S.N. Uddin N3245 (DACB).

71. Vitaceae Juss. (1789)

Ampelocissus barbata (Wall.) Planch. in DC., *Monogr. Phan.* 5: 372. 1887. *Vitis barbata* Wall. 1824. *Habit*: Climber. *Local name*: Jarila-lahari. *Fl. & Fr.*: June-October. *Use*: Fruit edible. *State of occurrence*: Common. *Representative specimen*: Jamunachara, 16 x 2008, S.N. Uddin N3093 (DACB).

Cissus adnata Roxb., *Fl. India* 1: 405. 1820. *Vitis adnata* (Roxb.) Wall., *Prodr. Fl. Indica Orient.* 1: 126. 1834. *Habit*: Climber. *Local name*: Bhatia-lata, alianga-lata. *Fl. & fr.*: March-August. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 15 x 2008, S.N. Uddin N3066 (DACB).

Cissus elongata Roxb., *Fl. Indica* 1: 411. 1820. *Vitis elongata* (Roxb.) Wall. 1875. *Habit*: Climber. *Local name*: Chemna, Dhemna. *Fl. & Fr.*: May-September. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 18 iv 2009, S.N. Uddin N3474 (DACB).

Cissus javana DC., Prodr. 1: 628. 1824. *Cissus discolor* Blume 1823. *Habit*: Herb. *Local name*: Ajongma pinon. *Fl. & fr.*: May-December. *Use*: Ornamental. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 15 x 2008, S.N. Uddin N3061 (DACB).

Cissus repanda (Wight & Arn.) Vahl., Symb. Bot. 3: 18. 1794. *Vitis repanda* (Vahl) Wight & Arn. 1834. *Habit*: Climber. *Local name*: *Fl. & Fr.*: August-October. *State of occurrence*: Rare. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N2989 (DACB).

Vitis heyneana Roem. & Schult., Syst. Veg. 5: 318 (1819). *Vitis lanata* Roxb., Fl. Indica, 2: 474. 1824. *Habit*: Climber. *Fl. & Fr.*: May-October. *State of occurrence*: Rare. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N3073 (DACB).

72. Malpighiaceae Juss. (1789)

Aspidopterys orbiculata (Roxb. ex Wall.) Nied., Arbeiten Bot. Inst. Königl. Lyceums Hosianum Braunsberg 6: 14. 1915. *Aspidopterys rotundifolia* (Roxb.) A. Juss., Ann. Sci. Nat., Bot. 13: 267. 1840. *Habit*: Climber. *State of occurrence*: Rare. *Representative specimen*: Farua R.F., 15 x 2008, S.N. Uddin N3096 (DACB).

73. Staphyleaceae Lindl. (1829)

Turpinia pomifera (Roxb.) DC., Prodr. 2: 3. 1825. *Dalrympelea pomifera* Roxb. 1820. *Habit*: Shrub. *Local name*: Bhola, Janokijam, kalabott. *Fl. & Fr.*: March-October. *State of occurrence*: Rare. *Representative specimen*: Monlovichara, 18 iv 2009, S.N. Uddin N3482 (DACB).

74. Sapindaceae Juss. (1789)

Allophylus cobbe (L.) Raeuschel var. *villosa* (Roxb.) Prain, Rec. Bot. Surv. India 1: 236. 1898. *Allophylus villosa* (Roxb.) Blume 1847. *Habit*: Tree. *Local name*: Aitachita; *Fl. & fr.*: Throughout the year. *Use*: Firewood. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N2988 (DACB).

Cardiospermum halicacabum L., Sp. Pl. 366. 1753. *Cardiospermum acuminatum* Miq., Linnaea 17: 579. 1843. *Habit*: Climber. *Local name*: Lataphutki. *Fl. & fr.*: May-November. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 15 x 2008, S.N. Uddin N3425.

Lepisanthes rubiginosa (Roxb.) Leenh., Blumea 17(1): 82. 1969. *Sapindus rubiginosus* Roxb., Pl. Coromandel 1: 44. 1795. *Habit*: Tree. *Local name*: Chhagol nadi. *Fl. & fr.*: April-May. *Use*: Fruit edible. *State of occurrence*: Rare. *Representative specimen*: Monlovichara, 18 iv 2008, S.N. Uddin N3471 (DACB).

75. Burseraceae Kunth (1824)

Garuga pinnata Roxb., Pl. Coromandel 3: 5. 1811. *Garuga pharhad* Buch.-Ham., Trans. Linn. Soc. London 17: 191. 1835. *Habit*: Tree. *Local name*: Paharijiga. *Fl. & fr.*: February-May. *Use*: Timber. *State of occurrence*: Rare. *Representative specimen*: Bompara, Jamunachara, 22 vii 2009, S.N. Uddin N3785 (DACB).

Protium serratum (Wall. ex Colebr.) Engl., Monogr. Phan. 4: 88. 1883. *Bursera serrata* Wall. ex Colebr. 1827. *Habit*: Tree. *Local name*: Hajna, Chitrica, Gutgutya. *Fl. & Fr.*: March-June. *Use*: Fruit edible. *State of occurrence*: Rare. *Representative specimen*: Bompara, Jamunachara, 22 vii 2009, S.N. Uddin N3772 (DACB).

76. Anacardiaceae R.Br. (1818)

Drimycarpus racemosus Hook.f. in Benth. & Hook. f., Gen. Pl. 1: 424. 1862. *Holigarna racemosa* Roxb., 1832. *Habit*: Tree. *Local name*: Khali, Nala amshi, Kodi barela. *Fl. & Fr.*:

September-April. *State of occurrence*: Rare. *Representative specimen*: Faruachara, 19 iv 2009, S.N. Uddin N3515 (DACB).

Mangifera sylvatica Roxb., Fl. Indica 2: 438. 1824. *Habit*: Tree. *Local name*: Uri aam. *Fl. & fr.*: January-June. *Use*: Fruit edible. *State of occurrence*: Rare. *Representative specimen*: Farua R.F., 17 iv 2009, S.N. Uddin N3442 (DACB).

Semecarpus anacardium L.f., Suppl. Pl.: 182. 1781. *Anacardium officinarum* Gaertn. 1788. *Habit*: Tree. Bela, Beda. *Fl. & Fr.*: March-December. *Use*: Fruit edible, Medicine. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 17 iv 2009, S.N. Uddin N3418 (DACB).

