

Original Research Article

Inventory list of plant diversity in Tropical dry deciduous forest of Pench Tiger Reserve, Maharashtra, India

ABSTRACT

Aim: To assess the diversity of pench tiger reserve, maharashtra, india.

Place and Duration of Study: Pench Tiger Reserve (PTR), June 2022 to December 2023.

Methodology: The study was carried out by laying out quadratic sample plots in the PTR given by National Forest Inventory working plan code-2014. The plot size was 0.1 ha with 31.62 m x 31.62 m quadrats.

Results: The study reveals a rich biodiversity comprising 863 species across 554 genera and 117 families, along with 8 varieties and 2 sub-species. The predominant taxa are herbs, accounting for 34.06% of species, followed by trees at 23.29%, climbers at 15.17%, grasses at 13.09%, sedges at 7.3%, epiphytic herbs at 0.8%, and bamboo at 0.2%. Fabaceae emerges as the most species-rich family in comparable studies, underscoring its ecological significance.

Conclusion: The study emphasizes the importance of comprehensive biodiversity inventories for understanding and conserving tropical forest ecosystems. This research provides valuable baseline data essential for future ecological studies, environmental assessments, and effective conservation strategies.

1. INTRODUCTION

Tropical forests are considered the world's most biodiversity-rich ecosystems, vital for supporting the livelihoods of many, particularly in developing countries. Despite their significant roles in poverty alleviation, food security, and climate change resilience, these forests are often inadequately integrated into national development strategies [19]. Drivers of Biodiversity Loss A complex interplay of factors contribute to biodiversity loss in tropical forests. These include demographic changes, poverty, policy responses, ecological disturbances, anthropogenic disturbances, and climate change [10, 15, 23]. In dry forest zones, specific threats such as wildfires, shifting cultivation, logging, and firewood extraction significantly increase the vulnerability of forest species through micro-environmental alterations affecting understorey composition [6]. The main drivers of biodiversity loss include deforestation, fragmentation, over-exploitation, invasive species, and climate change [9, 18], with varying impacts across different tropical forest regions [8]. Implications of Forest Degradation The ongoing destruction of tropical forests is expected to lead to an extinction crisis among forest species [5]. In India, native forests are reportedly declining at a rate of 3.5%, despite reforestation efforts that have increased total forest cover. This loss occurs when our understanding of forest structure and dynamics remains insufficient, which is crucial for sustainable management and conservation [2]. Approaches to Restoring Biodiversity Restoring biodiversity in degraded landscapes is essential for the sustainability of native forests and ecosystem functionality. One method is allowing floristic recovery through natural succession, although this process can be hindered by factors such as high land use intensity [11] and limited seed availability for many tropical species [26], as well as competition for resources [12]. Human intervention offers an alternative strategy for long-term biodiversity protection [4, 16]. Importance of Biodiversity Inventories Intervention data are typically gathered through biodiversity inventories that assess the nature and distribution of biotic resources in the target area [22]. Quantifying tree species distribution and abundance is vital, as it influences forest structure and provides habitats for various species [14]. Plant checklists are essential for developing hypotheses related to large-scale ecological studies, biogeography, and environmental assessments [13]. However, flawed checklists can lead to erroneous biodiversity conclusions Conclusion and Purpose of the Study Reliable data on species composition, vulnerabilities, and responses to climatic changes across different ecosystems are critical for creating effective conservation strategies to mitigate natural resource degradation. This study aims to address this need by generating baseline data on the native flora of the tropical forest ecosystem in central India.

2. MATERIAL AND METHODOLOGY

2.1 STUDY AREA

The present study was carried out in the Pench Tiger Reserve, Maharashtra which is named after the Pench River, which is running through the Satpura's slowly rising southern hill ranges from North to South. Geographically, the Pench Tiger Reserve is located between 79°03'46" to 79°21'20" East to 21°11'58" to 21°43'16" North covers a total area of 741.22 km², including its core area (257.26 km²) and buffer area (483.96 km²).

2.2 METHODOLOGY

The National Working Plan Code-2014 provides guidelines for the design and layout of these sample plots. This code specifies the use of square sample plots, which are essential for collecting data on forest carbon stocks. Upon arriving at the designated sampling plot location, a square plot measuring 0.1 hectares (31.62 m × 31.62 m) should be established. This involves measuring a horizontal distance of 22.36 meters half of the diagonal outward in all four directions: at 45° (northeast), 135° (southeast), 225° (southwest), and 315° (northwest) from true north. It is crucial to ensure the proper dimensions are maintained during this layout process. Additionally, subplots measuring 3 m × 3 m and 1 m × 1 m should be established 30 meters from the center of the main 0.1 ha plot in all directions. These subplots are designated for sampling shrubs, climbers, regeneration, and herbs/grasses, respectively. Furthermore, quadrats of sizes 1 m × 1 m, 3 m × 3 m, and 5 m × 5 m will be laid out in the northeast (NE) and southwest (SW) directions. Within the 3 m × 3 m plot, all shrubs and climbers must be cut at ground level, weighed, and documented. The 1 m × 1 m plot will be used to collect and weigh all herbs and grasses.

