

A Preliminary Assessment of Angiosperm Flora of Bangladesh Police Academy

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Abstract The paper focuses on the qualitative assessment of angiosperm flora of Bangladesh police academy, Rajshahi conducted during January 2012 to December 2012. A total of 302 species belonging to 243 genera under 84 families were recorded. Magnoliopsida (Dicotyledons) is represented by 69 families, 214 genera and 271 species, whereas Liliopsida (Monocotyledons) by 15 families, 29 genera and 31 species. Fabaceae is the largest family in Magnoliopsida represented by 35 species and, in Liliopsida, Poaceae is the largest family with 9 species. For each species botanical name, local name, habit, relative occurrence, voucher number and family were provided.

Keywords: *assessment, angiosperm flora, Bangladesh Police Academy, Rajshahi*

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1. Introduction

Police Academy, Sardah is a hundred year old, luminous and prestigious police training institute, which was established in 1912 at a place named-Sardah at Charghat police station in Rajshahi district. In 2007 it is again renamed Bangladesh Police Academy (BPA). It is the Alma Mater of police training in Bangladesh, is one of the oldest training institutes in the Indian subcontinent. Rajshahi district is a district in north-western Bangladesh. It is a part of the Rajshahi division. The Rajshahi district is bounded by Naogaon district to the north, Natore district to the east, and Chapai Nawabganj district and the river Padma to the south. The Rajshahi district has a sub-tropical monsoon climate, typical of Bangladesh, which falls within a low rainfall zone of the country. 75 percent rainfall occurs during June-September. The annual rainfall is 1350 mm. Temperature of the area is low in January varies from 9.0°C to 14.1°C. From February an increasing trend of temperature is found up to April and thereafter temperature start to decline. In April temperature varies from 22.6°C to 36.9°C. The mean relative humidity is found to be low in March (65%) and high in July-September (88-89%) [3].

The plants of Rajshahi exhibit diverse habitats, such as wetland, scrub jungles, fallow lands etc. which support luxuriant formation of angiosperms and play a vital role in the local economy, environment and primary healthcare system. Over the last few decades several attempts have been made on the floristic studies in Bangladesh by [8], [9,14,15,16,20,21,22,23,24]. The present study will be made an inventory of the angiosperm plant species of Bangladesh Police Academy, Sardah, Rajshahi.

2. Materials and Methods

The work is based on fresh materials collected during ten visits to Bangladesh Police Academy from January 2012 to December 2012 to cover the seasonal variations. A total of 302 species under 243 genera and 84 families were collected and identified. Plant parts with either flowers or fruits collected using traditional herbarium techniques to make voucher specimens for documentation. Field identification of the collected specimens was confirmed comparing with herbarium specimens at Rajshahi University Herbarium (RUH). In some cases, standard literature such as [1,4,5,10,12], and were consulted for identification purpose. The specimens are deposited in the Rajshahi University Herbarium (RUH) for future reference. For the current name and up to date nomenclature [1,6,11], were also consulted.

3. Results and Discussion

Based on this study, a preliminary list of angiosperm flora of Bangladesh Police Academy, Rajshahi was made that includes 302 angiosperm species under 243 genera and 84 families (Table 1). For each species botanical name, local name, habit, plant population and family were provided. Of 302 species recorded here, herbs are represented by 102 (33.77%), trees by 121 (40.06%), shrubs by 48 (15.89%), and climber by 31 (10.26%) species. (Figure 1).

The collected information is comparable with the result of other studies in Bangladesh. A total of 243 species belonging to 195 genera under 95 families were recorded

in Khagrachhari district [7]. A total of 245 species belonged to 183 genera and 72 families are documented in Habiganj district [2]. A total of 425 species belonging to 321 genera 108 families are recorded in Rajshahi district

[20]. No published information recorded on the diversity of angiosperm plant species of Bangladesh Police Academy, Rajshahi.

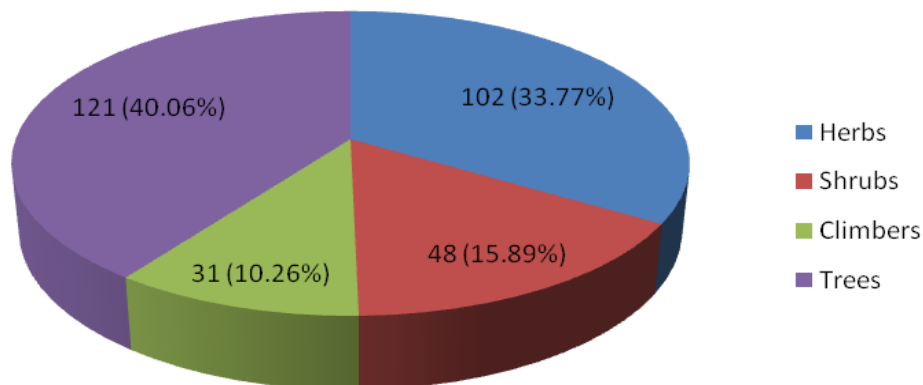


Figure 1. Analysis of data based on habit showed the Angiosperm Flora of Bangladesh Police Academy

Distribution of angiosperm species in the families shows variation. The family Fabaceae is represented by 35 species, Asteraceae is represented by 33 species and Euphorbiaceae is represented by 10 species. Each of

Amaranthaceae, Moraceae and Poaceae is represented by 9 species. A single species in each was recorded by 64 families while two to eight species in each was recorded by 14 families (Table 1).

