

VASCULAR FLORA OF POLY AND REMAKRI PRANSA FORESTS RANGE UNDER BANDARBAN DISTRICT IN BANGLADESH

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Abstract

The study reveals the occurrence of 844 species of vascular plants belonging to 545 genera and 144 families from Poly and Remakri Pransa (PRP) forests range under Ruma upazila, Bandarban district of Bangladesh. Of these species, Pteridophytes represents by 43 species under 28 genera and 17 families; Gymnosperms by 1 species under 1 genus and 1 family; Liliopsida by 140 species under 97 genera and 22 families; and Magnoliopsida by 660 species under 419 genera and 104 families. Among these, the number of herbs, shrubs, climbers and trees are 371, 139, 127 and 207 respectively. In Magnoliopsida, Fabaceae appears as the largest family with 62 species, followed by Rubiaceae (with 45 species), Euphorbiaceae (with 42 species), Asteraceae (with 37 species) and Acanthaceae (with 27 species). Whereas, in Liliopsida, Poaceae appears as the largest family with 35 species, followed by Araceae (with 18 species), Zingiberaceae, Orchidaceae and Cyperaceae (each with 13 species) and Arecaceae (with 12 species). *Ficus* is found to be the largest genus with 15 species followed by *Crotalaria* (with 9 species), *Blumea* (with 8 species), *Hedyotis* and *Solanum* (each with 7 species). This study has found 139 plant species having medicinal use by local people for their primary health care and rediscovered six plant species at least after 115 years.

Introduction

Floristic survey is essential to know the plant species occurring in a particular area. It is also necessary to estimate plant genetic resources as well as threatened plant species. It is also vital for assessment of the adverse effects of climate change on biodiversity. Repeated floristic survey can help to understand changing pattern of biodiversity. Moreover, the updated knowledge of biodiversity is essential for any effective forest management and conservation program.

Poly and Remakri Pransa (PRP) forests range is located in Ruma Upazila (fig.1) under Bandarban district of Bangladesh. The studied area, situated in the South-eastern part of Bangladesh, lies between 21°56' to 22°08'N latitude and 92°17' to 92°34'E longitude. Geologically, the area belongs to the Pliocene and Miocene epoch of the tertiary period.

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There are many fountains (locally known as chharas) that flow through the area and fall into the Sangu river. The flora of the area is very rich due to its geological, climatic, geographic, adaphic and physiographic features. The area possesses vegetations mainly sub-tropical mixed forest, savannah, serial, cultivated, homestead, tropical wet-evergreen and semi-evergreen type. The area is inaccessible, remote, and possesses the highest peak of the country.

Floristic exploration covering the present study area have been done by different workers (*viz.* Hooker, 1872-1897; Prain, 1903; Heinig, 1925; Raizada & Verma, 1941; Sinclair, 1956; Khan & Banu, 1969 & 1972; Uddin, 2018; Islam *et al.*, 2018; and Uddin and Hassan, 2018a, b, c. Though the recent floristic publication of Uddin and Hassan (2018a, b, c) covers the whole area of Chittagong and the CHTs, however, no worker did the extensive and systematic botanical study in the study area before this one. As a result, specific floristic information on PRP forests range can't be known from that publication. Hence, the study was under taken to prepare a checklist of vascular plant species of the area, to know the use of plants, to determine the state of occurrence of species, and to collect and preserve the voucher herbarium sheets for future reference. This floristic inventory will generate baseline information for any conservation and management activity of the area.

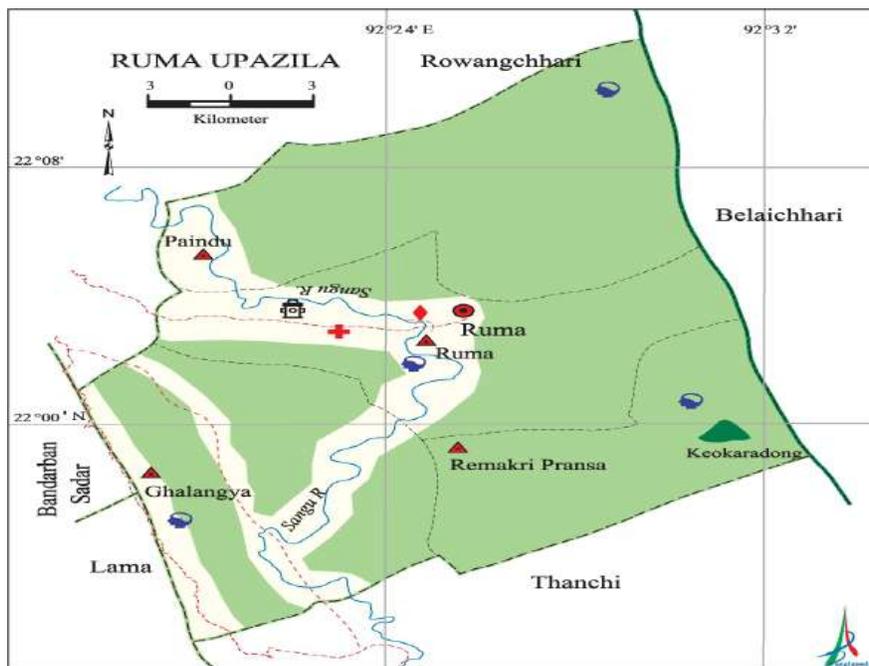


Fig.-1: Administrative map of Ruma Upazila of Bandarban district.

Materials and Methods

This study was based mainly on the plant specimens collected through extensive field survey in PRP forests range by the first author. A total of six field trips, covering different seasons, were made during 2017-2019 and more than 2150 fertile specimens of all available plant species were collected. During the floristic inventory area map was used. The botanical survey and sample collection was done by walking along the existing forest trails, springs (chharas) and roads. Plant specimens were collected by following conservation ethics. Locality, date, habit and any other notable characteristics were recorded in field notebook for each species. At least one voucher herbarium sheet was prepared and stored at BNH for of each species collected from the area by using standard herbarium techniques. The specimens were then carefully examined at BNH for identification by consulting with experts, matching with preserved specimens and using available taxonomic literatures (*viz.*, Hooker, 1872-1897; Prain, 1903; Huq, 1986; Wu *et al.*, 1995-2013; Ahmed *et al.*, 2008a, b, c; Ahmed *et al.*, 2009a, b, c; Siddiqui *et al.*, 2007a, b; Khan and Rahman 1989-2002; Khan 1972-1987; Rahman, 2003; Rahman and Khanam, 2003; Khanam and Ara, 2007-2008; Ara and Khan, 2009-2015). Voucher herbarium specimens were matched with clear images available on the websites of different international herbaria. Some difficult specimens were identified during the visit to the Central National Herbarium, Howrah, India (CAL). Use of a species was recorded through interviewing local people during the field survey.

The updated nomenclature for each species was compared with 'The Plant List, 2013' (www.theplantlist.org) and TROPICOS, 2010. Each taxon is furnished with valid botanical name with original citation following important synonyms (if any), habit & habitat, local name/s (if any), flowering & fruiting time, ecology, use of the plant, state of occurrence and representative specimen (at least one). The families of Pteridophyta and Gymnosperm have been arranged according to the classification system of Kramer & Green (1990). Whereas, Liliopsida and Magnoliopsida have been arranged according to the Cronquist (1981) system of classification.

Results

The present checklist has identified following vascular plant species from Poly and Remakri Pransa (PRP) forests range under Ruma upazila in Bandarban district of Bangladesh.

PTERIDOPHYTAFamily: **Lycopodiaceae**

Lycopodiella cernua (L.) Pic. Serm., *Webbia* 23(1): 166. 1968. *Lycopodium cernuum* L., Sp. Pl. 2: 1103. 1753. H: Herb. LN: Horin-ar Singh. E: Hill slope. U: Ornamental. SO: Occasional. RS: KKI-3679 (DACB).

Family: **Selaginellaceae**

Selaginella repanda (Desv. ex Poir.) Spring, *Voy. Bonite Bot.* 1: 329. 1846. *Lycopodium repandum* Desv. ex Poir., *Encycl. Suppl.* 3(2): 558. 1814. H: Herb. LN: Selaginella. E: Hill slope. U: Ornamental. SO: Rare. RS: KKI-1756 (DACB).

Selaginella tenuifolia Spring, *Mem. Acad. Sci. Belg.* 24(2): 253. 1850. H: Herb. LN: Selaginella. E: Hill slope. U: Ornamental. SO: Occasional. RS: KKI-1014 (DACB).

Family: **Equisetaceae**

Equisetum ramosissimum ssp. **debile** (Roxb. & Vouch.) Hauke, *Amer. Fern.* 52: 33. 1962. H: Herb. LN: Buru kathom. E: Along stream. River bank. U: Ornamental. SO: Rare. RS: KKI-974 (DACB).

Family: **Aspleniaceae**

Asplenium unilaterale Lam., *Encycl.* 3: 305. 1786. H: Herb. LN: Bon dhekia. E: Stream, Moist shaded places. U: Ornamental. SO: Common. RS: KKI-997 & 2971 (DACB).

Family: **Blechnaceae**

Blechnum orientale L., Sp. Pl. 2: 1077. 1753. H: Herb. LN: Lal fita dhekia. E: Wet place on hill slope. SO: Common. RS: KKI-1516 & 491 (DACB).

Family: **Cyatheaceae**

Cyathea gigantea (Wall. ex Hook.) Holttum, *Grad. Bull. Straits Settlem.* 8: 318. 1935. H: Tree. LN: Gach Dhekia. E: Stream, Hill slope. U: Medicine. SO: Common. RS: KKI-2804 & 915 (DACB).

Family: **Dennstaedtiaceae**

Lindsaea ensifolia Sw. *J. Bot. (Schrader)* 1800 (2): 77. 1801. H: Herb. LN: Bon dhekia. E: Shady hill forest near stream. SO: Common. RS: KKI-3203 (DACB).

Microlepia speluncae (L.) Moore, *Ind. Fil.*: 93. 1857. H: Herb. LN: Jhir jhir dhekia. E: Stream side, Shade place. U: Vegetable. SO: Common. RS: KKI-1556 (DACB).

Family: **Dryopteridaceae**

Diplazium esculentum (Retz.) Sw., J. Bot. (Schrader) 1801(2): 312. 1803. *Anisogonium esculentum* (Retz.) Presl, Tent Pterid 116. 1836. H: Herb. LN: Dheki shak, Babu shak. E: Shady place of hill. U: Vegetable. SO: Common. RS: KKI-954 (DACB).

Tectaria chattagramica (C.B.Clarke) Ching, Sinensia 2(2): 35. 1931. H: Herb. LN: Jungli dhekia. E: Shady place of hill. SO: Rare. RS: KKI-957 (DACB).

Tectaria heterosora (Baker) Ching., Sinensia 2(2): 35. 1931. H: Herb. LN: Jungli dhekia. E: Shady valleys. SO: Common. RS: KKI-1623 & 3513 (DACB).

Tectaria polymorpha (Wall ex Hook.) Copel., Philip. J. Sci. 2. Bot.: 413. 1907. H: Herb. LN: Jungli dhekia. E: Forest floor. SO: Rare. RS: KKI-3513 (DACB).

Tectaria vasta (Blume) Copel., Philipp. J. Sci. 2(6): 411. 1907. *Nephrodium vastum* Hook. & Bak. Syn. Fil. 296. 1867. H: Herb. LN: Jungli Dhekia. E: Hilly shady forest. SO: Very rare. RS: KKI-3243 (DACB).

Family: **Gleicheniaceae**

Dicranopteris linearis (Burm.f.) Underw., Bull. Torr. Bot. Club. 34: 250. 1907. *Gleichenia linearis* Bedd., ferns of South India. 78. 1863. H: Herb. LN: Lomba Dhekia. E: Hill slope. SO: Common. RS: KKI-3201 (DACB).

Family: **Lomariopsidaceae**

Bolbitis appendiculata (Willd.) Iwatsuki, Acta Phytotax. Geobot. 18: 48. 1959. H: Herb. LN: Dhekia. E: Rocks in forest. SO: Rare. RS: KKI-3541 (DACB).

Bolbitis costata (Presl) Ching ex C.Chr., Ind. Fil. Suppl. 3: 47. 1934. H: Herb. LN: Dhekia. E: Hill forest near stream. SO: Rare. RS: IH-481b (DACB).

Bolbitis crispatula (Wall. ex Clarke) Ching ex C.Chr., Ind. Fil. Suppl. 3: 47. 1954. H: Herb. LN: Achin dhekia. E: Stone in deep forest. SO: Very rare. RS: KKI-799 (DACB).

Family: **Marattiaceae**

Angiopteris evecta (Forst) Hoffm., Comm. Soc. Reg. Sci. Gott. 12: 29. 5. 1796. H: Herb. LN: Raj Dhekia. E: Near shady stream. U: Medicine. SO: Occasional. RS: KKI-3202 (DACB).

Angiopteris wallichiana C.Presl, Suppl. Tent. Pterid. 22.1845. *Angiopteris evecta* sensu Grev. & Hook., Enum. Fil., Hook., Bot. Misc. 3: 227. 1833. H: Herb. LN: Raj Dhekia. E: Near stream. U: Medicine. SO: Rare. RS: KKI-2908 (DACB).

Family: **Marsileaceae**

Marsilea quadrifolia L. Sp. Pl. 2: 1099-1100. 1753. H: Herb. LN: Tetulia pata, Sushni shak. E: Marshy land. U: Cattle fodder. SO: Common. RS: KKI-3926 (DACB).

Family: **Nephrolepidaceae**

Nephrolepis biserrata (Sw.) Schott., Gen. Fil. 3. 1834. H: Herb. LN: Bagan Dhekia. E: Moist exposed areas. U: Ornamental. SO: Rare. RS: IH-4877 (DACB).

Family: **Polypodiaceae**

Colysis hemionitidea (Wall.) Presl, Epim. Bot. 147. 1849. *Polypodium hemionitideum* wall., Number. list n. 284. 1828. H: Herb. LN: Chhagol kani fern. E: Grows on tree trunk. SO: Rare. RS: KKI-1000 (DACB).

Drynaria quercifolia (L.) J. Sm., J. Bot. Hook. 3: 398. 1841. Herb. LN: Pankhiraj. E: Grows on tree trunks. U: Medicine. SO: Common. RS: KKI-3571 (DACB).

Microsorium punctatum (L.) Copel., Uni. Calif. Pub. Bot. 16: 111. 1929. H: Herb. LN: Gucha patra fern. E: Grows on tree trunk. SO: Occasional. RS: KKI-3925 (DACB).

Family: **Pteridaceae**

Adiantum capillus-veneris L., Sp. Pl. 2: 1096. 1753. H: Herb. LN: Biddapata. E: Moist shady place. U: Ornamental. SO: Very rare. RS: KKI-3316 (DACB).

Adiantum philippense L., Sp. Pl. 2: 1094. 1753. H: Herb. LN: Biddapata, Kali-jhant. E: Moist shady place on hill slope. U: Ornamental. SO: Common. RS: KKI-3915 (DACB).

Aleuritopteris grisea (Blanf.) Panigrahi, Bull. Bot. Surv. Ind. 2: 321. 1960. H: Herb. LN: Sada Dhekia. E: Moist shady place on hill slope. SO: Occasional. RS: KKI-2855 (DACB).

Cheilanthes belangeri (Bory) C.Chr., Ind. Fil.: 182. 1905. H: Herb. E: Shady hill slope. SO: Rare. RS: KKI-664 (DACB).

Onychium siliculosum (Desv.) C.Chr., Index Filic. fasc. 8: 469. 1906. H: Herb. LN: Sonali dhekia, Golden fern. E: Hill slope near road. U: Ornamental. SO: Common. RS: KKI-3369 (DACB).

Onychium japonicum (Thunb.) Kunze, Bot. Zeitung (Berlin) 6: 507. 1848. H: Herb. LN: Sonali dhekia, Golden fern. E: Hill slope near road. U: Ornamental. SO: Rare. RS: KKI-773 (DACB).

Pityrogramma calomelanos (L.) Link, Hand. 3: 20. 1833. H: Herb. LN: Silver fern. E: Hill slope near road. U: Ornamental. SO: Occasional. RS: KKI-763 & 1122 (DACB).

Pteris biaurita L.Sp. Pl. 2: 1076 1753. H: Herb. LN: Jungli Dhekia. E: Shady forest of hill. SO: Very rare. RS: KKI-1644 (DACB).

Pteris blumeana Agardh, Rec. Spec. Pteridis: 22. 1839. *Pteris quadriaurita* var. *blumeana* (J.A. gardh) Bedd., Handh. Ferns Brit. Ind. 112. 1883. H: Herb. LN: Dhekia fern. E: Hill slope, stream. SO: Rare. RS: KKI-1764 (DACB).

Pteris geminata Wall. ex Agardh, Rec. Sp. Gen. Pterides. 31. 1839. H: Herb. LN: Dhekia fern. E: Hill slope. U: Ornamental. SO: Rare. RS: KKI-1562 (DACB).

Pteris quadriaurita Retz., Obs. Bot. 6: 38-39. 179. 1848. H: Herb. LN: Dhekia fern. E: Bushy habitats. U: Ornamental. SO: Occasional. RS: KKI-3565 (DACB).

Pteris venusta Kunze, Bot. Zeit. 6: 195-196. 1848. H: Herb. LN: Dhekia fern. E: Hill slope. U: Ornamental. SO: Occasional. RS: KKI-3539 (DACB).

Pteris vittata L., Sp. Pl. 2: 1074. 1753. H: Herb. LN: Sun fern. E: Shady place on wall and stone. U: Arsenic indicator. SO: Common. RS: KKI-3463 (DACB).

Family: **Schizaeaceae**

Lygodium flexuosum (L.) Sw., Schrad. J. Bot. 1800(2): 106. 1801. H: Climber. LN: Lata Dhekia. E: Moist hilly forest. U: Fishing net. SO: Common. RS: KKI-761 (DACB).

Lygodium giganteum Tagawa & K. Iwats., Acta Phytotax. Geobot. 22: 97. 1. 1967. H: Climber. LN: Lata Dhekia. E: Moist hilly forest. U: Fishing net. SO: Common. RS: KKI-769 (DACB).

Family: **Thelypteridaceae**

Christella evoluta (C.B. Clarke & Baker) Holttum, Companion Beddome's Ferns Brit. Ind. 208. 1974. H: Herb. LN: Dhekia. E: Shady wet place. SO: Rare. RS: KKI-916 (DACB).

Macrothelypteris torresiana (Guad.) Ching, Acta Phytotax. Sin. 8(4): 310. 1963. H: Herb. LN: Dhekia. E: Open place. SO: Occasional. RS: KKI-1556 & 920 (DACB).

Pronephrium nudatum (Roxb.) Holttum, Blumea 20 (1): 111. 1972. H: Herb. LN: Dhekia. E: Shady hilly forest near stream. SO: Common. RS: KKI-916 and 2868 (DACB).

GYMNOSPERMSFamily: **Gnetaceae**

Gnetum montanum Mgf., Bull. Jar. Bot. Buitenz. ser. 3. 10: 466. 1910. *Gnetum scandens* sensu Hook.f., Fl. Brit. Ind. 5: 642. 1885. H: Woody climber. LN: Gnetum. E: Forest near stream. SO: Occasional. RS: KKI-3647 (DACB).

MAGNOLIOPSIDA (DICOTS)Family: **Magnoliaceae**

Michelia champaca L., Sp. Pl.: 536. 1753. H: Tree. LN: Champa. Fl. & fr.: March-July. U: Ornamental. E: Roadside. SO: Occasional. RS: KKI-3957 (DACB).

Family: **Annonaceae**

Annona reticulata L., Sp. Pl. 537. 1753. *Annona excelsa* Kunth, Nov. Gen. Sp. 5: 59. 1821. H: Tree. LN: Nona-ata. Fl. & fr.: October-January. U: Fruit. E: Homestead. SO: Common. RS: KKI-2161 (DACB).

Fissistigma rubiginosum (A.DC.) Merr., Philipp. J. Sci. 15: 135. 1919. *Melodorum rubiginosum* (A.DC.) Hook.f. & Thomson, Fl. Ind. 1: 116 1855. H: Woody climber. Fl. & fr.: November-July. E: Hill slope. SO: Very rare. RS: KKI-3436 (DACB).

Miliusa tomentosa (Roxb.) J.Sinclair, Gard. Bull. Singapore 14: 378. 1955. H: Tall tree. Fl. & fr.: October-January. E: Roadside. SO: Very rare. RS: KKI-3586b (DACB).

Miliusa globosa (DC.) G. Panigr. & Mishra, Taxon 33(4): 713. 1984. H: Small tree. Fl. & fr.: October-January. E: Near stream. SO: Very rare. RS: KKI-1608 (DACB).

Mitrephora tomentosa Hook.f. & Thomson, Fl. Ind. 1: 113 1855. H: Small tree. Fl. & fr.: December-April. E: Hill forest. SO: Very rare. RS: KKI-2161 (DACB).

Polyalthia longifolia (Sonn.) Thwaites, Enum. Pl. Zeyl.: 398. 1864. *Uvaria longifolia* Voy. Indes Orient. ed. 2, 3: 260. 1782. H: Long tree. LN: Debbaru. Fl. & fr.: March-October. U: Ornamental. E: Roadside. SO: Planted. RS: KKI-3010 (DACB).

Polyalthia simiarum (Hook.f. & Thom.) Hook.f. & Thom. in Hook.f., Fl. Brit. Ind. 1: 63. 1872. H: Tree. LN: Gorjon daru. Fl. & fr.: March-September. U: Medicine. E: Near stream. SO: Rare. RS: KKI-3570 (DACB).

Family: **Myristicaceae**

Knema linifolia (Roxb.) Warb., Monogr. Myristic. 558, pl. 24(1-3). 1897. *Myristica linifolia* Roxb., Fl. Ind., ed. 1832. 3: 847-848. 1832. H: Long tree. LN: Ras barala. Fl. & fr.: January-May. E: Bank of stream. SO: Common. RS: KKI-2854, 2933 & 3293 (DACB).

Family: **Lauraceae**

Alseodaphne petiolaris Hook.f., Fl. Brit. Ind. 5: 144. 1886. H: Large tree. LN: Bon jolpai. Fl. & fr.: October-July. U: Timber. E: Roadside. SO: Very rare. RS: KKI-3292 (DACB).

Cinnamomum bejolghota (Buch.-Ham.) Sweet, Hort. Brit. ed. 1: 344. 1826. H: Tree. LN: Ram tejpatha. Fl. & fr.: January-July. U: Medicine. E: Near stream. SO: Occasional. RS: KKI-3626 (DACB).

Litsea glutinosa (Lour.) Roxb., Philip. J. Bot. Sci. 6: 321. 1911. H: Tree. LN: Kharajura. Fl. & fr.: April-January. U: Medicine. E: Village thickets. SO: Common. RS: KKI-3957 (DACB).

Litsea salicifolia (Roxb. ex Nees) Hook.f., Fl. Brit. Ind. 5: 167. 1886. H: Small tree. LN: Paina mula. Fl. & fr.: February-May. E: Hill slope near streams. SO: Rare. RS: KKI-2881, 2881a (DACB).

Litsea thomsonii Hook.f., Fl. Brit. India 5: 170. 1886. H: Large tree. Fl. & fr.: September-August. SO: Very rare. RS: KKI-3221 (DACB).

Litsea cubeba (Lour.) Pers., Syn. Pl. 2: 4 1806. *Laurus cubeba* Lour., Fl. Cochinch. 252. 1790. H: Small tree. Fl. & fr.: November-July. SO: Very rare. RS: KKI-3191 (DACB).

Litsea monopetala (Roxb.) Pers., Syn. Pl. 2: 4 1806. *Litsea polyantha* Juss., Ann. Mus. Natl. Hist. Nat. 6: 211. 1805. H: Tree. LN: Huoria, Meda. Fl. & fr.: March-November. U: Medicine. E: Village groves. SO: Common. RS: KKI-3956 (DACB).

Neolitsea zeylanica (Nees & T.Nees) Merr., Philipp. J. Sci.: 57. 1906. *Neolitsea cassia* (L.) Kosterm., J. Sci. Res. Indo. 1: 85. 1952. H: Tree. Fl. & fr.: October-April. Use: Firewood. E: Mixed forest. SO: Rare. RS: KKI-3180 (DACB).

Family: **Hernandiaceae**

Illigera trifoliata (Griff.) Dunn, J.Linn. Soc., Bot. 38(266): 294 1908. *Coryzadenia trifoliata* Griff. Not. Pl. Asiat. 4: 356. 1854. H: Climber (Lianus). LN: Gera lata. Fl. & fr.: August-March. E: Hill Forest. SO: Very rare. RS: Photo.

Family: **Piperaceae**

Piper longum L., Sp. Pl. 29. 1753. H: Climber (rambling or creeping). LN: Pipul. Fl. & fr.: June-September. U: Medicine. E: Shade areas of forest bed. SO: Common. RS: KKI-3960 (DACB).

Piper mullesua Buch.-Ham. ex D. Don, Prodr. Fl. Nepal. 20. 1825. H: Woody climber. Fl. & fr.: April-October. E: Shade areas of forest valley. SO: Rare. RS: IH-4936 (DACB).

Piper retrofractum Vahl, Enum. Pl. 1: 314. 1804. *Piper chaba* Hunter, Asiat. Res. 9: 391. 1809. H: Woody climber. LN: Choi, Chab. Fl. & fr.: Throughout the year. U: Spicy, Medicine. E: Cultivated. SO: Rare. RS: KKI-3274 (DACB).

Family: **Aristolochiaceae**

Aristolochia tagala Cham., Linn. 7: 207. 1832. *Aristolochia acuminata* Lam., Encycl. 1: 254. 1783. H: Climber (twiners). LN: Kaker thot. Fl. & fr.: April-January. E: Thickets. U: Medicine. SO: Common. RS: KKI-3267 (DACB).

Thottea tomentosa (Blume) Ding Hou, Blumea 27: 328, 49. 1981. H: Woody herb. LN: Matiya phul. Fl. & fr.: August-November. E: Shady moist place near stream. SO: Very rare. RS: KKI-3338 (DACB).

Family: **Nymphaeaceae**

Nymphaea rubra Roxb. ex Andrews, Bot. Repos. 8: 503. 1808. H: Aquatic herb. LN: Lal shapla. Fl. & fr.: August-January. E: Lakes. U: Vegetable and Medicine. SO: Rare. RS: KKI-3143 (DACB).

Family: **Ranunculaceae**

Narvelia zeylanica (L.) DC., Syst. Nat. 1: 167. 1817. *Atragene zeylanica* L., Sp. Pl. 542. 1753. H: Woody climber. LN: Chagul bati. Fl. & fr.: October-February. E: Forest margins. SO: Occasional. RS: KKI-3964 (DACB).

Family: **Menispermaceae**

Cissampelos pareira L., Sp. Pl. 1031. 1753. *Cissampelos pareira* var. *hirsuta* (Buch.-Ham. ex DC.) Forman, Kew Bull. 22: 356. 1968. H: Climber (twiner). LN: Laghu pathda. Fl. & fr.: February-July. E: Village thickets. U: Medicine. SO: Occasional. RS: KKI-3911 (DACB).

Cocculus hirsutus (L.) W. Theob, Burm. ed. 3, 2: 657. 1860. H: Climber. LN: Jaljamani, Huyer. Fl. & fr.: August-May. E: Village thickets. U: Medicine. SO: Rare. RS: KKI-3010 (DACB).

Cyclea barbata Miers, Ann. Mag. Nat. Hist. 18: 19. 1866. *Cyclea peltata* Ssensu Miq. 1858
H: Climber. LN: Patalpur. Fl. & fr.: March-November. E: Village thickets. U: Medicine.
SO: Common. RS: KKI-3965 (DACB).

Diploclisia glaucescens (Blume) Diels, Pflanzenr, 94: 225. 1910. H: Climber (lianas). Fl. &
fr.: March-July. E: Evergreen forest. U: Medicine. SO: Occasional. RS: KKI-3966 (DACB).

Parabaena sagittata Miers, Ann. Mag. Nat. Hist., ser. 2 7: 39. 1851. H: Climber. LN: Aring
kan shak. Fl. & fr.: January-November. E: Village thickets. SO: Rare. RS: KKI-3255 (DACB).

Pericampylus glaucus (Lam.) Merr., Interp. Rumph. Herb. Amb.: 219. 1917. H: Climber. LN:
Goria lata. Fl. & fr.: January-July. U: Medicine. SO: Occasional. RS: IH-4799 (DACB).

Pycnarrhena pleniflora Miers, Ann. Mag. Nat. Hist. 20: 12. 1867. H: Climber (twiner).
LN: Holok lata. Fl. & fr.: March-May. E: Village thickets and forest. SO: Rare. RS: KKI-
3970 (DACB).

Stephania japonica (Thunb.) Miers, Ann. Mag. Nat. Hist. 18: 14. 1866. H: Woody climber.
LN: Saplata. Fl. & fr.: Throughout the year. E: Village thickets. U: Medicine. SO:
Common. RS: KKI-3432 (DACB).

Family: **Sabiaceae**

Sabia limoniacea Wall. ex Hook.f. & Thomson, Fl. Ind. 1: 210 1855. H: Woody climber.
Fl. & fr.: August-May. E: Village thickets forest. SO: Very rare. RS: KKI-3010 (DACB).

Family: **Papaveraceae**

Argemone mexicana L., Sp. Pl.: 508. 1753. H: Herb. LN: Shialkanta. Fl. & fr.: February-
June. E: Fallow land & road side. U: Medicine. SO: Occasional. RS: KKI-1160 (DACB).

Family: **Ulmaceae**

Celtis tetrandra Roxb., Fl. Ind. 2: 63. 1824. H: Tree. LN: Aphnapata. Fl. & fr.: March-
October. E: Valley & hill slope. U: Wood. SO: Rare. RS: KKI-3609 & 3042 (DACB).

Trema orientalis (L.) Blume, Mus. Bot. 2: 62. 1856. *Sponia orientalis* (L.) Decene. 1834.
H: Tree. LN: Naila gach. Fl. & fr.: January-June. U: Match-box, Fishing boat, Tea chests.
SO: Common. RS: KKI-3549 (DACB).

Trema tomentosa (Roxb.) Hara, Univ. Mus. Univ. Tokyo Bull. 2: 19. 1971. *Trema*
amboinensis (Willd.) Blume, Mus. Bot. 2: 61-62. 1852. H: Tree. LN: Jinal. Fl. & fr.: April-
November. U: Firewood. SO: Common. RS: KKI-2986 (DACB).

Family: **Moraceae**

Artocarpus heterophyllus Lam., Encycl. 3: 29. 1789. H: Tree. LN: Kathal. Fl. & fr.: February-July. E: Homestead. U: Fruit. SO: Common. RS: KKI-3969 (DACB).

Artocarpus chama Buch.-Ham., Mem. Wern. Nat. Hist. Soc. 5: 331. 1826. *Artocarpus chaplasha* Roxb., Fl. Ind. ed. 1832 3: 525. 1832. H: Tree. LN: Chambal, Chapalish, Kathalicham. Fl. & fr.: April-August. E: Forest. U: Fruit, Timber. SO: Common. RS: KKI-3968 (DACB).