Swintonia floribunda Griff., Proc. Linn. Soc. London 1: 283. 1846. *Swintonia griffithii* Kurz 1870. *Habit*: Tree. *Local name*: Civit. *Fl. & Fr.*: February-May. *Use*: Timber. *State of occurrence*: Rare. *Representative specimen*: Monlovichara, 18 iv 2009, S.N. Uddin N3485 (DACB).

77. Meliaceae Juss. (1789)

Aphanamixis polystachya (Wall.) R.N. Parker, Indian Forester 57: 486. 1931. *Aphanamixis polillensis* (C.B. Rob.) Merr, Enum. Philipp. Fl. Pl. 2: 370. 1923. *Habit*: Tree. *Local name*: Pitraj, Royna. *Fl. & fr.*: February-May. *Use*: Timber. *State of occurrence*: Planted. *Representative specimen*: Monlovichara, 18 iv 2009, S.N. Uddin N3489 (DACB).

Toona ciliata M. Roem., Fam. Nat. Syn. Monogr. 1: 139. 1846. *Cedrela serrulata* Miq., Fl. Ned. India, Eerste Bijv. 508. 1861. *Habit*: Tree. *Local name*: Toon, Piya, Piyatoon. *Fl. & Fr.*: January-June. *Use*: Timber, Medicine. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 17 iv 2009, S.N. Uddin N3460 (DACB).

Walsora robusta Roxb., Fl. Indica, 2: 386. 1832. *Monocydis robusta* Wall. 1840. *Habit*: Tree. *Local name*: Bonlichu, Ataligula. *Fl. & fr.*: April-February. *Use*: Timber. *State of occurrence*: Rare. *Representative specimen*: Farua R.F., 19 iv 2009, S.N. Uddin N3512 (DACB).

78. Rutaceae Juss. (1789)

Acronychia pedunculata (L.) Miq., Fl. Ned. India, Eerste Bijv. 532. 1861. *Cyminosma pedunculata* (L.) Roxb., Hort. Bengal. 88. 1814. *Habit*: Tree. *Local name*: Ban Jamir. *Fl. & Fr.*: June-December. *Use*: Oil, Firewood. *State of occurrence*: Rare. *Representative specimen*: Alikhiong, 24 vii 2009, S.N. Uddin N3847 (DACB).

Citrus medica L., Sp. Pl. 782. 1753. *Citrus crassa* Hassk., Cat. Hort. Bot. Bogor. 217. 1844. *Habit*: Tree. *Local name*: Bura lebu. *Fl. & Fr.*: Throughout the year. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 23 vii 2009, S.N. Uddin N3837 (DACB).

Clausena anisata (Willd.) Hook.f. ex Benth., Niger Fl. 256. 1849. *Clausena suffruticosa* (Roxb.) Wight & Arn., Prodr. Fl. India Orient. 96. 1834. *Habit*: Shrub. *Local name*: Kalomaricha. *Fl. & fr.*: March-June. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 18 iv 2009, S.N. Uddin N3491 (DACB).

Clausena heptaphylla (Roxb.) Wight & Arn., Prodr. Fl. India Orient. 95. 1834. *Clausena macrophylla* Hook.f., Fl. Brit. India 1: 504. 1875. *Habit*: Small tree. *Local name*: Panbahar. *Fl. & Fr.*: March-August. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 16 i 2009, S.N. Uddin N3428 (DACB).

Glycosmis pentaphylla (Retz.) DC., Prodr. 1: 538. 1824. *Limonia arborea* Roxb., Pl. Coromandel 1: 60. 1798. *Habit*: Shrub. *Local name*: Datmajani. *Fl. & fr.*: Throughout the year. *Use*: Medicine.

State of occurrence: Common. *Representative specimen:* Monlovichara, 17 i 2009, S.N. Uddin N3199 (DACB).

Micromelum minutum (J.G. Forster) Wight & Arn., Prodr. Fl. India Orient. 448. 1834. *Micromelum pubescens* Blume. 1825. *Habit:* Tree. *Local name:* Dulia. *Fl. & fr.:* Throughout the year. *Use:* Medicine. *State of occurrence:* Common. *Representative specimen:* Monlovichara, 18 iv 2009, S.N. Uddin N3490 (DACB).

Zanthoxylum rhetsa (Roxb.) DC., Prodr. 1: 728. 1825. *Fagara rhetsa* Roxb. (1820). *Habit:* Tree. *Local name:* Bazinali, Bajna. *Fl. & fr.:* March-September. *Use:* Medicine. *State of occurrence:* Common. *Representative specimen:* Jamunachara, 16 x 2008, S.N. Uddin N3090 (DACB).

79. Araliaceae Juss. (1789).

Brassaiopsis glomerulata (Blume) Regel, Gartenflora 1863: 275. 1863. *Brassaiopsi speciosa* Decne. & Planch, Rev. Hort. 3: 106. 1854. *Habit:* Tree. *Local name:* Kurila. *Fl. & Fr.:* February-December. *State of occurrence:* Common. *Representative specimen:* Farua R.F., 15 x 2008, S.N. Uddin N3063 (DACB).

Schefflera elliptica (Blume) Harms., Nat. Pflanzenfam. 3: 39. 1894. *Sciadophyllum ellipticum* Blume, Bijdr. 878. 1826. *Habit:* Climber. *Local name:* Jeng-jil, Dahina kath. *Fl. & fr.:* January-September. *Use:* Medicine. *State of occurrence:* Rare. *Representative specimen:* Farua R.F., 17 iv 2009, S.N. Uddin N3439 (DACB).

Trevesia palmata (Roxb. ex Lindl.) Vis., Mem. Reale Accad. Sci. Torino 4: 262. 1842. *Gastonia palmata* Roxb. ex Lindl., Bot. Reg. 1825. *Habit:* Tree. *Local name:* Ban-pepe. *Fl. & fr.:* January-May. *Use:* Medicine. *State of occurrence:* Common. *Representative specimen:* Faruachara, 23 vii 2009, S.N. Uddin N3839 (DACB).

80. Loganiaceae Mart. (1827).

Fagraea ceilanica Thunb., Kongl. Vetensk. Acad. Nya Handl. 3: 132. 1782. *Fagraea obovata* Wall. 1824. *Habit:* Tree. *Use:* Ornamental. *State of occurrence:* Thought to be extinct. *Representative specimen:* Faruachara, 16 i 2009, S.N. Uddin N3175 (DACB).

Mitreola petiolata (J.F.Bmel.) Torr. & Gra, Fl. N. Amer. 2: 45. 1841. *Ophiorrhiza mitreola* L., Sp. Pl. 150. 1753. *Habit:* Herb. *Fl. & Fr.:* July-December. *State of occurrence:* Rare. *Representative specimen:* Farua R.F., 15 x 2008, S.N. Uddin N3067 (DACB).