3. RESULTS AND DISCUSSION

Table.1 Floristic diversity of Pench Tiger Reserve, Maharashtra, India

S.no	Scientific name	Family	Habit
1	<i>Abelmoschus crinitus</i> Wall.	Malvaceae	Herb
2	<i>Abelmoschus esculentus</i> (L.) Moench	Malvaceae	Herb
3	<i>Abelmoschus ficulneus</i> (L.) Wight & Arn.	Malvaceae	Herb
4	<i>Abildgaardia ovata</i> (Burm. f.) Kral	Cyperaceae	Sedge
5	<i>Abrus precatorius</i> L.	Fabaceae	Climber
6	<i>Abutilon hirtum</i> (Lam.) Sweet	Malvaceae	Shrub
7	<i>Abutilon indicum</i> (L.) Sweet	Malvaceae	Shrub
8	<i>Acacia auriculiformis</i> Benth.	Fabaceae	Avenue Tree
9	<i>Acalypha ciliata</i> Forssk	Euphorbiaceae	Herb
10	<i>Acalypha indica</i> L.	Euphorbiaceae	Herb
11	<i>Acampe praemorsava</i> <i>longepedunculata</i> (Trimen) Govaerts	Orchidaceae	Epiphytic Herb
12	<i>Acanthospermum hispidum</i> DC	Asteraceae	Herb
13	<i>Achyranthes aspera</i> L.	Amaranthaceae	Herb
14	<i>Acorus calamus</i> L.	Acoraceae	Herb
15	<i>Adansonia digitata</i> L.	Malvaceae	Avenue Tree
16	<i>Adenosma indica</i> (Lour.) Merr	Plataginaceae	Herb
17	<i>Adenostemma lavenia</i> (L.) Kuntze	Asteraceae	Herb
18	<i>Adinacordifolia</i> (Roxb.) Brandis	Rubiaceae	Natural Tree
19	<i>Aeginetia indica</i> L.	Orobanchaceae	Herb
20	<i>Aegle marmelos</i> (L.) Corrêa	Rutaceae	Avenue Tree
21	<i>Aerides odorata</i> Lour.	Orchidaceae	Epiphytic Herb
22	<i>Aervalanata</i> (L.) Juss.	Amaranthaceae	Herb
23	<i>Aeschynomene americana</i> L.	Fabaceae	Herb
24	<i>Aeschynomene virginica</i> (L.) Britton	Fabaceae	Herb
25	<i>Aeschynomene indica</i> L.	Fabaceae	Herb
26	<i>Agave americana</i> L.	Asparagaceae	Herb
27	<i>Ageratum houstonianum</i> Mill.	Asteraceae	Herb
28	<i>Ageratum conyzoides</i> (L.) L.	Asteraceae	Herb
29	<i>Ailanthus triphysa</i> (Dennst.) Alston	Simaroubaceae	Natural Tree
30	<i>Ailanthus excelsa</i> Roxb.	Simaroubaceae	Natural Tree
31	<i>Alangium salvifolium</i> (L.f.) Wangerin	Cornaceae	Natural Tree
32	<i>Albizia lebeck</i> (L.) Benth.	Fabaceae	Avenue Tree

33	<i>Albiziaodoratissima</i> (L.f.)Benth.	Fabaceae	NaturalTree
34	<i>Albiziaprocera</i> (Roxb.)Benth	Fabaceae	NaturalTree
35	<i>Albiziaamara</i> (Roxb.)B.Boivin	Fabaceae	NaturalTree
36	<i>Albiziasaman</i> (Jacq.)Merr.	Fabaceae	AvenueTree
37	<i>Allmanianodiflora</i> (L.)R.Br.exWight	Amaranthaceae	Herb
38	<i>Allophylusserratus</i> (Roxb.)Kurz	Sapindaceae	NaturalTree
39	<i>Alloteropsiscimicina</i> (L.)Stapf	Poaceae	Grass
40	<i>Aloevera</i> (L.)Burm.f	Asphodelaceae	Herb
41	<i>Alternantheraphiloxeroides</i> (Mart.)Griseb.	Amaranthaceae	Herb
42	<i>Alternantherapungens</i> Kunth	Amaranthaceae	Herb
43	<i>Alternantherasessilis</i> (L.)DC	Amaranthaceae	Herb
44	<i>Alysicarpusbupleurifolius</i> (L.)DC.	Fabaceae	Herb
45	<i>Alysicarpushamosus</i> Edgew.	Fabaceae	Herb
46	<i>Alysicarpuslongifolius</i> (RottlerexSpreng.)Wight&Arn.	Fabaceae	Herb
47	<i>Alysicarpusmonilifer</i> (L.)DC.	Fabaceae	Herb
48	<i>Alysicarpusscariosus</i> (RottlerexSpreng.)Graham	Fabaceae	Herb
49	<i>Alysicarpusvaginalis</i> (L.)DC	Fabaceae	Herb
50	<i>Amaranthusspinus</i> L.	Amaranthaceae	Herb
51	<i>Ammanniabaccifera</i> L.	Lythraceae	Herb
52	<i>Ammanniamultiflora</i> Roxb.	Lythraceae	Herb
53	<i>Ammanniaoctandra</i> L.f.	Lythraceae	Herb
54	<i>Amorphophalluspaeoniifolius</i> (Dennst.)Nicolson.	Araceae	Herb
55	<i>Ampelocissuslatifolia</i> (Roxb.)Planch.	Vitaceae	Climber
56	<i>Anacardiumoccidentale</i> L.	Anacardaceae	AvenueTree
57	<i>Anamirtacocculus</i> (L.)Wight&Arn.	Menispermaceae	Climber
58	<i>Andrographisechioides</i> (L.)Nees.	Acanthaceae	Herb
59	<i>Andrographispaniculata</i> (Burm.f.)Nees	Acanthaceae	Herb
60	<i>Anisomelesindica</i> (L.)Kuntze	Lamiaceae	Herb
61	<i>Annonareticulata</i> L.	Annonaceae	AvenueTree
62	<i>Annonasquamosa</i> L.	Annonaceae	NaturalTree
63	<i>Antidesmaacidum</i> Retz	Phyllanthaceae	NaturalTree
64	<i>Antidesmaghaesembilla</i> Gaertn	Phyllanthaceae	NaturalTree
65	<i>Apludamutica</i> L.	Poaceae	Grass
66	<i>Aponogetonnatans</i> (L.)Engl.&K.Krause.	Aponogetonaceae	Herb
67	<i>Ardisiasolanacea</i> Roxb.	Primulaceae	Shrub
68	<i>Argemonemexicana</i> L.	Papaveraceae	Herb
69	<i>Argyreiacymosa</i> (Roxb.)Sweet.	Convolvulaceae	Climber
70	<i>Argyreianervosa</i> (Burm.f.)Bojer	Convolvulaceae	Climber
71	<i>Argyreiasericea</i> Dalzell&A.Gibson.	Convolvulaceae	Climber
72	<i>Arisaematortuosum</i> (Wall.)Schott	Araceae	Herb
73	<i>Aristidaadscensionis</i> L.	Poaceae	Grass
74	<i>Aristidahystrix</i> L.f.	Poaceae	Grass
75	<i>Aristidasetacea</i> Retz	Poaceae	Grass
76	<i>Aristolochiabracteolata</i> Lam.	Aristolochiaceae	Climber