Artocarpus lacucha Buch.-Ham., Mem. Wern. Nat. Hist. Soc. 5: 333. 1826. *Artocarpus lakoocha* Roxb., Fl. Ind. ed. 1832. 3: 524. 1832. H: Tree. LN: Dewa, Dewphal, Bonkanthal. Fl. & fr.: April-June. E: Forest & Village thickets. U: Timber, Fruit. SO: Common. RS: KKI-3972 (DACB).

Ficus ampelas Burm.f., Fl. Ind. 226. 1768. H: Small tree. Fl. & fr.: April-August. E: Evergreen forest. SO: Occasional. RS: KKI-3971 (DACB).

Ficus auriculata Lour., Fl. Cochinch. 666. 1790. *Ficus roxburghii* Steud., Nomencl. Bot. 1: 637. 1840. H: Tree. LN: Urbul. Fl. & fr.: March-May. E: Forest & hill slopes. U: Fruit, Elephant fodder. SO: Common. RS: KKI-3525 (DACB).

Ficus benghalensis L., Sp. Pl. 1059. 1753. H: Large spreading tree. LN: Botgach. Fl. & fr.: May-August. E: Plain lands. U: Sacred tree. SO: Common. RS: IH-2001 (DACB).

Ficus heterophylla L.f., Suppl. Pl. 442. 1782. H: Shrub (creeping). LN: Bala lata, Ghoti-sheora. Fl. & fr.: November-February. E: River bank, Marshy lands. U: Vegetable. SO: Common. RS: KKI-2950 (DACB).

Ficus heteropleura Blume, Bijdr.: 466. 1825. H: Scandent shrub. LN: Plura dumur. Fl. & fr.: January-August. E: Forest. SO: Common. RS: KKI-3562 (DACB).

Ficus hispida L.f., Suppl. Pl. 442. 1782. H: Tree. LN: Dumur. Fl. & fr.: April-September. E: Village surrounding. U: Vegetable. SO: Common. RS: IH-2728 (DACB).

Ficus ischnopoda Miq., Ann. Mus. Bot. Lugduno-Batavi. 3: 229. 1867. H: Shrub. LN: Py-dumur. Fl. & fr.: May-August. E: River bank. U: Firewood. SO: Common. RS: KKI-3353 (DACB).

Ficus lamponga Miq., Fl. Ned. Ind., Eerste Bijv. 431. 1861. H: Small tree. LN: Py-dumur. Fl. & fr.: August-April. E: Shady place. U: Firewood. SO: Occasional. RS: KKI-3181 & 2877 (DACB).

Ficus nervosa B.Heyne ex Roth, Nov. Pl. Sp. 388. 1821. *Ficus undulata* Buch.-Ham., Trans. Linn. Soc. London 15: 133. 1827. H: Tree. Fl. & fr.: January-May. E: In Forest. U: Fire wood. SO: Occasional. RS: KKI-2894 (DACB).

Ficus pumila L., Sp. Pl. 2: 1060. 1753. *Ficus stipulata* Thunb., Ficus 8. 1786. H: Climber. SO: Occasional. RS: IH-782 (DACB).

Ficus racemosa L., Sp. Pl. 1060. 1753. *Ficus glomerata* Roxb., Pl. Coromandel 2: 13. 1799. H: Tree. LN: Jogdumur. Fl. & fr.: March-May. E: Village surrounding & Forest. U: Fruit, Medicine. SO: Common. RS: IH-1207 (DACB).

Ficus sagittata Koenig ex Vahl, Symb. Bot. 1: 83 1790. H: Root climber. LN: Karat-bot, Lati dhumur. Fl. & fr.: December-May. E: In forest. SO: Very rare. RS: KKI-2873 (DACB).

Ficus semicordata Buch.-Ham. ex Sm., Cycl. 14: 71. 1810. H: Tree. LN: Lata dumur. Fl. & fr.: June-December. E: Near stream, hill slope. U: Wood polish, Shade tree & Firewood. SO: Common. RS: KKI-3198 (DACB).

Ficus tinctoria G.Forst. ssp. *gibbosa* (Blume) Corner, Gard. Bull. Singapore 17: 476. 1960. *Ficus gibbosa* Blume, Bijdr. 9: 466. 1825. H: Small tree. LN: Ranga dumur. Fl. & fr.: February-May. E: Moist valleys. SO: Occasional. RS: KKI-2938 (DACB).

Ficus variegata Blume, Bijdr.: 459. 1825. H: Large tree. Fl. & fr.: December-March. E: In Forest. U: Fire wood. SO: Common. RS: KKI- 3281 & 3525 (DACB).

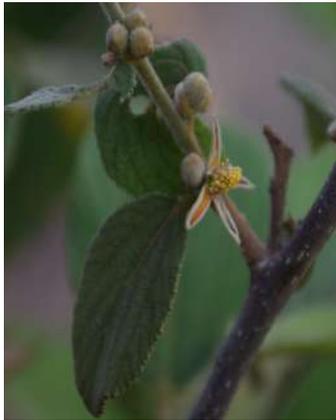
Maclura fruticosa (Roxb.) Corner, Gard. Bull. Singapore 19: 239. 1962. *Batis fruticosa* Roxb., Fl. Ind. ed. 2, 3: 763. 1832. H: Scandent thorny shrub. LN: china machura. Fl. & fr.: October-March. E: Near stream. U: Fruit & fire wood. SO: Very rare. RS: KKI-1689 (DACB).

Morus alba L., S. Pl. 986 1753. *Morus latifolia* Poir., Encycl. 4: 381 1797. H: Small tree. LN: Tut. Fl. & fr.: May-July. E: Cultivated. U: Silk. SO: Occasional. RS: KKI-3167 (DACB).

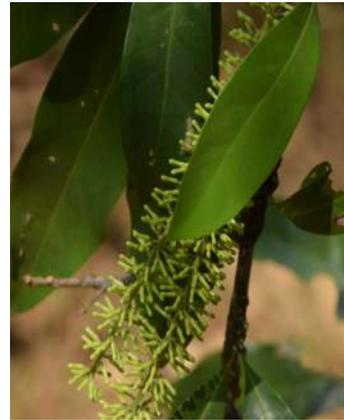
Streblus asper Lour., Fl. Cochinch. 1: 615. 1790. Fl. Cochinch. 1: 615. 1790. H: Small tree. LN: Shaora, Asshaora. Fl. & fr.: February-June. E: Open place, village thickets. U: Fire wood. SO: Common. RS: KKI-1126 (DACB).



Girardinia diversifolia



Grewia villosa



Helicia excelsa



Hemigraphis hirta



Hemiorchis pantlingii



Heteropanax fragrans



Homonoia riparia



Ixora nigrum



Laggera pterodonta

Family: **Cecropiaceae**

Poikilospermum suaveolens (Blume) Merr., Contr. Arnold Arbor. 8: 47. 1934. H: Woody climber. LN: Kodomlata. Fl. & fr.: April-June. U: Ornamental. SO: Very rare. RS: KKI-2846 & 1805 (DACB).

Family: **Urticaceae**

Boehmaria glomerulifera Miq. in Zoll., Syst. Verz. Ind., Archip.: 101. 1854. *Boehmaria malabarica* Wedd., Hook.f., Fl. Brit. Ind. 5: 575. 1888. H: Shrub. Fl. & fr.: December-March. E: Moist shady place. U: Fibre. SO: Common. RS: KKI-3674 (DACB).

Boehmeria manipurensis Friis & Wilmot-Dear, Edinburgh. J. Bot. 67 (3): 438-440, 3. 2010. H: Under shrub. LN: Mariamani. Fl. & fr.: November-March. E: Hill slope of forest. SO: Rare. RS: KKI-1660 (DACB).

Boehmeria macrophylla Hornem., Hort. Bot. Hafn. 2: 890. 1815. H: Shrub. LN: Ulichara. Fl. & fr.: July-December. E: Moist shady place. U: Fibre. SO: Occasional. RS: KKI-1619 & 3153 (DACB).

Boehmeria nivea (L.) Gaud., Voy. Uranie Bot.: 499. 1830. H: Subshrub. LN: Kankhura. Fl. & fr.: May-November. U: Fibre. SO: Occasional. RS: KKI-1648 (DACB).

Boehmeria penduliflora Wedd. ex D.G. Long, Notes Roy. Bot. Gard. Edinburgh 40: 130. 1982. H: Shrub. LN: Mariapandu. Fl. & fr.: April-October. E: Along stream. U: Fibre. SO: Rare. RS: KKI-3977 (DACB).

Boehmeria zollingeriana Wedd., Ann. Sci. Nat., Bot., sér. 4. 1: 201. 1854. *Boehmeria diversiflora* Miq., Syst. Verz. 101. 1854. H: Woody pendular shrub. LN: Jotphul lata. Fl. & fr.: May-December. E: Hill slope. U: Fire wood. SO: Very rare. RS: KKI-3099 (DACB).

Debregeasia squamata f. *tuberculata* Wilmot-Dear, Kew Bull. 43: 687. 1988. *Debregeasia dentata* Hook.f., Fl. Brit. Ind. 5: 591. 1888. H: Herb. LN: Debritala. Fl. & fr.: August-September. E: Along stream. U: Fibre. SO: Very rare. RS: KKI-3037 & 3155 (DACB).

Elatostema clarkei Hook.f., Fl. Brit. Ind. 5: 569. 1888. H: Herb. LN: Clarkejhara. Fl. & fr.: Throughout the year. E: On wet and shady rocks along the stream. U: Weed. SO: Common. RS: KKI3-3045 (DACB).

Elatostema integrifolium (D. Don) Wedd., Prodr. 16(1): 179. 1869. *Elatostema sesquifolium* (Reinw. ex Blume) Hassk, Cat. Hort. Bot. Bogor. 79. 1844. H: Erect herb. LN: Seskijhara. Fl. & fr.: March-May. E: Along stream. U: Weed. SO: Common.

Elatostema rupestre (Buch.-Ham. *ex* D.Don) Wedd., Arch. Much. Hist. Nat. 9: 304. 1856. H: Herb. LN: Pathorjhara. Fl. & fr.: May-July. E: Valley forest. U: Weed. SO: Common. RS: KKI-1588 (DACB).

Elatostema papillosum Wedd., Arch. Mus. Hist. Nat. 9: 327. 1856. H: Herb. LN: Shilajar. Fl. & fr.: June-November. E: In forest. U: Weed. SO: Rare. RS: KKI-1627 & 3211 (DACB).

Girardinia diversifolia (Link) Friis, Kew Bull. 36: 145. 1981. H: Herb. LN: Bichu. Fl. & fr.: September-November. E: Forest margin. U: Medicine, Fibre. SO: Very rare. RS: KKI-3247 (DACB).

Neodistemon indicum (Wedd.) Babu & Henry, Taxon 19: 651. 1970. H: Herb. LN: Neodi. Fl. & fr.: August-October. E: Rocky place. SO: Very rare. RS: KKI-1770 (DACB).

Oreocnide integrifolia (Gaud.) Miq., Ann. Mus. Bot. Lugduno-Batavi 4: 306. 1869. H: Small tree. LN: Horhuta. E: Along stream. U: Fibre. SO: Common. RS: KKI-3457 (DACB).

Pellionia heyneana Wedd., Arch. Mus. Hist. Nat. 9(1-2): 287. 5. 1856. H: Herb. LN: Pliena. Fl. & fr.: May-August. E: Damp places along stream. SO: Very rare. RS: KKI-3321 (DACB).

Pilea melastomoides (Poir.) Wedd., Ann. Sci. Nat., Bot., sér. 4. 1: 186. 1854. H: Shrub. Fl. & fr.: August-November. E: Shady and wet place. SO: Rare. RS: KKI-1645 (DACB).

Pilea anisophylla (Hook.f.) Wedd., Arch. Mus. Hist. Nat. 193. 1856. H: Herb. LN: Animarichha. Fl. & fr.: June-December. SO: Very rare. RS: KKI-1558 (DACB).

Pilea glaberrima (Blume) Blume, Mus. Bot. 2(4): 54. 1856. *Pilea smilacifolia* Wedd., Ann. Sci. Nat., Bot., sér. 4, 1: 186. 1854. H: Herb. LN: Lotamaricha. Fl. & fr.: May-November. E: Near streams. SO: Occasional. RS: KKI-1646 & 2829 (DACB).

Pouzolzia sanguinea (Blume) Merr., J. Straits Branch Roy. Asiat. Soc. 84 (Spec. No.): 233. 1921. H: Shrub. LN: Sangosolzi. Fl. & fr.: April-August. E: Dry valley, roadside. U: Fibre, Vegetable. SO: Common. RS: KKI-1567 (DACB).

Pouzolzia zeylanica (L.) Benn., Pl. Jav. Rar.: 67. 1838. H: Herb. LN: Kullakuri. Fl. & fr.: June-November. E: Wet place. U: Weed. SO: Common. RS: KKI-986 (DACB).

Sarcochlamys pulcherrima Gaud., Voy. Bonite Bot. 89. 1826. H: Shrub. LN: Kurrer than, Maricha. Fl. & fr.: April-September. E: Open and damp forest. U: Fibre. SO: Occasional.

Family: **Junlandaceae**

Engelhardtia spicata Lichen *ex* Blume., Bijdr. Fl. Ned. Ind. 528. 1826. H: Tree. LN: Jhumka Bhadi, Bolsne, Chorkanta-lej. Fl. & fr.: November-April. E: Road side. U: Wood carving. SO: Rare. RS: KKI-824 (DACB).

Family: **Fagaceae**

Lithocarpus elegans (Blume) Hatus. *ex* Soepadmo, Reinwardtia 8: 236. 1970. H: Tree. LN: Bara batna. Fl. & fr.: March-October. E: Hill forest. U: Agricultural implements. SO: Common. RS: KKI-2864 (DACB).

Castanopsis castanicarpa (Roxb.) Spach, Hist. Veg. Phan. 11: 185. 1842. H: Tree. LN: Huria batna, lumba kanta batna. Fl. & fr.: January-December. E: Hill forest. U: Agricultural implement. SO: Occasional. RS: KKI-924 (DACB).

Lithocarpus fenestratus (Roxb.) Rehder, J. Arnold Arbor. 1: 126. 1919. H: Tree. LN: Kala batna. Fl. & fr.: September-May. E: Hill forest. U: Agricultural implements. SO: Very rare. RS: KKI-3341 (DACB).

Family: **Casuarinaceae**

Casuarina equisetifolia L., Amoen. Acad. 4: 143 1759. H: Spreading tree. LN: Jhau. Fl. & fr.: November-March. E: Roadside. U: Ornamental. SO: Common. RS: IH-3150 (DACB).

Family: **Nyctaginaceae**

Bougainvillea spectabilis Willd., Sp. Pl. 2: 348 (1799). H: Pendular shrub. LN: Bagan bilas. Fl. & fr.: October-March. E: Homestead. U: Ornamental. SO: Common. RS: IH-4210 (DACB).

Boerhaavia diffusa L., Ap. Pl. 1:3. 1753. H: Creeping herb. LN: Punarnava. Fl. & fr.: April-August. E: Fallow land, Waste place. U: Medicine. SO: Occasional. RS: IH-2143 (DACB).

Mirabilis jalapa L. Sp. Pl. 177. 1753. H: Herb. LN: Sandhya malati. Fl. & fr.: March-May & August-November. E: Homestead. U: Ornamental, Medicine. SO: Occasional. RS: IH-3471 (DACB).

Family: **Cactaceae**

Opuntia dillenii (Ker Gawl.) Haw., Suppl. Pl. Succ. 79. 1819. H: Succulent shrub. LN: Phoni monsa, Nag-phona. Fl. & fr.: April-August. E: Homestead. U: Ornamental. SO: Occasional. RS: IH-3248 (DACB).

Family: **Chenopodiaceae**

Chenopodium ambrosioides L., Sp. Pl. 219. 1753. H: Herb. LN: Gandha batua. Fl. & fr.: January-April. E: Field margin, Roadside. U: Medicine. SO: Occasional. RS: KKI-2947 (DACB).

Chenopodium album L., Sp. Pl. 219. 1753. H: Herb. LN: Bathwa shak. Fl. & fr.: December-March. E: Crop field, River bank. U: Vegetable, Medicine. SO: Common. RS: IH-3124 (DACB).

Family: **Amaranthaceae**

Achyranthes aspera L., Sp. Pl. 204. 1753. H: Herb. LN: Apang. Fl. & fr.: June-October. E: Roadside, Waste place. U: Medicine. SO: Common. RS: IH-2085 (DACB).

Aerva sanguinolenta (L.) Blume, Bijdr. 547. 1826. H: Herb. LN: Lal apang. Fl. & fr.: Throughout the year. E: Planted. U: Medicine. SO: Occasional. RS: IH-3214 (DACB).

Alternanthera philoxeroides (Mart.) Griseb., Abh. Königl. Ges. Wiss. Göttingen 24: 36. 1879. H: A quatic herb. LN: Helencha. Fl. & fr.: March-June. E: Wet places. U: Medicine, Vegetable. SO: Common. RS: IH-3571 (DACB).

Alternanthera sessilis (L.) R.Br. ex DC., Cat. Pl. Horti Monsp. 77. 1813. H: Herb. LN: Chanchi, Haicha. Fl. & fr.: Throughout the year. U: Vegetable. SO: Common. RS: BK-63 (DACB).

Amaranthus blitum L., Sp. Pl. 990 1753. H: Herb. LN: Gobura notey. Fl. & fr.: January-April. E: River bank. U: Vegetable. SO: Occasional. RS: BK-521 (DACB).

Amaranthus spinosus L., Sp. Pl. 991. 1753. H: Herb. LN: Khaira kata, Kanta-nutia. Fl. & fr.: Throughout the year. E: Wasteland, Roadside. U: Vegetable, Medicine. SO: Common. RS: BK-93 (DACB).

Amaranthus viridis L., Sp. Pl. ed. 2 1405. 1763. H: Herb. LN: Noyta sak, Maris sak. Fl. & fr.: August-September. E: Moist place and roadside. U: Vegetable, Medicine. SO: Common. RS: KKI-3145 (DACB).

Celosia argentea L., Sp. Pl. 205. 1753. H: Herb. LN: Moragh phul. Fl. & fr.: September-January. E: Planted. U: Ornamental. SO: Common. RS: KKI-1707 (DACB).

Cyathula prostrata (L.) Blume, Bijdr. 549. 1826. H: Herb. LN: Weed. Fl. & fr.: September-November. E: Roadside. U: Medicine. SO: Common. RS: KKI-1768 (DACB).

Family: **Portulacaceae**

Portulaca quadrifida L., Mant. Pl. 73. 1767. H: Herb. LN: Gasphul. Fl. & fr.: March-August. E: Planted. U: Ornamental. SO: Occasional. RS: BK-204 (DACB).

Portulaca oleracea L., Sp. Pl. 445. 1753. H: Herb. LN: Nunia, Kulfi. Fl. & fr.: May-August. E: Grassland. U: Vegetable, Medicine. SO: Common. RS: BK-33 (DACB).

Family: **Polygonaceae**

Ampelgynonum chinense (L.) Lindl., Edwards's Bot. Reg. 24(Misc.): 62. 1838. H: Herb. LN: Mohicharan sak. Fl. & fr.: September-March. E: Stream bank. U: Vegetable. SO: Occasional. RS: KKI-1731(DACB).

Persicaria hydropiper (L.) Delarbre, Fl. Auvergne ed. 2: 518. 1800. *Polygonum hydropiper* L., Sp. Pl. 361. 1753. H: Herb. LN: Pakurmul, Bishkatali. Fl. & fr.: August-April. E: River bank. U: Medicine. SO: Common. RS: BK-42 (DACB).

Persicaria barbata (L.) H.Hara, in Fl. E. Himal. 70. 1966. H: Herb. LN: Bishkatali. Fl. & fr.: August-April. E: Marshy place. U: Medicine. SO: Common. RS: IH-2741 & 3414 (DACB).

Persicaria lapathifolia (L.) Delarbre, Fl. Auvergne ed. 2: 519. 1800. H: Herb. LN: Lomosh bishkatali. Fl. & fr.: February-May. E: River bank. U: Medicine. SO: Common. RS: BK-134 (DACB).

Persicaria orientalis (L.) Spach, Hist. Nat. Vég. 10: 537. 1841. H: Herb. LN: Bara panimorich. Fl. & fr.: March-August. E: River bank. U: Medicine. SO: Common. RS: IH-3489 (DACB).

Rumex maritimus L., Sp. Pl. 335. 1753. H: Herb. LN: Agra. Fl. & fr.: January-May. E: River bank. U: Weed. SO: Common. RS: KKI-3655 (DACB).

Family: **Dilleniaceae**

Dillenia indica L., Sp. Pl. 535. 1753. H: Tree. LN: Chalta. Fl. & fr.: May-February. U: Vegetable. SO: Common. RS: IH-3697 (DACB).

Family: **Dipterocarpaceae**

Dipterocarpus costatus C.F. Gaertn., Suppl. Carp. 3: 50. 1805. H: Long tree. LN: Sada garjon. Fl. & fr.: December-May. E: Planted. U: Timber. SO: Occasional. RS: IH-3781 (DACB).

Hopea odorata Roxb., Pl. Coromandel 3: 7. 1811. H: Long tree. LN: Telsore. Fl. & fr.: February-June. E: Roadside. U: Timber. SO: RS: KKI-3977 (DACB).

Family: **Theaceae**

Schima wallichii Choisy, Syst. Verz. 144. 1854., H: Small tree. LN: Kanok, Mon champa. Fl. & fr.: March-September. E: Hill top. U: Timber. SO: Occasional. RS: KKI-3639 (DACB).

Eurya acuminata DC., Prodr. 1: 525. 1824. H: Small tree. LN: Sagoler bori, Lapet. Fl. & fr.: July-December. E: Scrub jungles. U: Medicine. SO: Common. RS: KKI-3188 (DACB).

Family: **Actinidiaceae**

Saurauia roxburghii Wall., Pl. Asiat. Rar. 2: 40 1831. H: Small tree. LN: Bholakadam. Fl. & fr.: March-October. E: In forest. U: Firewood. SO: Common. RS: KKI-1112 (DACB).

Family: **Clusiaceae**

Garcinia cowa Roxb. ex Choisy, Prodr. 1: 561. 1824. H: Tree. LN: Cowa, Kau. Fl. & fr.: February-August. E: Deep forest. U: Fruit. SO: Common. RS: KKI-2902 (DACB).

Garcinia xanthochymus Hook.f. ex Anders. in Hook.f., Fl. Brit. Ind. 1: 269. 1874. H: Small tree. LN: Dam bel, Dem gola. Fl. & fr.: March-February. E: Hill slope. U: Fruit. SO: Rare. RS: KKI-2890 (DACB).

Mammea nervosa (Kurz) Kosterm., Comm. For. Res. Inst. Indones. Bogor. 72: 25, 20. 1961. H: Tree. LN: Suringi. Fl. & fr.: March-July. E: Forest edges. U: Timber. SO: Very rare. RS: KKI-3604 & 3646a (DACB).

Mesua ferrea L., Sp. Pl. (ed. 2) 1: 734. 1762. H: Tree. LN: Nageshwar. Fl. & fr.: February-October. E: Planted. U: Timber. SO: Occasional. RS: BK-321 (DACB).

Family: **Elaeocarpaceae**

Elaeocarpus floribundus Blume, Bijdr.: 120.1825. H: Tree. LN: Jalpai, Titpai. Fl. & fr.: March-December. E: Foothill. U: Fruit. SO: Rare. RS: KKI-3630 (DACB).

Family: **Tiliaceae**

Colona flagrocarpa (Clarke) Craib, Fl. Siam. Enum. 1(1): 189. 1925. H: Tree. Fl. & fr.: June-December. U: Timber. SO: Rare. RS: KKI-3177 & 3177a (DACB).

Corchorus aestuans L., Syst. Nat. ed. 10 2: 1079. 1759. H: Herb. LN: Ban pat. Fl. & fr.: August-February. E: Roadside. U: Weed, Fibre. SO: Common. RS: KKI-1537 (DACB).

Grewia asiatica L., Mant. Pl. 1: 122. 1767. H: Small tree. LN: Phalsa. Fl. & fr.: November-December. E: Forest. U: Fibre. SO: Occasional. RS: KKI-3132 (DACB).

Grewia rothii DC., Prodr. 1: 509. 1824. H: Small tree. Fl. & fr.: April-June. E: Along roadside. U: Cattle fodder, Fibre. SO: Rare. RS: KKI-1565 (DACB).

Grewia serrulata DC., Prodr. 1: 510. 1824. H: Small tree. LN: Banta bicha. Fl. & fr.: May-February. E: Forest edges. SO: Occasional. RS: KKI-870 (DACB).

Grewia villosa Willd., Neue Schriften Ges. Naturf. Freunde Berlin 4: 205. 1803. H: Small tree. LN: Banta bicha. Fl. & fr.: June-October. E: Forest. U: Fruit. SO: Very rare. RS: KKI-3645 (DACB).

Triumfetta annua L., Mant. Pl. 73. 1767. H: Herb. LN: Burweed. Fl. & fr.: December-March. E: Roadsides. U: Medicine. SO: Common. RS: KKI-781 & 3104 (DACB).

Triumfetta cana Blume, Bijdr. Fl. Ned. Ind. 1: 126. 1825. H: Sub-shrub. Fl. & fr.: June-December. E: Roadside. SO: Very rare. RS: KKI-781, 905 (DACB).

Triumfetta pentandra A.Rich. in Guill. & Perr., Fl. Senegamb. Tent. 1: 93. 19. 1831. H: Herb. Fl. & fr.: November-March. E: Fallow land. SO: Rare. RS: KKI-3430 (DACB).

Triumfetta pilosa Roth, Nov. Pl. Sp. 223. 1821. H: Under shrub. LN: Banta bicha. Fl. & fr.: Throughout the year. E: Roadside, Fallow land SO: Occasional. RS: KKI-3509 (DACB).

Triumfetta rhomboidea Jacq., Syst. Pl. 22. 1760. H: Under shrub. LN: Bon okra. Fl. & fr.: August-January. U: Weed. SO: Occasional. RS: KKI-1724 (DACB).

Family: **Sterculiaceae**

Abroma augusta (L.) L.f., Suppl.: 341. 1781. H: Shrub. LN: Ulatkambal. Fl. & fr.: June-December. E: Roadside. U: Medicine. SO: Common. RS: BK-64 (DACB).

Byttneria aspera Collebr. ex Wall., Fl. Ind. 2: 383. 1824. H: Woody climber. LN: Khata fall lata. Fl. & fr.: April-December. E: Hilly forest. U: Hair washing. SO: Common. RS: KKI-1013 & 2787 (DACB).

Byttneria pilosa Roxb., Fl. Ind. 2: 681. 1832. H: Woody climber. LN: Harjora lata. Fl. & fr.: October-February. E: Forest edge. U: Medicine. SO: Common. RS: KKI-846, 2785 (DACB).

Firmiana colorata (Roxb.) R.Br., Pterocymbium 235. 1844. *Sterculia colorata* Roxb., Pl. Corom. 1: 26. 1795. H: Tree. LN: Faisa Udal. Fl. & fr.: March-April. Hill slope and top. U: Ornamental. SO: Very rare. RS: KKI-3582 (DACB).

Pterospermum acerifolium (L.) Willd., Sp. Pl. 3: 729. 800. H: Tree. LN: Kanak-champa, Moos. Fl. & fr.: March-April. E: Hill slope and top. U: Roadside. SO: Rare. RS: KKI-928 (DACB).

Pterospermum semisagittatum Buch.-Ham. *ex* Roxb., Mém. Mus. Hist. Nat. 10: 113. 1823. H: Tree. LN: Lana Assar, Bara Assar. Fl. & fr.: April-August. E: Forest. U: Agricultural implements. SO: Common. RS: KKI-991 (DACB).

Sterculia balanghas L., Sp. Pl.: 1007. 1753. H: Tree. Fl. & fr.: January-May. E: Hill top. SO: Very rare. RS: KKI-3611, 3611a & 3611b (DACB).

Sterculia foetida L., Sp. Pl. 1008. 1753. H: Tree. LN: Box badam. Fl. & fr.: February-August. E: Hill top. U: Medicine. SO: Common. RS: BK-321 (DACB).

Sterculia guttata Roxb., Fl. Ind., ed. 1832. 3: 148. 1832. H: Tree. LN: Udal, Chandul. Fl. & fr.: March-May. E: Hill slope. U: Fibre. SO: Occasional. RS: KKI-3584 (DACB).

Sterculia hamiltonii (Kuntze) Adelb., Blumea 5: 506. 1952. *Sterculia coccinea* Roxb. 1832. H: Tree. LN: Siduri phal gach. Fl. & fr.: April-October. E: Hill slope along stream. U: House post. SO: Occasional. RS: KKI-2791 (DACB).

Family: **Bombacaceae**

Bombax ceiba L., Sp. Pl. 511. 1753. *Bombax malabaricum* DC., Prodr. 1: 479. 1824. H: Tree. LN: Shimul. Fl. & fr.: January-April. E: Village thickets. U: Fibre. SO: Common. RS: KKI-2217 (DACB).

Ceiba pentandra (L.) Gaertn., Fruct. Sem. Pl. 2: 244. 1791. H: Tree. LN: Sirmaitula, Kapuk. Fl. & fr.: January-March. E: Homestead. U: Fibre. SO: Common. RS: KKI-2943 (DACB).

Family: **Malvaceae**

Abelmoschus esculentus (L.) Moench, Methodus 617. 1794. H: Herb. LN: Bhendi. Fl. & fr.: Throughout the year. E: Cultivated. U: Vegetable, Fibre. SO: Common. RS: KKI-803 (DACB).

Abelmoschus hostilis (Wall. *ex* Mast.) M.S. Khan & M.S. Hussain, Bangladesh J. Pl. Taxon. 8: 115. 2001. H: Herb. LN: Kantabhendi. Fl. & fr.: September-November. E: Hill slope. SO: Rare. RS: KKI-1720 (DACB).

Abelmoschus moschatus Medik, Malvenfam. 46. 1787. H: Herb. LN: Mushak-dana. Fl. & fr.: July-January. E: Waste place, Scrub. U: Fibre. SO: Occasional. RS: KKI-741, 2912 (DACB).

Abutilon indicum (L.) Sweet, Hort. Brit. 54. 1826. H: Under shrub. LN: Jhumka. Fl. & fr.: July-April. E: Roadside, Fallowland. U: Fibre. SO: Occasional. RS: KKI-2837, 1077 (DACB).

Abutilon persicum (Burm.f.) Merr., Philip. J. Sci. 19: 364. 1921. H: Under shrub. LN: Parsa. Fl. & fr.: November-April. E: Roadside. U: Fibre. SO: Very rare. RS: KKI-3408 (DACB).

Gossypium herbaceum L, Sp. Pl. 693. 1753. H: Shrub. LN: Karpas tula. Fl. & fr.: December-April. E: Roadside. U: Fibre. SO: Common. RS: BK-631 (DACB).

Hibiscus rosa-sinensis L., Sp. Pl. 694. 1753. H: Shrub. LN: Joba, Raktajoba. Fl. & fr.: Throughout the year. E: Homestead. U: Medicine, Ornamental. SO: Common. RS: IH-1654 (DACB).