Strychnos nux-vomica L., Sp. Pl. 1: 189. 1753. *Strychnos spireana* Dop, Mém. Soc. Bot. France 19: 18. 1910. *Habit:* Tree. *Local name:* Kochila. *Fl. & Fr.:* March-October. *Use:* Medicine. *State of occurrence:* Planted. *Representative specimen:* Farua R.F., 15 x 2008, S.N. Uddin N3063 (DACB).

Strychnos wallichiana Steud. ex. A. DC, Prodr. 9: 1313. 1845. *Strychnos rheedei* C.B. Clarke. Fl. Brit. India 4(10): 87.1883. *Habit:* Climber. *State of occurrence:* Thought to be extinct. *Representative specimen:* Faruachara, 23 vii 2009, S.N. Uddin N3824 (DACB).

81. Gentianaceae Juss. (1789)

Canscora diffusa (Vahl) R.Br. ex Roem. & Schult., Syst. Veg. 3: 301. 1818. *Gentiana diffusa* Vahl, Symb. Bot. 3: 47. 1794. *Habit:* Herb. *Fl. & fr.:* December-January. *State of occurrence:* Common. *Representative specimen:* Jamunachara, 16 x 2008, S.N. Uddin N3115 (DACB).

82. Apocynaceae Juss. (1789)

Strophanthus wallichii A. DC., Prodr. 8: 418. 1844. *Strophanthus robustus* (Pierre ex Gilg) Pierre ex Pit., Fl. Indo-Chine 3: 1198. 1933. *Habit:* Climber. *Fl. & Fr.:* March-September. *Use:*

Seed poisonous. *State of occurrence*: Rare. *Representative specimen*: Monlovichara, 18 iv 2009, S.N. Uddin N3473 (DACB).

Tabernaemontana divaricata (L.) R.Br. *ex* Roem. & Schult., Syst. Veg. 4: 427. 1819. *Nerium divaricatum* L., Sp. Pl. 209. 1753. *Habit*: Shrub. *Local name*: Tagor. *Fl. & fr.*: May-January. *Use*: Ornamental. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 17 iv 2009, S.N. Uddin N3438 (DACB).

83. Asclepiadaceae Juss. (1789)

Hoya parasitica (Roxb.) Wall. *ex* Wight, Contr. Bot. India: 37. 1832. *Asclepias parasitica* Roxb. 1834. *Habit*: Climber. *Local name*: Chagal kan pata gachh. *Fl. & fr.*: March-October. *Use*: Medicine. *Status of occurrence*: Common. *Representative specimen*: Farua R.F., 17 iv 2009, S.N. Uddin N3438 (DACB).

84. Solanaceae Juss. (1789)

Physalis angulata L., Sp. Pl. 183. 1753. *Physalis ramosissima* Mill., Gard. Dict. 1768. *Habit*: Herb. *Local name*: Fotka. *Fl. & fr.*: February-August. *Use*: Vegetable. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 15 x 2008, S.N. Uddin N3069 (DACB).

Physalis minima L., Sp. Pl. 183. 1753. *Physalis parviflora* R. Br., Prodr. 447. 1810. *Habit*: Herb. *Local name*: Fotki. *Fl. & fr.*: February-August. *Use*: Vegetable. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 15 x 2008, S.N. Uddin N3069 (DACB).

Solanum torvum Sw., Prodr. 47. 1788. *Solanum mayanum* Lundell. 1942. *Habit*: Shrub. *Local name*: Gota begun. *Fl. & fr.*: January-December. *Use*: Tender fruit edible. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 15 x 2008, S.N. Uddin N3069 (DACB).

85. Convolvulaceae Juss. (1789)

Argyrea capitiformis (Poir.) Ooststr., Fl. Malesiana 6(6): 941. 1972. *Convolvulus capitiformis* Poir., Encycl., Suppl. 3(2): 469. 1814. *Habit*: Climber. *Local name*: Vogalata. *Fl. & fr.*: November-March. *State of occurrence*: Rare. *Representative specimen*: Faruachara, 16 i 2009, S.N. Uddin N3177 (DACB).

Argyrea splendens (Roxb.) Sweet, Hort. Brit. 289. 1826. *Lettsomia splendens* Roxb., Fl. Indica 1: 487. 1832. *Habit*: Climber. *Local name*: Chhota rupertola. *Fl. & Fr.*: November-February. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 15 x 2008, S.N. Uddin N3177 (DACB).

Ipomoea alba L., Sp. Pl. 1: 161. 1753. *Convolvulus bona-nox* (L.) Spreng., Syst. Veg. 1: 600. 1825. *Habit*: Climber. *Local name*: Dudhikalmi. *Fl. & Fr.*: Throughout the year. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Jamunachara, 16 x 2008, S.N. Uddin N3099 (DACB).

Merremia vitifolia (Burm. f.) Hallier f., Bot. Jahrb. Syst. 16: 552. 1893. *Convolvulus vitifolius* Burm. f., Fl. Indica 1768. *Habit*: Climber. *Fl. & fr.*: January-March. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 16 i 2008, S.N. Uddin N3178 (DACB).

86. Boraginaceae Juss. (1789)

Heliotropium indicum L., Sp. Pl. 139. 1753. *Heliotropium foetidum* Salisb, Prodr. Stirp. Chap. Allerton 112. 1796. *Habit*: Herb. *Local name*: Hatisur, hatisura. *Fl. & fr.*: Throughout the year. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Alikhiong, 24 vii 2009, S.N. Uddin N (DACB).

Tournefortia roxburghii C.B. Clarke, Fl. Brit. India 4: 146. 1883. *Heliotropium paniculatum* Roxb. 1814. *Habit*: Shrub. *Local name*: Shamshog. *Fl. & fr.*: April-February. *State of occurrence*: Rare. *Representative specimen*: Bompara, Jamunachara, 22 vii 2009, S.N. Uddin N3782 (DACB).

87. Verbenaceae Saint.-Hilaire (1805)

Callicarpa arborea Roxb., Fl. Indica 1: 405. 1820. *Premna arborea* (Roxb.) Roth., Nov. Pl. Sp. 287. 1821. *Habit*: Tree. *Local name*: Bormala. Khoja. *Fl. & fr.*: May-November. *Use*: Firewood. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 21 vii 2009, S.N. Uddin N3741 (DACB).