Table 1. Enumeration of Angiosperm taxa of Bangladesh Police Academy, Rajshahi

S/N	Botanical name	Local name	Family	Habit	Relative occurrence	Voucher number
1	<i>Abutilon indicum</i> (L.) Sweet	Petari	Malvaceae	Herb	Wild	ZF 02
2	<i>Abelmoshus esculentus</i> (L.) Moen.	Bhindi	Malvaceae	Herb	Planted	ZF 299
3	<i>Acacia auriculiformis</i> Benth.	Akasmoni	Fabaceae	Tree	Planted	ZF 04
4	<i>Acacia catechu</i> (L. f.) Willd.	Khair	Fabaceae	Tree	Planted	ZF 297
5	<i>Acacia nilotica</i> (L.) Del.	Babla	Fabaceae	Tree	Planted	ZF 06
6	<i>Acalypha indica</i> L.	Muktajhuri	Euphorbiaceae	Herb	Wild	ZF 295
7	<i>Achyranthes aspera</i> L.	Apang	Amaranthaceae	Herb	Wild	ZF 08
8	<i>Aegle marmelos</i> (L.) Correa	Bel	Rutaceae	Tree	Planted	ZF 293
9	<i>Aerva sanguinolenta</i> (L.) Bl.	Nuria	Amaranthaceae	Herb	Wild	ZF 10
10	<i>Agave americana</i> L.	Agave	Agavaceae	Herb	Planted	ZF 291
11	<i>Ageratum conyzoides</i> (L.) L.	Ochunti	Asteraceae	Herb	Wild	ZF 12
12	<i>Albizia lucida</i> Benth.	Silkoroi	Fabaceae	Tree	Planted	ZF 289
13	<i>Albizia procera</i> Benth.	Koroi	Fabaceae	Tree	Planted	ZF 14
14	<i>Allium cepa</i> L.	Piaj	Liliaceae	Herb	Planted	ZF 287
15	<i>Allium sativum</i> L.	Rosun	Liliaceae	Herb	Planted	ZF 16
16	<i>Alocasia indica</i> (Roxb.) Schott.	Mankachu	Araceae	Herb	Planted	ZF 285
17	<i>Alstonia scholaris</i> (L.) R. Br.	Chatim	Apocynaceae	Tree	Wild	ZF 18
18	<i>Alternanthera sessilis</i> R.Br.	Chanchi	Amaranthaceae	Herb	Wild	ZF 283
19	<i>Albizia lebbek</i> (L.) Benth	Sirish	Fabaceae	Tree	Planted	ZF 20
20	<i>Alternanthera philoxeroides</i> (Mart.) Griseb.	Helenchu	Amaranthaceae	Herb	Wild	ZF 281
21	<i>Ammania baccifera</i> L.	Janglimehendi	Lythraceae	Herb	Wild	ZF 22
22	<i>Amaranthus lividus</i> Roxb.	Gobranotey	Amaranthaceae	Herb	Wild	ZF 279
23	<i>Amaranthus spinosus</i> L.	Kantanotey	Amaranthaceae	Herb	Wild	ZF 24
24	<i>Amaranthus tricolor</i> L.	Lalshak	Amaranthaceae	Herb	Planted	ZF 277
25	<i>Amaranthus viridis</i> L.	Noteyshak	Amaranthaceae	Herb	Wild	ZF 26
26	<i>Amorphophallus campanulatus</i> (Roxb) Bl. Ex Dence	Olkochu	Araceae	Herb	Wild	ZF 275
27	<i>Annona squamosa</i> L.	Ata	Annonaceae	Tree	Wild	ZF 28
28	<i>Anthocephalus chinensis</i> (Lamk.) Rich. ex Walp.	Kadam	Rubiaceae	Tree	Planted	ZF 273
29	<i>Anagallis arvensis</i> L.	Pimpernel	Primulaceae	Herb	Wild	ZF 30
30	<i>Anacardium occidentale</i> L.	Kajubadam	Anacardiaceae	Tree	Planted	ZF 271
31	<i>Andrographis paniculata</i> Wall ex Nees	Kalomegh	Acanthaceae	Herb	Wild	ZF 32
32	<i>Anisomeles indica</i> (L.) Kuntze.	Gobura	Lamiaceae	Herb	Wild	ZF 269
33	<i>Annona reticulata</i> L.	Nona	Annonaceae	Tree	Planted	ZF 34
34	<i>Aquilaria agallocha</i> Roxb.	Agar	Thymelaeaceae	Tree	Planted	ZF 267
35	<i>Argemone mexicana</i> L.	Shialkanta	Papaveraceae	Herb	Wild	ZF 36
36	<i>Areca catechu</i> L.	Supari	Arecaceae	Tree	Planted	ZF 265
37	<i>Artocarpus heterophyllus</i> Lamk.	Kathal	Moraceae	Tree	Planted	ZF 38
38	<i>Artocarpus lacucha</i> Buch.-Ham.	Deua	Moraceae	Tree	Planted	ZF 263
39	<i>Asparagus racemosus</i> L.	Satamuli	Liliaceae	Climber	Wild	ZF 40
40	<i>Averrhoa carambola</i> L.	Kamranga	Oxalidaceae	Tree	Planted	ZF 261
41	<i>Azadirachta indica</i> A. Juss.	Neem	Meliaceae	Tree	Wild	ZF 42