Hibiscus sabdariffa L., Sp. Pl. 695. 1753. H: Herb. LN: Mesta, Chukai gota. Fl. & fr.: September-February. E: Homestead. U: Fibre. SO: Common. RS: KKI-866 (DACB).

Hibiscus surattensis L., Sp. Pl. 696. 1753. H: Trailing herb. LN: Kata jaba. Fl. & fr.: September-February. E: Bushes, Forest edge. U: Medicine, Fibre. SO: Occasional. RS: KKI-3588 (DACB).

Malvastrum coromandelianum (L.) Garcke, Bonplandia (Hannover) 5: 297. 1857. H: Undershrub. Fl. & fr.: June-December. E: Fallow land. U: Fibre. SO: Occasional. RS: KKI-1696 (DACB).

Sida acuta Burm.f., Fl. Ind. 147. 1768. H: Under shrub. LN: Berela. Fl. & fr.: September-May. E: Roadside. U: Medicine, Fibre. SO: Common. RS: KKI-1728 (DACB).

Sida cordata (Burm.f.) Borss. Waalk., Blumea 14: 182. 1966. H: Prostrate herb. LN: Junka, Suntal. Fl. & fr.: August-December. E: Fallow land, Roadside. SO: Occasional. RS: KKI-756 (DACB).

Thespesia lampas (Cav.) Dalzell, H: Shrub. LN: Bon karpus. Fl. & fr.: August-December. E: Forest edge. SO: Occasional. RS: KKI-1665 (DACB).

Urena lobata L., Sp. Pl. 692. 1753. H: Shrub. LN: Ban-okhra. Fl. & fr.: July-October. E: Waste place, Roadside. U: Fibre. SO: Common. RS: KKI-840 (DACB).

Family: **Flacourtiaceae**

Hydnocarpus kurzii (King) Warb., Nat. Pflanzenfam. 3 (6a): 21. 1893. H: Tree. LN: Chaulmugra. Fl. & fr.: July-February. E: Near stream. U: Medicine. SO: Occasional. RS: BK-345 (DACB).

Flacourtia jangomas (Lour.) Raeusch., Nomencl. Bot. ed. 3: 290. 1797. H: Tree. LN: Painnagula. Fl. & fr.: March-October. E: Forest edge. U: Fruit. SO: Occasional. RS: IH-2145 (DACB).

Family: **Bixaceae**

Bixa orellana L., Sp. Pl. 512. 1753. H: Large shrub. LN: Belati haldi. Fl. & fr.: October-June. E: Roadside. U: Colour. SO: Occasional. RS: KKI-910 & 3368 (DACB).

Family: **Passifloraceae**

Passiflora foetida L., Sp. Pl. 959. 1753. H: Climber. LN: Jhumko lata. Fl. & fr.: May-December. E: Roadside. U: Medicine. SO: Common. RS: KKI-3268 (DACB).

Family: **Caricaceae**

Carica papaya L., Sp. Pl. 1036. 1753. H: Tall Herb. LN: Pepe. Fl. & fr.: Throughout the year. E: U: Vegetable. SO: Common. RS: IH-2730 (DACB).

Family: **Cucurbitaceae**

Luffa cylindrica (L.) M. Roem., Fam. Nat. Syn. Monogr. 2: 63. 1846. H: Herb. LN: Dhundul, Titpola. Fl. & fr.: June-December. E: Roadside. U: Vegetable. SO: Common. RS: KKI-1754 & 3116 (DACB).

Momordica charantia L., Sp. Pl. 2: 1009. 1753. H: Climber. Fl. & fr.: July-October. U: Medicine, Vegetable. SO: Cultivated. RS: IH-2084 (DACB).

Momordica dioica Roxb. ex. Willd., Sp. Pl. 4(1): 605. 1805. H: Climber. LN: Kakrol. Fl. & fr.: May-October. E: Roadside. U: Vegetable. SO: Common. RS: KKI-1738 & 2995 (DACB).

Mukia maderaspatana (L.) M. Roem., Fam. Nat. Syn. Monogr. 2: 47. 1846. H: Climber. LN: Agmukhi, Bilari. Fl. & fr.: June-December. E: Thicket, Grassland. U: Medicine. SO: Common. RS: KKI-1716, 2989 (DACB).

Solena amplexicaulis (Lam.) Gandhi, Fl. Hassan District 179. 1976. H: Climber. LN: Rakhhal gota, Rakhhal shasha. Fl. & fr.: April-September. E: Thicket, forest. U: Medicine. SO: Occasional. RS: KKI-1631 (DACB).

Thladiantha cordifolia (Blume) Cogn., Monogr. Phan. 3: 424. 1881. H: Climber. LN: Suti kakrol. Fl. & fr.: May-November. E: In forest. SO: Rare. RS: KKI-2777 (DACB).

Trichosanthes anguina L. Sp. Pl. 1008. 1753. H: Climber. LN: Chichinga. Fl. & fr.: April-August. U: Vegetable. SO: Cultivated. RS: KKI-3663 (DACB).

Trichosanthes dioica Roxb., Fl. Ind., ed. 3: 701. 1832. H: Climber. LN: Patal. Fl. & fr.: April-September. E: Roadside. U: Vegetable. SO: Occasional. RS: KKI-1772 (DACB).

Trichosanthes tricuspida Lour., Fl. Cochinch. 2: 589. 1790. H: Climber. LN: Makal phal. Fl. & fr.: July-December. E: In forest. U: Medicine, Poisonous. SO: Occasional. RS: KKI-1758 (DACB).

Zehneria japonica (Thunb.) H.Y.Liu, Bull. Natl. Mus. Nat. Sci. (Taichung) 1: 40. 1989. H: Climber. LN: khoskhosa. Fl. & fr.: May-November. E: Forest. U: Medicine. SO: Rare. RS: KKI-3218 (DACB).

Zehneria scabra Sond., Fl. Cap. 2: 486. 1862. H: Climber. Fl. & fr.: June-December. E: Forest. U: Medicine. SO: Rare. .RS: KKI-3471 (DACB).

Family: **Datisceae**

Tetrameles nudiflora R.Br., Pl. Jav. Rar. 79, Pl. 17. 1838. H: Tree. LN: Chundul, Maina kat, Taru. Fl. & fr.: February-May. E: Hill top. U: Firewood. SO: Rare. RS: KKI-3676 (DACB).

Family: **Begoniaceae**

Begonia annulata K.Koch, Bertiner Allg. Garten. 1: 76. 1837. *Begonia barbata* H: Herb. LN: Tokpata. Fl. & fr.: June-October. E: Shady and moist place. U: Weed. SO: Common. RS: KKI-1549 (DACB).

Begonia rex Putz., J.Gén. Hort. 2: 141. 1857. H: Herb. LN: Lalmukta. Fl. & fr.: Throughout the year. E: Shady and moist place. U: Weed. SO: Common. RS: KKI-775 & 3001 (DACB).

Begonia roxburghii A.DC., Prodr. 15(1): 398. 1864. H: Herb. Fl. & fr.: July-August. E: Along stream. U: Vegetable. SO: Common. RS: KKI-2813 (DACB).

Family: **Capparaceae**

Cleome rutidosperma DC., Prodr. 1: 241. 1824. H: Herb. LN: Choto hurhuri. Fl. & fr.: Throughout the year. E: Fallow land, Waste place. U: Weed. SO: Common. RS: KKI-3979 (DACB).

Cleome viscosa L. Sp. Pl. 672. 1753. H: Herb. LN: Halde hurhuri. Fl. & fr.: Throughout the year. E: Fallow land, Waste place. U: Weed. SO: Common. RS: KKI-2841 & 3407 (DACB).

Family: **Brassicaceae**

Rorippa dubia (Pers.) H.Hara, J. Jap. Bot. 30: 196. 1955. H: Herb. Fl. & fr.: November-May. E: River bank, Waste place. U: Weed. SO: Common. RS: BK-32 (DACB).

Rorippa indica (L.) Hiern, Cat. Afr. Pl. 1: 1896. H: Herb. Fl. & fr.: April-October. E: River bank, Waste place. U: Weed. SO: Common. RS: KKI-3466 (DACB).

Family: **Moringaceae**

Moringa oleifera Lam., Encycl. 1(2): 398. 1785. H: Tree. LN: Sajna. Fl. & fr.: October-March. E: Planted. U: Medicine, Vegetable. SO: Occasional. RS: IH-2361 (DACB).

Family: **Sapotaceae**

Chrysophyllum cainito L. Sp. Pl. 192. 1753. H: Tree. LN: Ata apple. Fl. & fr.: March-June. E: Homesteads & hilly land. U: Fruit. SO: Planted. RS: KKI-3553 (DACB).

Manilkara zapota (L.) P.Royen, Blumea 7: 410. 1953. H: Tree. LN: Sofeda. Fl. & fr.: Throughout the year. E: Homestead. U: Fruit. SO: Occasional. RS: KKI-1004 (DACB).

Mimusops elengi L., Sp. Pl. 349 1753. H: Tree. LN: Bokul. Fl. & fr.: March-June. E: Roadside. U: Ornamental. SO: Common. RS: KKI-860 (DACB).

Madhuca longifolia (Koenig) Macbr., Contr. Gray Herb. Harv. Uni. 53: 17. 1918. H: Tree. LN: Mohua. Fl. & fr.: March-August. E: Hill top. U: Medicine. SO: Rare. RS: KKI-3289 (DACB).

Family: **Ebenaceae**

Diospyros pilosiuscula G.Don, Gen. Hist. 4: 39. 1837. H: Tree. LN: Khalda gab. *Diospyros pilosula* (A. DC.) Hiern, Trans. Camb. Phil. Soc. 12. 1: 188. 1873. Fl. & fr.: March-June. E: Hill slope. U: Firewood. SO: Very rare. RS: KKI-3547 (DACB).

Family: **Myrsinaceae**

Ardisia paniculata Roxb., Fl. Ind. 2: 270. 1824. H: Shrub. Fl. & fr.: April-June. E: Forest edge. SO: Rare. RS: KKI-2849 (DACB).

Ardisia sanguinolenta Blume, Protologue: Bijdr. fl. Ned. Ind. 13: 685. 1826. *Ardisia colorata* Roxb., Fl. Ind. 2: 271. 1824. H: Small tree. Fl. & fr.: May-December. E: Along stream. U: Medicine. SO: Occasional. RS: KKI-3317 (DACB).

Ardisia humilis Vahl, Symb. Bot. 3: 40. 1794. H: Shrub. LN: Putidana. Fl. & fr.: June-December. E: Along stream. U: Medicine (Snake bite). SO: Occasional. RS: KKI-2827 (DACB).

Maesa indica (Roxb.) A.DC., Trans. Linn. Soc. London 17 (1): 134. 1834. H: Small tree. LN: Sesu, Sirkhi. Fl. & fr.: April-January. E: Forest edge. U: Firewood. SO: Common. RS: KKI-1111 (DACB).

Maesa ramentacea (Roxb.) A.DC., Trans. Linn. Soc. 17: 133. 1834. H: Small tree. LN: Moricha. Fl. & fr.: January-November. E: Forest edge. U: Medicine. SO: Common. RS: KKI-1120 (DACB).

Family: **Mimosaceae**

Acacia mangium Willd., Sp. Pl. ed. 4, 4: 1053. 1806. *Mangium montanum* Rumph., in Amb. 3: 81. 1750. H: Tree. LN: Mangium. Fl. & fr.: May-February. E: Roadside. U: Timber. SO: Common. RS: KKI-3662 (DACB).

Acacia pennata (L.) Willd., Sp. Pl. 4: 1090. 1806. *Mimosa pennata* L., Sp. Pl. 1: 522. 1753. H: Scandens shrub. LN: Bora lata, Kuchui. Fl. & fr.: May-February. E: Hill slope. SO: Rare. RS: KKI-3127 (DACB).

Acacia auriculiformis Benth., London J. Bot. 1: 377. 1842. H: Tree. LN: Akashmoni. Fl. & fr.: June-February. E: Planted. U: Timber. SO: Common. RS: BK-258 (DACB).

Albizia lebbeck (L.) Benth., London J. Bot. 3: 87. 1844. *Mimosa lebbeck* L., Sp. Pl.: 516. 1753. H: Tree. LN: Kala-koroi, Sirish. Fl. & fr.: April-December. E: Roadside. U: Timber. SO: Common. RS: KKI-996 (DACB).

Albizia sp. H: Tree. E: Hill slope. U: Timber. SO: Occasional. RS: KKI-3136 (DACB).

Albizia lucidior (Steud.) I.C.Nielsen, Fl. Pl. Nepal 2: 104. 1979. H: Tree. LN: Motor koroi, Mocha. Fl. & fr.: April-October. E: Roadside. U: Timber. SO: Common. RS: KKI-1005 (DACB).

Albizia procera (Roxb.) Benth., London J. Bot. 3: 89. 1844. H: Tree. LN: Sil koroi, Sada koroi. Fl. & fr.: April-October. E: Deep forest. U: Timber. SO: Common. RS: KKI-3564 (DACB).

Albizia saman (Jacq.) Merr., *Samanea saman* (Jacq.) Merr., J. Wash. Acad. Sci. 6: 47. 1916. H: Tree. LN: Randi koroi, Ful koroi. Fl. & fr.: April-October. E: Roadside. U: Timber. SO: Common. RS: IH-3451 (DACB).

Archidendron clypearia (Jack) I.C.Nielsen, Adans. Ser. 2, 19: 15. 1979. H: Small tree. LN: Kuramara. Fl. & fr.: February-April. E: Hill top. SO: Rare. RS: KKI-3285 (DACB).

Calliandra haematocephala Hassk., Retzia 1: 216-219. 1855. H: Spreading shrub. LN: Power puff. Fl. & fr.: October-December. E: Homesteads. U: Ornamental. SO: Occasional. RS: KKI-1682 (DACB).

Calliandra umbrosa (Wall.) Benth., Gen. Pl. 1: 597. 1865. H: Tree. LN: Chotto Betmara. Fl. & fr.: June-February. U: Fire wood. SO: Occasional. RS: KKI-3980 (DACB).

Entada rheedii Spreng., Syst. Veg. 2: 325. 1825. *Mimosa entada* L., Sp. Pl. 1: 518. 1753. H: Woody climber. LN: Gila. Fl. & fr.: March-August. E: Deep forest. U: Poison, Tailor, Medicine. SO: Common. RS: KKI-3669 (DACB).

Leucaena leucocephala (Lam.) de Wit, Taxon 10(2): 54. 1961. H: Tree. LN: Epil-epil. Fl. & fr.: March-December. E: Homesteads. U: Cattle fodder. SO: Planted. RS: KKI-3981 (DACB).

Mimosa diplotricha C.Wright, Anales Acad. Ci. Méd. Fís. Nat. Habana 5: 405-406. H: Herb. LN: Sada lajjabati. Fl. & fr.: Throughout the year. U: Medicine, Soil Binder. E: Roadside. SO: Common. RS: KKI-3398 (DACB).

Mimosa pudica L., Sp. Pl. 1: 518. 1753. *Mimosa aspirata* Blanco 1837. H: Under shrub. LN: Lal lajjabati. Fl. & fr.: Throughout the year. U: Medicine, Soil Binder. E: Roadside. SO: Common. RS: KKI-769 (DACB).

Parkia timoriana (DC.) Merr., Philippine J. Sci. Bot. 5: 33. 1910. *Inga timoriana* DC. 1825. H: Tree. LN: Kuki tetui. Fl. & fr.: November-February. E: Homestead. U: Vegetable. SO: Very rare. RS: KKI-827 (DACB).

Xylia xylocarpa Taub., Bot. Centralbl. 47: 395. H: Tree. LN: Loha kat. Fl. & fr.: March-February. E: Roadside. U: Timber. SO: Occasional. RS: IH-2364 (DACB).

Family: **Caesalpiniaceae**

Bauhinia acuminata L. Sp. Pl. 1: 376. 1753. H: Shrub. LN: Sada kanchan. Fl. & fr.: May-July. E: Hill top. U: Ornamental. SO: Common. RS: KKI-1692 (DACB).

Bauhinia scandens L., Sp. Pl. 1: 374. 1753. H: Woody climber. LN: Banor seri, Nagpat. Fl. & fr.: June-January. E: Deep forest. SO: Occasional. RS: KKI-3507 (DACB).

Caesalpinia cucullata Roxb., Fl. Ind. 2: 358. 1832. H: Scandent shrub. LN: Bogaserra kanta. Fl. & fr.: January-March. U: Firewood. SO: Occasional. RS: IH-4321 (DACB).

Caesalpinia hymenocarpa Wall, Numer. List 5832. 1831. H: Climbing shrub. Fl. & fr.: July-February. E: Scrub jungle. U: Firewood. SO: Occasional. RS: BK-321 (DACB).

Delonix regia (Hook.) Raf., Fl. Tellur. 2: 92. 1836. H: Tree. Fl. & fr.: April-September. E: Roadside. U: Ornamental. SO: Common. RS: BK-987 (DACB).

Saraca asoca (Roxb.) Willd, Blumea 15: 393. 1968. H: Tree. Fl. & fr.: February-September. E: Near stream. U: Ornamental. SO: Common. RS: KKI-3535 (DACB).

Senna alata (L.) Roxb., Fl. Ind. 2: 349. 1832. *Cassia alata* L., Sp. Pl. 1: 378. 1753. H: Shrub. LN: Dadmardon. Fl. & fr.: September-January. E: Waste and Fallow land. U: Medicine. SO: Occasional. RS: KKI-1702 (DACB).

Senna hirsuta (L.) H.S.Irwin & Barneby, Phytologia 44(7): 499. 1979. *Cassia hirsuta* L. 1753. H: Herb. LN: Thomocha. Fl. & fr.: August-February. E: Fallow land, Waste land. U: Medicine. SO: Common. RS: KKI-1058 (DACB).

Senna siamea (Lam.) Irwin & Barneby, Mem. N.Y. Bot. Gard. 35: 98. 1982. H: Tree. LN: Minjiri. Fl. & fr.: Throughout the year. E: Roadside. U: Ornamental. SO: Common. RS: KKI-3523 (DACB).

Senna sophera (L.) Roxb., Fl. Ind. 2: 347. 1832. *Cassia sophera* L., Sp. Pl. 1: 379. 1753. H: Shrub. LN: Kolkasunda. Fl. & fr.: September-July. E: Waste land. U: Medicine. SO: Occasional. RS: IH-1871 (DACB).

Senna occidentalis (L.) Link, Hand. 2: 140. 1829. H: Herb. LN: Thomocha. Fl. & fr.: May-October. E: Fallow land, Waste land. U: Weed. SO: Occasional. RS: IH-2134 (DACB).

Tamarindus indica L., Sp. Pl. 1: 34. 1753. H: Tree. LN: Tetul. Fl. & fr.: April-December. U: Fruit. SO: Very common. RS: BK-3421 (DACB).

Family: **Fabaceae**

Abrus precatorius L., Syst. Nat. ed. 12, 2: 472. 1767. H: Climber. LN: Kunch. Fl. & fr.: July-September. E: Hilly forest. U: Medicine. SO: Occasional. RS: KKI-2809 & 3435 (DACB).

Aeschynomene americana L., Sp. Pl.: 713. 1753. H: Small shrub. LN: Choto sheblata. Fl. & fr.: September-December. E: Roadside. U: SO: Common. RS: KKI-1004 (DACB).

Aeschynomene indica L., Sp. Pl.: 713. 1753. H: Under shrub. LN: Bathshola. Fl. & fr.: July-September. E: Marshy land. U: Fishing net, Charcoal. SO: Rare. RS: KKI-1759 (DACB).

Arachis hypogaea L., Sp. Pl. 2: 741. 1753. H: Herb. LN: Cheena badum. Fl. & fr.: March-December. E: River bank. U: Oil, Fruit. SO: Very common. RS: KKI-891 (DACB).

Butea monosperma (Lam.) Taub., Nat. Pflanzenfam. 3(3): 366. 131. 1894. H: Tree. LN: Polash. Fl. & fr.: February-April. E: Roadside. U: Ornamental. SO: Occasional. RS: IH-3216 (DACB).

Cajanus cajan (L.) Huth., Helios 11(8): 133. 1853. H: Shrub. LN: Arhar. Fl. & fr.: December-April. E: Homesteads. U: Pulse. SO: Common. RS: KKI-862 (DACB).

Cajanus scarabaeoides (L.) Thouars, Dict. Sci. Nat. ed. 2, 6: 617. 1817. H: Twining climber. LN: Banur kalai. Fl. & fr.: May-December. E: Hill slope. U: Cattle fodder. SO: Occasional. RS: KKI-1536, 3399 & 1101 (DACB).

Callerya cinerea (Benth.) Schot, Blumea 39(1-2): 17.1994. H: Woody climber. LN: Nera milati. Fl. & fr.: November-February. E: Hill slope. SO: Rare. RS: KKI-3010 (DACB).

Calopogonium mucunoides Desv., Ann. Sci. Nat. Paris 9: 423. 1826. H: Climber. LN: Calopogo. Fl. & fr.: September-January. E: Hill slope, Roadside. U: Cattle fodder. SO: Common. RS: KKI-1654 (DACB).

Canavalia gladiata (Jacq.) DC., Prodr. 2: 404. 1825. H: Climber. LN: Mou shim. Fl. & fr.: December-March. E: Homesteads. U: Vegetable. SO: Cultivated. RS: KKI-3252 (DACB).

Clitoria ternatea L., Sp. Pl.: 753. 1753. H: Twining herb. LN: Aparagita. Fl. & fr.: June-March. E: Hilly area. U: Ornamental. SO: Common. RS: KKI-959 (DACB).

Codariocalyx gyroides (Link) Hassk., Flora 25(2. Beibl. 4): 49. 1842. *Desmodium gyroides* (Roxb. ex Link) DC., Prodr. 2: 326. 1825. H: Shrub. Fl. & fr.: August-January. E: Roadside. SO: Common. RS: KKI-1734 (DACB).

Crotalaria acicularis Benth. in Hook.f., London J. Bot. 2: 476. 1843. H: Herb. LN: Kata jhunjhuni. Fl. & fr.: October-January. E: Roadside. SO: Occasional. RS: KKI-3405 (DACB).

Crotalaria dubia Grah. ex Benth., Lond. J. Bot. 2: 568. 1843. H: Herb. Fl. & fr.: November-January. E: Roadside. SO: Rare. RS: KKI-3550, 3383 (DACB).

Crotalaria juncea L., Sp. Pl. 2: 714. 1753. H: Shrub. LN: Sunn hemp. Fl. & fr.: February-May. E: Homesteads. U: Green manure. SO: Common. RS: KKI-874 & 1705 (DACB).

Crotalaria mysorensis Roth, Nov. Pl. Sp.: 338. 1821. H: Herb. LN: Mahishiri jhunijhuni. Fl. & fr.: August-January. E: Roadside, Hill slope. U: Weed. SO: Very rare. RS: KKI-1737 (DACB).

Crotalaria pallida Aiton, Hort. Kew. 3: 20. 1789. H: Herb. LN: Jhun-jhuni. Fl. & fr.: May-December. E: Roadside. U: Fibre. SO: Common. RS: KKI-953 (DACB).

Crotalaria prostrata Rottler *ex* Willd., Enum. Hort. Berol. Pl. 2: 747. 1809. H: Herb. LN: Joljolia. Fl. & fr.: October-March. E: Hill slope. SO: Occasional. RS: KKI-1624 (DACB).

Crotalaria spectabilis Roth, Nov. Pl. Sp.: 341. 1821. H: Under shrub. LN: Pipli-jhunjun. Fl. & fr.: August-February. E: Hill slope. U: Cattle fodder. SO: Occasional. RS: KKI-1737 (DACB).

Crotalaria acicularis Buch.-Ham. *ex* Benth, London J. Bot. 2: 476. 1843. H: Herb. LN: Kata jhunjhuni. Fl. & fr.: October-January. E: Grass land. U: Ornamental. SO: Rare. RS: KKI-999 (DACB).

Crotalaria verrucosa L., Sp. Pl. 2: 715. 1753. H: Herb. LN: Bansan, Jhanjhana. Fl. & fr.: May-December. E: River bank, Roadside. U: Medicine. SO: Occasional. RS: KKI-1535 (DACB).

Dalbergia rimosa Roxb., in Fl. Ind. (ed. Carey) 3: 23. 1832. H: Small tree. LN: Gojai lata. Fl. & fr.: March-December. E: Valley of hill. U: Tool handle. SO: Rare. RS: KKI-3139 (DACB).

Dalbergia volubilis Roxb., Pl. Coromandel 2: 48. 191. 1805. H: Woody pendular. LN: Ankilata. Fl. & fr.: December-June. E: Hill slope. SO: Occasional. RS: KKI-747, 3472 & 1048 (DACB).

Dalbergia confertiflora Benth., pl. jungh. 2: 255. 1852. H: Woody climber. Fl. & fr.: February-March. E: Hill slope. SO: Rare. RS: BK-632 (DACB).

Dalbergia lanceolaria L.f., Sppl. Pl. Syst. Veg.: 316. 1782. H: Tree. LN: Jhujhuna koroi. Fl. & fr.: November-May. E: Roadside. SO: Very rare. RS: KKI-2811 (DACB).

Dalbergia sissoo Roxb., Fl. Ind. 3: 223. 1832. H: Tree. LN: Sissoo gachh. Fl. & fr.: March-June. E: Roadside. U: Timber. SO: Very common. RS: KKI-1124 (DACB).

Dalbergia stipulacea Roxb., Fl. Ind. 3: 233. 1814. *Dalbergia ferruginea* Roxb. 1832. H: Erect shrub. LN: Dadbari. Fl. & fr.: January-March. E: In forest. SO: Rare. RS: KKI-1742 (DACB).

Derris robusta (Roxb. *ex* DC.) Benth., J. Proc. Linn. Soc., Bot. 4(Suppl.): 104. 1860. H: Tree. LN: Dumurjja. Fl. & fr.: December-June. E: Roadside. U: Timber. SO: Occasional. RS: KKI-949 (DACB).

Derris scandens (Aubl.) Pittier, Contr. U.S. Natl. Herb. 20(2): 41. 1917. H: Climber. LN: Kali lata, Noa lata. Fl. & fr.: July-December. E: Deep forest in stream side. SO: Occasional. RS: KKI-2826 (DACB).

Derris trifoliata Lour., Fl. Cochinch.: 433. 1790. H: Scandent climber. LN: Guala-lata, Pan-lata. Fl. & fr.: March-June. E: Hill forest. SO: Occasional. RS: KKI- (DACB).

Desmodium laxiflorum DC., Ann. Sci. Nat. Paris 4: 100. 1825. H: Under shrub. LN: Laximodi. Fl. & fr.: August-December. E: Hill slope. SO: Common. RS: KKI-757 & 3443 (DACB).

Desmodium triquetrum (L.) DC., Prodr. 2: 326. 1825. H: Shrub. Fl. & fr.: July-March. E: Hill slope. SO: Common. RS: KKI-795, 774 (DACB).

Desmodium gangeticum (L.) DC., Prodr. 2: 327. 1825. H: Subshrub. LN: Salpani. Fl. & fr.: April-November. E: Roadside. U: Medicine. SO: Common. RS: KKI-1584 (DACB).

Dysolobium grande (Benth.) Prain, J. Asiat. Soc. Bengal, 2, Nat. Hist. 66: 427. 1897. *Phaseolus grandis* Benth. H: Woody climber. LN: Bahhar kakua. Fl. & fr.: June-March. E: Streams. SO: Common. RS: KKI-2975 (DACB).

Erythrina variegata L., Herb. Amboin. 10. 1754. *Erythrina indica* Lam., Encycl. 2: 391. 1786. H: Tree. LN: Mander. Fl. & fr.: February-may. E: Village thicket. U: Ornamental. SO: Occasional. RS: KKI-3480 (DACB).

Flemingia macrophylla (Willd.) Merr., Philipp. J. Sci. 5(2): 130. 1910. H: Shrub. LN: Bara salphan. Fl. & fr.: January-March. E: Plain land. U: Medicine. SO: Common. RS: KKI-768 & 3534 (DACB).

Flemingia fluminalis C.B.Clarke ex Prain, J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 66(2): 438 1897 H: Shrub. Fl. & fr.: January-March. E: River bank. U: Medicine. SO: Rare. RS: KKI-3330. 3330a & 2824 (DACB).

Flemingia strobilifera (L.) W.T.Aiton, Hortus Kew. (ed. 2) 4: 349-350. 1812. H: Shrub. LN: Sim Busak. Fl. & fr.: October-February. E: Arid land. SO: Common. RS: KKI-752 (DACB).

Lablab purpureus (L.) Sweet, Hort. Brit. 2: 481. 1826. H: Climber. LN: Sheem, Urshi. Fl. & fr.: November-March. E: Homesteads. U: Vegetable. SO: Very common. RS: KKI-782 (DACB).

Millettia caerulea Baker in Hook.f, Fl. Brit. Ind. 2: 107. 1876. H: Woody climber. LN: Neea milati. Fl. & fr.: August-January. E: Hill slope. SO: Rare. RS: KKI- (DACB).

Millettia peguensis Ali., Kew Bull. 21(3): 489-490. 1968. H: Tree. LN: Moni mala phul. Fl. & fr.: November-February. E: Hill slope. SO: Rare. RS: KKI-963 (DACB).

Mucuna bracteata DC., J. Asiat. Soc. Beng. 42: 23. 1873. H: Climber. LN: Wakmi. Fl. & fr.: January-May. E: Roadside. U: Medicine. SO: Common. RS: IH-4321 (DACB).

Mucuna monosperma DC. *ex* Wight, Prodr.: 406. 1825. H: Climber. LN: Nata al-Kushi. Fl. & fr.: Throughout the year. E: Near stream. U: Poisonous. SO: Rare. RS: BK-543 (DACB).

Mucuna pruriens (L.) DC., Prodr. 2: 405. 1825. *Dolichos pruriens* L. 1754. H: Climber. LN: Bilai sungi, Al-Kushi. Fl. & fr.: October-March. E: Roadside. U: Medicine. SO: Common. RS: KKI-3149 (DACB).

Pachyrhizus erosus (L.) Urb., Symb. Antill. 4: 311. 1905. *Dolichos erosus* L., Sp. Pl. 2: 726. 1753. H: Climbing herb. LN: Shak-alu, Kesur alo. Fl. & fr.: October-January. E: Hill slope. U: Vegetable. SO: Cultivated. RS: KKI-1695 (DACB).

Phaseolus vulgaris L., Sp. Pl. 1: 723. 1753. H: Herb. LN: Farash bean. Fl. & fr.: November-March. U: Vegetable. SO: Cultivated. RS: IH-3077 (DACB).

Phyllodium pulchellum (L.) Desv. 1813. *Desmodium pulchellum* (L.) Benth., Fl. Hongk.: 83. 1861. H: Shrub. LN: Jatsalpani. Fl. & fr.: February-March. E: Hill slope. SO: Occasional. RS: KKI-1061(DACB).

Psophocarpus tetragonolobus (L.) DC., Prodr. 2: 403. 1825. H: Climber (twining). LN: Korola shim, Kamranga shim. Fl. & fr.: December-March. U: Vegetable. SO: Cultivated. RS: KKI-3348 (DACB).