77	<i>Aristolochia indica</i> L.	Aristolochiaceae	Climber
78	<i>Artabotrys hexapetalus</i> (L.f.) Bhandari.	Annonaceae	Climber
79	<i>Arthraxon lancifolius</i> (Trin.) Hochst.	Poaceae	Grass
80	<i>Arthraxon hispidus</i> (Thunb.) Makino	Poaceae	Grass
81	<i>Artocarpus heterophyllus</i> Lam	Moraceae	Avenue Tree
82	<i>Arundinella pumila</i> (Hochst. ex A. Rich.) Steud.	Poaceae	Grass
83	<i>Arundinella setosa</i> Trin.	Poaceae	Grass
84	<i>Arundinella ciliata</i> (Roxb.) Nees ex Miq	Poaceae	Grass
85	<i>Arundodonax</i> L.	Poaceae	Shrub
86	<i>Asparagus racemosus</i> Willd.	Asparagaceae	Climber
87	<i>Aspidopterys cordata</i> (B. Heyne ex Wall.) A. Juss.	Apocynaceae	Climber
88	<i>Aspidopterys indica</i> (Willd.) W. Theob.	Apocynaceae	Climber
89	<i>Aspidopterys cordata</i> (B. Heyne ex Wall.) A. Juss	Malpighiaceae	Climber
90	<i>Azadirachta indica</i> A. Juss.	Meliaceae	Natural Tree
91	<i>Azanza lampas</i> (Cav.) Alef.	Malvaceae	Shrub
92	<i>Bacopa monnieri</i> (L.) Wettst.	Plantaginaceae	Climber
93	<i>Balanites aegyptiaca</i> (L.) Delile	Zygophyllaceae	Natural Tree
94	<i>Baliospermum solanifolium</i> (Burm.) Suresh	Euphorbiaceae	Herb
95	<i>Bambusa bambos</i> (L.) Voss.	Poaceae	Bamboo
96	<i>Barleria gibsonii</i> Dalzell.	Acanthaceae	Herb
97	<i>Barleria longiflora</i> L.f.	Acanthaceae	Herb
98	<i>Barleria strigosa</i> Willd.	Acanthaceae	Herb
99	<i>Barleria cristata</i> L.	Acanthaceae	Herb
100	<i>Barleria prionitis</i> L.	Acanthaceae	Herb
101	<i>Barringtonia acutangula</i> (L.) Gaertn.	Lecythidaceae	Natural Tree
102	<i>Basella alba</i> L.	Basellaceae	Climber
103	<i>Basilicum polystachyon</i> (L.) Moench.	Lamiaceae	Herb
104	<i>Bauhinia purpurea</i> L.	Fabaceae	Avenue Tree
105	<i>Bauhinia racemosa</i> Lam.	Fabaceae	Natural Tree
106	<i>Begonia picta</i> Sm.	Begoniaceae	Herb
107	<i>Benkaramalabarica</i> (Lam.) Tirveng.	Rubiaceae	Natural Tree
108	<i>Bergia ammannioides</i> Roxb.	Elatinaceae	Herb
109	<i>Bergia capensis</i> L.	Elatinaceae	Herb
110	<i>Bidens biternata</i> (Lour.) Merr. & Sherff.	Asteraceae	Herb
111	<i>Biophytum reinwardtii</i> (Zucc.) Klotzsch	Oxalidaceae	Herb
112	<i>Biophytum sensitivum</i> (L.) DC.	Oxalidaceae	Herb
113	<i>Bixa orellana</i> L.	Bixaceae	Avenue Tree
114	<i>Blainvillea acmella</i> (L.) Philipson	Asteraceae	Herb
115	<i>Blepharis integrifolia</i> (L.f.) E. Mey. & Drège ex Schinz.	Acanthaceae	Climber
116	<i>Blepharisma deraspatensis</i> (L.) B. Heyne ex Roth.	Acanthaceae	Climber
117	<i>Blumea fistulosa</i> (Roxb.) Kurz	Asteraceae	Herb
118	<i>Blumea membranacea</i> DC.	Asteraceae	Herb
119	<i>Blumea mollis</i> (D. Don) Merr.	Asteraceae	Herb
120	<i>Blumea oxyodonta</i> DC.	Asteraceae	Herb

121	<i>Blumeavirens</i> DC.	Asteraceae	Herb
122	<i>Blumealacera</i> (Burm.f.)DC	Asteraceae	Herb
123	<i>Blysmusrufus</i> (Huds.)Link	Cyperaceae	Sedge
124	<i>Boerhaviacrispa</i> F.HeyneexHook.f.	Nyctaginaceae	Herb
125	<i>Boerhaviadiffusa</i> L.	Nyctaginaceae	Herb
126	<i>Bolboschoenusmaritimus</i> (L.)Palla	Cyperaceae	Sedge
127	<i>Bombaxceiba</i> L.	Bombacaceae	NaturalTree
128	<i>Bonnayaciliata</i> (Colsm.)Spreng	Linderniaceae	Herb
129	<i>Boswelliaserrata</i> Roxb.	Burseraceae	NaturalTree
130	<i>Bothriochloaglabra</i> (Roxb.)A.Camus	Poaceae	Grass
131	<i>Bouffordiadichotoma</i> (Willd.)H.Ohashi&K.Ohashi (<i>Desmodiumdichotomum</i>)	Fabaceae	Herb
132	<i>Brachiariaramosa</i> (L.)Stapf	Poaceae	Grass
133	<i>Brachypterumscandens</i> (Roxb.)Wight&Arn.exMiq (<i>Derrisscandens</i>)	Fabaceae	Climber
134	<i>Breyniaretusa</i> (Dennst.)Alston	Phyllanthaceae	Shrub
135	<i>Brideliamontana</i> (Roxb.)Willd	Phyllanthaceae	Shrub
136	<i>Brideliaretusa</i> (L.)A.Juss.	Phyllanthaceae	NaturalTree
137	<i>Buchananiaaxillaris</i> (Desr.)Ramamoorthy	Anacardiaceae	NaturalTree
138	<i>Buchnerahispida</i> Buch.-Ham.exD.Don	Orobanchaceae	Herb
139	<i>Buddlejaasiatica</i> Lour.	Scrophulariaceae	Shrub
140	<i>Bulbostylisbarbata</i> (Rottb.)C.B.Clarke	Cyperaceae	Sedge
141	<i>Bulbostylisdensa</i> (Wall.)Hand.-Mazz.	Cyperaceae	Sedge
142	<i>Buteasuperba</i> Roxb.exWilld.	Fabaceae	Climber
143	<i>Buteamonosperma</i> (Lam.)Taub.	Fabaceae	NaturalTree
144	<i>Butomopsislatifolia</i> (D.Don)Kunth	Alismataceae	Herb
145	<i>Byttneriaherbacea</i> Roxb	Malvaceae	Herb
146	<i>Cadabafruticosa</i> (L.)Druce.	Capparaceae	Climber
147	<i>Caesuliaaxillaris</i> Roxb.	Asteraceae	Herb
148	<i>Cajanusscarabaeoides</i> (L.)Thouars.	Fabaceae	Climber
149	<i>Callicarpatomentosa</i> (L.)L.	Lamiaceae	NaturalTree
150	<i>Calotropisgigantea</i> (L.)Dryand	Apocynaceae	Shrub
151	<i>Calotropisprocera</i> (Aiton)W.T.Aiton	Apocynaceae	Shrub
152	<i>Camoneavitifolia</i> (Burm.f.)A.R.Simões&Staples	Convolvulaceae	Climber
153	<i>Canavaliaensiformis</i> (L.)DC.	Fabaceae	Climber
154	<i>Canavaliagladiata</i> (Jacq.)DC.	Fabaceae	Climber
155	<i>Canscoradiffusa</i> (Vahl)R.Br.exRoem.&Schult.	Gentianaceae	Herb
156	<i>Canscoraheteroclita</i> (L.)Gilg	Gentianaceae	Herb
157	<i>Canscorapauciflora</i> Dalzell.	Gentianaceae	Herb
158	<i>Cansjerarheedei</i> J.F.Gmel.	Opiliaceae	Climber
159	<i>Canthiumcoromandelicum</i> (Burm.f.)Alston	Rubiaceae	NaturalTree
160	<i>Capillipediummassimile</i> (Steud.)A.Camus	Poaceae	Grass
161	<i>Capparissepriaria</i> L.	Capparaceae	Climber
162	<i>Cappariszeylanica</i> L.	Capparaceae	Climber
163	<i>Carallumaadscendens</i> (Roxb.)R.Br.	Apocynaceae	Herb