42	<i>Baccaurea ramiflora</i> Lour.	Lotkan	Euphorbiaceae	Tree	Planted	ZF 259
43	<i>Bambusa tulda</i> Roxb.	Tollabans	Poaceae	Tree	Planted	ZF 44
44	<i>Barleria cristata</i> L.	Swetjanti	Acanthaceae	Herb	Planted	ZF 257
45	<i>Bambusa balcooa</i> Roxb.	Valkabans	Poaceae	Tree	Planted	ZF 46
46	<i>Barringtonia acutangula</i> (L.) Gaertn	Hijol	Lecythidaceae	Tree	Wild	ZF 255
47	<i>Basella alba</i> L.	Puishak.	Basellaceae	Climber	Planted	ZF 48
48	<i>Bauhinia acuminata</i> L.	Kanchan	Fabaceae	Tree	Planted	ZF 253
49	<i>Benincasa hispida</i> (Thunb.) Cogn.	Chalkumra	Cucurbitaceae	Climber	Planted	ZF 50
50	<i>Biophytum sensitivum</i> (L.) DC.	Panilajuk	Oxalidaceae	Herb	Wild	ZF 251
51	<i>Bixa orellana</i> L.	Jafran, Sidur	Bixaceae	Tree	Planted	ZF 52
52	<i>Blumea lacera</i> (Burm. f.) DC.	Kukurshunga	Asteraceae	Herb	Wild	ZF 249
53	<i>Blumea laciniata</i> DC.	Kukurshunga	Asteraceae	Herb	Wild	ZF 54
54	<i>Boerhaavia repens</i> L.	Punarnava	Nyctaginaceae	Climber	Wild	ZF 247
55	<i>Bombax ceiba</i> L.	Simul	Bombacaceae	Tree	Wild	ZF 56
56	<i>Borassus flabellifer</i> L.	Tal	Arecaceae	Tree	Planted	ZF 245
57	<i>Bougainvillea spectabilis</i> Willd.	Baganbilas	Nyctaginaceae	Climber	Planted	ZF 58
58	<i>Butea monosperma</i> (Lam.) Taub.	Palas	Fabaceae	Tree	Planted	ZF 243
59	<i>Cajanus cajan</i> (L.) Huth.	Arhar	Fabaceae	Shrub	Planted	ZF 60
60	<i>Calendula officinalis</i> Hook.	Calendula	Asteraceae	Herb	Planted	ZF 241
61	<i>Callistemon citrinus</i> Stapf.	Bottlebrass	Myrtaceae	Tree	Planted	ZF 62
62	<i>Callistephus chinensis</i> L.	Aster	Asteraceae	Herb	Planted	ZF 239
63	<i>Calotropis procera</i> R. Br.	Baraakanda	Asclepiadaceae	Shrub	Wild	ZF 64
64	<i>Canna indica</i> L.	Kolabati	Cannaceae	Herb	Planted	ZF 237
65	<i>Capsicum frutescens</i> L.	Morich	Solanaceae	Herb	Planted	ZF 66
66	<i>Carica papaya</i> L.	Pepe	Caricaceae	Tree	Planted	ZF 235
67	<i>Carissa carandus</i> L.	Karamcha	Apocynaceae	Shrub	Planted	ZF 68
68	<i>Cassia fistula</i> L.	Badarlathi	Fabaceae	Tree	Planted	ZF 233
69	<i>Cassia tora</i> L.	Kalkashundha	Fabaceae	Shrub	Wild	ZF 70
70	<i>Cassia siamea</i> Lam.	Minjuri	Fabaceae	Tree	Planted	ZF 231
71	<i>Cassia renigera</i> L.	Minjiri	Fabaceae	Tree	Planted	ZF 72
72	<i>Casuarina equisetifolia</i> L.	Jhau	Fabaceae	Tree	Planted	ZF 229
73	<i>Catharanthus roseus</i> (L.) G. Don.	Nayantara	Apocynaceae	Herb	Planted	ZF 74
74	<i>Celosia cristata</i> L.	Moroghphul	Amaranthaceae	Herb	Planted	ZF 227
75	<i>Centella asiatica</i> (L.) Urban.	Thankuni	Apiaceae	Herb	Wild	ZF 76
76	<i>Cestrum nocturnum</i> L.	Hasnahena	Solanaceae	Shrub	Planted	ZF 225
77	<i>Crysopogon aciculatus</i> (Retz.) Trin.	Premkanta	Poaceae	Herb	Wild	ZF 78
78	<i>Cinnamomum tamala</i> Nees.	Tejpata	Lauraceae	Shrub	Planted	ZF 223
79	<i>Circium arvense</i> (L.) Scop.	Circium	Asteraceae	Herb	Wild	ZF 80