Pueraria candollei Benth. in Miq., Pl. Jungh.: 235. 1852. H: Climber (twining). LN: Candoli kuch. Fl. & fr.: November-January. E: Hill forest. SO: Very rare. RS: KKI-3142 (DACB).

Pueraria tuberosa (Willd.) DC., Ann. Sci. Nat. 4: 97. 1825. H: Climber (twining). LN: Gula kunch. Fl. & fr.: December-April. E: Roadside, Village thickets. U: Elephant fodder. SO: Common. RS: KKI-1706, 896 (DACB).

Pueraria phaseoloides (Roxb.) Benth., J. Linn. Soc., Bot. 9: 125. 1867. H: Woody climber. Fl. & fr.: November-March. E: Hill slope. SO: Rare. RS: KKI-1561, 1729 (DACB).

Rhynchosia minima (L.) DC., Prodr. 2: 385. 1825. *Dolichos minimus* L., Sp. Pl. 2: 726. 1753. H: Climber (twining). LN: Minibhatraji. Fl. & fr.: April-September. E: Hill slope, Roadside. SO: Rare. RS: KKI-3503 (DACB).

Sesbania grandiflora (L.) Poir. In Lamk., Encycl. Met. 7: 127. 1806. H: Small tree. LN: Bokphul. Fl. & fr.: October-February. E: Homesteads U: Vegetable. SO: Planted. RS: BK-641 (DACB).

Spatholobus acuminatus Benth. Pl. Jungh. 2: 238. 1852. H: Woody climber. LN: Palashya lata. Fl. & fr.: August-December. E: In forest. SO: Common. RS: BK-655 (DACB).

Spatholobus parviflorus (Roxb.) Kuntze, Revis. Gen. Pl. 1: 205. 1891. H: Woody climber. LN: Goalia lata, Sal lata, Pan lata. Fl. & fr.: September-March. E: Hill slope, Roadside. SO: Common. RS: KKI-909 & 3418 (DACB).

Tadehagi triquetrum (L.) H.Ohashi, Ginkgoana 1: 290. 1973. *Desmodium triquetrum* (L.) DC., Prodr. 2: 326. 1825. H: Shrub. Fl. & fr.: July-March. SO: Common. RS: KKI-795 (DACB).

Tephrosia purpurea (L.) Pers., Syn. Pl. 2(2): 329. 1807. H: Shrub. LN: Bon neel. Fl. & fr.: September-March. E: Roadside, Forest. U: Medicine. SO: Common. RS: KKI-1746 (DACB).

Teramnus labialis (L.f.) Spreng., Syst. Veg. 3: 235. 1826. H: Climber. LN: Mashani. Fl. & fr.: March-July. E: Roadside. SO: Occasional. RS: KKI-931 (DACB).

Uraria crinita (L.) DC., Prodr. 2: 324. 1825. H: Shrub. LN: Diangleja. Fl. & fr.: October-February. E: Forest. U: Fish killing. SO: Occasional. RS: KKI-766 & 1650 (DACB).

Vigna unguiculata (L.) Walp. Repert. Bot. Sys. 1: 779. 1842. H: Climber. LN: Deshi-borboti. Fl. & fr.: Throughout the year. U: Vegetable. SO: Cultivated. RS: KKI-1717 (DACB).

Vigna vexillata (L.) A.Rich., Hist. Fis. Polit. Nat. 1, Cuba 10: 191. 1845. *Phaseolus vexillata* L., Sp. Pl.: 1017. 1753. H: Climber. LN: Latshim. Fl. & fr.: September-December. E: Sandy soil. U: Pulse, Tuber. SO: Rare. RS: KKI-1708 (DACB).

Vigna pilosa (Klein ex Willd.) Baker, Fl. Brit. Ind. 2(4): 207. 1876. H: Herb. LN: Jikhrai. Fl. & fr.: November-March. E: Hill slope, Roadside. SO: Rare. RS: KKI-1708 (DACB).

Family: **Proteaceae**

Helicia excelsa (Roxb.) Blume, Ann. Sci. Nat., Bot. 1: 219. 1834. *Alseodaphne crassipes* Hook.f., Fl. Brit. Ind. 5: 146. 1886. H: Tree. LN: Baka pakan. Fl. & fr.: February-April. E: Hill top. SO: Very rare. RS: KKI-3629 (DACB).

Family: **Sonneratiaceae**

Duabanga grandiflora (Roxb. ex DC.) Walp., Rep. 2: 114. 1843. H: Tree. LN: Bandarhola, Ramdala. Fl. & fr.: February-June. E: Near stream. U: Timber. SO: Common. RS: IH-3254 (DACB).

Family: **Lythraceae**

Ammania baccifera L., Sp. Pl. 1: 120. 1753. H: Herb. LN: Acid gachh, Janlimendi. Fl. & fr.: April-September. E: Wet place, River bank. U: Medicine. SO: Occasional. RS: KKI-2042 (DACB).

Ammannia multiflora Roxb., Fl. Ind. 1: 447. 1820. H: Herb. LN: Joy wood. Fl. & fr.: July-September. E: River bank. U: Ornamental. SO: Rare. RS: KKI-950 (DACB).

Cuphea hyssopifolia Kunth, Nov. Gen. Sp. 6: 199. 1824. H: Under shrub. LN: Panica phul. Fl. & fr.: Throughout the year. E: Homestead. SO: Planted. RS: IH-2679 (DACB).

Lagerstroemia macrocarpa Wall., Cat. no. 2114. 1831. H: Tree. LN: Betua Jarul. Fl. & fr.: June-November. E: Forest. U: Ornamental, Timber. SO: Occasional. RS: KKI-3246 (DACB).

Lagerstroemia speciosa (L.) Pers., Syn. Pl. 2: 72. 1806. H: Tree. LN: Jarul. Fl. & fr.: April-July. E: Forest. U: Ornamental, Timber. SO: Common. RS: KKI-3479 (DACB).

Woodfordia fruticosa (L.) Kurz, J. Asiat. Soc. Bengal, 2, Nat. Hist. 40 (2): 56. 1871. H: Small tree. LN: Dhatriphul. Fl. & fr.: January-May. E: Hill top & slope. U: Ornamental, Medicine. SO: Common. RS: KKI-2840 (DACB).

Family: **Thymeliaceae**

Linostoma decandrum Wall. in Hook.f., Fl. Brit. Ind. 5: 198. 1886. H: Woody climber. LN: Herenda. Fl. & fr.: November-January. E: Forest. SO: Rare. RS: KKI-3192 (DACB).

Family: **Myrtaceae**

Psidium guajava L., Sp. Pl. 1: 470. 1753. H: Small tree. LN: Peyara. Fl. & fr.: Throughout the year. E: Homestead. U: Fruit. SO: Planted. RS: H-3170 (DACB).

Syzygium jambos (L.) Alston in Trimen, Handb. Fl. Ceylon 6: 115. 1931. H: Small tree. LN: Golap jam. Fl. & fr.: March-June. E: Hill. U: Fruit. SO: Occasional. RS: KKI-2884 (DACB).

Syzygium megacarpum (Craib) Rathakr. & N. Nair, J. Econ. Taxon. Bot. 4: 287. 1983. H: Tree. LN: Chalta jam. Fl. & fr.: March-August. E: Near stream. U: Timber. SO: Occasional. RS: KKI-2936 (DACB).

Syzygium cumini (L.) Skeels, Bull. Bur. Pl. Industr. U.S.D.A. 248: 25. 1912. H: Tree. LN: Jam. Fl. & fr.: March-June. E: Roadside. U: Timber, Fruit. SO: Planted. RS: KKI-2903 & 1050 (DACB).

Family: **Onagraceae**

Ludwigia adscendens (L.) H.Hara, J. Jap. Bot. 28: 291. 1953. H: Floating herb. LN: Keshordam. Fl. & fr.: March-December. E: Marshy ditches. U: Medicine. SO: Common. RS: KKI-3678 (DACB).

Ludwigia hyssopifolia (G.Don) Exell, Garcia de Orta 5: 471. 1957. H: Herb. LN: Pani long. Fl. & fr.: January-December. E: Marshy ditches. SO: Common. RS: KKI-2838 (DACB).

Ludwigia prostrata Roxb., Fl. Ind. 1: 441. 1820. H: Herb. LN: Taikosa. Fl. & fr.: January-October. E: Moist field. U: Cattle fodder. SO: Common. RS: KKI-945 (DACB).

Ludwigia perennis L., Sp. Pl. 119. 1753. *Ludwigia parviflora* Roxb., Fl. Ind. 1: 440. 1820. H: Herb. LN: Amorkura. Fl. & fr.: February-December. E: Wet places. U: Weed. SO: Common. RS: KKI-3668 (DACB).

Family: **Melastomataceae**

Melastoma malabathricum L., Sp. Pl. 1: 390. 1753. H: Shrub. LN: Datranga, Tejbohol. Fl. & fr.: Throughout the year. E: Roadside, Waste land, U: Medicine, Ornamental. SO: Common. RS: KKI-1117 (DACB).

Osbeckia aspericaulis Hook.f. ex Triana, Trans. Linn. Soc. London 28 (1): 55. 1872. H: Shrub. LN: Kulagachi. Fl. & fr.: May-October. E: Hill slope. SO: Rare. KKI-1664 (DACB).

Oxyspora cernua Hook.f. & Thoms ex Triana, Trans. Linn. Soc. London 28: 73. 1871. H: Shrub. LN: Chokha. Fl. & fr.: October-March. E: Hill slope. U: Ornamental. SO: Occasional. RS: KKI-823, 1664 & 2798 (DACB).

Family: **Combretaceae**

Anogeissus acuminata (Roxb. ex DC.) Wall. ex Guillem. & Perr., Fl. Seneg. Tent. 280. 1832. H: Tree. LN: Itchri. Fl. & fr.: February-April. E: Hill top. U: Timber. SO: Common. RS: KKI-1064 (DACB).

Combretum acuminatum Roxb., Fl. Ind. ed. 2: 228. 1832. H: Woody climber. LN: Sada guaicha. Fl. & fr.: January-July. E: Hill slope. U: Fire wood. SO: Occasional. RS: KKI-776 & 3420 (DACB).

Combretum griffithii Heurck & Muell.-Arg., Obs. Bot.: 231. 1870. H: Scandent shrub. LN: Guicha. Fl. & fr.: February-January. E: Hill slope. SO: Rare. RS: KKI-1669 (DACB).

Combretum ternatum (Wall. ex Clarke) O. Lecompte, Fl. Com. Laos Viet. 10: 49. 1969. H: Scandent shrub. LN: Guicha. Fl. & fr.: August-February. E: Hill slope. U: Medicine. SO: Rare. RS: KKI-1669, 1669a (DACB).

Getonia floribunda Roxb., Pl. Coromandel 1: 61. 1795. *Calycopteris floribunda* (Roxb.) Lam. ex Poir. Encycl. Suppl. 2: 41. 1811. H: Scandent shrub. LN: Guicha lata. Fl. & fr.: January-April. E: Hill slope. U: Binding of baskets. SO: Planted. RS: KKI-1116 (DACB).

Terminalia arjuna (Roxb. ex DC.) Wight & Arn., Prodr. Fl. Ind. Orient. 314. 1834. H: Tree. LN: Arjun, Kahu. Fl. & fr.: April-October. E: Road side U: Medicine: SO: Planted. RS: BK-96 (DACB)

Terminalia catappa L., Mant. Pl. 128. 1767. H: Tree. LN: Katbadam. Fl. & fr.: March-December. E: Roadside. U: Fruit: SO: Planted. RS: IH-2310 (DACB).

Terminalia bellirica (Gaertn.) Roxb., Pl. Coromandel 2: 54. 1805. H: Tree. LN: Bohera. Fl. & fr.: March-December. E: Roadside U: Medicine: SO: Planted. RS: KKI-3219 (DACB).

Terminalia chebula Retz., Observ. Bot. 5: 31. 1788. H: Tree. LN: Haritoki. Fl. & fr.: April-October. E: Homestreads. U: Medicine: SO: Planted. RS: BK-87 (DACB).

Family: **Rhizophoraceae**

Carallia brachiata (Lour.) Merr., Philipp. J. Sci. 15 : 249. 1919. *Carallia confinis* Blume. Mus. Bot. 1 : 129. 1850. H: Tree. LN: Roskao, Lotkao. Fl. & fr.: January-May. E: Moist shady area. U: Timber. SO: Rare. RS: KKI-3577, 3297 (DACB).

Family: **Alangiaceae**

Alangium barbatum (R.Br. ex C.B. Clarke) Baill. ex Kuntze, Revis. Gen. Pl. 1: 273. 1891. H: Small tree. LN: Aimabatm. Fl. & fr.: June-February. E: In forest. SO: Rare. RS: KKI-3528 (DACB).

Alangium chinense (Lour.) Harms, Ber. Deutsch. Bot. Ges. 15: 24. 1897. H: Small tree. LN: Marlia. Fl. & fr.: April-October. E: Hill forest. SO: Rare. RS: KKI-3528 (DACB).

Family: **Olacaceae**

Erythralium scandens Blume, Bijdr.: 922. 1826. H: Climber. LN: Palamkar. Fl. & fr.: August-March. E: Hill slope. SO: Rare. RS: KKI-3461 (DACB).

Olx acuminata Wall. ex Benth., Proc. Linn. Soc. Lond. 1: 89. 1840. H: Shrub. Fl. & fr.: March-September. E: In forest along stream. SO: Rare. RS: BK-76 (DACB).



Licuala peltata



Maclura fruticosa



Mammea nervosa



Melodinus cochinchinensis



Olea dioica



Onychium siliculosum



Pteris biaurita



Rhinacanthus calcaratus



Rotula aquatica

Family: **Loranthaceae**

Dendrophthoe falcata (L.f.) Ettingsh, Denkschr. Kaiserl. Akad. Wiss., Wien. Math.-Naturwiss. Kl. 32: 52. 1872. H: Parasite. LN: Phorolla, Porsal. Fl. & fr.: Throughout the year. E: Semi-parasite. SO: Occasional. RS: KKI-829 (DACB).

Helixanthera parasitica Lour., Fl. Cochinchin. 1:142. 1790. H: Parasite. LN: Porgachha. Fl. & fr.: February-May. E: Parasite. U: Ornamental. SO: Rare. RS: KKI-2851 (DACB).

Scurrula gracilifolia (Roxb. ex Schult.) Danser, Blumea 2(2): 47. 1936. H: Parasite. LN: Phorolla. Fl. & fr.: November-March. E: Branches of forest tree. SO: Rare. RS: KKI-1701, 3325 (DACB).

Family: **Celastraceae**

Euonymus glaber Roxb., Fl. Ind. 2: 403. 1824. *Euonymus carinatus* Craib, Bull. Misc. Inform. Kew 347. 1926. H: Small tree. Fl. & fr.: October-April. E: Hill slope along stream. U: Timber. SO: Rare. RS: KKI-2860 (DACB).

Family: **Icacinaceae**

Gomphandra tetrandra (Wall.) Sleumer, Notizbl. Bot. Gart. Berlin-Dahlem. 15: 238. 1940. H: Shrub. LN: Sada angur. Fl. & fr.: Throughout the year. E: Hill slope along stream. SO: Occasional. RS: KKI-2888 (DACB).

Natsiatum herpeticum Buch.-Ham. ex Arn., Edinb. New Philos. J. 16: 314. 1834. H: Climber. LN: Sada angur. Fl. & fr.: December-February. E: Hill slope along stream. SO: Rare. RS: KKI-447 (DACB).

Family: **Cardiopteridaceae**

Cardiopteris quinqueloba (Hassk.) Hassk., Retzia 1: 64. 1855. H: Climber (twining). LN: Chapta lata. Fl. & fr.: August-January. E: Forest edge. U: Vegetable. SO: Rare. RS: KKI-1745, 3266 (DACB).

Family: **Dichapetalaceae**

Dichapetalum geloniodes (Roxb.) Engl. in Engl. & Prantl, Pflanzenfam. 3, 4: 348. 1896. H: Small tree. LN: Moacurra. Fl. & fr.: June-December. E: Hill top. SO: Rare. RS: KKI-2981 & 2878 (DACB).

Family: **Euphorbiaceae**

Actephila excelsa (Dalzell) Müll.Arg., *Linnaea* 32: 78. 1863. H: Shrub. LN: Chupra. Fl. & fr.: January-December. E: Hill slope. SO: Rare. RS: KKI-3146 (DACB).

Antidesma montanum var. **salicinum** (Ridl.) Petra hoffm., *Kew Bull.* 54. 359. 1999. *Antidesma salicinum* Ridl. (1924). H: Shrub. Fl. & fr.: April-July. E: Hill slope near stream. SO: Rare. RS: KKI-2885 & 2882 (DACB).

Antidesma velutinoseum Blume, *Bijdr. Fl. Ned. Ind.* 1125. 1826. *Antidesma roxburghii* Wall. ex Tul., *Ann. Sci. Nat. Bot.*, ser. 3. 15: 234. 1851. H: Shrub. Fl. & fr.: Throughout the year. E: In forest. SO: Occasional. RS: KKI-3342 (DACB).

Antidesma acidum Retz., *Observ. Bot.* 5: 30 1788. H: Shrub. LN: Chutki. Fl. & fr.: March-January. E: In forest, scrubs. SO: Common. RS: KKI-844 (DACB).

Antidesma bunius (L.) Spreng., *Syst. Veg.* 1: 826. 1824. H: Shrub. LN: Elena. Fl. & fr.: March-January. E: Moist forest. SO: Common. RS: KKI-1572 (DACB).

Aporosa octandra (Buch.-Ham. ex D. Don) A.R. Vickery in *Enum. Fl. Pl. Nepal* 3: 193. 1982. *Aporosa roxburghii* (Wall. ex Lindl.) Baill., *Etude Euphorb.*: 645. 1858. H: Small tree. LN: Kokra. Fl. & fr.: October-February. E: In forest. SO: Common. RS: KKI-1121 (DACB).

Aporosa aurea Hook.f., *Fl. Brit. Ind.* 5: 351. 1887. H: Small tree. Fl. & fr.: October-February. E: In forest. SO: Common. RS: KKI-2899 (DACB).

Aporosa wallichii Hook.f., *Fl. Brit. Ind.* 5: 350. 1887. H: Tree. LN: Kokra. Fl. & fr.: December-May. E: In forest. SO: Occasional. RS: KKI-1527 & 1118 (DACB).

Baccurea ramiflora Lour., *Fl. Cochinch.* 661. 1790. H: Tree. LN: Latkan. Fl. & fr.: December-August. E: Hill slope. U: Fruit. SO: Common. RS: KKI-3516 (DACB).

Balakata baccata (Roxb.) Esser, *Blumea* 44: 155. 1999. *Sapium baccatum* Roxb., *Fl. Ind.* 3: 694. 1832. H: Tree. LN: Boloch, Billa. Fl. & fr.: April-October. E: In forest. U: Bird fodder, Fire wood. SO: Common. RS: BK-66 (DACB).

Bischofia javanica Blume, *Bijdr. Fl. Ned. Ind.*: 1168. 1827. H: Tree. LN: Kainjal badi. Fl. & fr.: January-October. E: In forest. U: Timber. SO: Common. RS: KKI-3451 (DACB).

Breynia retusa (Dennst.) Alston in *Ann. Roy. Bot. Gard. (Peradeniya)* 11: 204. 1929. H: Shrub. LN: Chitki. Fl. & fr.: April-September. E: Forest edge. SO: Common. RS: KKI-2920 (DACB).

Bridelia retusa (L.) A.Juss., *Euphorb. Gen.* 109. 7. 22. 1824. H: Shrub. LN: Akdana, Kata koi. Fl. & fr.: Throughout the year. E: Forest edge. SO: Common. RS: KKI-1011 (DACB).

Bridelia stipularis (L.) Blume, Bijdr. 597. 1826. H: Shrub. LN: Kolata, Horinhara. Fl. & fr.: September-April. U: Fruit. SO: Common. RS: KKI-1704 (DACB).

Bridelia verrucosa Haines, J. Bot. 59: 189. 1921. H: Shrub. Fl. & fr.: January-October. E: Along stream. U: Fruit. SO: Common. RS: KKI-1012 (DACB).

Croton bonplandianus Baill. in Adanson. 4: 339. 1864. H: Shrub. LN: Banlanka. Fl. & fr.: January-December. E: Wasteland. U: Medicine. SO: Common. RS: KKI-960 (DACB).

Croton lobatus L., Sp. Pl. 2: 1005. 1753. H: Shrub. LN: Tinpata bankhira. Fl. & fr.: July-February. E: Waste places. SO: Occasional. RS: KKI-3464 & 1021 (DACB).

Croton persimilis Müll.Arg., Linnaea 34: 116 1865. H: Small tree. LN: Chucka, Putri. Fl. & fr.: January-March. E: In forest. SO: Rare. RS: KKI-3484 (DACB).

Drypetes assamica (Hook.f) Pax & K. Hoffm. in Engl., Pflanzenr. IV. 147. 81: 241. 1922. H: Small tree. LN: Ban Bakul. Fl. & fr.: January- December. E: Hill slope near stream. SO: Very rare. RS: KKI-1630 (DACB).

Euphorbia hirta L., Sp. Pl. 1: 454. 1753. H: Herb. LN: Kerui, Bara dudhi. Fl. & fr.: Throughout the year. E: Waste land. U: Medicine. SO: Common. RS: KKI-861 (DACB).

Euphorbia prostrata Aiton, Hort. Kew. 2: 139. 1789. H: Herb. LN: Sijhori. Fl. & fr.: Throughout the year. E: Waste land. U: Medicine. SO: Common. RS: BK-99 (DACB).

Euphorbia thymifolia L., Sp. Pl. 454.1 753. H: Herb. LN: Dudhia. Fl. & fr.: January-July. E: Waste land. U: Medicine. SO: Occasional. RS: KKI-809 (DACB).

Falconeria insignis Royle, III, Bot. Himal. Mts. 354. 1839. *Sapium insigne* (Royle) Trimen, Cat. Pl. Ceylon 83 1885. H: Tree. LN: Surulia, Lotmel, Goma. Fl. & fr.: December-April. E: Hill top. U: Medicine. SO: Very rare. RS: KKI-3640 (DACB).

Flueggea virosa (Roxb. ex Willd.) Voigt, Hort. Suburb. Calcutta: 152. 1845. *Phyllanthus virosus* Roxb. ex Willd., Sp. Pl. 4: 578. 1805. H: Shrub. LN: Khauka, Shikori. Fl. & fr.: April-September. E: Scrub forest. SO: Occasional. RS: KKI-2796 (DACB).

Glochidion lanceolarium (Roxb.) Voigt, Hort. Suburb. Cal.: 153. 1845. H: Small tree. LN: Bhauri. Fl. & fr.: September-April. E: In forest. SO: Common. RS: KKI-1096 (DACB).

Glochidion sphaerogynum (Mull.-Arg.) Kurz, For. Fl. Burma 2: 346. 1877. H: Small tree. LN: Kaimula. Fl. & fr.: January-August. E: Hill top. SO: Rare. RS: KKI-3615 (DACB).

Homonoia riparia Lour., Fl. Cochinch. 637. 1790. H: Shrub. LN: Paina vedana. Fl. & fr.: December-Jun. E: Stream side. SO: Rare. RS: KKI-2885a (DACB).

Macaranga denticulata (Blume) Muell.-Arg, Prodr. 15(2): 1000. 1866. H: Tree. LN: Bura, Rata. Fl. & fr.: January-December. E: In forest. SO: Common. RS: KKI-2800 (DACB).

Macaranga indica Wight, Icon. Pl. Ind. Orient. 5. 1852. H: Tree. LN: Deshi bura. Fl. & fr.: April-December. E: Inforest. SO: Common. RS: KKI-3608 (DACB).

Macaranga peltata (Roxb.) Müll. Arg., Prodr. 15(2): 1010. 1866. H: Tree. LN: Pelta bura. Fl. & fr.: April-December. E: In forest. U: Firewood. SO: Common. RS: KKI-3431 (DACB).

Mallotus nudiflorus (L.) Kulju & Welzen, Blumea. 52: 124. 2007. *Trevis nudiflora* L., Sp. Pl.: 1193. 1763. H: Tree. LN: Meragota, Pitali, Deshi-gamar. Fl. & fr.: March-August. E: River bank. U: Medicine. SO: Common. RS: KKI-3552 (DACB).

Mallotus philippensis (Lam.) Muell.-Arg., Linnaea 34: 196. 1865. *Croton philippensis* Lam., Encycl. 2: 206. 1786. H: Tree. LN: Kamalaguli, Kamela, Sinduri. Fl. & fr.: Throughout the year. E: Waste place. U: Medicine. SO: Common. RS: KKI-3508 (DACB).

Mallotus repandus (Rottler ex Willd.) Muell.-Arg., Linnaea 34: 197. 1865. H: Shrub. LN: Akus. Fl. & fr.: January-June. E: In thickets. SO: Rare. RS: IH-2321 (DACB).

Mallotus tetracoccus (Roxb.) Kurz, For. Fl. Burma 2: 382. 1877. H: Small tree. LN: Kumaribura, Nimputeli. Fl. & fr.: April-December. E: Roadside. SO: Occasional. RS: KKI-2816 (DACB).

Manihot esculenta Crantz, Inst. Rei Herb. 1 : 167. 1766. H: Shrub. LN: Kasava. Shimul alu. Fl. & fr.: Throughout the year. E: Homestead. U: Medicine. SO: Cultivated. RS: KKI3-913 (DACB).

Phyllanthus niruri L., Sp. Pl.: 981. 1753. H: Herb. LN: Bhuiamla. Fl. & fr.: August-October. E: Roadside. U: Medicine. SO: Common. RS: KKI-1001 (DACB).

Phyllanthus emblica L., Sp. Pl. 982. 1753. H: Tree. LN: Amloki. Fl. & fr.: March-September. E: Home streads. U: Medicine. SO: Planted. RS: KKI-828 (DACB).

Phyllanthus reticulatus Poir., Encycl. 5: 298. 1804. H: Shrub. LN: Chitki, Pasnjuli. Fl. & fr.: March-October. E: River bank, Scrub. SO: Common. RS: KKI-3620 (DACB).

Ricinus communis L., Sp. Pl. 2: 1007. 1753. H: Shrub. LN: Bherenda. Fl. & fr.: December-January. E: Wasteland. SO: Common. RS: KKI-1022 (DACB).

Sapium sebiferum (L.) Roxb. Hort. Bengal. 69 1814. H: Small tree. LN: Momchina. Fl. & fr.: May-October. E: Near stream. U: Medicine. SO: Rare. RS: KKI-3446 (DACB).

Suregada multiflora (A.Juss.) Baill., Étude Euphorb.: 396. 1858. H: Small tree. LN: Ban-naranga, Maricha. Fl. & fr.: March-October. E: Scrub and Thickets. U: Fire wood. SO: Common. RS: KKI-3518 (DACB).

Tragia involucrata L., Sp. Pl. 2: 980. 1753. *Croton urens* L., Sp. Pl. 1005. 1753. H: Climber (twining). LN: Bichuti. Fl. & fr.: July-December. SO: Occasional. RS: KKI-3248 (DACB).

Family: **Rhamnaceae**

Guania tiliaefolia Lam., Encycl. 3: 5. 1789. H: Climber. LN: Pan lata, Herjengota. Fl. & fr.: July-December. E: Scrub jungle. U: Medicine. SO: Rare. RS: KKI-1579 & 3055 (DACB).

Ziziphus funiculosa Buch.-Ham. ex Lawson in Hook.f., Fl. Brit. Ind. 1: 636. 1875. H: Scrambling woody climber. LN: Bob boguri. Fl. & fr.: March-October. E: In forest. U: Fruit. SO: Very rare. RS: KKI-3039 (DACB).

Ziziphus jujuba Mill., Gard. Dict. ed. 81. 1768. *Ziziphus mauritiana* Lam., Encycl. Method. 3: 319. 1789. H: Tree. LN: Kul, Boroï. Fl. & fr.: September-March. E: Homesteads. U: Fruit, Sacred plant to Muslims. SO: Planted. RS: KKI-1541 (DACB).

Ziziphus oenoplia (L.) Mill., Gard. Dict. ed. 8, n. 3. 1768. H: Small tree. L: Bon Boroï, Jangal Boroï. Fl. & fr.: August-December. E: In forest. U: Fruit. SO: Common. RS: KKI-1581 (DACB).

Ziziphus mauritiana Lam., Encycl. Method. Bot. 3: 319. 1789. *Ziziphus jujuba* (L.) Gaertn., Fruct. Sem. Pl. 1: 203. 1788. H: Medium tree. L: Boroï. Fl. & fr.: March-September. E: Homestead. U: Fruit. SO: Very common. RS: IH-2204 (DACB).

Family: **Leeaceae**

Leea indica (Burm.f.) Merr., Philipp. J. Sci. 14(2): 245. 1919. H: Shrub. LN: Kukur Jihwa. Fl. & fr.: July-January. E: In forest. U: Fire wood. SO: Common. RS: BK-87 (DACB).

Leea rubra Syst. Veg. 1: 670. 1824. H: Small tree. LN: Lal bhanga. Fl. & fr.: May-July. E: Forest edge. SO: Occasional. RS: KKI-2930 (DACB).

Leea aequata L., Mant. 1: 124. 1767. H: Shrub. LN: Paratpadi. Fl. & fr.: June-December. E: Hill foot in forest. SO: Occasional. RS: KKI-3190 (DACB).

Family: **Vitaceae**

Ampelocisus barbata (Wall.) Planch. in DC., Monogr. Phan. 4: 375. 1887. H: Climber. LN: Khoissang. Fl. & fr.: Jun-October. E: In forest. SO: Occasional. RS: IH-654 (DACB).

Cissus hastata Miq., Fl. Ned. Ind., Eerste Bijv. 517. 1861. H: Climber. Fl. & fr.: September-January. E: In forest. SO: Occasional. RS: KKI-2805 (DACB).

Cissus adnata Roxb., Fl. Ind. ed. Carey 1: 405. 1820. *Vitis adnata* (Roxb.) Wall., Prodr. Fl. Ind. Orient. 1: 126. 1834. H: Woody climber. LN: Alianga lata. Fl. & fr.: March-August. E: Village thickets. U: Medicine. SO: Occasional. RS: KKI-2978 (DACB).

Cissus javana DC., Prodr. 1: 62. 1824. *Cissus discolor* Blume, Cat. Gew. Buitenzong (Blume) 39. 1823. H: Climber. LN: Dukhu lata. Fl. & fr.: May-December. E: Stream side. SO: Occasional. RS: KKI-1622 (DACB).

Cissus repanda (Wight & Arn.) Vahl., Symb. Bot. 3: 18. 1794. *Vitis repanda* (Vahl) Wight & Arn. 1834. H: Woody climber. LN: Agrorida. Fl. & fr.: August-October. E: Forest margin. SO: Very rare. RS: KKI-3112 (DACB).

Cyphostemma auriculatum (Roxb.) P. Singh & B.V. Shetty, Taxon 35: 596. 1986. H: Climber. Fl. & fr.: March-June. E: In forest. SO: Rare. RS: KKI-3563 (DACB).