Callicarpa longifolia Lam., Encycl. 1: 563. 1785. *Callicarpa lanceolaria* Roxb, Fl. India 1: 395. 1820. *Habit*: Shrub. *Fl. & fr.*: July-February. *Use*: Firewood. *State of occurrence*: Common. *Representative specimen*: Faruachara, 16 i 2009, S.N. Uddin N3185 (DACB).

Clerodendrum glandulosum Lindl., Edwards's Bot. Reg. 30. 1844. *Clerodendrum colebrookianum* Walp., Report. Bot. Syst. 4: 114. 1845. *Habit*: Shrub. *Local name*: Bonbhati. *Fl. & fr.*: Throughout the year. *Use*: Medicine. *State of occurrence*: Planted. *Representative specimen*: Monlovichara, 17 i 2009, S.N. Uddin N3232 (DACB).

Clerodendrum serratum (L.) Moon, Cat. 1: 46. 1824. *Volkameria serrata* L. 1767. *Habit*: Shrub. *Local name*: Bamanhati. *Fl. & fr.*: Throughout the year. *Use*: Medicine. *State of occurrence*: Planted. *Representative specimen*: Monlovichara, 17 i 2009, S.N. Uddin N3101 (DACB).

Gmelina arborea Roxb., Hort. Bengal. 46. 1814. *Gmelina sinuata* Link., Enum. Hort. Berol. Alt. 2: 128. 1822. *Habit*: Tree. *Local name*: Gamar, Gamari. *Fl. & fr.*: February-July. *Use*: Timber. *State of occurrence*: Planted. *Representative specimen*: Faruachara, 19 iv 2009, S.N. Uddin N3547 (DACB).

Lippia alba (Mill.) N.E.Br. ex Britton & P. Wilson, Bot. Porto Rico 6: 141. 1925. *Lantana alba* Mill., Gard. Dict. 1768. *Habit*: Shrub. *Local name*: Pichas-lakri, Pichas-bon. *Fl. & fr.*: Throughout the year. *Use*: Soil binder. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 17 iv 2009, S.N. Uddin N3429 (DACB).

Petrea volubilis L., Sp. Pl. 626. 1753. *Petrea arborea* Kunth, Nov. Gen. Sp. 2: 282. 1818. *Habit*: Climber. *Local name*: Nilmonilata. *Fl. & Fr.*: March-April. *Use*: Ornamental. *State of occurrence*: Planted. *Representative specimen*: Faruachara, 19 iv 2009, S.N. Uddin N3538 (DACB).

Phyla nodiflora (L.) Greene, Pittonia 4: 46. 1899. *Verbena nodiflora* L., Sp. Pl. 20. 1753. *Habit*: Herb. *Local name*: Bhuikra. *Fl. & fr.*: Throughout the year. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 23 vii 2009, S.N. Uddin N3815 (DACB).

Premna esculenta Roxb., Fl. Indica 3: 81. 1832. *Habit*: Shrub. *Local name*: Lalana, lalong. *Fl. & fr.*: April-August. *Use*: Vegetable. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 21 vii 2009, S.N. Uddin N3717 (DACB).

Tectona grandis L. f., Suppl. Pl. 151. 1782. *Theka grandis* (L.f.) Lam., Tabl. Encycl. 2: 111. 1797. *Habit*: Tree. *Local name*: Segun. *Fl. & fr.*: July-November. *Use*: Timber. *State of occurrence*: Planted. *Representative specimen*: Farua R.F., 17 x 2008, S.N. Uddin N- (DACB).

Vitex peduncularis Wall. ex Schauer, Prodr. 11: 687. 1847. *Vitex peduncularis* var. *roxburghiana* C.B. Clarke, Fl. Brit. India 4: 587. 1885. *Habit*: Tree. *Local name*: Baruna, Goda, Horina. *Fl. & fr.*: April-September. *Use*: Fire wood. *State of occurrence*: Common. *Representative specimen*: Faruachara, 19 iv 2009, S.N. Uddin N3501 (DACB).

88. Lamiaceae Martinov (1820)

Ajuga macrosperma Wall. *ex* Benth., Pl. Asiat. Rar. 1: 58. 1830. *Ajuga repens* Roxb. 1832. *Habit*: Herb. *Fl. & fr.*: October-December. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 17 i 2009, S.N. Uddin N3211 (DACB).

Hyptis brevipes (L.) Poit., Ann. Mus. Hist. Nat. 7: 465. 1806. *Hyptis acuta* Benth., Linnaea 6: 82. 1881. *Habit*: Herb. *Fl. & fr.*: October-February. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N2966 (DACB).

Hyptis suaveolens (L.) Poit., Ann. Mus. Hist. Nat. 7: 472. 1806. *Ballota suaveolens* L., Syst. Nat. 2: 1100. 1759. *Habit*: Herb. *Local name*: Bilati tulsi, Tukma; *Fl. & fr.*: Throughout the year. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 20 iv 2009, S.N. Uddin N3569 (DACB).

Ocimum americanum L., Cent. Pl. 1: 15. 1755. *Ocimum canum* Sims, Bot. Mag. (1823). *Habit*: Shrub. *Local name*: Bon tulshi. *Fl. & Fr.*: June-February. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N2982 (DACB).

Ocimum gratissimum L., Sp. Pl.: 1197. 1753. *Habit*: Shrub. *Local name*: Ram Tulsi. *Fl. & Fr.*: March-October. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N3000 (DACB).

89. Buddlejaceae Wilthelm (1910)

Buddleja asiatica Lour., Fl. Cochinch. 72. 1790. *Buddleja neemda* Buch.-Ham. *ex* Roxb. 1832. *Habit*: Shrub. *Local name*: Badbhota, Neemda. *Fl. & Fr.*: January-June. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 6 i 2009, S.N. Uddin N3166 (DACB).

90. Oleaceae Hoffmann. (1809)

Jasminum multiflorum (Burm. f.) Andr. Bot. Rep. 8: 496. 1807. *Jasminum gracillimum* Hook. f., Gard. Chron. 15: 9. 1881. *Habit*: Shrub. *Local name*: Downy jasmins, Hairy jasmine. *Fl. & Fr.*: December-July. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Faruachara, 23 vii 2009, S.N. Uddin N3830 (DACB).

Myxopyrum smilacifolia (Wall.) Blume, Mus. Bot. 1: 320. 1851. *Myxopyrum serratum* A.W. Hill, Bull. Misc. Inform. Kew (1910). *Habit*: Shrub. *Fl. & Fr.*: April-September. *State of occurrence*: Rare. *Representative specimen*: Bompara, Jamunachara, 22 vii 2009, S.N. Uddin N3808 (DACB).