164	<i>Cardiospermum halicacabum</i> L.	Sapindaceae	Climber
165	<i>Carex cruciata</i> Wahlenb.	Cyperaceae	Sedge
166	<i>Careya arborea</i> Roxb.	Lecythidaceae	Natural Tree
167	<i>Casearia tomentosa</i> Roxb.	Salicaceae	Natural Tree
168	<i>Cassia fistula</i> L.	Fabaceae	Natural Tree
169	<i>Cassytha filiformis</i> L.	Lauraceae	Climber
170	<i>Catharanthus pusillus</i> (Murray)G. Don	Apocynaceae	Herb
171	<i>Catunaregam spinosa</i> (Thunb.)Tirveng.	Rubiaceae	Natural Tree
172	<i>Causonistrifolia</i> (L.)Mabb.&J. Wen.	Capparaceae	Climber
173	<i>Cayratia pedata</i> (Lam.)Juss.ex Gagnep.	Vitaceae	Climber
174	<i>Ceiba pentandra</i> (L.)Gaertn.	Bombacaceae	Avenue Tree
175	<i>Celastrus paniculatus</i> Willd.	Celastraceae	Climber
176	<i>Celosia argentea</i> L.	Amaranthaceae	Herb
177	<i>Celtis timorensis</i> Span.	Cannabaceae	Natural Tree
178	<i>Cenchrus ciliaris</i> L.	Poaceae	Grass
179	<i>Cenchrus pedicellatus</i> (Trin.)Morrone	Poaceae	Grass
180	<i>Cenchrus purpureus</i> (Schumach.)Morrone	Poaceae	Grass
181	<i>Centella asiatica</i> (L.)Urb.	Umbelliferae	Climber
182	<i>Centella asiatica</i> (L.)Urb.	Apiaceae	Herb
183	<i>Centotheca lappacea</i> (L.)Desv.	Poaceae	Grass
184	<i>Centranthera indica</i> (L.)Gamble	Orobanchaceae	Herb
185	<i>Ceriscoides turgida</i> (Roxb.)Tirveng.	Rubiaceae	Natural Tree
186	<i>Ceropegia bulbosa</i> Roxb.	Apocynaceae	Herb
187	<i>Chionanthus mala-elengi</i> (Dennst.)P. S. Green	Oleaceae	Natural Tree
188	<i>Chloris radiata</i> (L.)Sw.	Poaceae	Grass
189	<i>Chlorophytum arundinaceum</i> Baker.	Asparagaceae	Herb
190	<i>Chlorophytum tuberosum</i> (Roxb.)Baker	Asparagaceae	Herb
191	<i>Chloroxylon swietenia</i> DC.	Rutaceae	Natural Tree
192	<i>Chromolaena odorata</i> (L.)R. M. King & H. Rob.	Asteraceae	Shrub
193	<i>Chrozophora plicata</i> (Vahl)A. Juss.ex Spreng.	Euphorbiaceae	Herb
194	<i>Chrozophora rotleri</i> (Geiseler)Spreng.	Euphorbiaceae	Herb
195	<i>Chrysopogon zizanioides</i> (L.)Roberty	Poaceae	Grass
196	<i>Chrysopogon fulvus</i> (Spreng.)Chiov.	Poaceae	Grass
197	<i>Chukrasia tabularis</i> A. Juss.	Meliaceae	Avenue Tree
198	<i>Cipadessa baccifera</i> (Roxb.ex Roth)Miq.	Meliaceae	Natural Tree
199	<i>Cissampelos pareira</i> L.	Menispermaceae	Climber
200	<i>Cissus quadrangularis</i> L.	Vitaceae	Herb
201	<i>Cissus repanda</i> (Wight & Arn.)Vahl	Vitaceae	Herb
202	<i>Cissus vitiginea</i> L.	Vitaceae	Herb
203	<i>Cissus vitiginea</i> L.	Vitaceae	Climber
204	<i>Citrullus colocynthis</i> (L.)Schrad.	Cucurbitaceae	Climber
205	<i>Cleistanthus collinus</i> (Roxb.)Benth.ex Hook.f.	Phyllanthaceae	Natural Tree
206	<i>Clematis gouriana</i> Roxb.ex DC.	Ranunculaceae	Climber
207	<i>Clematis zeylanica</i> (L.)Poir.	Ranunculaceae	Climber