Cayratia sp. H: Climber. E: In forest. SO: Occasional. RS: KKI-3058 (DACB).

Family: **Malpighiaceae**

Aspidopterys nutans (Roxb. ex DC.) A. Juss., Ann. Sci. Nat., Bot. II, 13: 267. 1840. H: Woody climber. LN: Shubung lata. Fl. & fr.: June-October. E: Hill slope. SO: Very rare. RS: KKI-3129 (DACB).

Family: **Polygalaceae**

Polygala alphonsii Buch.-Ham. ex DC., Prodr. 1: 327. 1824. H: Herb. Fl. & fr.: July-September. E: Roadside, Grassland. SO: Rare. RS: KKI-3286 (DACB).

Polygala chinensis L. Sp. Pl. 2: 704. 1753. H: Herb. Fl. & fr.: April-January. E: Roadside, Grassland. SO: Rare. RS: KKI3470 (DACB).

Family: **Sapindaceae**

Allophylus villosus (Roxb.) Blume, Rumphia 3: 132. 1847. *Allophylus cobbe* var. *villosus* (Roxb.) Prain, Rec. Bot. Surv. Ind. 1: 236. 1898. H: Shrub. LN: Chita. Aitachita. Fl. & fr.: Throughout the year. E: Near stream. SO: Occasional. RS: KKI-2892 (DACB).

Harpullia cupanoides Roxb., Fl. Ind. 2: 442. 1824. H: Tree. LN: Juribisi. Fl. & fr.: Throughout the year. E: Stream side. U: Timber. SO: Very rare. RS: KKI-3000 (DACB).

Lepisanthes rubiginosa (Roxb.) Leenh., Blumea 17(1): 82. 1969. *Sapindus rubiginosus* Roxb., Pl. Coromandel 1: 44. Pl. 62. 1795. H: Tree. L: Chhagol nadi. Fl. & fr.: November-May. U: Fruit. SO: Occasional. RS: KKI-3682 (DACB).

Lepisanthes senegalensis (Poir.) Leenh., *Blumea* 17: 85. 1969. H: Small tree. L: Gotaharina. Fl. & fr.: July-April. U: Pole. SO: Occasional. RS: KKI-3468 (DACB)

Lepisanthes tetraphylla (Vahl) Radlk., *Sitzungsber. Math.-Phys. Cl. Königl. Bayer. Akad. Wiss. München* 8: 276. 1878. H: Tree. LN: Charei harina. Fl. & fr.: March-July. E: Roadside. U: Fruit. SO: Rare. RS: KKI-1552 (DACB).

Litchi chinensis Sonn., *Voy. Indes. Orient.* 2: 255. 1782. H: Tree. LN: Lechu, Raiti. Fl. & fr.: April-July. E: Homestead. U: Fruit, Furniture. SO: Common. RS: SI-012 (DACB).

Schleichera oleosa (Lour.) Oken., *Allg. Naturgesch. Bot.* 2: 1341. 1841. H: Tree. LN: Joyna, Kusum. Fl. & fr.: March-November. E: In forest. U: Oil. SO: Rare. RS: KKI-3193 (DACB).

Family: **Burseraceae**

Canarium resiniferum Brace *ex* King, *J. Asiat. Soc. Beng.*: 62. 1893. H: Tree. LN: Dhunia rata. Fl. & fr.: June-December. E: Hill top. U: Timber. SO: Rare. RS: KKI-3650 (DACB).

Garuga pinnata Roxb., *Pl. Coromon.* 3: 5. 208. 1811. H: Tree. LN: Paharjiga, Jeol bhadi. Fl. & fr.: February-May. E: Roadside. U: Timber. SO: Common. RS: SI-84 (DACB).

Protium serratum (Wall. *ex* Colebr.) Engl. in DC., *Monogr. Phan.* 4: 88. 1883. H: Tree. LN: Hiliabhadi, Hajna, Gutgutya. Fl. & fr.: March-June. E: In forest. U: Firewood. SO: Occasional. RS: KKI-3567 (DACB).

Family: **Anacardiaceae**

Anacardium occidentale L., *Sp. Pl.* 383. 1753. H: Tree. LN: Kajubadam. Fl. & fr.: February-June. E: Hilly area. U: Fruit. SO: Planted. RS: KKI-854 (DACB).

Bouea oppositifolia (Roxb.) Adelb., *Blumea* 6: 326. 1948. H: Tree. LN: Uriaam. Fl. & fr.: December-April. E: Hill slope. U: SO: Very rare. RS: KKI3651 (DACB).

Drimycarpus racemosus (Roxb.) Hook.f. in Benth. & Hook.f., *Gen. Pl.* 1: 424. 1862. *Holigarna racemosa* Roxb., *Fl. Ind.* 2: 82. 1832. H: Tree. LN: Kodi-barela, Aam surati. Fl. & fr.: September-April. E: In forest near shady place. U: Poisonous. SO: Very rare. RS: KKI-2977 (DACB).

Holigarna caustica (Dennst.) Oken, *Allg. Naturgesch.* 3(3): 1776. 1841. *Holigarna longifolia* Roxb., *Pl. Coromandel* 3: 79. 1820. H: Tree. LN: Barolla. Fl. & fr.: March-July. E: Deep forest on hill slope. U: Timber. SO: Occasional. RS: KKI-Photo.

Lanea coromandelica (Houtt.) Merr., *J. Arn. Arbor.* 19: 353. 1938. H: Tree. LN: Jigga, Bhadi. Fl. & fr.: February-June. E: Homesteads. U: Cattle fodder. SO: Common. RS: BK-90 (DACB).

Mangifera indica L., Sp. Pl. 200. 1753. H: Tree. LN: Aam; Fl. & fr.: January-June. E: Homestreads. U: Fruit. SO: Very common. RS: KKI-3536 (DACB).

Pegia nitida Colebr., Trans. Linn. Soc. London 15: 364. 1827. *Tapiria hirsuta* Hook.f. in Benth. & Hook.f., Gen. Pl. 1: 423. 1876. H: Scandent shrub. Fl. & fr.: January-May. U: Fruit. SO: Occasional. RS: KKI-3441 (DACB).

Swintonia floribunda Griff., Proc. Linn. Soc. London 1: 283. 1846. H: Tree. LN: Civit. Fl. & fr.: February-May. U: Timber. SO: Rare. RS: BK-56 (DACB).

Rush succedanea L., Mant. Pl. 2: 221. 1771. H: Tree. LN: Kakrasing. Fl. & fr.: January-May. SO: Rare. RS: KKI-3215 (DACB).

Family: **Meliaceae**

Aglaia chittagonga Miq., Ann. Mus. Bot. Lugd.-Bat. 4: 44. 1868. *Amoora chittagonga* (Miq.) Hiern in Hooker.f., Fl. Brit. Ind. 1: 559. 1875. H: Tree. LN: Thitpasing. Fl. & fr.: August-March. E: Hill forest. U: Firewood. SO: Very rare. RS: KKI-3577 (DACB).

Aphanamixis polystachya (Wall.) R.N. Parker, Ind. For. 57: 486. 1931. H: Tree. LN: Pitraj, Royna. Fl. & fr.: February-May. E: Homestreads, Roadside. U: Timber. SO: Common. RS: KKI-744 & 1105 (DACB).

Azadirachta indica A.Juss., Mém. Mus. Hist. Nat. 19: 221 1830. *Melia azadirachta* L., Sp. Pl. 385 1753. H: Tree. LN: Neem. Fl. & fr.: February-May. E: Roadside. U: Medicine. SO: Common. RS: KKI-3659 (DACB).

Melia azadirachta L., Sp. Pl. 384. 1753. H: Tree. LN: Ghuranim, kwanim, Poa. Fl. & fr.: March-February. E: Homestreads. U: Timber. SO: Common. RS: KKI- SI-21(DACB).

Soymida febrifuga (Roxb.) A.Juss., Mém. Mus. Hist. Nat. 19: 251 1832. *Swietenia febrifuga* Roxb., Pl. Coromandel 1: 18, 17. 1795. H: Tree. LN: Rohina, Rohan, Rogra. Fl. & fr.: March-August. E: Roadside. U: Timber. SO: Planted. RS: KKI-3479 (DACB).

Swietenia mahagoni L. Jacq., Enum. Syst. Pl. 20. 1760. H: Tree. LN: Mahagoni. Fl. & fr.: April-November. E: Roadside. U: Timber. SO: Common. RS: IH-4321 (DACB).

Toona ciliata M.Roem., Fam. Nat. Syn. Monogr. 1: 139. 1846. H: Tree. LN: Toon, Piya, Piyatoon. Fl. & fr.: January-June. E: Village thickets. U: Timber. SO: Common. RS: KKI-3567 (DACB).

Walsora robusta Roxb., Fl. Ind., 2: 386. 1832. H: Tree. LN: Bonlichu, Ataligula. Fl. & fr.: April-February. E: Forest floor. U: Timber. SO: Occasional. RS: KKI-3637 (DACB).

Family: **Rutaceae**

Aegle marmelos (L.) Corr., Trans. Linn. Soc. London 5 : 223. 1800. H: Tree. LN: Bel. Fl. & fr.: April-December. E: Homestreatd. U: Medicine, Fruit. SO: Very common. RS: KKI-3451 (DACB).

Citrus maxima (Burm.) Merr., Herb. Amboin. 296. 1917. *Citrus grandis* (L.) Osbeck, Dagb. Ostind. Resa 98. 1757. H: Small tree. LN: Jambura. Fl. & fr.: February-November. E: Homestreatd. U: Fruit. SO: Planted. RS: KKI (DACB).

Clausena anisata (Willd.) (Roxb.f. ex Benth., Niger Fl. 256. 1849. *Clausena suffruticosa* (Roxb.) Wight & Arn., Prodr.: 96. 1834. H: Shrub. LN: Kalomaricha. Fl. & fr.: March-June. E: Hill slope. SO: Occasional. RS: KKI-3441 (DACB).

Clausena heptaphylla (Roxb.) Wight & Arn. ex Steud., Nomencl. Bot. ed. 2, 1: 377. 1840. H: Shrub. LN: Panbahar. Fl. & fr.: March-August. E: Near streams. U: Chewed with betel. SO: Occasional. RS: KKI-2921 (DACB).

Glycosmis pentaphylla (Retz.) A.DC., Prodr. 1: 538. 1824. H: Shrub. LN: Datmajani. Fl. & fr.: Throughout the year. E: Village thickets. U: Medicine, Toothbrush. SO: Common. RS: KKI-964 (DACB).

Micromelum minutum (J.G.Forster) Wight & Arn., Prodr. Fl. Ind. Orient. 448. 1834. *Micromelum pubescens* Blume. 1825. H: Tree. LN: Dulia. Fl. & fr.: Throughout the year. E: In forest. U: Medicine. SO: Common. RS: KKI-746 & 3030 (DACB).

Paramignya scandens (Griff.) Craib, Fl. Siam. 1: 235. 1926. *Paramignya citrifolia* Oliv., J. Proc. Linn. Soc., Bot. 5(Suppl. 2): 42. 1861. H: Scandens shrub. LN: Bannebu, Karipa. Fl. & fr.: May-December. E: In forest. SO: Rare. KKI-864 (DACB).

Family: **Oxalidaceae**

Oxalis corniculata L., Sp. Pl. 435. 1753. H: Herb. LN: Amrul, Chuka tripati, Amboli. Fl. & fr.: September-May. E: Moist shady places. U: Medicine. SO: Common. RS: KKI-3469 (DACB).

Family: **Balsaminaceae**

Impatiens trilobata L., Sp. Pl. : 938. 1753. H: Herb. LN: Dupati. Fl. & fr.: March-October. E: Wet open place. U: Medicine. SO: Rare. RS: KKI-1693 (DACB).

Impatiens balsamina L., Sp. Pl.: 938. 1753. H: Herb. LN: Dupati. Fl. & fr.: March-October. E: Wet open place. U: Medicine. SO: Common. RS: KKI-3331 (DACB).

Family: **Araliaceae**

Heteropanax fragrans (D. Don) Seem., Fl. Vit.: 114. 1865. *Hedera fragrans* D. Don, Prodr. Fl. Nep.: 187. 1825. H: Tree. LN: Tarla, Guti-suna. Fl. & fr.: Throughout the year. E: Forest edge. SO: Very rare. RS: KKI-3387, (DACB).

Macropanax undulatus (Wall. ex G. Don) Seem, J. Bot. 2: 294. 1864. H: Tree. Fl. & fr.: August-February. E: Wet open place. SO: Rare. RS: KKI-3295 (DACB).

Schefflera elliptica (Blume) Harms., Nat. Pflanzenfam. 3: 39. 1894. H: Woody climber. LN: Jeng-jil, Dahina kath, Bo shimur. Fl. & fr.: January-September. E: Thickets. SO: Rare. RS: KKI-3358 & 3242 (DACB).

Trevesia palmata (Roxb.) Vis., Mem. Acad. Sci. Torino 4: 262. 1842. H: Small tree. LN: Ban-pepe, Aragoja. Fl. & fr.: January-May. E: Near stream. SO: Common. RS: KKI-958 (DACB).

Family: **Apiaceae**

Centella asiatica (L.) Urban, Fl. Bras. 11(1): 187. 1879. H: Herb. LN: Thankuni. Fl. & fr.: March-December. E: Wasteland, Roadside. U: Medicine. SO: Very common. RS: BK-74 (DACB).

Oenanthe bengalensis (Roxb.) Kurz, J. Asiat. Soc. Bengal 2: 115. 1877. H: Aquatic herb. Fl. & fr.: April-August. E: Marsh lands. U: Vegetable. SO: Common. RS: KKI-1661 (DACB).

Family: **Loganiaceae**

Mitreola petiolata (J.F. Gmel.) Torr. & A. Gray, Fl. N. Amer. 2: 45. 1841. H: Herb. Fl. & fr.: July-December. E: Shaded forest floor. SO: Rare. RS: KKI-1589 (DACB).

Family: **Gentianaceae**

Canscora diffusa (Vahl) R.Br. ex Roem. & Schult., Syst. Veg. 3: 301. 1818. *Gentiana diffusa* Vahl., Symb. Bot. 3: 47. 1794. H: Herb. Fl. & fr.: December-January. E: Damp, along stream. SO: Common. RS: KKI-982 (DACB).

Family: **Apocynaceae**

Catharanthus roseus (L.) G. Don, Gen. Hist. 4: 95. 1837. H: Under shrub. LN: Nayontara. Fl. & fr.: Throughout the year. E: Homestead. U: Ornamental. SO: Planted. RS: KKI-888 (DACB).

Holarrhena pubescens Wall. ex G. Don, Gen. Hist. 4: 78. 1837. *Holarrhena antidysenterica* (L.) Wall. ex Decne., Prodr. 8: 413. 1844. H: Tree. LN: Kurchi. Fl. & fr.: April-January. U: Medicine. SO: Occasional. RS: APM-001 (DACB).

Ichnocarpus frutescens (L.) B.Br., Mem. Werm. Soc. 1: 62. 1811. H: Twining shrub. LN: Shamlata, Dudhi lata, Paralia lata. Fl. & fr.: April-December. E: Roadside and hill slope. U: Fibre. SO: Common. RS: KKI-1684 (DACB).

Melodinus cochinchinensis (Lour.) Merr. Trans. Amer. Philos. Soc. 24: 310. 1935. *Melodinus monogynus* Roxb. ex Lindl. Bot. Reg. 10: 834. 1824. H: Woody climber. Fl. & fr.: March-October. E: Forest floor. SO: Very rare. RS: KKI-3537, 3653 (DACB).

Myriopteron extensum (Wight & Arn.) K. Schum, Nat. Pfla. 4(2): 215. 1895. H: Woody climber. LN: Pema, Shukmoy. Fl. & fr.: June-December. E: In forest. SO: Rare. RS: KKI-933, 1088 (DACB).

Rauvolfia serpentina (L.) Benth. ex Kurz, For. Fl. Burma 2: 171. 1877. H: Under shrub. LN: Sarpoganda. Fl. & fr.: April-October. E: Undergrowth. U: Medicine. SO: Occasional. RS: KKI-3537 (DACB).

Tabernaemontana corymbosa Roxb. ex Wall., Edwards's Bot. Reg. 15: 1273. 1829. H: shrub. Fl. & fr.: May-January. U: Ornamental. SO: Occasional. RS: KKI-801(DACB).

Tabernaemontana divaricata (L.) R.Br. ex Roem. & Schult., Syst. Veg. 4: 427. 1819. H: Shrub. LN: Ban tagor. Fl. & fr.: May-January. E: Forest floor and near stream. U: Medicine, Ornamental. SO: Common. RS: KKI-2875 (DACB).

Thevetia peruviana (Pers.) K.Schum., Pflanzenfam. 4(2): 159. 1895. H: Small tree. LN: Holde Karabi. Fl. & fr.: Throughout the year. E: Homestead. U: Medicine, Ornamental. SO: Common. RS: IH-2341 (DACB).

Willughbeia edulis Roxb., Pl. Corom. 3: 77. 280. 1820. *Willughbeia martabanica* Wall., Pl. Asiat. Rar. 3: 45. 1832. H: Woody climber. LN: Lata amm. Fl. & fr.: May-December. U: Fruit, Medicine. SO: Very rare. RS: KKI-3652 (DACB).

Wrightia arborea (Dennst.) Mabb., Taxon 26: 533. 1977. *Wrightia wallichii* A. DC., Prodr. 8: 405. 1884. H: Tree. LN: Dudh-kurus. Fl. & fr.: May-January. U: Medicine. SO: Occasional. RS: KKI-3652 & 3241 (DACB).

Family: **Asclepiadaceae**

Anodendron paniculatum (Roxb.) A.DC., Prodr. 8: 1844. H: Woody climber. LN: Panidul. Fl. & fr.: March-January. E: Forest floor. U: Medicine. SO: Rare. RS: BK-89 (DACB).

Calotropis procera (Ait) R.Br. in Ait.f., Hort. Kew. ed. 2, 2: 78. 1811. H: Shrub. LN: Akanda. Fl. & fr.: April-August. E: Roadside. U: Medicine. SO: Common. RS: KKI-865 (DACB).

Calotropis gigantea (L.) Dryand., Hortus Kew. 2: 78. 1811. *Calotropis gigantea* (L.) R.Br. in Ait.f., Hort. Kew. 2: 78. 1811. H: Shrub. LN: Akanda. Fl. & fr.: April-August. E: Roadside. U: Medicine. SO: Common. RS: KKI-3683 (DACB).

Cryptolepis buchananii Roem. & Schult., Syst. Veg. 4: 409. 1819. H: Woody climber. Fl. & fr.: May-December. E: Forest floor. SO: Rare. RS: KKI-3283 (DACB).

Dischidia nummularia R.Br., Prodr. 1: 461.1810. H: Epiphyte. LN: Porgachha. Fl. & fr.: March-June. U: Not known. SO: Rare. RS: KKI-1699 (DACB).

Gymnema yunnanense Tsiang, Sunyatsenia 6: 131 1941. H: Climber (lianas). LN: Fl. & fr.: February-October. E: Mixed forest. SO: Very rare. RS: MSI-7020 (DACB).

Hoya parasitica (Roxb.) Wall. ex Wight, Contr. Bot. India: 37. 1832. H: Creeping epiphyte. LN: Chagal kan lata. Fl. & fr.: March-October. E: On old tree. U: Medicine. SO: Common. RS: KKI-2853 (DACB).

Family: **Solanaceae**

Capsicum frutescens L., Sp. Pl. 1: 189. 1753. H: Herb. LN: Morich. E: Cultivated land. U: Spice. SO: Very common. RS: BK-85 (DACB).

Cestrum nocturnum L., Sp. Pl. 1: 191. 1753. H: Shrub. LN: Hasnahena. E: Homesteads. U: Ornamental. SO: Common. RS: IH-3671 (DACB).

Datura stramonium L., Sp. Pl. 1: 179. 1753. H: Shrub. LN: Dutura. E: Waste place. U: Medicine, Poisonous. SO: Occasional. RS: KKI-1110 (DACB).

Nicotiana plumbaginifolia Viv., Elench. Pl. Hort. Dinagro: 26. 5. 1802. H: Herb. LN: Bon tamak. Fl. & fr.: March-December. E: Waste place, River bank. U: Medicine. SO: Occasional. RS: BK-11 (DACB).

Nicotiana tabacum L., Sp. Pl. 1: 180. 1753. H: Herb. LN: Tamak. Fl. & fr.: December-May. E: Cultivated land. U: Poisonous. SO: Cultivaled. RS: KKI-855 (DACB).

Physalis angulata L., Sp. Pl. 1: 183. 1753. H: Herb. LN: Fotka. Fl. & fr.: February-August. E: Road side and Fallow land. SO: Common. RS: KKI-826 (DACB).

Physalis minima L., Sp. Pl. 1: 183. 1753. H: Herb. LN: Fotka. Fl. & fr.: Throughout the year. E: Road side and Fallow land. SO: Occasional. RS: KKI-3108 (DACB).

Solanum aethiopicum L., Cent. Pl. 2: 10. 1756. H: Shrub. LN: Kamranga begun. Fl. & fr.: Throughout the year. E: Waste place. U: Vegetable. SO: Rare. RS: KKI-3360 & 3638 (DACB).

Solanum americanum Mill., Gard. Dict. ed. 8, 5. 1768. H: Herb. LN: Tit begun. Fl. & fr.: February-August. E: Fallow land, Shady place. SO: Common. RS: KKI-3360 (DACB).

Solanum macrocarpon L., Mant. Pl. 2: 205. 1771. H: Shrub. LN: Bilati begun. Fl. & fr.: June-December. E: Waste place. U: Vegetable, Medicine. SO: Rare. RS: KKI-3112 (DACB).

Solanum melongena L., Sp. Pl. 1: 186. 1753. H: Shrub. LN: Begun. Fl. & fr.: October-March. E: Cultivated. U: Vegetable. SO: Cultivated. RS: IH-410 (DACB).

Solanum nigrum L., Sp. Pl. 1: 186. 1753. H: Herb. LN: Kakmachi. Fl. & fr.: Throughout the year. E: Distrubed place. U: Medicine. SO: Common. RS: KKI-832 (DACB).

Solanum torvum Sw., Nov. Gen. Sp. Pl. Prodr. 47. 1788. H: Shrub. LN: Gota begun, Tit begun. Fl. & fr.: January-December. SO: Common. RS: KKI-835 (DACB).

Solanum violaceum Ortega, Hort. Matr. Dec.: 56. 1798. *Solanum indicum* sensu Clarke in Hook.f., Fl. Brit. Ind. 4: 234. 1883. H: Shrub. LN: Byakur. Fl. & fr.: January-December. E: Waste place, Roadside. U: Medicine. SO: Rare. RS: KKI-840 & 835 (DACB).

Family: **Convolvulaceae**

Argyrea argentea (Roxb.) Sweet, Hort. Brit. ed. 2: 373. 1830. H: Large climber. LN: Boro rupalata, Kajingang. Fl. & fr.: July-September. E: Scrub jungle. SO: Occasional. RS: KKI-1753 (DACB).

Argyrea capitiformis (Poir.) Ooststr in van Steenis, Fl. Mal. Ser. 1. Spermatoph. 6(6): 941. 1972. H: Climber. LN: Vogalata, Daitta lati. Fl. & fr.: November-March. E: Scrub jungle. SO: Rare. RS: KKI-778 & 1594 (DACB).

Argyrea splendens (Hornem.) Sw., Hort. Brit. ed. 2: 373. 1830. *Convolvulus splendens* Hornem, Hort. Bot. Hafn.: 123. 1819. H: Climber. LN: Chotta rupalata. Fl. & fr.: November-February. E: Scrub jungle. SO: Occasional. RS: KKI-3179 (DACB).

Bonamia semidigyna (Roxb.) Hallier f., Bot. Jahrb. Syst. 16: 528. 1893. H: Twining climber. LN: Bikon gandhabhaduli. Fl. & fr.: October-January. E: Scrub jungle, Roadside. SO: Common. RS: KKI-794 (DACB).

Erycibe peguensis Prain, Beng. Pl. 2: 724. 1903. H: Scandent shrub. LN: Kari lota, Koramari lota. Fl. & fr.: October-January. E: Scrub forest, Near stream. SO: Very rare. RS: KKI-3103 (DACB).

Evolvulus nummularius (L.) L., Sp. Pl. ed. 2: 391. 1762. H: Herb. LN: Bhui akra. Fl. & fr.: Throughout the year. E: Roadside, Waste place. SO: Common. RS: KKI-804 & 3392 (DACB).

Ipomea aquatica Forssk., Fl. Aeg.-Arab.: 44. 1755. H: Trailer climber. LN: Kolmi sak. Fl. & fr.: Throughout the year. E: Wet land, Mudy place. SO: Common. RS: SI-12 (DACB).

Ipomoea fistulosa Mart. ex Choisy in DC., Prodr. 9: 349. 1845. H: Shrub. LN: Dhol kolmi. Fl. & fr.: Throughout the year. E: Wet land, Mudy place. SO: Common. RS: KKI-1687 & 3118 (DACB).

Ipomoea hederifolia L., Syst. Nat. ed. 10: 925. 1759. H: Climber (twiner). LN: Neela kolmi. Fl. & fr.: November-March. E: Forest floor, Clearing land. SO: Occasional. RS: KKI-1655 & 3501 (DACB).

Ipomoea mauritiana Jacq., Collect. 4: 216. 1791. H: Climber (twiner). LN: Bhui kumra. Fl. & fr.: May-November. E: Forest floor. SO: Rare. RS: IH-127 (DACB).

Ipomoea pileata Roxb., Fl. Ind. (ed. Carey & Wall.) 2: 94. 1824. *Ipomoea involucrata* sensu auct. Prain, Beng. Pl. 2: 734. 1903. H: Climber (twiner). LN: Poila kolmi. Fl. & fr.: October-January. E: Roadside. SO: Rare. RS: KKI-3390 (DACB).

Ipomea yomae Kurz, For. Fl. Brit. Burm. 2: 218. 1877. H: Climber. Fl. & fr.: October-January. E: Roadside. SO: Rare. RS: KKI-3059 (DACB).

Jacquemontia paniculata (Burm.f.) Hallier f., Bot. Jahrb. 16: 541. 1893. *Ipomoea paniculata* Burm.f., Fl. Ind.: 50. 21. 3. 1768. H: Climber (twiner). L: Monti lata. Fl. & fr.: October-January. E: Forest floor. SO: Occasional. RS: KKI-1750 & 3388 (DACB).

Lepistemon binectariferum (Wall.) Kuntze, Rev. Gen.: 446. 1891. H: Climber (twiner). Fl. & fr.: September-March. E: Along stream side. SO: Rare. RS: KKI-751 (DACB).

Lepistemon lobatum Pilger in Diels, Notizbl. Bot. Gart. Berlin-Dahlem. 9: 1029. 1926. H: Climber (twiner). Fl. & fr.: July-September. E: Along stream side. SO: Rare. RS: KKI-770 (DACB).

Merremia umbellata (L.) Hallier f., Bot. Jahrb. 16: 552. 1893. H: Climber (woody twiner). Fl. & fr.: February-May. E: Roadside. SO: Common. RS: KKI-2917 (DACB).

Merremia vitifolia (Burm.f.) Hallier f., Bot. Jahrb. 16: 552. 1893. H: Climber (twiner). Fl. & fr.: January-March. E: Roadside. SO: Common. RS: KKI-780 & 3548 (DACB).

Operculina turpethum (L.) Silva Manso, Enum. Subst. Bras.: 16. 1836. H: Climber (twiner). LN: Noapata. Fl. & fr.: October-May. E: Thickets. SO: Rare. RS: KKI-3032 & 1694 (DACB).

Family: **Cuscutaceae**

Cuscuta reflexa Roxb., Pl. Cor. 2: 3. Pl. 104. 1798. H: Parasite. LN: Swarnalata. Fl. & fr.: August-March. E: Along roadside. U: Medicine. SO: Common. RS: KKI-851 (DACB).

Family: **Hydrophyllaceae**

Hydrolea zeylanica (L.) Vahl, Symb. Bot. 2: 46. 1791. H: Herb. LN: Kasschara, Pani agra. Fl. & fr.: October-March. E: Muddy place, Shallow water. U: Medicine. SO: Common. RS: KKI-943 (DACB).

Family: **Boraginaceae**

Cordia fragrantissima Kurz, For. Fl. Brit. Burma 2: 207. 1877. *Cordia clarkei* Brace ex Prain, Beng. Pl. 2: 714. 1903. H: Tree. LN: Kawaduti. Fl. & fr.: May- December. E: Hilly forest. SO: Very rare. RS: KKI-3184 (DACB).

Cynoglossum wallichii G.Don, Gen. Hist. 4: 354. 1837 var. **glochidiatum** (Wall. ex Benth.) Kazmi, J. Arnold Arbor. 52: 347. 1971. *Cynoglossum glochidiatum* Wall. ex Benth., Bot. Himal. Mts. 306. 1836. H: Herb. Fl. & fr.: July- December. E: Hill side along stream. SO: Rare. RS: KKI-2797 (DACB).

Cynoglossum lanceolatum Forssk., Fl. Aegypt.-Arab. 41. 1775. H: Herb. Fl. & fr.: April-September. E: Hill side along stream. SO: Rare. RS: KKI-2952 (DACB).

Heliotropium indicum L., Sp. Pl. 130. 1753. H: Herb. LN: Hatisur. Fl. & fr.: Throughout the year. E: Waste land, River bank. U: Medicine. SO: Common. RS: KKI-876 (DACB).

Rotula aquatica Lour., Fl. Coch. 121. 1790. H: Shrub. LN: Pan ghurni. Fl. & fr.: October-March. E: Rocks along river bank. U: Fibre. SO: Very rare. RS: KKI-1636 (DACB).

Tournefortia roxburghii C.B.Clarke in Hook.f., Fl. Brit. Ind. 4: 146. 1883. H: Herb. LN: Shamshog. Fl. & fr.: April-February. E: Along stream, Forest edge. U: Vegetable. SO: Occasional. RS: KKI-3527 (DACB).

Tournefortia viridiflora Wall., Fl. Ind. 2: 5 1824. H: Herb. LN: Tiaturni. Fl. & fr.: April-December. E: Along stream, Forest edge. U: Medicine, Vegetable. SO: Rare. RS: KKI-2801 (DACB).

Family: **Verbenaceae**

Callicarpa arborea Roxb., Fl. Ind. 1: 405. 1820. H: Tree. LN: Bormala, Khoja. Fl. & fr.: May-November. E: Hill slope, Road side. U: Firewood. SO: Common. RS: KKI-739 (DACB).

Clerodendrum grandulosum Lindl., Edwards's Bot. Reg. 30. 19. 1844. H: Shrub. LN: Bonbhati, Napigachh. Fl & fr: May-October. E: Thickets on hill slope, along roadsides. U: Medicine. SO: Occasional. RS: KKI-3290 (DACB).

Clerodendrum indicum (L.) O. Kuntze, Revis. Gen. Pl. 2:506. 1891. H: Shrub. LN: Bamunhatti, Bonchat. Fl. & fr.: April-October. E: Fallow and waste land, Roadsides. SO: Common. RS: KKI-1604 (DACB).