91. Scrophulariaceae Juss. (1789)

Lindernia ruellioides (Colsm.) Pennell, Brittonia 2: 182. 1936. *Ilysanthes ruellioides* (Colsm.), Kuntze, Revis. Gen. Pl. 2: 162. 1891. *Habit*: Herb. *Fl. & fr.*: May-January. *State of occurrence*: Rare. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N2977 (DACB).

Scoparia dulcis L., Sp. Pl. 116. 1753. *Ambulia micrantha* Raf., Autik. Bot. 44. 1840. *Habit*: Shrub. *Local name*: Ban dhane. *Fl. & fr.*: Throughout the year. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N2962 (DACB).

Torenia violacea (Azaola *ex* Blanco) Pennell, J. Arnold Arbor. 24(3): 255. 1943. *Mimulus violaceus* Azaola *ex* Blanco, Fl. Filip. 1845. *Habit*: Herb. *Local name*: Begunia. *Fl. & fr.*: December-February. *Use*: Weed. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N2976 (DACB).

92. Acanthaceae Juss. (1789)

Eranthemum strictum Colebr. ex Roxb., Fl. Indica 1: 114. 1820. *Daedalacanthus strictus* (Colebr. ex Roxb.) T. Anderson; J. Linn. Soc., Bot. 9: 487. 1867. *Habit*: Herb. *Fl. & fr.*: January-May. *State of occurrence*: Rare. *Representative specimen*: Farua R.F., 17 iv 2009, S.N. Uddin N3437 (DACB).

Lepidagathis incurva Buch.-Ham. ex D. Don, Prodr. Fl. Nepal: 119. 1825. *Lepidagathis hyalina* Nees 1832. *Habit*: Herb. *Fl. & fr.*: March-May. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 17 i 2009, S.N. Uddin N3210 (DACB).

Nelsonia canescens (Lam.) Spreng., Syst. Veg. 1: 42. 1824. *Justicia canescens* Lam., Tabl. Encycl. 1: 41. 1791. *Habit*: Herb. *Local name*: Paramul. *Fl. & fr.*: October-February. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 17 iv 2009, S.N. Uddin N3426 (DACB).

Phlogacanthus thyrsoformis (Roxb. ex Hardw.) Mabb., Bot. Hist. Hortus Malabaricus 189. 1980. *Justicia thyrsoflora* Roxb. 1832. *Habit*: Shrub. *Local name*: Rambasak, Baghatita. *Fl. & Fr.*: December-February. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 17 iv 2009, S.N. Uddin N3444 (DACB).

Rungia pectinata (L.) Nees., Prodr. 11: 469. 1847. *Justicia pectinata* L., Amoen. Acad. 4: 299. 1760. *Habit*: Herb. *Local name*: Pindi, Punaka-pundu. *Fl. & fr.*: November-May. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 17 i 2009, S.N. Uddin N3213 (DACB).

Staurogyne argentea Wall., Pl. Asiat. Rar. 2: 80. 1831. *Staurogyne angustifolia* Wall., Numer. List 4906. 1831. *Habit*: Herb. *Fl. & fr.*: September-December. *State of occurrence*: Common. *Representative specimen*: Jamunachara, 16 x 2008, S.N. Uddin N2993 (DACB).

Thunbergia grandiflora (Roxb. ex Rottl.) Roxb., Bot. Reg. 6: 6. 1820. *Flemingia grandiflora* Roxb. ex Rottl., Neue Schriften Ges. Naturf. Freunde Berlin 4: 202. 1803. *Habit*: Climber. *Local name*: Nil lata. *Fl. & fr.*: May-November. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Jamunachara, 16 x 2008, S.N. Uddin N3055 (DACB).

93. Bignoniaceae Juss. (1789)

Fernandoa adenophylla (Wall. ex G. Don) Steenis, Blumea 23: 135. 1976. *Heterophragma adenophyllum* (Wall. ex G. Don) Benth. 1875. *Habit*: Tree. *Local name*: Barapata, Dakrum, Kaowatuti. *Fl. & Fr.*: April-November. *Use*: Weed. *State of occurrence*: Rare. *Representative specimen*: Farua R.F., 15 x 2008, S.N. Uddin N3052 (DACB).

Oroxylum indicum (L.) Kurz, Forest Fl. Burma 2: 237. 1877. *Bignonia indica* L., Sp. Pl. 2: 625. 1753. *Habit*: Tree. *Local name*: Kanaidingi, Sanapatha, Shona. *Fl. & fr.*: June-March. *Use*: Vegetable. *State of occurrence*: Common. *Representative specimen*: Faruachara, 23 vii 2009, S.N. Uddin N3806 (DACB).

Stereospermum tetragonum DC., Biblioth. Universelle Genève n.s. 17: 124. 1838. *Stereospermum colais* (Buch.-Ham. ex Dillwyn) Mabb., Taxon 27: 553. 1979. *Habit*: Tree. *Local name*: Dharmara, Pahari-awal, Atkapali. *Fl. & fr.*: April-November. *Use*: Wood. *State of occurrence*: Common. *Representative specimen*: Faruachara, 23 vii 2009, S.N. Uddin N3820 (DACB).

94. Campanulaceae Juss. (1789)

Cyclocodon lancifolius (Roxb.) Kurz, Flora 55: 303. 1872. *Campanumoea lancifolia* (Roxb.) Merr., Enum. Philipp. Fl. Pl. 3: 587. 1923. *Habit*: Herb. *Fl. & Fr.*: Throughout the year. *State of*

occurrence: Common. *Representative specimen*: Farua R.F., 15 x 2008, S.N. Uddin N3087 (DACB).

95. Sonneratiaceae Engl. (1924)

Duabunga grandiflora (Roxb. *ex* DC) Walp., Rep. 2: 114. 1843. *Lagerstroemia grandiflora* Roxb. *ex* DC. 1835. *Habit*: Tree. *Local name*: Lampati, Kacha, Bandarhola. *Fl. & fr.*: January-June. *Use*: Timber. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 15 x 2008, S.N. Uddin N (DACB).

96. Rubiaceae Juss. (1790)

Aidia pseudospicata Ridsdale, Blumea 41: 149. 1996. *Habit*: Tree. *Fl. & fr.*: April-December. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 17 iv 2009, S.N. Uddin N3448 (DACB).