80	<i>Cissus quadrangularis</i> L.	Harjora	Vitaceae	Climber	Wild	ZF 221
81	<i>Citrus aurantifolia</i> Sw.	Kagochilebu	Rutaceae	Shrub	Planted	ZF 82
82	<i>Citrus grandis</i> (L.) Osbeck.	Jambura	Rutaceae	Tree	Planted	ZF 219
83	<i>Citrus limon</i> (L.) Burm. f.	Goralebu	Rutaceae	Shrub	Planted	ZF 84
84	<i>Cleome viscosa</i> L.	Hurhuria	Capparaceae	Herb	Wild	ZF 217
85	<i>Clerodendrum viscosum</i> Vent.	Bhat	Verbenaceae	Shrub	Wild	ZF 86
86	<i>Clitoria tametea</i> L.	Aparajita	Fabaceae	Climber	Wild	ZF 215
87	<i>Coccinia cordifolia</i> (L.) Cogn.	Telakucha	Cucurbitaceae	Climber	Wild	ZF 88
88	<i>Cocos nucifera</i> L.	Narikel	Arecaceae	Tree	Planted	ZF 213
89	<i>Codiaeum variegatum</i> Bl.	Patabahar	Euphorbiaceae	Shrub	Planted	ZF 90
90	<i>Colocasia esculenta</i> (L.) Schott.	Kochu	Araceae	Herb	Wild	ZF 211
91	<i>Commelina benghalensis</i> L.	Kanchira	Commelinaceae	Herb	Wild	ZF 92
92	<i>Cosmos caudatus</i> Cav.	Cosmos	Asteraceae	Herb	Planted	ZF 209
93	<i>Croton bonplandianum</i> Bail.	Croton	Euphorbiaceae	Herb	Wild	ZF 94
94	<i>Chenopodium album</i> L.	Botuashak	Chenopodiaceae	Herb	Wild	ZF 207
95	<i>Chenopodium ambrosioides</i> L.	Banbotua	Chenopodiaceae	Herb	Wild	ZF 96
96	<i>Chrozophora plicata</i> L.	Khudiokra	Euphorbiaceae	Herb	Wild	ZF 205
97	<i>Chrysanthamum coronarium</i> L.	Chandramollica	Asteraceae	Shrub	Planted	ZF 98
98	<i>Cucumis callosus</i> Cogn.	Bangumak	Cucurbitaceae	Climber	Wild	ZF 203
99	<i>Curcuma longa</i> L.	Holud	Zingiberaceae	Herb	Planted	ZF 100
100	<i>Cuscuta reflexa</i> Roxb.	Sarnalata	Cuscutaceae	Climber	Wild	ZF 201
101	<i>Cymbopogon citratus</i> (DC.) Stapf.	Lemongrass	Poaceae	Herb	Planted	ZF 101
102	<i>Cynodon dactylon</i> Pers.	Durbaghas	Poaceae	Herb	Wild	ZF 199
103	<i>Cyperus rotundus</i> L.	Muthaghas	Cyperaceae	Herb	Wild	ZF 102
104	<i>Dahlia hybrida</i> L.	Dahlia	Asteraceae	Herb	Planted	ZF 197
105	<i>Dalbergia sissoo</i> Roxb.	Sissoo	Fabaceae	Tree	Planted	ZF 103
106	<i>Datura metel</i> L.	Dhutra	Solanaceae	Shrub	Wild	ZF 195
107	<i>Delonix regia</i> (Boj.) Raf.	Krisnachura	Fabaceae	Tree	Planted	ZF 104
108	<i>Derris indica</i> (Lamk.) Benth.	Karanja	Fabaceae	Tree	Wild	ZF 193
109	<i>Desmodium triflorum</i> (L.) DC.	Kodalilya	Fabaceae	Herb	Wild	ZF 106
110	<i>Digera muricata</i> (L.) Mart.	Digera	Amaranthaceae	Herb	Wild	ZF 191
111	<i>Dillenia indica</i> L.	Chalta	Dilleniaceae	Tree	Planted	ZF 108
112	<i>Dioscorea alata</i> L.	Chuprialu	Dioscoriaceae	Climber	Wild	ZF 189
113	<i>Diplocyclos palmatus</i> (L.) Jeffrey	Mala	Cucurbitaceae	Climber	Wild	ZF 110
114	<i>Dyospyros perigrina</i> (Gaertn.) Gur.	Gab	Ebenaceae	Tree	Wild	ZF 187
115	<i>Dracaena spicata</i> Roxb.	Dracaena	Agavaceae	Herb	Planted	ZF 112
116	<i>Duranta repens</i> L.	Katamehedi	Verbenaceae	Shrub	Wild	ZF 185
117	<i>Eclipta alba</i> (L.) Hassk.	Kalokeshi	Asteraceae	Herb	Wild	ZF 114