Clerodendrum infortunatum L., Sp. Pl. 637. 1753. *Clerodendrum viscosum* Vent., Jard. Malm. 1: 25, Pl. 25. 1803. H: Shrub. LN: Bhat, Ghetuphul. Fl. & fr.: January-July. E: Roadside. U: Medicine. SO: Common. RS: KKI-2814 (DACB).

Clerodendrum paniculatum L., Mant. Pl. 1: 90. 1767. H: Shrub. LN: Dander flower. Fl. & fr.: May-October. U: Ornamental. SO: Occasional. RS: KKI-2830 (DACB).

Clerodendrum wallichii Merr., J. Arnold Arbor. 33: 220. 1952. *Clerodendrum nutans* Wall. ex D. Don, Prodr. Fl. Nepal. 103. 1825. H: Shrub. LN: Malbong, Tara tobah. Fl. & fr.: January-April. E: Hill slope. SO: Common. RS: KKI-3140 (DACB).

Clerodendrum infortunatum L., Sp. Pl. 637 1753. *Clerodendrum viscosum* Vent. Jard. Malmaison, 25. 1803. H: Shrub. LN: Bhat, Ghetuphul. Fl. & fr.: January-July. Ecology: Fallow land. U: Medicine. SO: Common. RS: KKI-764 (DACB).

Congea tomentosa Roxb., Pl. Corom. 3: 90. 293. 1819. H: Scandent shrub. LN: Congea. Fl. & fr.: December-April. E: Hill slope, High land. U: Ornamental. SO: Common. RS: KKI-1125 (DACB).

Gmelina arborea Roxb., Pl. Corom. 3: 41. 1819. H: Tree. LN: Gamar, Gamari. Fl. & fr.: February-July. E: Roadsides. U: Timber. SO: Planted. RS: IH-431 (DACB).

Lantana camara L., Sp. Pl. 627. 1753. H: Shrub. LN: Lantana, Guay Ganda. Fl. & fr.: Throughout the year. E: Waste land. U: Soil binder. SO: Common. RS: KKI- 788 (DACB).

Lantana trifolia L., Sp. Pl. 2: 626. 1753. H: Shrub. LN: Tinpata lantana. Fl. & fr.: April-August. E: Roadside, River bank. SO: Rare. RS: KKI-1749 (DACB).

Lippia alba (Mill.) Britton *et* Wilson, Sci. Surv. Puerto Rico. Vergin 6: 141. 1925. H: Shrub. LN: Pichas-lakri. Fl. & fr.: Throughout the year. E: Roadside, River bank, Cannel and Pond. U: Soil binder. SO: Common. RS: KKI-941 (DACB).

Nactanthes arbor-tristis L., Sp. Pl. 1: 6. 1753. H: Small tree. LN: Sheuli. Fl. & fr.: August-January. E: Homestreads. U: Ornamental. SO: Plante. RS: KKI-859 (DACB).

Phyla nodiflora (L.) Greene, Pittonia 4: 46. 1899. *Lippia nodiflora* (L.) Michx., Fl. Bor.-Amer. 2: 15. 1803. H: Herb. LN: Bhuikra. Fl. & fr.: Throughout the year. E: River bank. U: Medicine. SO: Common. RS: KKI-3044 (DACB).

Premna esculenta Roxb., Fl. Ind. ed. 2. 3: 81. 1832. H: Shrub. LN: Darru sing. Fl. & fr.: April-August. E: Forest floor. U: Vegetable. SO: Common. RS: KKI-2815 (DACB).

Tectona grandis L.f., Suppl. Pl. 151. 1782. H: Tree. LN: Segun. Fl. & fr.: July-November. E: Hilly area. U: Timber. SO: Very common. RS: KKI-1069 (DACB).

Vitex peduncularis Wall. *ex* Schauer in A.DC., Prodr. 11: 687. 1847. H: Tree. LN: Baruna, Goda, Horina. Fl. & fr.: April-September. E: Forest floor. U: Fire wood. SO: Occasional. RS: KKI-1713, 1578 (DACB).

Family: **Lamiaceae**

Ajuga macrosperma Wall. *ex* Benth., Pl. Asiat. Rar. 1: 58. 1830. H: Herb. LN: Ajuma. Fl. & fr.: October-December. E: Hill slope. U: Vegetable. SO: Common. RS: KKI-3196a & 3494 (DACB).

Anisomeles indica (L.) Kuntze, Rev. Gen.: 512. 1891. *Nepeta indica* L., Sp. Pl.: 571. 1753. H: Herb. LN: Gobura, Shipri gach. Fl. & fr.: October-July. E: Forest edge, Roadside. SO: Common. RS: KKI-1540 & 3039 (DACB).

Gomphostemma strobilinum Wall. *ex* Benth. in Wall., Pl. Asiat. Rar. 2: 12. 1831. H: Herb. L: Biraler lejja. Fl. & fr.: September-March. SO: Very rare. RS: KKI-3271 (DACB).

Gomphostemma parviflorum Wall. *ex* Benth., Pl. Asiat. Rar. 2: 12 1830. H: Herb. LN: Jateri bonmala. Fl. & fr.: September-August. E: Waste place. SO: Occasional. RS: KKI-3234 (DACB).

Hyptis brevipes (L.) Poit., Ann. Mus. Hist. Nat. 7: 465. 1806. H: Herb. LN: Gol tokma. Fl. & fr.: January-March. E: Open place. SO: Common. RS: KKI-1649 & 3672 (DACB).

Hyptis capitata Jacq., Coll. 1: 102. 1786. H: Herb. LN: Tata tokma. Fl. & fr.: Novemver-June. E: Open place, Waste place. SO: Common. RS: KKI-3393 (DACB).

Hyptis suaveolens (L.) Poit., Ann. Mus. Hist. Nat. Paris 7: 472, 29. 1806. H: Herb. LN: Bilati tulsi, Tukma; Fl. & fr.: Throughout the year. E: Open place, Waste place. SO: Common. RS: KKI-802 (DACB).

Leucas aspera (Willd.) Link, Enum. Hort. Berol. Alt. 2: 113. 1822. H: Herb. LN: Shetodron, Dondokalosh. Fl. & fr.: Throughout the year. E: Open place, Waste place. U: Medicine. SO: Common. RS: KKI-755, 3419 (DACB).

Leucas biflora (Vahl) Benth. in Wall., Pl. Asiat. Rar. 1: 62. 1830. H: Herb. LN: Fulidron. Fl. & fr.: Throughout the year. E: Open place. SO: Very rare. RS: KKI-3219 & 3165 (DACB).

Leucas zeylanica (L.) W.T.Aiton, Hortus Kew. ed. 2(3): 409. 1811. H: Herb. LN: Kusha. Fl. & fr.: May-October. E: Open place. U: Medicine. SO: Common. RS: KKI-3419 (DACB).

Ocimum americanum L., Cent. Pl. 1: 15. 1755. *Ocimum canum* Sims, Bot. Mag., 2452. 1823. H: Herb. LN: Bon tulshi. Fl. & fr.: June-February. E: Fallow land, Roadside. U: Medicine. SO: Common. RS: KKI-1761 (DACB).

Perilla frutescens (L.) Britton, Mem. Torrey Bot. Club 5: 277. 1894. H: Herb. LN: Perilla sen. Fl. & fr.: January-March. E: Shady place. U: Vegetable, Medicine. SO: Rare. RS: IH-120 (DACB).

Plectranthus scutellarioides (L.) R.Br., Prodr. Fl. Nov. Holl. 506. 1810. H: Herb. LN: Pathorchur. Fl. & fr.: March-September. E: Ornamental. SO: Occasional. RS: KKI-1577 (DACB).

Pogostemon auricularius (L.) Hassk., Tijdschr. Naturl. Gesch. Physiol. 10: 127. 1843. *Mentha auricularis* L., Mant. 1: 81. 1767. H: Herb. LN: Arupachuli. Fl. & fr.: September-January. E: River bank. SO: Common. RS: KKI-841, 2852 & 3349 (DACB).

Pogostemon griffithii Prain, Bull. Misc. Inform. Kew 1908: 181. 1908. H: Herb. LN: Arupachuli. Fl. & fr.: March-July. E: River bank. SO: Rare. RS: KKI-3053 (DACB).

Pogostemon parviflorus Benth., Pl. Asiat. Rar. 1: 31 1830 H: Herb. LN: Nug-bui. Fl. & fr.: March-June. E: River bank. SO: Rare. RS: KKI- 2708 (DACB).

Family: **Buddlejaceae**

Buddleja asiatica Lour., Fl. Cochin. 72. 1790. H: Shrub. LN: Badbhota, Neemda. Fl. & fr.: January-June. U: Medicine. E: Forest edge, Forest clearing, Roadside. SO: Common. RS: KKI 3454 (DACB).

Family: **Oleaceae**

Jasminum multiflorum (Burm.f.) Andr., Bot. Rep. 8: 496. 1807. H: Shrub. LN: Kundphul. Fl. & fr.: December-July. E: Thickets. U: Medicine. SO: Common. RS: KKI-3288 (DACB).

Chionanthus mala-elengi ssp. **terniflorus** (Wall. ex G.Don) P.S.Green, Kew Bull. 51: 767. 1995. H: Small tree. LN: Malagurgura. Fl. & fr.: October-April. E: Hill top near stream. SO: Very rare. RS: KKI-2916 (DACB).

Chionanthus ramiflorus Roxb., Fl. Ind. 1: 106 1820. H: Small tree. Fl. & fr.: April-December. E: Hill top. U: Medicine. SO: Very rare. RS: KKI-3168 (DACB).

Olea dioica Roxb., Fl. Ind. 1: 105. 1820. H: Small tree. LN: Atajam, Kau. Fl. & fr.: Throughout the year. E: Hill top. SO: Very rare. RS: KKI-3581 & 3581a (DACB).

Myxopyrum smilacifolium (Wall.) Blume, Mus. Bot. Lugrd.-Bat. 1: 320. 1850. H: Large scandent shrub. LN: Panta lota. Fl. & fr.: April-September. E: Near stream. SO: Occasional. RS: KKI- 3345 (DACB).

Family: **Scrophulariaceae**

Adenosma indianum (Lour.) Merr., Trans. Amer. Philos. Soc. 24(2): 351. 1935. H: Herb. LN: Barakesuti. Fl. & fr.: July-January. E: Hill slope, Open sandy place. U: Aromatic, Medicine. SO: Common. RS: KKI-1518 & 3314 (DACB).

Limnophila indica Druce, Rep. Bot. Soc. Exch. Club Br. Isles 3: 420. 1914. H: Herb. LN: Pani karpur. Fl. & fr.: February-October. E: Wet place. U: Medicine. SO: Rare. RS: KKI-983 (DACB).

Limnophila sessiliflora (Vahl) Blume, Bijdr.: 749. 1826. H: Herb. LN: Bijati. Fl. & fr.: April-October. E: Wet places along stream. SO: Rare. RS: IH-231 (DACB).

Lindenbergia indica (L.) Vatke, Oesterr. B. Zeits. 25: 10. 1875. H: Herb. LN: Basonti. Fl. & fr.: October-January. E: Hill slope. SO: Occasional. RS: KKI-779 (DACB).

Lindenbergia muraria (Roxb. ex D.Don) P. Bruehl, J. Dept. Bot. Cal. Uni. 2 (Bot.): 27. 1920. H: Herb. Fl. & fr.: September-February. E: Hill slope. SO: Occasional. RS: KKI-3333 (DACB).

Lindenbergia philippensis (Cham. & Schl.) Benth. in DC., Prodr. 10: 377. 1846. H: Herb. Fl. & fr.: November-March. E: Hill slope. SO: Occasional. RS: KKI-821 & 1095 (DACB).

Lindernia antipoda (L.) Alston, Handb., Fl. Ceylon 6 (Suppl): 214. 1931. H: Herb. LN: Zhai gash. Fl. & fr.: Throughout the year. E: Waste and Fallow land. U: Weed. SO: Common. RS: KKI-1698 & 3002 (DACB).

Lindernia crustacea (L.) F.Muell., Census Austral. Pl. 1: 97. 1882. H: Herb. LN: Chapra gas. Fl. & fr.: April-December. E: River bank. SO: Common. RS: IH-2096 (DACB).

Lindernia dubia (L.) Pennell, Monogr. Acad. Nat. Sci. Philadelphia 1: 141. 1935. H: Herb. Fl. & fr.: Throughout the year. E: Waste and Fallow land, River bank. U: Weed. SO: Common. RS: KKI-KKI-3979 (DACB).

Lindernia procumbens (Krocker) Philcox, Taxon 14: 30. 1965. H: Herb. LN: Khet papra. Fl. & fr.: July-December. E: Fallow land, Paddy field and River bank. U: Weed. SO: Common. RS: KKI-883 (DACB).

Lindernia viscosa (Hornem.) Merr., Sp. Blancoan. 14. 1918. H: Herb. LN: Chapra gas. Fl. & fr.: May-November. E: Roadside, Swamps. SO: Occasional. RS: IH-2094 (DACB).

Mecardonia procumbens (Mill.) Small, Fl. Southeast U.S.: 1338. 1905. H: Herb. LN: Baby jump. Fl. & fr.: February-June. E: Fallow land, Paddy field and River bank. U: Weed. SO: Occasional. RS: KKI-3067 (DACB).

Scoparia dulcis L., Sp. Pl. 1: 116. 1753. H: Herb. LN: Ban dhane. Fl. & fr.: Throughout the year. E: Roadside, Waste place. U: Medicine. SO: Common. RS: KKI-754 (DACB).

Torenia fournieri Linden ex Fourn., Hort. 23: 129, 249. 1876. H: Herb. LN: Begunia. Fl. & fr.: April-August. E: Moist land, Wet place and Roadside. U: Weed. SO: Occasional. RS: KKI-1672 (DACB).

Torenia violacea (Azaola ex Blanco) Pennell, J. Arnold Arbor. 24 (3): 255. 1943. H: Herb. LN: Begunia. Fl. & fr.: August-November. U: Weed. SO: Common. RS: KKI-1547, 2810 (DACB).

Family: **Molluginaceae**

Mollugo pentaphylla L., Sp. Pl.: 89. 1753. H: Herb. LN: Khetpapra. Fl. & fr.: June-January. E: Follow land, Waste place. SO: Common. RS: KKI-2842 (DACB).



Saraca asoca



Saurauia roxburghii



Solanum aethiopicum



Spilanthes radicans



Sterculia balanghas



Strobilanthes dimorphotricha



Tetrameles oblongifolia



Wallichia oblongifolia (female)



Wallichia oblongifolia (male)

Family: **Gesneriaceae**

Rhynchothecum ellipticum (Wall. ex D.Dietr.) A.DC., Prodr. 9: 285. 1845. H: Herb. LN: Choedhima, Paich. Fl. & fr.: June-September. E: Along stream. U: Weed. SO: Occasional. RS: KKI-979 (DACB).

Stauranthera grandifolia Benth., Scroph. Ind.: 57. 1835. H: Herb. LN: Abangandhi. Fl. & fr.: May-September. E: Hill slope near stream. SO: Rare. RS: KKI-1647 (DACB).

Family: **Acanthaceae**

Barleria polytricha Wall., Pl. Asiat. Rar. 1: P. 82. 1830. H: Shrub. LN: Kata janti. Fl. & fr.: October-February. E: Hill slope. O: Rare. RS: KKI-3299 (DACB).

Barleria strigosa Willd. var. **terminalis** (Nees) C.B.Clarke in Hook.f., Fl. Brit. Ind. 4: 490. 1884. H: Shrub. LN: Dasi, Banmali, Ori. Fl. & fr.: November-March. E: Hill slope. SO: Rare. RS: KKI-3031 (DACB).

Dicliptera bupleuroides Nees in Wall., Pl. Asiat. Rar. 3: 111. 1832. *Justicia chinensis* auct. non L., Wall. Cat. 74. 2466 D. 1830. H: Herb. LN: Kaladharu. Fl. & fr.: June-October. E: Hill slope. SO: Rare. RS: KKI-3526 (DACB).

Dicliptera chinensis (L.) Juss., Ann. Mus. Natl. Hist. Nat. 9: 268. 1807. *Justicia chinensis* L., Sp. Pl. 1: 16. 1753. H: Herb. LN: Jihbaful. Fl. & fr.: January-September. E: Hill slope. SO: Rare. RS: KKI-3430 (DACB).

Eranthemum album Nees in DC., Prodr. 11: 455. 1847. H: Under shrub. LN: Muralipata, Shada murali. Fl. & fr.: March-July. E: Dry places of hill slope. SO: Rare. RS: KKI-3199 (DACB).

Eranthemum macrophyllum Wall. ex Nees, Pl. Asiat. Rar. 3: 106. 1832. H: Herb. Fl. & fr.: January-May. E: Forest margine. SO: Rare. RS: KKI-3485 (DACB).

Eranthemum pulchellum Andrews, Bot. Rep.: 88. 1800. H: Shrub. LN: Shukh murali. Fl. & fr.: February-April. E: Garden. SO: Occasional. RS: KKI-3125 & 998 (DACB).

Eranthemum strictum Coleb. ex Roxb., Fl. Ind. 1: 114. 1820. H: Herb. LN: Khara murali. Fl. & fr.: January-May. E: Forest undergrowth. SO: Rare. RS: KKI-857 (DACB).

Gymnostachyum listeri Prain, J. Asiat. Soc. Bengal, Pt. 2, Nat. Hist. 69: 171. 1900. H: Sub-shrub. Fl. & fr.: Apri-Mayl. E: Hill slope. SO: Rare. RS: KKI-1089 (DACB).

Hemigraphis hirta (Vahl) T.Ander., J. Linn. Soc. 9: 462. 1867. H: Creeping herb. LN: Buripana. Fl. & fr.: January-July. E: Hill top. SO: Rare. RS: KKI-3449 (DACB).

Hygrophila erecta (Burm.f.) Hochr., Candollea 5: 230. 1934. H: Herb. Fl. & fr.: October-January. E: Marshy place near ditche and water. SO: Common. RS: KKI-798 (DACB).

Hygrophila phlomoides Nees in Wall., Pl. Asiat. Rar. 3: 80. 1832. H: Herb. Fl. & fr.: October-December. E: Marshy land. SO: Rare. RS: KKI- 760 (DACB).

Hygrophila ringens (L.) R.Br. ex Spreng., Syst. Veg. 2: 828. 1825. H: Herb. LN: Kakmasha. Fl. & fr.: November-March. E: Moist and Marshy places. SO: Occasional. RS: KKI-3981 (DACB).

Justicia adhatoda L., Sp. Pl.: 15. 1753. *Adhatoda vasica* Nees, Pl. Asiat. Rar. 3: 103. 1832. H: Shrub. LN: Sada Basak. Fl. & fr.: January-April. E: Village thicked. U: Medicine. SO: Occasional. RS: KKI-1003 (DACB).

Lepidagathis incurva Buch.-Ham. ex D.Don, Prodr. Fl. Nepal: 119. 1825. H: Herb. LN: Haya. Fl. & fr.: March-May. E: Moist and damp place. SO: Common. RS: KKI-3296 (DACB).

Nelsonia canescens (Lam.) Spreng., Syst. Veg. 1: 42. 1824. H: Herb. LN: Paramul. Fl. & fr.: October-February. E: Waste place. SO: Common. RS: KKI-3448 (DACB).

Neuracanthus tetragonostachyus Nees, Pl. Asiat. Rar. 3: 97 1832. H: Subshrub. Fl. & fr.: March-July. E: Hilly moist area. SO: Rare. RS: MSI-6962 (DACB).

Phaulopsis imbricata (Forssk.) Sweet, Hort. Brit. ed. 1: 327. 1827. *Ruellia imbricata* Forssk., Fl. Aegypt.-Arab.: 113. 1775. H: Herb. LN: Kantashi. Fl. & fr.: December-March. E: Waste place. SO: Common. RS: KKI-877 (DACB).

Phlogacanthus guttatus Nees, Pl. Asiat. Rar. 3: 99. 1832. *Justicia guttata* Wall., Pl. Asiat. Rar. 1: 24. 28. 1830. H: Shrub. Fl. & fr.: December-April. E: Hill slope. SO: Occasional. RS: KKI-3164 (DACB). IHI-1051 (DACB).

Phlogacanthus thyriformis (Roxb. ex Hardw.) Mabb., Bot. Hist. *Hortus Malabaricus* 189. 1980. H: Shrub. LN: Ram basak, Baghatita. Fl. & fr.: December-February. E: Hilly area. U: Medicine. SO: Occasional. RS: KKI-3505 (DACB).

Rhinacanthus calcaratus Nees in Wall., Pl. Asiat. Rar. 3: 109. 1832. H: Under shrub. LN: Kalkapana. Fl. & fr.: January-March. E: Near stream. SO: Very rare. RS: KKI-3544 & 1156 (DACB).

Rungia pectinata (L.) Nees., Prodr. 11: 470. 1847. *Justicia pectinata* L., Amoen. Acad. 4: 299. 1760. H: Herb. LN: Pindi, Punaka-pundu. Fl. & fr.: November-May. E: Shady place. SO: Common. RS: KKI-947 (DACB).

Staurogyne argentea Wall., Pl. Asiat. Rar. 2: 80. 186. 1831. H: Herb. LN: Chongra lej, Sangra lej. Fl. & fr.: September-December. E: Hill slopes. SO: Common. RS: KKI-906 & 3220 (DACB).

Strobilanthes dimorphotricha Hance, J. Bot. 21: 355. 1883. H: Herb. Fl. & fr.: August-April. E: Streamside. SO: Very rare. RS: KKI-3573 & 3557 (DACB); MSI-7000 (DACB).

Strobilanthes rufescens T. Anderson, J. Linn. Soc. 9: 472. 1867. H: Bushy shrub. LN: Rafibila. Fl. & fr.: December-April. E: Streamside. SO: Occasional. RS: KKI-3590 (DACB).

Strobilanthes scaber Nees, Pl. Asiat. Rar. 3. 84. 1832. H: Pubescent herb. LN: Holud kolki phul. Fl. & fr.: January-April. E: Hill slope. SO: Occasional. RS: KKI-3442 (DACB).

Thunbergia grandiflora (Roxb. ex Rottl.) Roxb., Bot. Reg. 6: 495. 1820. *Thunbergia cordifolia* Nees in DC, Prodr. 11: 55. 1847. H: Climber. LN: Nil lata. Fl. & fr.: May-November. U: Medicine. SO: Common. RS: KKI-3982 (DACB).

Family: **Pedaliaceae**

Sesamum indicum L., Sp. Pl. 634. 1753. H: Herb. LN: Til. Fl. & fr.: April-June. E: Cultivated land. U: Oil. SO: Cultivated. RS: KKI-1697 (DACB).

Family: **Bignoniaceae**

Fernandoa adenophylla (Wall. ex G. Don) van Steenis, Blumea 23: 135. 1976. *Bignonia adenophylla* Wall. ex G. Don., Gen. Hist. 4: 22. 1837. H: Tree. LN: Dakrum. Fl. & fr.: April-November. E: Hill top. U: Timber. SO: Very rare. RS: KKI-3209 (DACB).

Oroxylum indicum (L.) Kurz, Fl. Brit. Burma 2: 237. 1877. *Bignonia indica* L., Sp. Pl. 2: 625. 1753. H: Tree. LN: Kanaidingi, Sanapatha, Shona. Fl. & fr.: June-March. E: Thickets, Hill slope. U: Vegetable. SO: Common. RS: IH-1186 (DACB).

Stereospermum tetragonum DC., Biblioth. Universelle Genève *n.s.* 17: 124. 1838. *Stereospermum colais* (Buch.-Ham. ex Dillw.) Mabb., Pflanz. 4, 3b: 244. 1979. H: Tree. LN: Dharmara, Pahari-awal, Atkapali. Fl. & fr.: April-November. E: Hill top. U: Timber. SO: Common. RS: KKI-3134 (DACB).

Family: **Sphenocleaceae**

Sphenoclea zeylanica Gaertn., Fruct. 1: 113. 1788. H: Herb. LN: Jhil marich. Fl. & fr.: April-November. E: Wet land. U: Weed. SO: Common. RS: KKI-973 (DACB).

Family: **Campanulaceae**

Cyclocodon lancifolius (Roxb.) Kurz, Flora 55: 303. 1872. *Campanumoea lancifolia* (Roxb.) Merr., Enum. Philipp. Fl. Pl. 3: 587. 1923. H: Herb. LN: Atosigede. Fl. & fr.: Throughout the year. E: Near stream and hill slope. SO: Occasional. RS: KKI-2839 (DACB).

Family: **Rubiaceae**

Aidia densiflora (Wall.) Masam., Sci. Rep. Kanazawa Univ., Biol. 4: 85. 1955. *Webera oppositifolia* Roxb., Fl. Ind. 2: 535. 1824. H: Tree. LN: Haddigach, Lohamari. Fl. & fr.: January-June. E: Hill forest. SO: Rare. RS: KKI-3462 (DACB).

Chassalia curviflora Thw., Enum.Pl. Zeyl. 150. 1859. H: Shrub. LN: Hel gaas. Fl. & fr.: April-February. E: Hill forest. SO: Occasional. RS: KKI-2909 (DACB).

Coffea arabica L., Sp. Pl.: 172. 1753. H: Small tree. LN: Coffee. Fl. & fr.: March-December. E: Planted. U: Beverage. SO: Occasional. RS: MSI-1231 (DACB).

Gardenia coronaria Buch.-Ham., Syme's Embassy Ava II. 3: 307. 22. 1825. H: Large tree. LN: Bela, Bata, Botta. Fl. & fr.: March-December. E: Hill slope, Forest margins. U: Timber. SO: Common. RS: KKI-914 (DACB).

Haldina cordifolia (Roxb.) Ridsdale, Blumea 24: 361. 1978. H: Largr tree. LN: Haldu, Kaika, Dakrum. Fl. & fr.: April-May. E: Roadside, Hill top. U: Timber. SO: Rare. RS: KKI-929 & 3062 (DACB).

Hedyotis auricularia L., Sp. Pl.: 101. 1753. *Oldenlandia auricularia* (L.) K. Schum., Nat. Pflanzenfam. 4(4): 25. 1891. H: Herb. LN: Mutia lata. Fl. & fr.: October-February. E: Moist soil. SO: Occasional. RS: KKI-1709 (DACB).

Hedyotis corymbosa (L.) Lam., Tab. Encycl. 1: 272. 1791. *Oldenlandia corymbosa* L., Sp. Pl. 1: 119. 1753. H: Herb. LN: Panki, Bhutitida. Fl. & fr.: Throughout the year. E: Waste land. SO: Common. RS: KKI-1748 (DACB).

Hedyotis diffusa Willd., Sp. Pl. 1: 566. 1797. *Oldenlandia diffusa* (Willd. Roxb., Hort. Bengal.: 11. 1814. H: Herb. LN: Khetpapa. Fl. & fr.: July-December. E: Sandy soil. SO: Common. RS: KKI-3671 (DACB).

Hedyotis scandens Roxb., Fl. Ind. 1: 369. 1820. H: Scandling climber. LN: Bishlata, Guji. Fl. & fr.: Throughout the year. E: Grassland. SO: Common. RS: KKI-3621 (DACB).

Hedyotis thomsonii Hook.f., Fl. Brit. Ind. 3: 63. 1880. *Oldenlandia thomsonii* (Hook.f.) Kuntze, Revis. Gen. Pl. 1: 293. 1891. H: Herb. Fl. & fr.: August-December. E: River bank. SO: Rare. RS: KKI-806 (DACB).

Hedyotis verticillata (L.) Lam., Tab. Encylo. 1: 271. 1791. *Oldenlandia verticillata* L., Mant. Pl. 1: 40. 1767. H: Scandling climber. Fl. & fr.: July-October. SO: Common. RS: KKI-3327 (DACB).

Hedyotis vestita R.Br. ex G. Don, Gen. Syst. Gard. Bot. 3: 527. 1834. H: Herb. Fl. & fr.: Throughout the year. SO: Occasional. RS: KKI-1106 (DACB).

Hymenodictyon orixensis (Roxb.) Mabb., Taxon 31: 66. 1982. H: Tree. LN: Gomria gamar, Bhutum, Bhuikadam. Fl. & fr.: July-February. SO: Very rare. RS: KKI-3411 (DACB).

Hyptianthera stricta (Roxb. ex Schult.) Wight & Arn., Prodr. Fl. Ind. Orient. 399. 1834. H: Shrub. LN: Tahi Seing. Fl. & fr.: February-May. SO: Common. RS: KKI-967 (DACB).

Ixora acuminata Roxb., Fl. Ind. 1: 383. 1820. H: Shrub. LN: Natarangan. Fl. & fr.: May-December. E: Forest area. SO: Occasional. RS: KKI-1091 (DACB).

Ixora nigricans R.Br. ex Wight & Arn., Prodr. 1: 428. 1834. H: Shrub. LN: Dikranga. Fl. & fr.: Throughout the year. E: Roadside. SO: Rare. RS: KKI-3453 (DACB).

Ixora pavetta Andr., Bot. Rep. 78. 1799. H: Shrub. LN: Swetrangan. Fl. & fr.: March-June. E: Hill forest. SO: Occasional. RS: MSI-2310 (DACB).

Mitracarpus hirtus (L.) DC., Prodr. 4: 572 1830. H: Herb. Fl. & fr.: September-March. E: Hill top. SO: Common. KKI-3445 (DACB).

Mitragyna diversifolia (Wall. ex G. Don) Havil., J. Linn. Soc. 33: 71. 1897. *Stephegyne parvifolia* Korth., Verh. Nat. Gesch. Ned. Bezitt., Bot. 161. 1842. H: Tree. LN: Phuti kadam. Fl. & fr.: August-November. E: In forest. U: Firewood. SO: Rare. RS: KKI-3205 (DACB).

Mitragyna parvifolia (Roxb.) Korth. var. **microphylla** (Kurz) Ridsdale, Blumea 24(1): 64. 1978. H: Tree. LN: Dakrom, Keli kodom, Phuti kadam. Fl. & fr.: November-January. E: Forest floor. U: Firewood. SO: Common. RS: KKI-2988 (DACB).

Morinda angustifolia Roxb., Pl. Coromandel 3: 32. 1815. H: Small tree. LN: Bano mali. Fl. & fr.: December-September. E: Forest edge. U: Medicine. SO: Occasional. RS: KKI-1751 (DACB).

Morinda persicaefolia Ham., Trans. Linn. Soc. 13: 535. 1826. H: Small tree. LN: Kobabena. Fl. & fr.: March-August. E: Hill slope near roadside. SO: Rare. RS: KKI- (DACB).

Mucuna pruriens (L.) DC., Prodr. 2: 405. 1825. H: Climber. LN: Al kushi. Fl. & fr.: October-March. E: Village thickets. U: Medicine. SO: Common. RS: KKI-808 (DACB).

Mussaenda frondosa L., Sp. Pl. 1: 177. 1753. H: Shrub. LN: Sadapata. Fl. & fr.: Throughout the year. E: Along stream. SO: Common. RS: KKI-2818 (DACB).

Mussaenda macrophylla Wall. in Roxb., Fl. Ind. 2: 228. 1824. H: Shrub. LN: Poparifroo. Fl. & fr.: Throughout the year. E: Hill slope and Valley. SO: Occasional. RS: KKI-1583 (DACB).