208	<i>Cleomeaspera</i> J.KoenigexDC	Cleomaceae	Herb
209	<i>Cleomechelidoni</i> L.f.	Cleomaceae	Herb
210	<i>Cleomefelina</i> L.f.	Cleomaceae	Herb
211	<i>Cleomegynandra</i> L.	Cleomaceae	Herb
212	<i>Cleomeviscosa</i> L.	Cleomaceae	Herb
213	<i>Clerodendrum</i> infortunatumL.	Lamiaceae	Shrub
214	<i>Clitoriaternate</i> L.	Fabaceae	Climber
215	<i>Cocciniagrandis</i> (L.)Voigt.	Cucurbitaceae	Climber
216	<i>Cocculushirsutus</i> (L.)W.Theob.	Menispermaceae	Climber
217	<i>Cochlospermum</i> religiosum(L.)Alston	<i>Bixaceae</i>	NaturalTree
218	<i>Coixlacryma</i> -jobiL.	Poaceae	Grass
219	<i>Coldeniapro</i> cumbensL.	Boraginaceae	Herb
220	<i>Colebrookea</i> oppositifoliaSm.	Lamiaceae	Shrub
221	<i>Coleus</i> strobilifer(Roxb.)A.J.Paton	Lamiaceae	Herb
222	<i>Colocasia</i> aesculenta(L.)Schott	Araceae	Herb
223	<i>Combretum</i> decandrumJacq.	Combretaceae	Climber
224	<i>Commelina</i> aerectaL.	Commelinaceae	Herb
225	<i>Commelinab</i> enghalensisL.	Commelinaceae	Herb
226	<i>Commicarpus</i> chinensis(L.)Heimerl.	Nyctaginaceae	Herb
227	<i>Convolvulus</i> arvensisL.	Convolvulaceae	Climber
228	<i>Convolvulus</i> prostratusForssk.	Convolvulaceae	Climber
229	<i>Corallocarpus</i> epigaeus(Rottler)Hook.f.	Cucurbitaceae	Climber
230	<i>Corchorus</i> olitoriusL.	Tiliaceae	Herb
231	<i>Corchorusa</i> estuansL.	Tiliaceae	Herb
232	<i>Corchorus</i> capsularisL.	Malvaceae	Herb
233	<i>Cordiadichotoma</i> G.Forst.	Boraginaceae	NaturalTree
234	<i>Cordiamacleodii</i> (Griff.)Hook.f.&Thomson	Boraginaceae	NaturalTree
235	<i>Cosmos</i> bipinnatusCav.	Asteraceae	Herb
236	<i>Cosmostigma</i> cordatum(Poir.)M.R.Almeida.	Apocynaceae	Climber
237	<i>Crassocephalum</i> crepidioides(Benth.)S.Moore	Asteraceae	Herb
238	<i>Craterostigma</i> nummulariifolium(D.Don)Eb.Fisch.	Linderniaceae	Herb
239	<i>Crateva</i> magna(Lour.)DC	Capparaceae	NaturalTree
240	<i>Crinum</i> asiaticumL.	Amaryllidaceae	Herb
241	<i>Crinum</i> latifoliumL.	Amaryllidaceae	Herb
242	<i>Crotalaria</i> aalbidaB.HeyneexRoth	Fabaceae	Herb
243	<i>Crotalaria</i> amosissimaRoxb	Fabaceae	Herb
244	<i>Crotalaria</i> aretusaL.	Fabaceae	Herb
245	<i>Crotalaria</i> spectabilisRoth.	Fabaceae	Herb
246	<i>Crotalaria</i> acalycinaSchrank	Fabaceae	Herb
247	<i>Crotalaria</i> hebecarpa(DC.)Rudd	Fabaceae	Herb
248	<i>Crotalaria</i> averrucosaL.	Fabaceae	Herb
249	<i>Croton</i> bonplandianusBaill.	Euphorbiaceae	Herb
250	<i>Cryptocoryne</i> retrospiralis(Roxb.)Kunth.	Araceae	Herb

251	<i>Cryptolepisbuchanani</i> R.Br.exRoem.&Schult.	Apocynaceae	Climber
252	<i>Cryptolepisdubia</i> (Burm.f.)M.R.Almeida.	Apocynaceae	Climber
253	<i>Cryptostegiagrandidiflora</i> Roxb.exR.Br.	Apocynaceae	Climber
254	<i>Cucumis maderaspatanus</i> L.(<i>Mukiamaderaspatana</i> (L.)M.Roem.)	Cucurbitaceae	Climber
255	<i>Cucumissetosus</i> Cogn.	Cucurbitaceae	Climber
256	<i>Curculigoorchioides</i> Gaertn	Hypoxidaceae	Herb
257	<i>Curcumaaromatica</i> Salisb.	Zingiberaceae	Herb
258	<i>Curcumapseudomontana</i> J.Graham.	Zingiberaceae	Herb
259	<i>Cyanotisaxillaris</i> (L.)D.DonexSweet	Commelinaceae	Herb
260	<i>Cyanotiscristata</i> (L.)D.Don	Commelinaceae	Herb
261	<i>Cyanotistuberosa</i> (Roxb.)Schult.&Schult.f.	Commelinaceae	Herb
262	<i>Cyathoclinepurpurea</i> (Buch.-Ham.exD.Don)Kuntze.	Asteraceae	Herb
263	<i>Cymbidiumaloifolium</i> (L.)Sw.	Orchidaceae	EpiphyticHerb
264	<i>Cymbopogoncitratu</i> s(DC.)Stapf	Poaceae	Grass
265	<i>Cymbopogonmartini</i> (Roxb.)W.Watson	Poaceae	Grass
266	<i>Cynanchumannularium</i> (Roxb.)Liede&Khanum.	Apocynaceae	Climber
267	<i>Cynodonradiatus</i> Roth	Poaceae	Grass
268	<i>Cynodondactylon</i> (L.)Pers.	Poaceae	Grass
269	<i>Cynoglossumlanceolatum</i> Forssk	Boraginaceae	Herb
270	<i>Cyperusalbescens</i> (Steud.)Larridon&Govaerts	Cyperaceae	Sedge
271	<i>Cyperusalulatus</i> J.Kern	Cyperaceae	Sedge
272	<i>Cyperusarticulatus</i> L.	Cyperaceae	Sedge
273	<i>Cyperusbipartitus</i> Torr.	Cyperaceae	Sedge
274	<i>Cyperuscephalotes</i> Vahl	Cyperaceae	Sedge
275	<i>Cyperuscompactus</i> Retz.	Cyperaceae	Sedge
276	<i>Cyperuscyperinus</i> (Retz.)Valck.Sur.	Cyperaceae	Sedge
277	<i>Cyperuscyperoides</i> (L.)Kuntze	Cyperaceae	Sedge
278	<i>Cyperusdenudatus</i> L.f.	Cyperaceae	Sedge
279	<i>Cyperusdifformis</i> L.	Cyperaceae	Sedge
280	<i>Cyperusflavidus</i> Retz.	Cyperaceae	Sedge
281	<i>Cyperusfuscus</i> L.	Cyperaceae	Sedge
282	<i>Cyperushortensis</i> (Salzm.exSteud.)Dorr	Cyperaceae	Sedge
283	<i>Cyperusimbricatus</i> Retz.	Cyperaceae	Sedge
284	<i>Cyperusiria</i> L.	Cyperaceae	Sedge
285	<i>Cyperuslaevigatus</i> L.	Cyperaceae	Sedge
286	<i>Cyperusmalaccensis</i> Lam.	Cyperaceae	Sedge
287	<i>Cyperusniveus</i> Retz.	Cyperaceae	Sedge
288	<i>Cyperusnutans</i> var. <i>eleusinoides</i> (Kunth)Haines	Cyperaceae	Sedge
289	<i>Cyperusnutans</i> var. <i>nutans</i>	Cyperaceae	Sedge
290	<i>Cyperuspangorei</i> Rottb.	Cyperaceae	Sedge
291	<i>Cyperuspilosus</i> Vahl	Cyperaceae	Sedge
292	<i>Cyperuspolystachyos</i> Rottb.	Cyperaceae	Sedge
293	<i>Cyperuspumilus</i> L.	Cyperaceae	Sedge