118	<i>Eichhornia crassipes</i> (Mart.) Sol.-Lau.	Kochuripana	Pontederiaceae	Herb	Wild	ZF 183
119	<i>Elaeocarpus robustus</i> Roxb.	Jalpai	Elaeocarpaceae	Tree	Planted	ZF 116
120	<i>Elusine indica</i> (L.) Gaertn	Malankuri	Poaceae	Herb	Wild	ZF 181
121	<i>Enhydra fluctuans</i> Lour.	Helenchha	Asteraceae	Herb	Wild	ZF 118
122	<i>Erythrina variegata</i> L.	Madar	Fabaceae	Tree	Wild	ZF 179
123	<i>Ethulia conyzoides</i> L.	Golphuli	Asteraceae	Herb	Wild	ZF 120
124	<i>Eucalyptus citrodora</i> Hook.	Eucalyptus	Myrtaceae	Tree	Planted	ZF 177
125	<i>Eupatorium odoratum</i> L.	Germanlata	Asteraceae	Shrub	Wild	ZF 122
126	<i>Euphorbia hirta</i> L.	Dudhiya	Euphorbiaceae	Herb	Wild	ZF 175
127	<i>Euphorbia pulcherrima</i> Willd.	Lalpata	Euphorbiaceae	Shrub	Planted	ZF 124
128	<i>Euphorbia thymifolia</i> Burm. f.	Dudhia	Euphorbiaceae	Herb	Wild	ZF 173
129	<i>Evolvulus numularius</i> L.	Bhuiokra	Convolvulaceae	Herb	Wild	ZF 126
130	<i>Exacum pedunculatum</i> Roxb.	Kachuri	Gentianaceae	Herb	Wild	ZF 171
131	<i>Feronia limonia</i> (L.) Sw.	Kothbel	Rutaceae	Tree	Planted	ZF 128
132	<i>Ficus benghalensis</i> L.	Bot	Moraceae	Tree	Wild	ZF 169
133	<i>Ficus elastica</i> Roxb.	Bharotiurubber	Moraceae	Tree	Planted	ZF 130
134	<i>Ficus hispida</i> L.f.	Kakdumur	Moraceae	Tree	Wild	ZF 167
135	<i>Ficus racemosa</i> L.	Jogadumur	Moraceae	Tree	Wild	ZF 132
136	<i>Ficus religiosa</i> L.	Pakur	Moraceae	Tree	Wild	ZF 165
137	<i>Gardenia jasminoides</i> Ellis.	Gandharaj	Rubiaceae	Shrub	Planted	ZF 134
138	<i>Gnaphalium pulvinatum</i> DC.	Barakamra	Asteraceae	Herb	Wild	ZF 163
139	<i>Glinus oppositifolius</i> (L.) A. DC.	Gima	Molluginaceae	Herb	Wild	ZF 136
140	<i>Glycosmis pentaphylla</i> (Retz.) A. DC.	Datmajan	Rutaceae	Shrub	Wild	ZF 161
141	<i>Gnaphalium indicum</i> L.	Kamra	Asteraceae	Herb	Wild	ZF 138
142	<i>Grangea maderaspatana</i> Poir.	Nemuti	Asteraceae	Herb	Wild	ZF 159
143	<i>Gymnopetalum cochinchinense</i> (Lour.) Kurj.	Kabuti	Cucurbitaceae	Climber	Wild	ZF 140
144	<i>Helianthus annuus</i> L.	Surjamukhi	Asteraceae	Herb	Planted	ZF 157
145	<i>Heliotropium indicum</i> L.	Hatisur	Boraginaceae	Herb	Wild	ZF 142
146	<i>Heliconia rostrata</i> Ruiz & Pav.	Heliconia	Heliconiaceae	Herb	Planted	ZF 155
147	<i>Hibiscus mutabilis</i> L.	Sthalpadma	Malvaceae	Shrub	Planted	ZF 144
148	<i>Hibiscus rosa-sinensis</i> L.	Jaba	Malvaceae	Shrub	Planted	ZF 153
149	<i>Hibiscus esculentus</i> L.	Bhindi	Malvaceae	Herb	Planted	ZF 146
150	<i>Holarrhena pubescens</i> Wall.	Kurchi	Apocynaceae	Tree	Planted	ZF 151
151	<i>Ichnocarpus frutescens</i> (L.) R. Br.	Loilata	Apocynaceae	Climber	Wild	ZF 148
152	<i>Impatiens balsamina</i> L.	Dopati	Balsaminaceae	Herb	Planted	ZF 149
153	<i>Ipomoea aquatica</i> Forsk	Kalmi	Convolvulaceae	Climber	Wild	ZF 150
154	<i>Ipomoea fistulosa</i> Mart. Ex Choisy	Dholkalmi	Convolvulaceae	Shrub	Wild	ZF 147
155	<i>Ixora coccinea</i> L.	Rangan	Rubiaceae	Shrub	Planted	ZF 152