Aidia densiflora (Wall.) Masam., Sci. Rep. Kanazawa Univ., Biol. 4: 85. 1955. *Webera oppositifolia* Roxb. 1824. *Habit*: Tree. *Fl. & Fr.*: April-December. *State of occurrence*: Rare. *Representative specimen*: Farua R.F., 15 x 2008, S.N. Uddin N3070 (DACB).

Canthium glabrum Blume, Catalogus 45. 1823. *Habit*: Tree. *Fl. & Fr.*: September-March. *Use*: Fire wood. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 17 i 2009, S.N. Uddin N3227 (DACB).

Canthium horridum Blume, Catalogus 45. 1823. *Canthium pauciflorum* Blanco, Fl. Filip. 165. 1837. *Habit*: Shrub. *State of occurrence*: Planted. *Representative specimen*: Monlovichara, 18 iv 2009, S.N. Uddin N3466 (DACB).

Gardenia coronaria Buch.-Ham., Embassy Ava 3: 307. 1809. *Gardenia costata* Roxb. Fl. Indica 2: 550. 1824. *Habit*: Tree. *Local name*: Bela, Ankamal, Botta. *Fl. & fr.*: March-December. *Use*: Timber. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 18 iv 2009, S.N. Uddin N3475 (DACB).

Ixora cuneifolia Roxb., Fl. Indica 1: 380. 1820. *Ixora rosea* Wall., Fl. Indica 1: 398. 1820. *Habit*: Shrub. *Local name*: Beophul. *Fl. & Fr.*: March-July. *Use*: Ornamental. *State of occurrence*: Rare. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N3002 (DACB).

Ixora pavetta Andr., Bot. Repos. 2: 78. 1799. *Ixora arborea* Roxb., *ex* Sm., Cycl. 19: 5. 1811. *Habit*: Shrub. *Fl. & Fr.*: March-June. *Use*: Fruit edible. *State of occurrence*: Rare. *Representative specimen*: Farua R.F., 20 iv 2009, S.N. Uddin N3560 (DACB).

Ixora spectabilis Wall. *ex* G. Don Gen. Hist. 3: 572. 1834. *Habit*: Tree. *Fl. & Fr.*: May-March. *Use*: Firewood. *State of occurrence*: Rare. *Representative specimen*: 18 iv 2009, S.N. Uddin N3468 (DACB).

Mussaenda macrophylla Wall. Fl. Indica 1: 228. 1824. *Mussaenda hispida* D. Don, Prodr. Fl. Nepal. 139. 1825. *Habit*: Shrub. *Fl. & fr.*: May-November. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 18 i 2009, S.N. Uddin N3250 (DACB).

Mussaenda roxburghii Hook.f., Fl. Brit. India 3: 87. 1880. *Menestoria tocoyenae* DC. Prodr. 4: 390. 1830. *Habit*: Shrub. *Local name*: Sildauro, Sichamba. *Fl. & fr.*: May-February. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N2983 (DACB).

Mycetia malayana (G. Don) Craib, Bull. Misc. Inform. Kew 1914: 29. 1914. *Wendlandia malayana* G. Don, Gen. Hist. 3: 519. 1834. *Habit*: Shrub. *Fl. & fr.*: Throughout the year. *State of occurrence*: Rare. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N2985 (DACB).

Oldenlandia verticillata L., Mant. Pl. 1: 40. 1767. *Hedyotis verticillata* (L.) Lam., Tabl. Encycl. 1: 271. 1791. *Habit*: Herb. *Fl. & fr.*: July-April. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 21 vii 2009, S.N. Uddin N3739 (DACB).

Ophiorrhiza mungos L., Sp. Pl. 150. 1753. *Ophiorrhiza ostindica* Christm. Vollst. Pflanzensyst. 5: 503. 1779. *Habit*: Herb. *Local name*: Kalashona; *Fl. & fr.*: Throughout the year. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 21 vii 2009, S.N. Uddin N (DACB).

Paederia foetida L., Mant. Pl. 1: 52. 1767. *Apocynum foetidum* Burm.f., Fl. Indica 71. 1768. *Habit*: Climber. *Local name*: Gandha Bhadali. *Fl. & fr.*: June-January. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 17 i 2009, S.N. Uddin N3198 (DACB).

Paederia lanuginosa Wall., Pl. Asiat. Rar. 2: 52. 1831. *Paederia macrocarpa* Wall. ex G. Don Gen. Hist. 3: 561. 1834. *Habit*: Climber. *Fl. & fr.*: July-January. *Use*: Weed. *State of occurrence*: Common. *Representative specimen*: Jamunachara, 16 x 2008, S.N. Uddin N3103 (DACB).

Psychotria calocarpa Kurz., J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 41(2): 315. 1872. *Uragoga picta* Kuntze Gen. Pl. 2: 957. 1891. *Habit*: Shrub. *Local name*: Ranga bhutta. *Fl. & fr.*: April-November. *Use*: Medicine. *State of occurrence*: Rare. *Representative specimen*: Monlovichara, 14 x 2008, S.N. Uddin N2973 (DACB).

Psychotria denticulata Wall., Fl. Indica 2: 166. 1824. *Psychotria polyneura* DC., Prodr. 4: 520. 1830. *Habit*: Shrub. *Fl. & Fr.*: May-January. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 15 x 2008, S.N. Uddin N3082 (DACB).

Spermacoce articularis L.f., Suppl. Pl. 119. 1782. *Spermacoce scabra* Willd. Sp. Pl. 1: 572. 1798. *Habit*: Herb. *Local name*: Dheo Horinshing. *Fl. & Fr.*: August-December. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Jamunachara, 16 x 2008, S.N. Uddin N2978 (DACB).

Synedrella nodiflora (L.) Gaertn., Fruct. Sem. Pl. 2: 456. 1791. *Verbesina nodiflora* L., Cent. Pl. 128. 1755. *Habit*: Herb. *Fl. & Fr.*: Throughout the year. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 15 x 2008, S.N. Uddin N3058 (DACB).

Tarenna campaniflora (Hook.f.) N.P. Balakr., Bull. Bot. Surv. India 22: 175. 1982. *Webera campaniflora* Hook.f., Fl. Brit. India 3: 106. 1880. *Habit*: Shrub. *Local name*: Haru lodi. *Fl. & fr.*: January-November. *Use*: Medicine. *State of occurrence*: Rare. *Representative specimen*: Farua R.F., 19 i 2009, S.N. Uddin N3149 (DACB).

Uncaria laevigata Wall. ex G. Don., Gen. Hist. 3: 470. 1834. *Uruparia laevigata* (Wall. ex G. Don) Kuntze, Revis. Gen. Pl. 1: 301. 1891. *Habit*: Shrub. *Fl. & Fr.*: October-April. *State of occurrence*: Common. *Representative specimen*: Farua R.F., 15 x 2008, S.N. Uddin N3088 (DACB).