294	<i>Cyperusrotundus</i> L.	Cyperaceae	Sedge
295	<i>Cyperussanguinolentus</i> Vahl	Cyperaceae	Sedge
296	<i>Cyperussquarrosus</i> L.	Cyperaceae	Sedge
297	<i>Cyperusstrigosus</i> L.	Cyperaceae	Sedge
298	<i>Cyperustenuispica</i> Steud.	Cyperaceae	Sedge
299	<i>Cyperusthunbergii</i> Vahl	Cyperaceae	Sedge
300	<i>Cyphostemmaauriculatum</i> (Roxb.)P.Singh&B.V.S hetty.	Cucurbitaceae	Climber
301	<i>Cyrtococcumoxyphyllum</i> (Hochst.exSteud.)Stapf	Poaceae	Grass
302	<i>Dactylocteniumaegyptium</i> (L.)Willd.	Poaceae	Grass
303	<i>Dalbergialanceolaria</i> L.f.	Fabaceae	NaturalTree
304	<i>Dalbergialatifolia</i> Roxb.	Fabaceae	NaturalTree
305	<i>Dalbergiasissoo</i> DC.	Fabaceae	NaturalTree
306	<i>Daturainnoxia</i> Mill.	Solanaceae	Herb
307	<i>Delonixregia</i> (Hook.)Raf.	Fabaceae	AvenueTree
308	<i>Dendrobiummacrostachyum</i> Lindl.	Orchidaceae	EpiphyticHerb
309	<i>Dendrocalamusstrictus</i> (Roxb.)Nees.	Poaceae	Bamboo
310	<i>Dendrophthoefalcata</i> (L.f.)Ettingsh.	Loranthaceae	EpiphyticHerb
311	<i>Dendrophthoefalcata</i> (L.f.)Ettingsh	Loranthaceae	Climber
312	<i>Dentellarepens</i> (L.)J.R.Forst.&G.Forst.	Rubiaceae	Herb
313	<i>Dentellarepens</i> var. <i>serpyllifolia</i> (Wall.exCraib)Ver dc	Rubiaceae	Herb
314	<i>Dichanthiumannulatum</i> (Forssk.)Stapf	Poaceae	Grass
315	<i>Dichanthiumcaricosum</i> (L.)A.Camus	Poaceae	Grass
316	<i>Dichanthiumfoveolatum</i> (Delile)Roberty	Poaceae	Grass
317	<i>Dichrostachyscinerea</i> (L.)Wight&Arn.	Fabaceae	NaturalTree
318	<i>Diclipterapaniculata</i> (Forssk.)I.Darbysh.	Acanthaceae	Herb
319	<i>Dicomatomentosa</i> Cass	Asteraceae	Herb
320	<i>Didymocarpuspygmaeus</i> C.B.Clarke.	Gesneriaceae	Herb
321	<i>Digeramuricata</i> (L.)Mart.	Amaranthaceae	Herb
322	<i>Digitariaabyssinica</i> (Hochst.exA.Rich.)Stapf	Poaceae	Grass
323	<i>Digitarialongiflora</i> (Retz.)Pers.	Poaceae	Grass
324	<i>Digitariaabludens</i> (Roem.&Schult.)Veldkamp	Poaceae	Grass
325	<i>Dilleniaindical</i> .	Dilleniaceae	NaturalTree
326	<i>Dilleniapentagyna</i> Roxb.	Dilleniaceae	NaturalTree
327	<i>Dimeriaconnivens</i> Hack.	Poaceae	Grass
328	<i>Dimeriaornithopoda</i> Trin	Poaceae	Grass
329	<i>Dinebrachinensis</i> (L.)P.M.Peterson&N.Snow	Poaceae	Grass
330	<i>Dinebraretroflexa</i> (Vahl)Panz	Poaceae	Grass
331	<i>Dioscoreabulbifera</i> L.	Dioscoreaceae	Climber
332	<i>Dioscoreahispida</i> Dennst.	Dioscoreaceae	Climber
333	<i>Dioscoreaoppositifolia</i> L.	Dioscoreaceae	Climber
334	<i>Dioscoreapentaphylla</i> L.	Dioscoreaceae	Climber
335	<i>Diospyrosmalabarica</i> (Desr.)Kostel	Ebenaceae	NaturalTree
336	<i>Diospyrosmelanoxydon</i> Roxb.	Ebenaceae	NaturalTree