156	<i>Jasminum sambac</i> (L.) Ait.	Beli	Oleaceae	Shrub	Planted	ZF 145
157	<i>Jatropha gossypifolia</i> L.	Lalverenda	Euphorbiaceae	Shrub	Wild	ZF 154
158	<i>Justicia gendarussa</i> L.	Jagthmadan	Acanthaceae	Shrub	Wild	ZF 143
159	<i>Kalanchoe pinnata</i> (Lam.) Pers.	Pathorkuchi	Crassulaceae	Herb	Wild	ZF 156
160	<i>Lablab purpureus</i> (L.) Sweet.	Sim	Fabaceae	Climber	Planted	ZF 141
161	<i>Lagenaria siceraria</i> (Mol.) Stan.	Lau	Cucurbitaceae	Climber	Planted	ZF 158
162	<i>Lagerstroemia speciosa</i> (L.) Pers.	Jarul	Lythraceae	Tree	Planted	ZF 139
163	<i>Lannea coromandelica</i> (Houtt.) Merr.	Jiga	Anacardiaceae	Tree	Wild	ZF 160
164	<i>Lantana camara</i> L.	Lantana	Verbenaceae	Shrub	Wild	ZF 137
165	<i>Launaea asplenifolia</i> Hk. f.	Tikdana	Asteraceae	Herb	Wild	ZF 162
166	<i>Lawsonia inermis</i> L.	Mehedi	Lythraceae	Shrub	Planted	ZF 135
167	<i>Leonurus sibiricus</i> L.	Roktodron	Lamiaceae	Shrub	Wild	ZF 164
168	<i>Leucas aspera</i> L.	Setodron	Lamiaceae	Herb	Wild	ZF 133
169	<i>Leucas cephalotes</i> (Roth.) Spreng.	Dandakolos	Lamiaceae	Herb	Wild	ZF 166
170	<i>Lippia nodiflora</i> (L.) Rich.	Bhuiokra	Verbenaceae	Herb	Wild	ZF 131
171	<i>Lippia alba</i> L.	Borobhuiokra	Verbenaceae	Shrub	Wild	ZF 168
172	<i>Litchi chinensis</i> Sonn.	Lichu	Sapindaceae	Tree	Planted	ZF 129
173	<i>Litsea monopetala</i> (Roxb.) Pers.	Pipulti	Lauraceae	Shrub	Planted	ZF 170
174	<i>Ludwigia adscendens</i> (L.) Hara.	Kesordam	Onagraceae	Herb	Wild	ZF 127
175	<i>Luffa acutangula</i> Roxb.	Jhinga	Cucurbitaceae	Climber	Planted	ZF 172
176	<i>Luffa cylindrica</i> (L.) Roem.	Dhundal	Cucurbitaceae	Climber	Wild	ZF 125
177	<i>Lycopersicon lycopersicum</i> (L.) Karst.	Tomato	Solanaceae	Herb	Planted	ZF 174
178	<i>Madhuca indica</i> Gmel.	Mahua	Sapotaceae	Tree	Planted	ZF 123
179	<i>Magnolia grandiflora</i> L.	Udaypadma	Magnoliaceae	Tree	Planted	ZF 176
180	<i>Mangifera indica</i> L.	Am	Anacardiaceae	Tree	Planted	ZF 121
181	<i>Manihot esculenta</i> Crantz.	Kasava	Euphorbiaceae	Shrub	Planted	ZF 178
182	<i>Manilkara achras</i> (Mill.) Per.	Sofeda	Sapotaceae	Tree	Planted	ZF 119
183	<i>Marselia quadrifoliata</i> L.	Sushnishak	Marsileaceae	Herb	Wild	ZF 180
184	<i>Melia sempervirens</i> (L.) All.	Ghoraneem	Meliaceae	Tree	Planted	ZF 117
185	<i>Melilotus alba</i> Lamk.	Sadamethi	Fabaceae	Herb	Wild	ZF 182
186	<i>Melothria maderaspatana</i> Cogn.	Agmukhi	Cucurbitaceae	Climber	Wild	ZF 115
187	<i>Mesua nagassarium</i> (Burm. f.) Kost.	Nageswar	Clusiaceae	Tree	Planted	ZF 184
188	<i>Michelia champaca</i> L.	Champa	Magnoliaceae	Tree	Planted	ZF 113
189	<i>Mikania cordata</i> (Burm. f.) Roxb.	Asamlata	Asteraceae	Climber	Wild	ZF 186
190	<i>Mimosa pudica</i> L.	Lajjabati	Fabaceae	Climber	Wild	ZF 111
191	<i>Mimusops elengi</i> L.	Bokul	Sapotaceae	Tree	Planted	ZF 188
192	<i>Mirabilis jalapa</i> L.	Sandhamoni	Nyctaginaceae	Herb	Wild	ZF 109