Uncaria scandens (Sm.) Hutch., Pl. Wilson. 3: 406. 1916. *Uncaria pilosa* Roxb. Fl. India 2: 130. 1824. *Habit*: Climber. *Local name*: Vailful lota. *Fl. & fr.*: October-March. *State of occurrence*: Common. *Representative specimen*: Faruachara, 23 vii 2009, S.N. Uddin N3832 (DACB).

97. Asteraceae Martinov (1822)

Ageratum conyzoides (L.) L., Sp. Pl. 839. 1753. *Habit*: Herb. *Local name*: Ochunti, Fulkuri. *Fl. & fr.*: *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 17 i 2009, S.N. Uddin N3231 (DACB).

Blumea lacera (Burm.f.) DC. in Wight, Contr. Bot. India: 1834. *Conyza lacera* Burm. f. 1768. *Habit*: Herb. *Local name*: Shialmuthi, Kuksune, Kukurshunga. *Fl. & fr.*: November-July. *Use*: Medicine. *State of occurrence*: Common. *Representative specimen*: Monlovichara, 17 i 2009, S.N. Uddin N3235 (DACB).

- Celosia argentea** L., Sp. Pl. 205. 1753. *Celosia comosa* Retz., Observ. Bot. 6: 26. 1791. *Habit:* Herb. *Local name:* Murogphul. *Fl. & fr.:* August-January. *Use:* Ornamental. *State of occurrence:* Cultivated. *Representative specimen:* Farua R.F., 15 x 2008, S.N. Uddin N3047 (DACB).
- Chromolaena odorata** (L.) R.M. King & H. Rob., Phytologia 20: 204. 1970. *Eupatorium odoratum* L., Syst. Nat. 1759. *Habit:* Herb. *Local name:* Assam-lata. *Fl. & fr.:* November-March. *Use:* Medicine. *State of occurrence:* Common. *Representative specimen:* Faruachara, 16 i 2009, S.N. Uddin N3172 (DACB).
- Cirsium arvense** (L.) Scop., Fl. Carn. ed. 2 (2): 126. 1772. *Cnicus arvensis* Hoffm. 1804. *Habit:* Herb. *Local name:* Shial kata. *Fl. & fr.:* February-June. *Use:* Medicine. *Representative specimen:* Farua R.F., 20 iv 2009, S.N. Uddin N3555 (DACB).
- Cosmos sulphureus** Cav., Icon., 1: 56. 1791. *Bidens sulfurea* (Cav.) Sch. Bip., "Seem., Narr. Voy. Herald. 1853. 308. 1853. *Habit:* Herb. *Fl. & Fr.:* Throughout the year. *State of occurrence:* Common. *Representative specimen:* Monlovichara, 14 x 2008, S.N. Uddin N3012 (DACB).
- Crassocephalum crepidioides** (Benth.) S. Moore, J. Bot. 50 211. 1912. *Gynura crepidioides* Benth., Niger Fl. 1849. *Habit:* Herb. *Fl. & Fr.:* Throughout the year. *State of occurrence:* Common. *Representative specimen:* Monlovichara, 17 i 2009, S.N. Uddin N3212 (DACB).
- Eclipta prostrata** (L.) L., Mant. Pl. 1771. *Eclipta alba* (L.) Hassk., Pl. Jav. Rar. (1848). *Habit:* Herb. *Local name:* Kalokeshi. *Fl. & fr.:* Throughout the year. *Use:* Medicine. *State of occurrence:* Common. *Representative specimen:* Faruachara, 16 i 2009, S.N. Uddin N3152 (DACB).
- Elephantopus scaber** L., Sp. Pl. 1753. *Elephantopus carolinensis* G.Mey. 1818. *Habit:* Herb. *Fl. & fr.:* November-March. *Use:* Medicine. *State of occurrence:* Common. *Representative specimen:* Jamunachara, 16 x 2008, S.N. Uddin N (DACB).
- Conyza floribunda** Kuth. in H.B. & K., Nov. Gen. et. Sp. 4: 73. 1820. *Erigeron floribundus* (Kunth) Sch. Bip., "Mandon, Bull. Soc. Bot. France 1865. *Habit:* Herb. *Fl. & Fr.:* September-February. *State of occurrence:* Common. *Representative specimen:* Jamunachara, 16 x 2008, S.N. Uddin N3101 (DACB).
- Mikania cordata** (Burm.f.) B.L.Rob., Contr. Gray Herb. 1934. *Mikania scandens* auct. non L. 1876. *Habit:* Climber. *Local name:* Tufani-lata. *Fl. & fr.:* October-February. *Use:* Medicine. *State of occurrence:* Common. *Representative specimen:* Monlovichara, 17 i 2009, S.N. Uddin N3216 (DACB).
- Spilanthes acmella** (L.) L., Syst. Veg. (ed. 13) 610. 1774. *Spilanthes calva* DC., Contr. Bot. India. 19. 1834. *Habit:* Herb. *Local name:* Surja Kanna. Akarkara. *Fl. & fr.:* December-March. *Use:* Medicine. *State of occurrence:* Common. *Representative specimen:* Monlovichara, 14 x 2008, S.N. Uddin N2975 (DACB).
- Vernonia noveboracensis** Willd., Sp. Pl.: 3. 1632. *Habit:* Herb. *Fl. & Fr.:* June-September. *Use:* Ornamental. *State of occurrence:* Rare. *Representative specimen:* Faruachara, 16 i 2009, S.N. Uddin N3144 (DACB).
- Xanthium strumarium** L., Sp. Pl. 987. 1753. *Xanthium indicum* J. Konig. ex Roxb., Koen. ex Roxb., Fl. Indica 3: 601. 1832. *Habit:* Shrub. *Local name:* Ghagra. *Fl. & Fr.:* Throughout the year. *Use:* Medicine. *State of occurrence:* Common. *Representative specimen:* Farua R.F., 15 x 2008, S.N. Uddin N3045 (DACB).