337	<i>Diospyros montana</i> Roxb.	Ebenaceae	Natural Tree
338	<i>Diospyros chloroxylon</i> Roxb.	Ebenaceae	Natural Tree
339	<i>Dipcadiserotinum</i> (L.) Medik.	Asparagaceae	Herb
340	<i>Diplacrum caricinum</i> R. Br.	Cyperaceae	Sedge
341	<i>Diplocyclospalmatus</i> (L.) C. Jeffrey.	Cucurbitaceae	Climber
342	<i>Distimakeaegyptius</i> (L.) A. R. Simões & Staples	Convolvulaceae	Climber
343	<i>Distimakea dissectus</i> (Jacq.) A. R. Simões & Staples	Convolvulaceae	Climber
344	<i>Dodonaea viscosa</i> Jacq.	Sapindaceae	Shrub
345	<i>Dolichandroneaetovirens</i> (Roth) K. Schum.	Bignoniaceae	Natural Tree
346	<i>Dolichandrone falcata</i> (Wall. ex DC.) Seem.	Bignoniaceae	Natural Tree
347	<i>Dopatrium junceum</i> (Roxb.) Buch.-Ham. ex Benth	Plantaginaceae	Herb
348	<i>Drimiaindica</i> (Roxb.) Jessop.	Asparagaceae	Herb
349	<i>Drosera burmanni</i> Vahl.	Droseraceae	Herb
350	<i>Drosera indica</i> L.	Droseraceae	Herb
351	<i>Dyschoriste vagans</i> (Wight) Kuntze.	Acanthaceae	Herb
352	<i>Echinochloa colonum</i> (L.) Link	Poaceae	Grass
353	<i>Echinochloa crus-galli</i> (L.) P. Beauv.	Poaceae	Grass
354	<i>Echinopsechinatus</i> Roxb.	Asteraceae	Herb
355	<i>Eclipta prostrata</i> (L.) L.	Asteraceae	Herb
356	<i>Ehretia laevis</i> Roxb.	Boraginaceae	Natural Tree
357	<i>Elaeodendron glaucum</i> (Rottb.) Pers.	Celastraceae	Shrub
358	<i>Eleiotissororia</i> (L.) DC.	Fabaceae	Climber
359	<i>Eleocharis acutangula</i> (Roxb.) Schult.	Cyperaceae	Sedge
360	<i>Eleocharis atropurpurea</i> (Retz.) J. Presl & C. Presl	Cyperaceae	Sedge
361	<i>Eleocharis congesta</i> D. Don	Cyperaceae	Sedge
362	<i>Eleocharis dulcis</i> (Burm. f.) Trin. ex Hensch.	Cyperaceae	Sedge
363	<i>Eleocharis geniculata</i> (L.) Roem. & Schult.	Cyperaceae	Sedge
364	<i>Eleocharis retroflexa</i> (Poir.) Urb.	Cyperaceae	Sedge
365	<i>Elephantopus scaber</i> L.	Asteraceae	Herb
366	<i>Eleusine indica</i> (L.) Gaertn.	Poaceae	Grass
367	<i>Elytraria acaulis</i> (L. f.) Lindau	Acanthaceae	Herb
368	<i>Elytrophorus spicatus</i> (Willd.) A. Camus	Poaceae	Grass
369	<i>Emilia scabra</i> DC	Asteraceae	Herb
370	<i>Emilia sonchifolia</i> (L.) DC.	Asteraceae	Herb
371	<i>Endosamaracemosa</i> (Roxb.) R. Geesink.	Fabaceae	Climber
372	<i>Enicostema axillare</i> (Poir. ex Lam.) A. Raynal	Gentianaceae	Herb
373	<i>Enteropogon dolichostachyus</i> (Lag.) Keng	Poaceae	Grass
374	<i>Eragrostiella brachyphylla</i> (Stapf) Bor	Poaceae	Grass
375	<i>Eragrostiella bifaria</i> (Vahl) Bor	Poaceae	Grass
376	<i>Eragrostis ciliaris</i> (L.) R. Br.	Poaceae	Grass
377	<i>Eragrostis gangetica</i> (Roxb.) Steud.	Poaceae	Grass
378	<i>Eragrostis japonica</i> (Thunb.) Trin.	Poaceae	Grass
379	<i>Eragrostis minor</i> Host	Poaceae	Grass
380	<i>Eragrostis pilosa</i> (L.) P. Beauv.	Poaceae	Grass

381	<i>Eragrostistenella</i> (L.)P.Beauv.exRoem.&Schult.	Poaceae	Grass
382	<i>Eragrostistenuifolia</i> (A.Rich.)Hochst.exSteud.	Poaceae	Grass
383	<i>Eragrostisunioloides</i> (Retz.)NeesexSteud.	Poaceae	Grass
384	<i>Eranthemumpurpurascens</i> WightexNees	Acanthaceae	Herb
385	<i>Eriolaenahookeriana</i> Wight&Arn.	Malvaceae	NaturalTree
386	<i>Eriolaenaquinquelocularis</i> (Wight&Arn.)Drury	Malvaceae	NaturalTree
387	<i>Erioscirpuscomosus</i> (Wall.)Palla	Cyperaceae	Sedge
388	<i>Erycibepaniculata</i> Roxb.	Convolvulaceae	Climber
389	<i>Erythrinaabyssinica</i> Lam.	Fabaceae	NaturalTree
390	<i>Erythroxyllummonogynum</i> Roxb.	Erythroxyllaceae	NaturalTree
391	<i>Eucalyptusglobulus</i> Labill.	Myrtaceae	AvenueTree
392	<i>Eulaliafastigiata</i> (NeesexSteud.)Haines	Poaceae	Grass
393	<i>Eulaliopsisbinata</i> (Retz.)C.E.Hubb.	Poaceae	Grass
394	<i>Euphorbiaantiquorum</i> L.	Euphorbiaceae	NaturalTree
395	<i>Euphorbiahirta</i> L.	Euphorbiaceae	Herb
396	<i>Euphorbianivulia</i> Buch.-Ham.	Euphorbiaceae	NaturalTree
397	<i>Euphorbiatirucalli</i> L.	Euphorbiaceae	NaturalTree
398	<i>Evolvulusalsinoides</i> (L.)L.	Convolvulaceae	Herb
399	<i>Evolvulusnummularius</i> (L.)L.	Convolvulaceae	Climber
400	<i>Ficusamplissima</i> Sm.	Moraceae	NaturalTree
401	<i>Ficuselmeri</i> Merr.	Moraceae	NaturalTree
402	<i>Ficushispida</i> L.f.	Moraceae	NaturalTree
403	<i>Ficusracemosa</i> L.	Moraceae	NaturalTree
404	<i>Ficusrumphii</i> Blume	Moraceae	NaturalTree
405	<i>Ficustinctoriasubsp.gibbosa</i> (Blume)Corner.	Moraceae	Shrub
406	<i>Ficusbenghalensis</i> L.	Moraceae	NaturalTree
407	<i>Ficusbenjamina</i> L.	Moraceae	AvenueTree
408	<i>Ficusmollis</i> Vahl	Moraceae	NaturalTree
409	<i>Ficusreligiosa</i> L.	Moraceae	AvenueTree
410	<i>Ficusvirens</i> Aiton	Moraceae	NaturalTree
411	<i>Fimbristylisaestivalis</i> (Retz.)Vahl	Cyperaceae	Sedge
412	<i>Fimbristylisalboviridis</i> C.B.Clarke	Cyperaceae	Sedge
413	<i>Fimbristylisargentea</i> (Rottb.)Vahl	Cyperaceae	Sedge
414	<i>Fimbristylisbisumbellata</i> (Forssk.)Bubani	Cyperaceae	Sedge
415	<i>Fimbristyliscymosa</i> R.Br.	Cyperaceae	Sedge
416	<i>Fimbristylisdichotoma</i> (L.)Vahl	Cyperaceae	Sedge
417	<i>Fimbristylisfalcata</i> (Vahl)Kunth	Cyperaceae	Sedge
418	<i>Fimbristylispolytrichoides</i> (Retz.)R.Br.	Cyperaceae	Sedge
419	<i>Fimbristylisquingularis</i> (Vahl)Kunth	Cyperaceae	Sedge
420	<i>Fimbristylistenera</i> Schult.	Cyperaceae	Sedge
421	<i>Fimbristylistetragona</i> R.Br.	Cyperaceae	Sedge
422	<i>Firmianacolorata</i> (Roxb.)R.Br.	Malvaceae	NaturalTree
423	<i>Firmianasimplex</i> (L.)W.Wight	Malvaceae(=Sterculiaceae)	NaturalTree
424	<i>Flacourtiaindica</i> (Burm.f.)Merr.	Salicaceae	NaturalTree