194	<i>Mollugo pentaphylla</i> L.	Khetpapra	Molluginaceae	Herb	Wild	ZF 190
195	<i>Momordica charantea</i> L.	Korola	Cucurbitaceae	Climber	Planted	ZF 107
196	<i>Moringa oleifera</i> Lamk.	Sajna	Moringaceae	Tree	Planted	ZF 192
197	<i>Morus indica</i> L.	Tut	Moraceae	Shrub	Planted	ZF 105
198	<i>Murraya koenigii</i> Spreng.	Curryleaf	Rutaceae	Tree	Wild	ZF 194
199	<i>Murraya paniculata</i> (L.) Jacq.	Kamini	Rutaceae	Shrub	Planted	ZF 103
200	<i>Musa sapientum</i> L.	Kala	Musaceae	Shrub	Planted	ZF 196
201	<i>Mussaenda erythrophylla</i> Schum. & Thon.	Mucenda	Rubiaceae	Shrub	Wild	ZF 101
202	<i>Nerium indicum</i> L.	Karabi	Apocynaceae	Shrub	Planted	ZF 198
203	<i>Nicotiana plumbaginifolia</i> Viv.	Bantamak	Solanaceae	Herb	Wild	ZF 99
204	<i>Nyctanthes arbortristis</i> L.	Sheuli	Verbenaceae	Shrub	Planted	ZF 200
205	<i>Ocimum sanctum</i> L.	Tulsi	Lamiaceae	Shrub	Wild	ZF 97
206	<i>Ocimum basilicum</i> L.	Babuitulsi	Lamiaceae	Shrub	Wild	ZF 202
207	<i>Oplismenus compositus</i> (L.) P. Baeuv.	Gohur	Poaceae	Herb	Wild	ZF 95
208	<i>Oxalis corniculata</i> L.	Amrul	Oxalidaceae	Herb	Wild	ZF 204
209	<i>Oxalis rubra</i> L.	Boroamrul	Oxalidaceae	Herb	Wild	ZF 93
210	<i>Parthenium hysterophorus</i> L.	Gandiboti	Asteraceae	Shrub	Wild	ZF 206
211	<i>Peperomia pellucida</i> Kunth.	Peperomia	Piperaceae	Herb	Wild	ZF 91
212	<i>Portulaca quadrifida</i> L.	Chotonunia	Portulacaceae	Herb	Wild	ZF 208
213	<i>Peltophorum pterocarpum</i> (DC.) Baker ex Heyne	Holudkrisnachura	Fabaceae	Tree	Planted	ZF 89
214	<i>Phoenix sylvestris</i> (L.) Roxb.	Khejur	Arecaceae	Tree	Wild	ZF 210
215	<i>Phyllanthus emblica</i> L.	Amlaki	Phyllanthaceae	Tree	Planted	ZF 87
216	<i>Phyllanthus niruri</i> L.	Bhuiamla	Phyllanthaceae	Herb	Wild	ZF 212
217	<i>Phyllanthus reticulatus</i> Poir.	Chitki	Phyllanthaceae	Shrub	Wild	ZF 85
218	<i>Phyllanthus urinaria</i> L.	Amla	Phyllanthaceae	Herb	Wild	ZF 214
219	<i>Physalis minima</i> L.	Kapalputki	Solanaceae	Herb	Wild	ZF 83
220	<i>Pithecellobium dulce</i> (Roxb.) Benth	Jilapiphol	Fabaceae	Tree	Wild	ZF 216
221	<i>Plumeria acutifolia</i> L.	Kathgolap	Apocynaceae	Tree	Planted	ZF 81
222	<i>Plumeria rubra</i> L.	Lalkathgolap	Apocynaceae	Tree	Planted	ZF 218
223	<i>Polyalthia longifolia</i> (Sonn.) Thw.	Raganigandha	Annonaceae	Herb	Planted	ZF 79
224	<i>Polygonum barbatum</i> L.	Panimorich	Polygonaceae	Herb	Wild	ZF 220
225	<i>Polygonum orientale</i> L.	Boropanmorich	Polygonaceae	Shrub	Wild	ZF 77
226	<i>Portulaca oleracea</i> L.	Baranunia	Portulacaceae	Herb	Wild	ZF 222
227	<i>Psidium guajava</i> (L.) Bat.	Piyara	Myrtaceae	Tree	Planted	ZF 224
228	<i>Punica granatum</i> L.	Dalim	Punicaceae	Tree	Planted	ZF 75
229	<i>Quisqualis indica</i> L.	Madhabilata	Combretaceae	Shrub	Planted	ZF 226
230	<i>Raphanus sativus</i> L.	Mula	Brassicaceae	Herb	Planted	ZF 73
231	<i>Rauvolfia serpentina</i> Benth.	Sarpagandha	Apocynaceae	Herb	Wild	ZF 228
232	<i>Ravenala madagascariensis</i> Gmell.	Panthapadap	Strelitziaceae	Shrub	Planted	ZF 71
233	<i>Ricinus communis</i> L.	Bherenda	Euphorbiaceae	Shrub	Wild	ZF 230
234	<i>Rosa centifolia</i> L.	Golap	Rosaceae	Shrub	Planted	ZF 69
235	<i>Ruellia tuberosa</i> L.	Chatpotey	Acanthaceae	Herb	Planted	ZF 232
236	<i>Rumex maritimus</i> L.	Banpalong	Polygonaceae	Herb	Wild	ZF 67
237	<i>Saccharum spontaneum</i> L.	Kash	Poaceae	Shrub	Wild	ZF 234
238	<i>Salvia plebeja</i> Br.	Bhuitulsi	Lamiaceae	Herb	Wild	ZF 65
239	<i>Samanea saman</i> (Jacq.) Merr.	Rain tree	Fabaceae	Tree	Planted	ZF 236
240	<i>Saraca indica</i> L.	Asoke	Fabaceae	Tree	Planted	ZF 63
241	<i>Scoparia dulcis</i> L.	Bandhunay	Scrophulariaceae	Herb	Wild	ZF 238
242	<i>Senna sophera</i> L.	Kalkashundha	Fabaceae	Shrub	Wild	ZF 61
243	<i>Senna alata</i> L.	Dadmardan	Fabaceae	Shrub	Planted	ZF 240
244	<i>Sesamum indicum</i> L.	Til	Pedaliaceae	Herb	Planted	ZF 59
245	<i>Sesbania canabina</i> Pers.	Dhanchi	Fabaceae	Shrub	Planted	ZF 242
246	<i>Sesbania grandiflora</i> (L.) Pers.	Bakphul	Fabaceae	Tree	Planted	ZF 57
247	<i>Sida acuta</i> Burm.	Berela	Malvaceae	Herb	Wild	ZF 244
248	<i>Sida cordata</i> (Burm. f.) Borss.	Pitberela	Malvaceae	Herb	Wild	ZF 55
249	<i>Smilax zeylanica</i> L.	Kumarilata	Smilacaceae	Climber	Wild	ZF 246
250	<i>Solanum melongena</i> Wall.	Begun	Solanaceae	Shrub	Planted	ZF 53
251	<i>Solanum nigrum</i> L.	Kakmachi	Solanaceae	Herb	Wild	ZF 248
252	<i>Solanum surattense</i> Burm. f.	Kantakini	Solanaceae	Herb	Wild	ZF 51
253	<i>Solanum torvum</i> Sw.	Gothbegun	Solanaceae	Shrub	Wild	ZF 250
254	<i>Solanum tuberosum</i> L.	Alu	Solanaceae	Herb	Planted	ZF 49
255	<i>Sonchus arvensis</i> L.	Banpalang	Asteraceae	Herb	Wild	ZF 252
256	<i>Sonchus asper</i> L.	Banpalong	Asteraceae	Herb	Wild	ZF 47
257	<i>Spilanthes acmella</i> L.	Marhatitiga	Asteraceae	Herb	Wild	ZF 254
258	<i>Spondias dulcis</i> Sol. ex Park.	Bilatiamra	Anacardiaceae	Tree	Planted	ZF 45
259	<i>Spondias pinnata</i> (L. f.) Kurz.	Deshiamra	Anacardiaceae	Tree	Wild	ZF 256
260	<i>Stephania japonica</i> (Thunb.) Miers.	Aknadi	Menispermaceae	Climber	Wild	ZF 43
261	<i>Streblus asper</i> Lour.	Shaora	Moraceae	Tree	Wild	ZF 258
262	<i>Swietenia macrophylla</i> King.	Boromehagoni	Meliaceae	Tree	Wild	ZF 41
263	<i>Swietenia mahagoni</i> (L.) Jacq.	Mahagoni	Meliaceae	Tree	Planted	ZF 260
264	<i>Synedrella nodiflora</i> (L.) Gaertn.	Marhatitiga	Asteraceae	Herb	Wild	ZF 39
265	<i>Syzygium cumini</i> (L.) Skeel.	Jam	Myrtaceae	Tree	Planted	ZF 262
266	<i>Syzygium samarangense</i> (Bl.) Merr. & Perry.	Jamrul	Myrtaceae	Tree	Planted	ZF 37
267	<i>Tagetes erecta</i> L.	Gadaphul	Asteraceae	Herb	Planted	ZF 264