Discussion

The study revealed the occurrence of 330 species belonging to 261 genera under 97 families of vascular plants in the Pharus Reserve forest under Bilaichari Upazila of Rangamati district. Among the species enumerated, 14 (4.24%) were Pteridophytes and the rest 316 (95.76%) were

angiosperms. Among angiosperms Magnoliopsida and Liliopsida were represented by 243 and 73 species, respectively (Table 1). In, Pteridaceae with two species was found as the largest family of Polypodiaceae, Tectariaceae and Aspleniaceae in the Pharua Reserve forest. In Liliopsida, Poaceae was the largest family with 18 species followed by Cyperaceae with 12 species, Orchidaceae with 9 species and Zingiberaceae with 6 species. Rubiaceae is the largest family with 22 species in the Pharua Reserve forest followed by Fabaceae and Asteraceae (16 species), Urticaceae (12 species), Verbenaceae (11 species), Cucurbitaceae (8 species) and Rutaceae and Acanthaceae both are (7 species) in Magnoliopsida. The study has found that 38 families are represented each by a single species. The habit types, as assessed, shows 97 species are trees, 61 species are shrubs, 122 species are herbs, 50 species are climbers. Three species are parasite, five species are epiphyte and four species are Palm. So, Rubiaceae, Fabaceae, Asteraceae, Urticaceae, Verbenaceae, Cucurbitaceae, Rutaceae, Euphorbiaceae and Acanthaceae are the dominant families in Magnoliopsida; Poaceae, Cyperaceae and Orchidaceae in Liliopsida with high species diversity.

Table 1. Taxonomic enumeration of major plant groups of the Pharua Reserve forest of Bangladesh.

Plant group	Family	Genus	Species
Pteridophyta	11	12	14
Liliopsida (Monocotyledons)	17	57	73
Magnoliopsida (Dicotyledons)	69	192	243

Most of the species found from the study areas are economically important, especially as sources of timber (16 species), fire wood (31 species), fruit edible (23 species), vegetable (14 species), ornamental (17 species), soil binders (2 species), weed (24 species), fibre (7 species), fodder (8), oil producer (3 species) and poisonous (2 species). The present study identifies 108 medicinal plants used by the local peoples of the study area for their primary treatment.

A number of species have been collected from the study areas, among of them seven species have been discovered as a new records for Bangladesh from the study area that are recently published Uddin *et al.*, 2015 (Table 2). Among these seven recorded species two are new generic (*viz. Illigera* and *Pyrenaria*) and one is a new family (*viz. Hernandiaceae*) records for Bangladesh, because no species has been reported from Bangladesh under the genus *Illigera* and *Pyrenaria* also family Hernandiaceae.

Table 2. New records species for Bangladesh reported from the Pharua Reserve forest under this survey.

New records species	Family	Habit	State of occurrence
<i>Aristolochia coadunata</i> Back.	Aristolochiaceae	Climber	Rare
<i>Boehmeria aspera</i> Wedd.	Urticaceae	Shrub	Rare
<i>Illigera khasiana</i> C.B. Clarke	Hernandiaceae	Climber	Rare
<i>Pellionia heyneana</i> Wedd.	Urticaceae	Shrub	Rare
<i>Phenax mexicanus</i> Wedd.	Urticaceae	Shrub	Rare
<i>Pyrenaria diospyricarpa</i> Kurz.	Theaceae	Tree	Rare
<i>Vanilla havilandii</i> Rolfe	Orchidaceae	Climber	Rare

Among 330 species, 9 (2.72 %) species thought to be extinct from the flora of Bangladesh, are being reported as rediscovery from this study area. Such as, *Fagraea ceilanica* Thunb. belonging to the Loganiaceae was recorded from Chittagong district by Prain (1903), *Strychnos wallichiana* Steud. *ex* DC. belonging to the Loganiaceae was recorded from Chittagong and Sylhet districts by Prain (1903) and Hooker (1883) respectively and *Phoebe paniculata* (Nees) Nees belonging to the Lauraceae was reported from Chittagong district by Hooker (1886) and Prain (1903), *Habenaria stenopetala* Lindl. belonging to Orchidaceae and *Tectaria paradoxa* (Fee) Sledge belonging to Tectariaceae were recorded from Mymensingh and Chittagong district by Prain (1903) respectively. From this survey, These five species have been rediscovered from the study areas after about 106 years of last records. Again, *Elatostema rupestre* (Buch.-Ham. *ex* D. Don) Wedd. belonging to the Urticaceae was reported from Chittagong district by Hooker (1888) and *Boehmeria nivea* (L.) Gaudich belonging to the Urticaceae was reported from Bengal which is now in Bangladesh territory by Hooker (1888). From this survey, These two species have been reported after about 121 years of last records. Since they have neither been collected nor recorded to occur else where in Bangladesh. *Elaeocarpus serratus* L. belonging to the Elaeocarpaceae is the another rediscovered species from the study areas. It was recorded by Hooker (1874) from Chittagong and Sylhet districts after about 136 years of last records. Last one *Stachyphrynium placentarium* (Lour.) Clausager & Borchs. belonging to Marantaceae is the another rediscovered species from the study areas after about 45 years of last records but since then no other collection of this species has been made. (Table 3).

Table 3. Rediscovered species for Bangladesh reported from the Pharus reserve forest under this survey.

Rediscovered species	Family	Habit	Last recorded from Bangladesh
<i>Boehmeria nivea</i> (L.) Gaud.	Urticaceae	Shrub	Hooker (1888)
<i>Elaeocarpus serratus</i> L.,	Elaeocarpaceae	Tree	Hooker (1874)
<i>Elatostema rupestre</i> (Buch.-Ham. <i>ex</i> D. Don) Wedd.	Urticaceae	Herb	Hooker (1888)
<i>Fagraea ceilanica</i> Thunb.	Loganiaceae	Tree	Prain (1903).
<i>Habenaria stenopetala</i> Lindl	Orchidaceae	Herb	Prain (1903)
<i>Phoebe paniculata</i> (Nees) Nees	Lauraceae	Tree	Prain (1903)
<i>Stachyphrynium placentarium</i> (Lour.) Clausager & Borchs.	Marantaceae	Herb	-
<i>Strychnos wallichiana</i> Steud. <i>ex</i> DC.	Loganiaceae	Climber	Prain (1903)
<i>Tectaria paradoxa</i> (Fee) Sledge	Tectariaceae	Herb	Prain (1903)

On the other hand, in state of occurrence shows 90 (27.27%) species are rare, 16 (4.85%) species are planted, 7 (2.12%) species are cultivated and rest 208 (63.03%) species are common. Observations and group discussion with local people during field works resulted in identifying some major threats which include urbanization, modern agriculture, lack of awareness and exotic plantation. Therefore, efforts should be undertaken to safeguard the plants through *ex situ* and *in situ* conservation, public awareness should be built up, and protection of habitats of the species should be ensured.

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