Mussaenda roxburghii Hook.f., Fl. Brit. Ind. 3: 87. 1880. H: Shrub. LN: Silchauri, Sildauro. Fl. & fr.: May-November. E: Hill slope and stream. SO: Common. RS: KKI-3983 (DACB).

Mycetia longifolia (Wall.) O.Kuntze, Rev. Gen. Pl. 1: 289. 1891. H: Shrub. LN: Threng sa. Fl. & fr.: June-March. E: Along forest. SO: Common. RS: KKI-2904 (DACB).

Mycetia malayana (G.Don) Craib, Bull. Misc. Inform. Kew 1914: 29 1914. H: Shrub. Fl. & fr.: Throughout the year. E: Along streamt. SO: Occasional. RS: KKI-811 (DACB).

Myrioneuron nutans Wall. ex Kurz, Forest Fl. Brit. Burma 2: 55. 1877. H: Shrub. Fl. & fr.: April-January. E: Hill slope. SO: Occasional. RS: KKI-2905 (DACB).

Neolamarckia cadamba (Roxb.) Bosser, Bull. Mus. Hist. Nat. Paris, ser. 6, sec. B, Adans. 3: 247. 1984. H: Tree. LN: Kadam, Bul-Kadam. Fl. & fr.: July-November. E: Along forest. SO: Common. RS: KKI-3415 (DACB).

Ophiorrhiza mungos L., Sp. Pl. 1753. H: Herb. LN: Kellarazi, Gandhali. Fl. & fr.: Throughout the year. E: Moist shady place. SO: Common. RS: KKI-1532 (DACB).

Ophiorrhiza rugosa var. **prostrata** (D.Don) Deb & Mondal, Bull. Bot. Surv. India 24: 228. 1983. *Ophiorrhiza harrisiana* B. Heyne ex Hook.f., Fl. Brit. Ind. 3: 78. 1880. H: Herb. LN: Jari. Fl. & fr.: April-November. E: Moist shady place. SO: Common. RS: KKI-2893 (DACB).

Paederia foetida L., Mant. 1: 52. 1767. H: Climber. LN: Gandha bhadali. Fl. & fr.: June-January. E: Village thickets, Forest exposure. U: Medicine, Vegetable. SO: Common. RS: MSI-3010 (DACB).

Paederia lanuginosa Wall., Pl. Asiat. Rar. 2: 52, 165. 1831. H: Climber. LN: Wama, Bon gandha badhali. Fl. & fr.: June-January. E: Forest floor. SO: Occasional. RS: KKI-1732 & 3323 (DACB).

Pavetta assamica Bremek., Feddes Repert. 37: 119. 1934. H: Shrub. LN: Banamali, Bishphol. Fl. & fr.: Novemver-July. E: Moist low land. SO: Rare. RS: KKI-2858 (DACB).

Pavetta indica L., Sp. Pl.: 110. 1753. H: Small tree. LN: Bano mali. Fl. & fr.: June-April. E: Hill slope, Forest edge. SO: Common. RS: KKI-2810 & 2895 (DACB).

Psychotria adenophylla Wall. in Roxb., Fl. Ind., ed. Carey & Wall. 2: 166. 1824. H: Shrub. LN: Bara Bhutan. Fl. & fr.: May-November. E: Forest floor. SO: Common. RS: KKI-2891 (DACB).

Rauvolfia serpentina (L.) Benth. ex Kurz, For. Fl. Brit. Burma 2: 171. 1877. H: Shrub. LN: Sorpoghanda. Fl. & fr.: April-October. E: Waste land. U: Medicine. SO: Common. RS: KKI-1076 (DACB).

Spermacoce articularis L.f., Suppl. Pl.: 119. 1782. H: Herb. LN: Daru kray. Fl. & fr.: August-December. E: Roadside. SO: Common. RS: KKI-3326 & 3106 (DACB).

Spermacoce latifolia Aublet, Hist. Pl. Guiane Frtan. 1: 55, 19. 1775. H: Herb. LN: Ghuoijhil shag. Fl. & fr.: December-April. E: Roadside. SO: Common. RS: KKI-1690 (DACB).

Spermacoce ocymoides Burm.f., Fl. Ind. 34. 1768. H: Herb. LN: Arunpata. Fl. & fr.: September-November. E: Roadside. SO: Common. RS: KKI-3380 (DACB).

Spermacoce verticillata L., Sp. Pl. 102. 1753. H: Herb. LN: Arunpata. Fl. & fr.: December-May. E: Roadside. SO: Rare. RS: KKI- (DACB).

Tarenna campaniflora (Hook.f.) Balakrishnam, Bull. Bot. Surv. India 22(1-4): 175. 1982. *Webera campaniflora* Hook.f., Fl. Brit. Ind. 3: 106. 1880. H: Shrub. LN: Kakra. Fl. & fr.: January-November. E: Shady hilly slope. SO: Common. RS: KKI-994 (DACB).

Uncaria macrophylla Wall. in Roxb., Fl. Ind. 2: 132.1824. H: Woody climber. Fl. & fr.: December-February. E: Hill slope. SO: Occasional. RS: KKI-3279 (DACB).

Uncaria sessilifructus Roxb., Fl. Ind. 2: 128. 1824. H: Woody climber. LN: Vaiful lata. Fl. & fr.: October-February. E: Hill slope. SO: Rare. RS: KKI-1015 (DACB).

Family: **Asteraceae**

Acmella calva (DC.) R.K. Jansen, Syst. Bot. Monogr. 8: 41. 1985. *Spilanthes calva* DC. in Wight, Contr. Bot. Ind., 19. 1834. H: Herb. LN: Nag phul, Surja Kannya. Fl. & fr.: Throughout the year. E: Waste places. SO: Common. RS: KKI-815 (DACB).

Acmella oleracea (L.) R.K. Jans., Syst. Bot. Monogr. 8: 65. 1985. *Spilanthus oleracea* L., Syst. Nat. ed. 12, 2: 534. 1767. H: Herb. LN: Palong, Nag phul, Ajon-sag. Fl. & fr.: February-October. E: Waste land, Jhums field. SO: Occasional. RS: KKI-923 (DACB).

Acmella paniculata (Wall. ex DC.) R.K. Jansen, Syst. Bot. Monogr. 8: 67. 1985. *Spilanthus paniculata* Wall. ex DC., Prodr. 5: 625. 1836. H: Herb. Fl. & fr.: February-October. E: Waste land. SO: Occasional. RS: KKI-3406 (DACB).

Acmella radicans (Jacq.) R.K. Jansen, Syst. Bot. Monogr. 8: 69. 1985. *Spilanthus radicans* Jack., Coll. 3: 229. 1791. H: Herb. LN: Nag phul. Fl. & fr.: Throughout the year. E: Waste land, River bank. U: Medicine. SO: Common. RS: KKI-784 & 3124 (DACB).

Ageratum conyzoides L. Sp. Pl.: 839. 1753. H: Herb. LN: Ochunti, Fulkuri. Fl. & fr.: November-June. U: Medicine. E: Waste land. SO: Common. RS: KKI-850 (DACB).

Bidens pilosa L., Sp. Pl.: 832. 1753. H: Herb. Ln: Bidentosa. Fl. & fr.: April-July. E: Waste land, River bank. SO: Occasional. RS: KKI-1078 & 1674 (DACB).

Blumea laciniata (Roxb.) DC., Prodr. 5: 436. 1836. H: Herb. LN: Borotara. Fl. & fr.: November-March. E: Waste land. SO: Occasional. RS: KKI-875 (DACB).

Blumea balsamifera DC., Prodr. 5: 466. 1836. H: Shrub. LN: Kakronda. Fl. & fr.: December-March. E: Roadside. U: Medicine. SO: Rare. RS: KKI-3476 (DACB).

Blumea fistulosa (Roxb.) Lurz, J. Asiat. Soc. Beng. 46(2): 187. 1877. *Conyza fistulosa* Roxb., Fl. Ind. 3: 429. 1832. H: Herb. LN: Nagorsola. Fl. & fr.: November-April. E: Hill top. SO: Rare. RS: KKI-1134 & 3643a (DACB).

Blumea lacera (Burm.f.) DC. in Wight, Contr. Bot. Ind.: 1834. *Conyza lacera* Burm.f. Fl. Ind.: 97. 1956. H: Herb. LN: Shialmuthi, Kukurshunga. Fl. & fr.: November-July. E: Waste land, Roadside. U: Medicine. SO: Common. RS: KKI-3465 (DACB).

Blumea lanceolaria (Roxb.) Druce, Bot. Soc. Exch. Club Br. Isles 4: 609. 1916. *Conyza lanceolaria* Roxb., Fl. Ind. ed. 2. 3: 432. 1832. H: Herb. LN: Borotara. Fl. & fr.: November-March. E: Along stream. SO: Rare. RS: KKI-1557 (DACB).

Blumea mollis (D. Don) Merr., Philipp. J. Sci. 5: 395. 1910. H: Herb. LN: Nilmoni. Fl. & fr.: February-December. E: Roadside, Open field. SO: Occasional. RS: KKI-3675 (DACB).

Blumea virens Qall. ex DC. in Wight, Contr. Bot. Ind.: 14. 1834. H: Herb. Fl. & fr.: January-March. E: Hill top. SO: Occasional. RS: KKI-3164 (DACB).

Celosia argentea L., Sp. Pl. 205. 1753. H: Herb. LN: Murogphul. Fl. & fr.: August-January. U: Ornamental. SO: Cultivated. RS: KKI-981 (DACB).

Celosia spicata Spreng., Syst. Veg. 1: 815. 1824. H: Herb. LN: Lampdu. Fl. & fr.: September-December. U: Ornamental. E: Wasteland. SO: Rare. RS: KKI-1072 (DACB).

Chromolaena odorata (L.) R.M. King & H. Rob., Phytologia 20: 204. 1970. *Eupatorium odoratum* L., Syst. Nat. ed. 10. 2: 1205. 1759. H: Herb. LN: Jarman lata, Tofaina lata. Fl. & fr.: November-May. E: Open place. U: Medicine. SO: Common. RS: KKI-1040 (DACB).

Cirsium arvense (L.) Scop., Fl. Carn. ed. 2 (2): 126. 1772. H: Herb. LN: Shial kanta. Fl. & fr.: February-June. E: Roadside. U: Medicine. SO: Occasional. RS: MSI-1260 (DACB).

Conyza floribunda Kunth in H.B. & K., Nov. Gen. Sp. 4: 73. 1820. *Erigeron sumatrensis* Retz., Observ. Bot. (Retzius) 5: 28. 1788. H: Herb. LN: Asthma weed. Fl. & fr.: September-February. E: Hill slope. SO: Common. RS: KKI-3622 (DACB).

Cotula hemispherica (Roxb.) Wall. ex C.B. Clarke, Comp. Ind.: 150. 1876. H: Herb. LN: Kacha gash. Fl. & fr.: December-March. E: Wet fallow land. SO: Occasional. RS: KKI-3657 (DACB).

Crassocephalum crepidioides (Benth.) S.Moore, J. Bot. 1: 211. 1921. H: Herb. LN: Samapao. Fl. & fr.: September-May. E: Wet hill slope. SO: Common. RS: KKI-984 & 1033 (DACB).

Eclipta alba (L.) Hassk., Pl. Jav. Rar.: 528. (1848). *Eclipta prostrata* (L.) Mant., Mant. Pl. 2: 286. 1771. H: Herb. LN: Kalokeshi, Kesaraj. Fl. & fr.: Throughout the year. E: Damp waste. U: Medicine. SO: Common. RS: KKI-885 (DACB).

Elephantopus scaber L., Sp. Pl.: 814. 1753. H: Herb. LN: Shamdulam. Fl. & fr.: November-March. E: Roadside. U: Medicine. SO: Common. RS: KKI-3984 (DACB).

Emilia sonchifolia (L.) DC. in Wight, Contrib.: 24. 1834. H: Herb. LN: Sadimudi, Fao-ma. Fl. & fr.: Throughout the year. E: Foot hill, Open field. U: Medicine. SO: Occasional. RS: KKI-1686 & 3186 (DACB).

Enhydra fluctuans Lour., Fl. Cochinch.: 511. 1790. H: Aquatic herb. LN: Helencha. Fl. & fr.: January-April. E: Wetland, Pond. U: Vegetable, Medicine. SO: Common. RS: KKI-3665 (DACB).

Gnaphalium pensylvanicum Willd., Enum, Hort. Berol.: 867. 1809. H: Herb. LN: Silvalomi. Fl. & fr.: January-April. E: Cultivated field. SO: Common. RS: MSI-2601 (DACB).

Laggera alata (D.Don) Sci.-Bip. *ex* Oliver, Trans. Linn. Soc. 29: 94. 1873. H: Herb. Fl. & fr.: February-May. E: Waste land, River bank. SO: Rare. RS: KKI-3640a (DACB).

Laggera pterodonta (DC.) Sch.Bip. *ex* Oliv., Trans. Linn. Soc. 39 (1873) 94 1873. *Blumea pterodonta* DC. in Wight, Contr. Bot. Ind.: 16. 1834. H: Herb. LN: Nilpata. Fl. & fr.: January-March. E: Hill top. SO: Rare. RS: KKI-3163 & 3194b (DACB).

Laphangium luteoalbum (L.) Tzvelev, Byull. Moskovsk. Obshch. Isp. Prir. Otd. Biol. 98(6): 105. 1993. H: Herb. LN: Bara Kamra. Fl. & fr.: Throughout the year. E: Moist fallow land. SO: Common. RS: KKI-3654 (DACB).

Mikania cordata (Burm.f.) B.L. Rob., Contr. Gray Herb. 104: 65. 1934. H: Climber. LN: Assam lata. Fl. & fr.: October-February. E: Bushy jungle, Roadside. U: Medicine. SO: Common. RS: KKI-1041 (DACB).

Pseudoelephantopus spicatus (Juss. *ex* Aubl.) Gleason, North Amer. Pl. Guian. 2: 808. 1775. *Elephantopus spicatus* Aubl., Hist. Pl. Gui. 2: 808. 1775. H: Herb. LN: Kukurjihba. Fl. & fr.: Throughout the year. E: Waste land. SO: Common. RS: KKI-935 (DACB).

Sonchus wightianus DC., Prodr. 7:187. 1838. H: Herb. Fl. & fr.: November-June. E: Near stream. SO: Rare. RS: KKI-3183 (DACB).

Synedrella nodiflora (L.) Gaertn., Fruct. Sem. Pl. 2: 456. 171. 1791. *Verbesina nodiflora* L., Cent. Pl. 1: 128. 1755. H: Herb. Fl. & fr.: Throughout the year. E: Waste place. SO: Common. RS: KKI-1028 (DACB).

Tridax procumbens L., Sp. Pl.: 900. 1753. H: Herb. LN: Tridhara, Tridaxa. Fl. & fr.: Throughout the year. E: Waste place. SO: Common. RS: KKI-1071 (DACB).

Vernonia elaeagnifolia DC., Prodr. 5: 22. 1836. H: Climber. Fl. & fr.: February-March. E: Homesteads. SO: Planted. RS: KKI-1217 (DACB).

Vernonia volkameriaefolia DC., Prodr. 5: 32. 1836. H: Small tree. Fl. & fr.: December-April. E: Thickets, Hilly roadside. SO: Rare. RS: KKI-3489 (DACB).

Xanthium indicum Koen. *ex* Roxb., Fl. Ind. 3: 601. 1832. *Xanthium strumarium* L., Sp. Pl. 2: 987. 1753. H: Herb. LN: Ghagra, Khagra. Fl. & fr.: Throughout the year. E: Fallow land. SO: Common. RS: KKI-955(DACB).

Youngia japonica (L.) DC., Prodr. 7(1): 194. 1838. H: Herb. LN: Matitara, Morogphul. Fl. & fr.: August-July. SO: Occasional. RS: KKI-3447 & 2949 (DACB).

LILIOPSIDA (MONOCOTS)Family: **Limnocharitaceae**

Limnocharia flava (L.) Buch., Abh.Naturwiss. Vereine Bremen 2: 2. 1871. H: Herb. LN: Lettuce pana. E: Floating on water surface. U: Vegetable. SO: Rare. RS: KKI-3920 (DACB).

Family: **Hydrocharitaceae**

Hydrilla verticillata (L.f.) Royle, Bot. Himal. Mts.:1376. 1839. H: Herb. LN: Jhaji, Kanjal. Fl. & fr.: May-October. E: Pond. U: Fish food. SO: Occasional. RS: KKI-800 (DACB).

Family: **Arecaceae**

Areca catechu L., Sp. Pl. 1189. 1753. H: Tree. LN: Supari. Fl. & fr.: March-September. E: Around house. U: Medicine and Fruit. SO: Very common. RS: KKI-3898 (DACB).

Arenga pinnata (Wurmb) Merr., Int. Rumph. Herb. Amb.: 119. 1917. H: Tree. LN: Chini tal. Fl. & fo.: This palm flowers and produces fruit at the age of 20 and then dies. E: Forest area near stream. SO: Very rare. RS: KKI-2945 (DACB).

Borassus flabellifer L., Sp. Pl.: 1187. 1753. H: Tree. LN: Tal. Fl. & fr.: January-October. E: Roadside. U: Fruit. SO: Common. RS: KKI-3924 (DACB).

Calamus tenuis Roxb., Fl. Ind. 3: 780. 1832. H: Climber. LN: Bet. Fl. & fr.: July-April. E: Village thicket. U: Basket, Mat, Chair and furniture. SO: Very common. RS: KKI-3900 (DACB).

Calamus viminalis Willd., Sp. Pl. 2: 203. 1799. H: Climber. LN: Bara bet. Fl. & fr.: Throughout the year. E: Village thicket, Hill slope. U: Basket, Roof, Floor-mats and furniture. SO: Very common. RS: KKI-3899 (DACB).

Cocos nucifera L., Sp. Pl. 1188. 1753. H: Tree. LN: Narical, Daab. Fl. & fr.: March-July. E: Home. Plain land. U: Oil, Coir and toddy. SO: Very common. RS: KKI-3902 (DACB).

Cryota urens L., Sp. Pl. 2: 1189. 1753. H: Tree. LN: Chau, Chau gota. Fl. & fr.: April-September. E: Forest hill. U: Ornamental. SO: Occasional. SR: KKI-3923 (DACB).

Didymosperma gracillis Hook.f., Fl. Brit. Ind. 6: 420. 1820. H: Tree. LN: Gracifuli. Fl. & fr.: September-December. E: Bank of stream. U: Ornamental. SO: Common. RS: KKI-3904 (DACB).

Licuala peltata Roxb., Fl. Ind. 2: 179. 1832. H: Tree. LN: Chhata Pat, Kurud. Fl. & fr.: September-May. E: Moist shady place. U: Thatching and cordage. SO: Rare. RS: KKI-3322 (DACB).

Phoenix sylvestris Roxb., Fl. Ind. 3: 787. 1832. H: Tree. LN: Khejur. Fl. & fr.: December-July. E: Roadside. U: Fruit, Juice. SO: Occasional. RS: KKI-3905 (DACB).

Pinanga gracilis Blume, Rumphia 2: 77. 1839. H: Tree. LN: Ram gua. Fl. & fr.: June-January. E: Hilly forest near stream. U: Ornamental. SO: Rare. RS: KKI-3918 (DACB).

Wallichia oblongifolia Griff., Cal. J. Nat. Hist. 5: 486 .1845. *Wallichia densiflora* Mart., Hist. Nat. Tree. 3: 190. 1838. H: Palm. LN: Dwarf fishtail. Fl. & fr.: April-May. E: Bank of stream. U: Thatching, broom and food. SO: Occasional. RS: KKI-908 & 2866 (DACB).

Family: **Pandanaceae**

Pandanus tectorius Parkinson, H: Shrub. E: Hill top. SO: Very rare. RS: KKI- 3907 (DACB).

Family: **Araceae**

Aglaonema hookerianum Schott, Bonplandia. 7: 30. 1859. *Aglaonema clarkei* Hook.f., Fl. Brit. Ind. 6: 529. 1893. H: Herb. LN: Harins sak, Shakkosala. Fl. & fr.: June-July. E: Hilly forest. U: Ornamental. SO: Common. RS: KKI-3576, 989 (DACB).

Alocasia acuminata Schott, Bonpland. 7: 28. 1859. H: Herb. LN: Kachu. Fl. & fr.: May-August. E: Shady place. SO: Common. RS: KKI-3904 (DACB).

Alocasia macrorrhiza (L.) G.Don, Hort. Brit. ed. 3: 63. 1839. H: Herb. LN: Fankachu, Mankachu. Fl. & fr.: July-October. E: Damp homestead. U: Medicine, Vegetable. SO: Occasional. RS: KKI-3908 (DACB).

Alocasia navicularis C.Koch & Bouche, Ind. Sem. Hort. Berol. App.: 2. 1855. H: Herb. LN: Ban-kachu. fl. & fr.: June-August. E: Hill foot. SO: Occasional. RS: KKI-3922 (DACB).

Amorphophallus bulbifer (Roxb.) Blume, Rumphia 1: 148. 1837. H: Herb. LN: Jongli-ol. Fl. & fr.: May-October. E: Moist and shady place. U: Vegetable. SO: Occasional. RS: KKI-2998 (DACB).

Amorphophallus paeoniifolius (Dennst.) Nicolson, Taxon 26: 337. 1977. *Amorphophallus paeoniifolius* var. *campanulatus* (Decne.) Sivad., Taxon 32: 130. 1983. H: Herb. LN: Olkachu. Fl. & fr.: May-November. E: Moist and shady place. U: Vegetable. SO: Occasional. RS: KKI-3252 (DACB).

Colocasia esculenta (L.) Schott in Schott & Endl., Melet. Bot.: 18. 1832. H: Herb. LN: Kachu, Mukhi kachu. Fl. & fr.: May-October. E: Shady place. U: Vegetable. SO: Common. RS: KKI-3924 (DACB).

Colocasia fallax Schott, Bonplandia 7: 28. 1859. H: Herb. LN: Bankachu, Falkachu. Fl. & fr.: May-July. U: Vegetable. SO: Occasional. RS: KKI-3914 (DACB).

Colocasia gigantea (Blume) Hook.f., Fl. Brit. Ind. 6: 524. 1893. H: Herb. LN: Salad kachu. Fl. & fr.: April-September. E: Roadside. U: Vegetable. SO: Occasional. RS: KKI-3128 (DACB).

Homalomena aromatica (Roxb.) ex Sim) Schott & Endl., Melet. Bot.: 20. 1832. H: Herb. LN: La-bang, Ganda kachu. Fl. & fr.: June-September. E: Hill foot and hill slope. U: Vegetable. SO: Occasional. RS: KKI-989 (DACB).

Lasia spinosa (L.) Thwaites, Enum. Pl. Zeyl.: 336. 1864. H: Herb. LN: Kanta kachu. Fl. & fr.: January-November. E: Village thicket, Pond bank. U: Vegetable. SO: Common. RS: KKI-3912 (DACB).

Pothos scandens L., Sp. Pl. 968 1753. H: Creeping Climber. LN: Hatilata. Fl. & fr.: January-December. E: Forest area. SO: Occasional. RS: KKI-3917 (DACB).

Rhaphidophora glauca (Wall.) Schott, Bonplandia (Hannover) 5: 45. 1857. H: Climber on lofty tree. LN: Fidoca. Fl. & fr.: September-May. E: Humid forest. SO: Rare. RS: KKI-3919 (DACB).

Scindapsus officinalis (Roxb.) Schott in Schott & Endl., Melet, Bot. 21. 1832. H: Climber (Creeping) . LN: Kew kola, gaj-pipal. Fl. & fr.: May-October. E: Shady place. SO: Rare. RS: KKI-3913 (DACB).

Stuednera colocasiifolia K.Koch, Wochenschr. Gärtnerei Pflanzenk. 1862: 114. 1862. H: Herb. LN: Ekdaigga kachu. Fl. & fr.: April-May. E: Hill slope near stream. SO: Rare. RS: KKI-3921 (DACB).

Stuednera colocasiodes Hook.f., Fl. Brit. Ind. 6: 520. 1893. H: Herb. Fl. & fr.: April-September. E: Hill slope near stream. SO: Rare. RS: KKI-3912 (DACB).

Stuednera discolor N.D.Br., Gard. Chron. new ser. 4: 708. 1875. H: Herb. LN: Bahari-kachu. Fl. & fr.: May-August. E: Hill slope near stream. U: Ornamental. SO: Rare. RS: KKI-3417 (DACB).

Stuednera gagei K.Krause. Pflanzenr. IV, 23E: 15 1920. H: Herb. Fl. & fr.: April-May. E: Hill slope near stream. SO: very rare. RS: KKI-3919 (DACB).

Family: **Commelinaceae**

Amischotolype mollissima (Blume) Hassk., Flora 46: 391. 1863. *Amischotolype glabrata* (Hassk.) Hassk., Flora 46: 392. 1863. H: Herb. Fl. & fr.: Throughout the year. E: Hill slope near stream. SO: Common. RS: KKI-1652 & 2961 (DACB).

Commelina benghalensis L., Sp. Pl. 1: 41. 1753. H: Herb. LN: Dholpata. Fl. & fr.: February-December. E: Wet place. SO: Common. RS: KKI-1635 (DACB).

Commelina diffusa Burm.f., Fl. Ind.: 18, 1790. *Commelina nudiflora* L., Sp. Pl. 1: 4. 1753. H: Herb. LN: Kanchira. Fl. & fr.: December-January. E: Moist soil. U: Vegetable. SO: Common. RS: KKI-807, 1564 & 3671 (DACB).

Commelina longifolia Lam., Tabl. Encycl. 1: 129. 1791. *Commelina salicifolia* Roxb., Fl. Ind. 1: 176. 1820. H: Herb. LN: Pani kanchira. Fl. & fr.: December-January. U: Cattle fodder. SO: Rare. RS: KKI-1691 (DACB).

Cyanotis cristata (L.) D. Don, Prod. Fl. Nep.: 46. 1825. H: Herb. LN: kanchira. Fl. & fr.: September-April. SO: Rare. RS: KKI-3389 (DACB).

Floscopa scandens Lour., Fl. Cochinch.: 193. 1790. H: Herb. LN: kanchira. Fl. & fr.: September-March. E: Marshy land, Edges of forest. SO: Common. RS: KKI-912 & 1633 (DACB).

Murdannia nudiflora (L.) Brenan, Kew Bull. 7: 189. 1952. *Commelina nudiflora* L., Sp. Pl. 1: 41. 1753. H: Herb. LN: Kanduli, Kureli. Fl. & fr.: April-December. E: Fallow land. SO: Common. RS: KKI-1685 (DACB).

Pollia miranda (H. Lévl.) H. Hara, J. Jap. Bot. 59: 182. 1984. *Pollia minor* Honda, Bot. Mag. (Tokyo) 45: 2. 1931. H: Herb. LN: Chhagol kani. Fl. & fr.: June-August. E: Damp and shady place. SO: Rare. RS: KKI-1523 (DACB).

Family: **Cyperaceae**

Carex continua C. B. Clarke, Fl. Brit. Ind. 6: 717. 1894. H: Herb. Fl. & fr.: May-September. E: Hill slope. SO: Very rare. RS: KKI-3301 (DACB).

Cyperus compactus Retz., Observ. Bot. 5: 10. 1788. H: Herb. LN: Bandoghashi. Fl. & fr.: September-March. SO: Common. RS: KKI-1632 (DACB).

Cyperus cyperoides (L.) Kuntze, Revis. Gen. Pl. 3(2): 333. 1898. H: Herb. LN: Kusha. Fl. & fr.: Throughout the year. SO: Common. RS: KKI-3906 (DACB).

Cyperus difformis L. Cent. Pl. 2: 6. 1756. H: Herb. LN: Mati-heich. Fl. & fr.: August-December. E: Wet and swampy place, Rice field. SO: Common. RS: KKI-934 (DACB).

Cyperus distans L.f., Suppl. Pl. 103. 1782. H: Herb. LN: Pani Malanga. Fl. & fr.: Throughout the year. E: Open place. SO: Common. RS: KKI-3910 (DACB).

Cyperus laxus Lam., Tabl. Encycl. 1: 146. 1791. H: Herb. LN: Alga ghashi. Fl. & fr.: Throughout the year. E: Wet place. SO: Common. RS: KKI-1020 (DACB).

Cyperus rotundus L., Sp. Pl.: 45. 1753. H: Herb. LN: Mutha, Bhadailla. Fl. & fr.: Throughout the year. E: Roadside, Waste place. U: Medicine. SO: Common. RS: KKI-889 (DACB).

Fimbristylis acuminata Vahl, Enum. Pl. Obs. 2: 285. 1805. H: Herb. Fl. & fr.: October-March. SO: Occasional. RS: KKI-1725 (DACB).

Fimbristylis dichotoma (L.) Vahl., Enum. Pl. Obs. 2: 287. 1805. H: Herb. LN: Mati chech. Fl. & fr.: Throughout the year. E: Cultivated ground. SO: Common. RS: KKI-828 (DACB).

Fimbristylis dipsacea (Rottb.) C.B. Clarke in Hook.f. Fl. Brit. Ind. 6: 635. 1893. H: Herb. LN: Dipsa fimbry. Fl. & fr.: Throughout the year. E: River bank, Edge of swamp. SO: Occasional. RS: KKI-3922 (DACB).

Fimbristylis littoralis Gaudich., Voy. Uranie 10: 413. 1829. H: Herb. Fl. & fr.: May-October. E: Muddy place. SO: Occasional. RS: KKI-2833 (DACB).

Kyllinga odorata Vahl, Enum. Pl. Obs. 2: 382. 1805. H: Herb. Fl. & fr.: July-November. E: Open grass lands. SO: Rare. RS: IH-2092 (DACB).

Scleria terrestris (L.) Fassett, Rhodora 26: 159. 1924. H: Herb. Fl. & fr.: March-August. E: Forest floor, Wet grass lands. SO: Common. RS: KKI-1526 (DACB).

Family: **Poaceae**

Bambusa bambos (L.) Voss, Vilmorin's Blumen. ed. 3, 1: 1189. 1896. H: Herb. LN: Kanta banz. Fl. & fr.: April-September. E: Homestead. U: Basketry. SO: Rare. RS: KKI-824 (DACB).

Bambusa tulda Roxb. Fl. Ind. 2: 193. 1832. H: Herb. LN: Mitinga banz. Fl. & fr.: September-May. E: Village homestead, Sandy loam. U: Basketry, Vegetable. SO: Common. RS: KKI-3417 (DACB).

Brachiaria reptans (L.) Gard. & Hubb. in Hook., Ic. Pc. Pl.: 34. 3363. 1938. H: Herb. Fl. & fr.: September-May. E: Roadsides. U: Cattle fodder. SO: Common. RS: KKI-3417 (DACB).

Centotheca lappacea (L.) Desv., Nouv. Bull. Soc. Sci. Philom. Paris 2: 189. 1810. H: Herb. LN: Centughas. Fl. & fr.: June-October. E: Shady place near stream. SO: Common. RS: KKI-3385 (DACB).

Chrysopogon aciculatus (Retz.) Trin., Fund. Agrost.: 188. 1820. H: Herb. LN: Prem-kanta. Fl. & fr.: Throughout the year. E: Roadsides. SO: Common. RS: KKI-3909 (DACB).