268	<i>Tagetes patula</i> L.	Genda	Asteraceae	Herb	Planted	ZF 35
269	<i>Tamarindus indica</i> L.	Tentul	Fabaceae	Tree	Wild	ZF 266
270	<i>Tecoma gaudichaudi</i> DC.	Heimonti	Bignoniaceae	Shrub	Planted	ZF 33
271	<i>Tecoma stans</i> (L.) H. B. & K.	Sonapati	Bignoniaceae	Tree	Planted	ZF 268
272	<i>Toona ciliata</i> J. Roem.	Pangaya, Toon	Meliaceae	Tree	Planted	ZF 31
273	<i>Tectona grandis</i> L. f.	Segun	Verbenaceae	Tree	Planted	ZF 270
274	<i>Terminalia arjuna</i> (Roxb.) Wt. & Arn.	Arjun	Combretaceae	Tree	Planted	ZF 29
275	<i>Terminalia belerica</i> Roxb.	Bohera	Combretaceae	Tree	Planted	ZF 272
276	<i>Terminalia catappa</i> L.	Kathbadam	Combretaceae	Tree	Planted	ZF 27
277	<i>Terminalia chebula</i> (Gaertn.) Retz.	Haritaki	Combretaceae	Tree	Planted	ZF 274
278	<i>Thevetia peruviana</i> (Pers.) K. Schum.	Haldekorobi	Apocynaceae	Tree	Planted	ZF 25
279	<i>Tinospora cordifolia</i> (Willd.) Hook. f.	Gulancha	Menispermaceae	Climber	Wild	ZF 276
280	<i>Trema orientalis</i> (L.) Bl.	Jibon	Ulmaceae	Tree	Wild	ZF 23
281	<i>Trewia polycarpa</i> Benth.	Batul	Euphorbiaceae	Tree	Wild	ZF 278
282	<i>Trichosanthes anguina</i> L.	Chichinga	Cucurbitaceae	Climber	Planted	ZF 21
283	<i>Trichosanthes bracteata</i> (Lamk.) Voigt.	Makal	Cucurbitaceae	Climber	Wild	ZF 280
284	<i>Trichosanthes cucumerina</i> L.	Banchichinga	Cucurbitaceae	Climber	Wild	ZF 19
285	<i>Tridax procumbens</i> L.	Tridhara	Asteraceae	Herb	Wild	ZF 282
286	<i>Typhonium trilobatum</i> (L.) Schott.	Ghetkachhu	Araceae	Herb	Wild	ZF 17
287	<i>Uraria picta</i> Desv.	Sankarjata	Fabaceae	Herb	Wild	ZF 284
288	<i>Urena lobata</i> L.	Banokra	Fabaceae	Herb	Wild	ZF 15
289	<i>Vanda roxburghii</i> R. Br.	Rasna	Orchidaceae	Herb	Wild	ZF 286
290	<i>Vernonia patula</i> (Dryand.) Merril.	Kuksim	Asteraceae	Herb	Wild	ZF 13
291	<i>Vitex negundo</i> L.	Nishinda	Verbenaceae	Shrub	Planted	ZF 288
292	<i>Vetivaria zizanioides</i> (L.) Nash.	Benna	Poaceae	Herb	Wild	ZF 11
293	<i>Vicia hirsuta</i> Coch.	Masurchana	Fabaceae	Herb	Wild	ZF 290
294	<i>Vicia sativa</i> L.	Ankari	Fabaceae	Herb	Wild	ZF 09
295	<i>Vitis trifolia</i> (L.) Don.	Banangur	Vitaceae	Climber	Wild	ZF 292
296	<i>Vitis vinifera</i> L.	Angur	Vitaceae	Climber	Wild	ZF 07
297	<i>Wedelia chinensis</i> (Osborn) Merr.	Mohavringaraj	Asteraceae	Herb	Wild	ZF 294
298	<i>Wedelia trilobata</i> (L.) Hitchc.	Mohavringaraj	Asteraceae	Herb	Wild	ZF 05
299	<i>Xanthium indicum</i> Koenig.	Ghagra	Asteraceae	Herb	Wild	ZF 296
300	<i>Youngia japonica</i> (L.) DC.	Oochunti	Asteraceae	Herb	Wild	ZF 03
301	<i>Zinnia elegans</i> L.	Zinnia	Asteraceae	Herb	Wild	ZF 298
302	<i>Zizyphus mauritiana</i> Lamk.	Kul, Boroi	Rhamnaceae	Tree	Wild	ZF 01

4. Conclusions

The present article focuses on an inventory of angiosperm flora of Rajshahi district. In this preliminary assessment, a total of 302 angiosperm species under 243 genera and 84 families were recorded. Habit analysis shows that herbs, shrubs, climbers and trees are represented by 102, 48, 31 and 121 species, respectively. For each species botanical name, local name, habit, relative occurrence, voucher number and family were provided.

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