Cynodon dactylon (L.) Pers., Syn. Pl. 1: 85. 1805. H: Herb. LN: Durba. Fl. & fr.: July-December. E: Waste land. U: Medicine, Cattle fodder. SO: Common. RS: KKI-3906 (DACB).

Cyrtococcum oxyphyllum (Steud.) Stapf in Hook., Pl.: 3096. 1922. H: Herb. Fl. & fr.: Throughout the year. E: A forest grass. SO: Common. RS: KKI-3908 (DACB).

Cyrtococcum patens (L.) A. Camus, Bull. Mus. Hist. Nat. Paris 27: 118. 1921. H: Herb. LN: Patcocca. Fl. & fr.: Throughout the year. E: Scrub jungles. SO: Occasional. RS: KKI-1575 & 1614 (DACB).

Dactyloctenium aegyptium (L.) P.Beauv., Ess. Agrost. Expl. Pl.: 15. 1812. H: Herb. LN: Makla grass. Fl. & fr.: Throughout the year. E: Waste place. SO: Common. RS: KKI-1837 (DACB).

Digitaria sanguinalis (L.) Scop., Fl. Carn. ed. 2, 1: 52. 1771. *Panicum sanguinale* L., Sp. Pl. ed. 1, 1: 57. 1753. H: Herb. LN: Anguli-ghash. Fl. & fr.: August-October. E: Waste place, Roadside. U: Cattle fodder. SO: Common. RS: KKI-3908 (DACB).

Echinochloa colonum (L.) Link, Hort. Berol. 2: 209. 1833. *Panicum colonum* L., Syst. Nat. ed. 10, 2: 870. 1759. H: Herb. LN: Khude Shama, Shama ghash. Fl. & fr.: Throughout the year. E: Damp rice field. U: Cattle fodder. SO: Common. RS: KKI-1703 (DACB).

Eleusine indica (L.) Gaertn., Fruct. 1: 8. 1788. H: Herb. LN: Chapra. Fl. & fr.: June-August. E: Waste place, River bank. U: Cattle fodder. SO: Common. RS: KKI-3378 (DACB).

Eragrostis unioides (Retz.) Nees ex Steud., Syn. Pl. Glum. 1: 264. 1854. H: Herb. LN: Chira-ghash. Fl. & fr.: Throughout the year. E: Roadside, Stream bank. U: Cattle fodder. SO: Common. RS: KKI-1550 & 3476 (DACB).

Eragrotis tenella (L.) P.Beauv. ex Roem & Schult., Syst. Veg. 2: 576. 1817. H: Herb. LN: Koni ghash. Fl. & fr.: March-September. E: Moist and shady land. U: Cattle fodder. SO: Common. RS: KKI-3927 (DACB).

Hackelochloa granularis (L.) O.Kuntze, Rev. Gen. Pl. 2: 776. 1891. H: Herb. LN: Hekela-ghash. Fl. & fr.: June-January. E: Open grassy place. U: Cattle fodder. SO: Very rare. RS: KKI-3364 (DACB).

Imperata cylindrica (L.) Raeusch., Nom. Bot. ed. 3, 3: 10. 1797. H: Herb. LN: Chhan, Ulo. Fl. & fr.: Throughout the year. E: Fallow land of hill top. U: Cattle fodder. SO: Common. RS: KKI-3933 (DACB).

Melocanna baccifera (Roxb.) Kurz. Prelim. Rep. For. Veg. Pegu. App. B.: 94.1875. H: Herb. LN: Mulli banz, paiyya. Fl. & fr.: April-September. E: Degraded forest, Deep forest. U: Basketry, Vegetable. SO: Common. RS: KKI-3600 (DACB).

Neyraudia reynaudiana (Kunth) Keng *ex* Hitch., Amer. J. Bot. 21: 131. 1934. H: Herb. LN: Renudia. Fl. & fr.: November-February. E: Hill slope, Stream side. U: Cattle fodder, Soil retaining. SO: Occasional. RS: KKI-869 (DACB).

Oplismenus compositus (L.) P.Beauv., Ess. Agrost. 54: 169. 1812. *Panicum compositum* L., P. Pl. ed. 1: 57. 1753. H: Herb. LN: Gohur. Fl. & fr.: Throughout the year. E: Moist place. U: Cattle fodder. SO: Common. RS: KKI-1735 (DACB).

Oryza sativa L., Sp. Pl. 333. 1753. H: Herb. LN: Dhan. Fl. & fr.: Throughout the year. E: Cultivated. U: Cereal. SO: Common. RS: KKI-3361 (DACB).

Paspalum longifolium Roxb., Fl. Ind. 1: 280. 1820. H: Herb. LN: Lambafuli ghash. Fl. & fr.: May-August. E: Hill slope, Waste land. U: Cattle fodder. SO: Common. RS: KKI-3928 (DACB).

Paspalum scrobiculatum L., Mant. Pl. 1: 29. 1767. H: Herb. LN: Goicha, Kodoa dhan. Fl. & fr.: Throughout the year. E: Roadside and Waste land. U: Cattle fodder. SO: Common. RS: IH-2139 (DACB).

Paspalum conjugatum Bergius Act. Helv. Phys.-Math. 7: 129. 8. 1762. H: Herb. LN: Maishya ghash. Fl. & fr.: Throughout the year. E: Waste land, Damp places. U: Cattle fodder. SO: Common. RS: KKI-834 (DACB).

Phragmites karka (Retz.) Trin. *ex* Steud., Bot. 2: 324. 1841. *Arundo karka* Retz., Obs. Bot. 4: 21 1786. H: Herb. LN: Nolkhagra. Fl. & fr.: Throughout the year. U: Thatching and matting. SO: Common. RS: KKI-3929 (DACB).

Pogonatherum crinitum (Thunb.) Kunth, Enum. Pl. 1: 478. 1833. *Andropogon crinitus* Thunb., Syst. Veg. ed. 14 903 1784. H: Herb. Fl. & fr.: Throughout the year. E: Hill slope, Forest. U: Cattle fodder. SO: Common. RS: KKI-1568, 2823 (DACB).

Rottboellia cochinchinensis (Lour.) W.D.Clayton, Kew Bull. 35(4): 817. 1981. H: Herb. LN: Bara Swati. Fl. & fr.: August-March. E: Damp grass land. U: Cattle fodder. SO: Common. RS: KKI-3158 (DACB).

Saccharum officinarum L., Sp. Pl. 54. 1753. H: Herb. LN: Gandari. Fl. & fr.: August-October. E: Cultivated. U: Suger. SO: Common. RS: KKI-3930 (DACB).

Saccharum spontaneum L., Mant. Alt.: 183. 1771. H: Herb. LN: Kash, Kaichha. Fl. & fr.: July-November. E: River bank. U: Soil boinder, Cattle fodder. SO: Common. RS: KKI-3151 (DACB).

Sacciolepis indica (L.) A. Chase, Proc. Biol. Soc. Wash. 21: 8. 1908. H: Herb. LN: Kash, Kaichha. Fl. & fr.: May-December. E: Moist and Swampy place. U: Cattle fodder. SO: Common. RS: KKI-3932 (DACB).

Schizostachyum dullooa (Gamble) R.Majumdar, Fl. Ind. Enum. Monocot: 281. 1989. *Teinostachyum dullooa* Gamble, Ann. Roy. Bot. Gard. Calc. 7: 101, 89. 1896. H: Herb. LN: Dolu Bans, Dhalobanz & Mhraw waah. Fl. & fr.: May-December. E: Hill top up to 400 m altitude. U: Carring water. SO: Rare. RS: KKI-3602 (DACB).

Setaria pumila (Poir.) Roem. & Schult., Syst. Veg. 2: 891. 1817. H: Herb. LN: Shial lejji. Fl. & fr.: Throughout the year. E: Waste place, Roadside, Hill slope. U: Cattle fodder. SO: Common. RS: KKI-3394 (DACB).

Setaria palmifolia (J.Koenig) Stap.f, J. Linn. Soc., Bot. 42: 186. 1914. H: Herb. LN: urodhan. Fl. & fr.: August-December. E: Waste place. U: Cattle fodder. SO: Common. RS: KKI-887 (DACB).

Themeda arundinaceae (Roxb.) Ridl. Trans. Linn. Soc. Ser. 2, 3: 401. 1893. H: Herb. LN: Thema ghash. Fl. & fr.: September-January. E: Roadside. U: House wall. SO: Occasional. RS: KKI-3931 (DACB).

Thysanolaena latifolia (Roxb. ex Horn.) Honda, J. Fac. Sci. Univ. Tokyo, Sect. 3, Bot. 3: 312. 1930. *Thysanolaena maxima* (Roxb.) O. Kuntze, Rev. Gen. Pl. 2: 784. 1891. H: Herb. LN: Jharu phul. Fl. & fr.: December-March. E: Hill slope. U: Brooms. SO: Common. RS: KKI-3568 (DACB).

Zea mays L., Sp. ed. 1, 2: 971. 1753. H: Herb. LN: Bhutta. Fl. & fr.: April-August. E: Cultivated. U: Cereal. SO: Common. RS: KKI-3934 (DACB).

Family: **Bromeliaceae**

Ananas comosus (L.) Merr., Interpr. Herb. Amboin.: 133. 1917. H: Herb. LN: Anarash. Fl. & fr.: February-July. E: Cultivated. U: Fruit, Fibre. SO: Common. RS: KKI-3950 (DACB).

Family: **Musaceae**

Ensete glaucum (Roxb.) Cheesman. Kew Bull. 2: 101. 1947. *Musa glauca* Roxb., Pl. Coromandel 3: 96. 1820. H: Herb. LN: Mukut kola. Fl. & fr.: Throughout the year. E: Cultivated. U: Pig feed. SO: Rare. RS: KKI-3603 (DACB).

Musa ornata Roxb., Fl. Ind. 1: 666.1832. H: Herb. LN: Ram kola, Pahari kola. Fl. & fr.: March-December. E: Hill slope. U: Friut. SO: Common. RS: KKI-2779 (DACB).

Musa paradisiaca L., Sp. Pl. 1043. 1753. *Musa sapientum* L., Syst. Nat. ed. 10: 1303. 1759. H: Herb. LN: Pahari kola. Fl. & fr.: Throughout the year. E: Homestead. U: Friut. SO: Common. RS: KKI-2780 (DACB).

Family: **Zingiberaceae**

Alpinia malaccensis (Brum.f.) Rosc., Trans. Linn. Soc. London 8: 345. 1807. H: Herb. LN: Deotara; Fl. & fr.: May-August. E: Shady place of hill slope. SO: Occasional. RS: KKI-2778, 2778a (DACB).

Amomum dealbatum Roxb., Fl. Ind. 1: 42. 1820. H: Herb. LN: Sada tara, Taruko. Fl. & fr.: April-August. E: Hill slope near stream. U: Medicine. SO: Rare. RS: KKI-2848 (DACB).

Amomum subulatum Roxb., Fl. Ind. 1: 43. 1820. *Cardamomum subulatum* (Roxb.) Kunt., Revis. Gen. Pl. 2: 687. 1891. H: Herb. LN: Lal tara. Fr. & fr. May-August. E: Dense forest near stream. U: Spice, Medicine. SO: Rare. RS: KKI-1544 (DACB).

Curcuma longa L., Sp. Pl. 1: 2. 1753. H: Herb. LN: Halud. Fl. & fr.: August-October. E: Cultivated. U: Medicine, Spice. SO: Common. RS: ASPM-077 (DACB).

Etingera linguiformis (Roxb.) R.M. Smith, Notes Roy. Bot. Gard. Edinburgh 43: 246. 1986. H: Herb. LN: Ching-yang. Fl. & fr.: June-October. E: Hill slope near stream. U: Spice, Medicine. SO: Occasional. RS: KKI-3940 (DACB).

Globba multiflora Wall. ex Baker in Hook.f., Fl. Brit. Ind. 6: 202. 1890. H: Herb. Fl. & fr.: July-September. E: Moist hill slope. SO: Common. RS: ASPM-025 (DACB).

Globba racemosa Sm., Exot. Bot. 2: 115. 1806. *Globba orixensis* Roxb., Asiat. Res. 11: 38. 1810. H: Herb. Fl. & fr.: May-August. SO: Rare. RS: ASPM-012 (DACB).

Globba wengeri (C.E.C.Fisch.) K.J. Williams, Amer. J. Bot. 91: 114 2004. H: Herb. Fl. & fr.: July-November. E: Hill slope near stream. SO: Rare. RS: MSI-6295 (DACB).

Hedychium thyriforme Sm., Cycl. 17: 4 1811. H: Herb. LN: Pala ada. Fl. & fr.: August-February. E: Hill slope near stream. SO: Common. RS: MSI-4245 (DACB).

Hemiorchis pantlingii King, Ann. Roy. Bot. Gard. Calc. 5: 163. 1894. H: Herb. Fl. & fr.: March-April. E: Hill slope, Roadside. SO: Rare. RS: KKI- (DACB).

Mantisia radicalis (Roxb.) D.P.Dam & N.Dam, Bull. Bot. Surv. India 34: 190. 1997. H: Herb. Fl. & fr.: April-November. E: Hill slope near stream. SO: Rare. RS: KKI-3005 and 3005a (DACB).

Mantisia spathulata (Roxb.) Schult., Mant. 1: 49 1822. H: Herb. Fl. & fr.: April-June. E: Hill slope near stream. SO: Rare. RS: KKI-2793 (DACB).

Zingiber officinale Rosc., Trans. Linn. Soc. London 8: 348. 1807. H: Herb. LN: Ada. Fl. & fr.: September-November. E: Cultivated. U: Medicine and Spice. SO: Common. RS: ASPM-059 (DACB).

Family: **Costaceae**

Cheilocostus speciosus (J.König) C.Specht, Taxon 55: 159. 2006. *Costus speciosus* (J.König) Sm., Trans. Linn. Soc. London 1: 249. 1791. H: Herb. LN: Keumul, Kemul, Khustha. Fl. & fr.: September-December. E: Jungle. U: Medicine. SO: Common. RS: ASPM-059 (DACB).

Family: **Cannaceae**

Canna indica L., Sp. Pl. 1: 1753. H: Herb. LN: Kolabati. Fl. & fr.: April-November. E: Planted. U: Ornamental. SO: Common. RS: ASPM-099 (DACB).

Family: **Marantaceae**

Phrynium pubinerve Blume, Enum. Pl. Jav. 1: 38. 1827. H: Herb. LN: Koipat. Fl. & fr.: August-December. E: Wet shade place. U: Wrapping. SO: Common. RS: KKI-3284, 2946 (DACB).

Family: **Pontederiaceae**

Monochoria hastata (L.) Solms in A. DC., Mon. Phan. 4: 523. 1883. H: Herb. LN: Kechor, Kyu-churi. Fl. & fr.: Throughout the year. E: Marchy field. U: Cattle fodder. SO: Common. RS: KKI-2969 (DACB).

Eichhornia crassipes (Mart.) DC., Mon. Phan. 4: 527. 1883. H: Herb. LN: Kachuripana, Dorear-pana. Fl. & fr.: Throughout the year. E: River, Marchy field. U: Cattle fodder. SO: Common. RS: KKI-3942 (DACB).

Family: **Haemodoraceae**

Peliosanthes teta Andr., Bot. Repo. 10. 605. 1810. H: Herb. LN: Napigach. Fl. & fr.: November-February. E: Undergrowth on hill forest. SO: Common. RS: KKI-753 (DACB).

Peliosanthes violacea Wall. ex Baker, J. Linn. Soc., Bot. 17: 504. 1879. H: Herb. Fl. & fr.: November-Ferbruary. E: Undergrowth on hill forest. SO: Occasional. RS: KKI-3949 (DACB).

Family: **Liliaceae**

Asparagus racemosus Willd., Sp. Pl. 2: 152. 1799. H: Herb. LN: Satamuli. Fl. & fr.: November-March. E: Waste place near road. U: Medicine SO: Rare. RS: ASPM-75 (DACB).

Curculigo orchioides Gaertn., Fruct. Sem. Pl. 1: 63. 1788. H: Herb. LN: Talmuli. Fl. & fr.: June-August. E: Forest bed. U: Medicine. SO: Occasional. RS: ASPM-35 (DACB).

Molineria capitulata (Lour.) Herb., Amaryllidaceae 84. 1837. H: Herb. LN: Satipata. Fl. & fr.: February-September. E: Hill slope. SO: Occasional. RS: KKI-1023 (DACB).

Family: **Agavaceae**

Dracaena spicata Roxb., Fl. Ind. 2: 157. 1832. H: Shrub. LN: Drassaena. Fl. & fr.: Throughout the year. E: Hill slope. U: Ornamental. SO: Rare. RS: KKI-1025 (DACB).

Family: **Taccaceae**

Tacca integrifolia Ker Gawl., Bot. Mag. 35: 1448. 1812. H: Herb. LN: Mati munda. Fl. & fr.: March-November. E: Wet hill slope. SO: Rare. RS: ASPM-179 (DACB).

Family: **Smilacaceae**

Smilax lanceifolia Roxb., Fl. Ind. 3: 792. 1832. H: Climber. LN: Kumarika. Fl. & fr.: September-December. E: Forest bushes. SO: Rare. RS: KKI-2973 (DACB).

Smilax ovalifolia Roxb., Fl. Ind. ed. 3: 794. 1832. *Smilax macrophylla* Roxb., Fl. Ind. ed. 3: 793. 1832. H: Climber. LN: Kumarilata. Fl. & fr.: November-March. E: Forest floor. U: Medicine. SO: Occasional. RS: KKI-3948 (DACB).

Smilax perfoliata Lour., Fl. Cochinch. 622. 1790. *Smilax prolifera* Roxb., Fl. Ind. ed. 3: 795. 1832. H: Climber. LN: Kumarika. Fl. & fr.: November-March. E: Village thickets, Forest. U: Medicine. SO: Occasional. RS: KKI-2825 (DACB).

Family: **Dioscoreaceae**

Dioscorea alata L., Sp. Pl.: 1033. 1753. H: Climber. LN: Mate alu, Chupri alu. Fl. & fr.: August-December. E: Forest, Roadside. U: Vegetable. SO: Occasional. RS: KKI-932, 3403 (DACB).

Dioscorea belophylla (Prain) Voigt *ex* Haines, For. Fl. Chota Nagpur: 530. 1910. *Dioscorea glabra* auct non Roxb. 1832. H: Climber. LN: Shorea alu, Chupri alu. Fl. & fr.: June-October. E: Hillslope. SO: Rare. RS: KKI-1673 (DACB).



Albizia lucidior



Amomum dealbatum



Arenga pinnata



Blumea fistulosa



Cynoglossum lanceolatum



Engelhardtia spicata



Euonymus glaber



Firmiana colorata



Flemingia fluminalis

Dioscorea bulbifera L., Sp. Pl.: 1033. 1753. H: Climber. LN: Rat alu, Pagla alu. Fl. & fr.: August-November. E: Roadside. U: Vegetable. SO: Occasional. RS: KKI-1525 (DACB).

Dioscorea esculenta (Lour) Burkill, Gard. Bull. Straits Settl. 1: 369. 1917. H: Climber. LN: Susni-alu, Bon alu. Fl. & fr.: August-December. E: Forest. U: Vegetable. SO: Occasional. RS: KKI-3937 (DACB).

Dioscorea oppositifolia L., Sp. Pl.: 1033.1753. H: Climber. LN: Cheena alu. Fl. & fr.: August-December. E: Forest, Hill slope. SO: Common. RS: KKI-3942 (DACB).

Dioscorea pentaphylla L., Sp. Pl.: 1032. 1753. H: Climber. LN: Kanta alu, Jhum Alu. Fl. & fr.: July-December. E: Forest, Hill slope, Scrub. U: Vegetable. SO: Common. RS: KKI-3260 (DACB).

Family: **Orchidaceae**

Acampe praemorsa (Roxb.) Blatt & Mc.Cann, J. Bombay Nat Hist. Soc. 35: 495. 1932. H: Epiphyte. LN: Mar. Fl. & fr.: November-January. E: Tree trunk in forest. U: Medicine. SO: Rare. RS: KKI-3940 (DACB).

Aerides multiflora Roxb., Pl. Corom. 3: 68. 271. 1820. H: Epiphyte. LN: Bahuphul Porgachha. Fl. & fr.: May-August. E: Tree trunk in forest. U: Medicine & Ornamental. SO: Rare. RS: KKI-3951 (DACB).

Aerides odorata Lour., Fl. Cochinch. 2: 525. 1790. H: Epiphyte. LN: Sukhphulphul Porgachha. Fl. & fr.: April-June. E: Tree trunk in forest. U: Ornamental & Medicine. SO: Rare. RS: KKI-2979 (DACB).

Arundina graminifolia (D. Don) Hochr., Bull. New York Bot. Gard. 6. 270. 1910. H: Terrestrial herb. LN: Ghas phul. Fl. & fr.: January-November. E: Hill slope. U: Ornamental, Medicine. SO: Occasional. RS: KKI-826 (DACB).

Bulbophyllum lilacinum Ridl., J. Linn. Soc. 32: 276. 1896. H: Epiphyte. LN: Bulbulia. Fl. & fr.: October-December. E: Tree trunk in forest. U: Medicine. SO: Occasional. RS: KKI-2897 (DACB).

Cymbidium aloifolium (L.) Sw., Nov. Act. Soc. Upsal. 6: 73. 1799. H: Epiphyte. LN: Churi. Fl. & fr.: April-August. E: Tree trunk in forest. U: Ornamental & Medicine. SO: Occasional. RS: KKI-742 (DACB).

Dendrobium aphyllum (Roxb.) C.E.C.Fisch., Fl. Pres. Madras 1416. 1928. H: Epiphyte. LN: Fasia Mach. Fl. & fr.: January-May. E: Tree trunk in forest. U: Ornamental & Medicine. SO: Common. RS: KKI-3481 (DACB).

Dendrobium chrysotoxum Lindl., Edwards's Bot. Reg. 33: t. 19. 1847. H: Epiphytic herb. Fl. & fr.: April-July. U: Ornamental. SO: Very rare. RS: KKI-1619 (DACB).

Dendrobium crepidatum Lindl. & Paxton. Paxt. fl. Gard. 1: 63. 1850. H: Epiphytic herb. LN: Datarium. Fl. & fr.: April-July. U: Ornamental. SO: Very rare. RS: KKI-3897 (DACB).

Dendrobium fimbriatum Hook., Exot. Fl. 1: ad t. 71. 1823. H: Epiphytic herb. Fl. & fr.: March-May. E: Tree trunk in forest. U: Ornamental. SO: Very rare. RS: KKI-2987 (DACB).

Geodorum densiflorum (Lam.) Schlt., Repert. Spec. Nov. Regni Veg. Beih. 4: 259. 1919. H: Terrestrial herb. LN: Adaphul. Fl. & fr.: June-September. E: Hill slope. U: Ornamental & Medicine. SO: Rare. RS: BK-124 (DACB).

Goodeara procera (Ker Gawl.) Hook., Exot. Fl. 39. 1823. H: Terrestrial herb. Fl. & fr.: April-June. E: Hill slope. SO: Rare. RS: KKI-3954 (DACB).

Micropera obtusa (Lindl.) Tang & F.T.Wang., Acta Phytotax. Sin. 1: 94. 1951. H: Epiphyte. LN: Konepera. Fl. & fr.: August-September. U: Medicine. SO: Rare. RS: KKI-2854 (DACB).

Abbreviations: H=Habit; LN=Local name; E=Ecology; U=Use; SO=State of occurrence; RS=Representative specimen. Fl. & fr.=Flowering and fruiting period; BNH=Bangladesh National Herbarium, PRP = Poly and Remakri Pransa, DACB=Bangladesh National Herbarium.

Discussion

A total of 844 species of vascular plants under 545 genera and 144 families have been recorded from PRP forests range. Among these, Magnoliophyta consists of 800 species under 516 genera and 126 families. Whereas, Pteridophyta consists of 43 species under 28 genera and 17 families and Gymnosperms consists of 1 species under a single genus and family. Magnoliophyta then classified into Magnoliopsida (660 species under 419 genera and 104 families) and Liliopsida (140 species under 97 genera and 22 families). The habit analysis of the flora shows 207 species as trees, 139 species as shrubs, 371 species as herbs and 127 species as climbers. A synopsis of PRP forests range flora is given in Table 1.

Table 1: Synopsis of the enumerated vascular flora of PRP forests range.

Plant group	Family	Genus	Species
Pteridophyta	17	28	43
Gymnosperms	01	01	01
Magnoliophyta			
Liliopsida	22	97	140
Magnoliopsida	104	419	660
Total	144	545	844

The study has found 55 families represented by a single genus and species (*viz.* Lycopodiaceae, Equisetaceae, Aspleniaceae, Blechnaceae, Cyatheaceae, Gleicheniaceae, Marsiliaceae, Nephrolepidaceae, Schizaeaceae, Gnetaceae, Limncharitaceae, Hydrocharitaceae, Pandanaceae, Bromeliaceae, Costaceae, Cannaceae, Marantaceae, Taccaceae, Magnoliaceae, Hernandiaceae, Nymphaeaceae, Ranunculaceae, Sabiaceae, Papaveraceae, Cecropiaceae, Junlandaceae, Causuarinaceae, Cactaceae, Dilleniaceae, Actinidiaceae, Elaeocarpaceae, Bixaceae, Passifloraceae, Caricaceae, Datisceae, Moringaceae, Ebenaceae, Proteaceae, Sonneratiaceae, Thymeliaceae, Rhizophoraceae, Celastraceae, Cardiopteridaceae, Dichapetalaceae, Malpighiaceae, Oxalidaceae, Loganiaceae, Gentianaceae, Cuscutaceae, Hydrophyllaceae, Buddlejaceae, Molluginaceae, Pedaliaceae, Sphenocleaceae and Campanulaceae).

Pteridaceae has appeared as the largest family in Pteridophyta with 12 species and 6 genera. *Gnetum montanum* Mgf. is the only species in Gymnosperms. In Magnoliopsida, Fabaceae has appeared as the largest family (with 62 species and 33 genera) followed by Rubiaceae (with 45 species and 24 genera), Euphorbiaceae (with 42 species and 22 genera), Asteraceae (with 37 species and 25 genera) and Acanthaceae (with 27 species and 17 genera). In Liliopsida, Poaceae has appeared as the largest family (with 35 species and 28 genera) followed by Araceae (with 18 species and 10 genera), Cypericeae (with 13 species and 5 genera), Orchidaceae and Zingiberaceae (each with 13 species and 9 genera). Twenty five largest families with ten or more than ten species of the area are given in Table 2.

Table 2: Twenty five largest families from the study area.

Sl. no.	Family	Genus no.	Species no.	Sl. no.	Family	Genus no.	Species no.
1.	Fabaceae	33	62	14.	Scrophulariaceae	7	15
2.	Rubiaceae	24	45	15.	Malvaceae	8	14
3.	Euphorbiaceae	22	42	16.	Solanaceae	6	14
4.	Asteraceae	25	37	17.	Zingiberaceae	9	13
5.	Poaceae	28	35	18.	Cyperaceae	5	13
6.	Acanthaceae	17	27	19.	Orchidaceae	9	13
7.	Urticaceae	10	21	20.	Pteridaceae	6	13
8.	Moraceae	5	21	21.	Arecaceae	11	12
9.	Convolvulaceae	9	18	22.	Caesalpiniaceae	6	12
10.	Araceae	10	18	23.	Cucurbitaceae	7	11
11.	Mimosaceae	9	17	24.	Tiliaceae	4	11
12.	Verbenaceae	11	17	25.	Sterculiaceae	5	10
13.	Lamiaceae	9	16				

Present study has found *Ficus* (Moraceae) as the largest genus with 15 species followed by *Crotalaria* (Fabaceae) with 9 species, *Blumea* (Asteraceae) with 8 species, *Hedyotis* (Rubiaceae) with 7 species and *Solanum* (Solanaceae) with 7 species. Seventeen dominant genera of PRP forests range are listed in Table 3.

Table 3: Seventeen dominant genera of PRP forests range.

Sl. no.	Genus	Family	Sp. no.	Sl. no.	Genus	Family	Sp. no.
1.	<i>Ficus</i>	Moraceae	15	10.	<i>Clerodendrum</i>	Verbenaceae	6
2.	<i>Crotalaria</i>	Fabaceae	9	11.	<i>Pteris</i>	Pteridaceae	6
3.	<i>Blumea</i>	Asteraceae	8	12.	<i>Lindernia</i>	Scrophulariaceae	5
4.	<i>Hedyotis</i>	Rubiaceae	7	13.	<i>Senna</i>	Fabaceae	5
5.	<i>Solanum</i>	Solanaceae	7	14.	<i>Triumfetta</i>	Tiliaceae	5
6.	<i>Dalbergia</i>	Fabaceae	6	15.	<i>Albizia</i>	Mimosaceae	5
7.	<i>Boehmeria</i>	Urticaceae	6	16.	<i>Litsea</i>	Lauraceae	5
8.	<i>Dioscorea</i>	Dioscoreaceae	6	17.	<i>Ipomea</i>	Convolvulaceae	5
9.	<i>Cyperus</i>	Cyperaceae	6				

The vascular plant species found in the study area has potential economical and ecological values. The economic analysis of the flora has found 112 species having timber value, 250 species having fire wood value, 27 species having fiber yielding value, 139 species having medicinal value, 65 species having ornamental value, 33 species having fruit value, 59 species having vegetable value, 38 species having fodder value, 5 species having oil yielding value, and 5 species having soil binding importance. On the other hand, 5 species have poisonous properties.

Islam *et al.* (2018a) and Uddin (2018) reported 13 plant species as new record for Bangladesh from the study area. These are: *Boehmeria zollingeniana* (Urticaceae), *Ensete glaucum* (Musaceae), *Eranthemum macrophyllum* (Acanthaceae), *Globba wengeri* (Zingiberaceae), *Gymnema yunnanense* (Asclepiadaceae), *Lepistemon lobatum* (Convolvulaceae), *Neuracanthus tetragonostachyus* (Acanthaceae), *Piper mullesua* (Piperaceae), *Pogostemon griffithii* (Lamiaceae), *Polygala alphonsii* (Polygalaceae), *Solanum aethiopicum* (Solanaceae), *Solanum macrocarpon* (Solanaceae), and *Strobilanthes dimorphotricha* (Acanthaceae). The present botanical survey has rediscovered six plant species (*viz. Flemingia fluminalis, Gymnostachyum listeri, Maclura fruticosa, Rhinacanthus calcaratus, Triumfetta cana, Vernonia volkammeriaefolia*) from the area after more than 115 years from their first collection times in Bangladesh. The field observation has found 75 species are very rare, 171 species are rare, 208 species are occasional, 390 species are common and very common. Finding new records and rediscovery of species indicates the uniqueness and/or rareness of the flora of the area.

Observations and group discussion with local people during field works resulted in identifying some major threats for the flora of the area, which include urbanization, shifting cultivation, lack of awareness, plantation of exotic trees, destruction and degradation of habitats, habitat fragmentation, population growth, ground fire and climate change, alien invasive plant species. Therefore, efforts should be undertaken to minimize these threats for safeguard the plants.

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