425	<i>Flueggealeucopyrus</i> Willd.	Euphorbiaceae	Shrub
426	<i>Fuirenaciliaris</i> (L.) Roxb.	Cyperaceae	Sedge
427	<i>Galactiastriata</i> var. <i>villosa</i> (Wight & Arn.) Verdc.	Fabaceae	Climber
428	<i>Gardeniagummifera</i> L.f.	Rubiaceae	Shrub
429	<i>Gardenialatifolia</i> Aiton	Rubiaceae	Natural Tree
430	<i>Gardeniaresinifera</i> Roth	Rubiaceae	Natural Tree
431	<i>Garugapinnata</i> Roxb.	Burseraceae	Natural Tree
432	<i>Getoniaflorbunda</i> Roxb.	Combretaceae	Climber
433	<i>Gliricidiasepium</i> (Jacq.) Walp.	Fabaceae	Avenue Tree
434	<i>Glochidionvelutinum</i> Wight	Phyllanthaceae	Natural Tree
435	<i>Glochidionzeylanicum</i> (Gaertn.) A. Juss.	Phyllanthaceae	Natural Tree
436	<i>Gloriosasuperba</i> L.	Colchicaceae	Climber
437	<i>Glossocardiabosvallia</i> (L.f.) DC	Asteraceae	Herb
438	<i>Glycosmis pentaphylla</i> (Retz.) DC	Rutaceae	Natural Tree
439	<i>Gmelinaarborea</i> Roxb. ex Sm.	Verbenaceae	Natural Tree
440	<i>Gmelinaasiatica</i> L.	Verbenaceae	Natural Tree
441	<i>Gomphrenaserrata</i> L.	Amaranthaceae	Herb
442	<i>Gonostegiapentandra</i> (Roxb.) Miq.	Urticaceae	Herb
443	<i>Gouania leptostachya</i> DC.	Rhamnaceae	Climber
444	<i>Grewiaasiatica</i> L.	Tiliaceae	Natural Tree
445	<i>Grewiaflavescens</i> Juss.	Malvaceae	Shrub
446	<i>Grewiahirsuta</i> Vahl	Malvaceae	Shrub
447	<i>Grewiarothii</i> DC.	Malvaceae	Shrub
448	<i>Grewiatiliifolia</i> Vahl.	Malvaceae	Shrub
449	<i>Grewiatiliifolia</i> Vahl	Tiliaceae	Natural Tree
450	<i>Gronaheterocarpos</i> (L.) H. Ohashi & K. Ohashi.	Fabaceae	Herb
451	<i>Gronaheterophylla</i> (Willd.) H. Ohashi & K. Ohashi	Fabaceae	Herb
452	<i>Guilandina bonducl.</i> = (<i>Caesalpinia bonducl.</i> (L.) Roxb.)	Fabaceae	Climber
453	<i>Gymnemasylvestre</i> (Retz.) R. Br. ex Sm.	Apocynaceae	Climber
454	<i>Gymnosporiasenegalensis</i> (Lam.) Loes.	Celastraceae	Shrub
455	<i>Habenariagibsonii</i> var. <i>foetida</i> Blatt. & McCann	Orchidaceae	Herb
456	<i>Habenariaplantaginea</i> Lindl.	Orchidaceae	Herb
457	<i>Habenariaroxburghii</i> Nicolson	Orchidaceae	Herb
458	<i>Hackelochloa granularis</i> (L.) Kuntze	Poaceae	Grass
459	<i>Handroanthus impetiginosus</i> (Mart. ex DC.) Mattos	Bignoniaceae	Avenue Tree
460	<i>Hardwickiabinata</i> Roxb.	Fabaceae	Natural Tree
461	<i>Helicteresisora</i> L.	Malvaceae	Shrub
462	<i>Heliotropium indicum</i> L.	Boraginaceae	Herb
463	<i>Hemarthriacompressa</i> (L.f.) R. Br.	Poaceae	Grass
464	<i>Hemidesmus indicus</i> (L.) R. Br., W. T. Aiton	Apocynaceae	Climber
465	<i>Heptapleurum digitatum</i> (G. Don ex Loudon) Lowry & G. M. Plunkett	Araliaceae	Shrub
466	<i>Heterophragma quadriloculare</i> (Roxb.) K. Schum.	Bignoniaceae	Natural Tree
467	<i>Heteropogon contortus</i> (L.) P. Beauv. ex Roem. & Schult.	Poaceae	Grass

468	<i>Hewittiamalabarica</i> (L.)Suresh.,D.H.Nicolson,C.R. .Suresh&K.S.Manilal	Convolvulaceae	Climber
469	<i>Hibiscuslobatus</i> (Murray)Kuntze	Malvaceae	Herb
470	<i>Hibiscustiliaceus</i> L.	Malvaceae	AvenueTree
471	<i>Hibiscusvitifolius</i> L.	Malvaceae	Shrub
472	<i>Hiptagebenghalensis</i> (L.)Kurz.	Malpighiaceae	Climber
473	<i>Holarrhenapubescens</i> Wall.exG.Don	Apocynaceae	NaturalTree
474	<i>Holopteleaintegrifolia</i> Planch.	Ulmaceae	NaturalTree
475	<i>Homonoiariparia</i> Lour.	Euphorbiaceae	Shrub
476	<i>Hoppeadichotoma</i> Willd.	Gentianaceae	Herb
477	<i>Huberanthacerasoides</i> (Roxb.)Chaowasku	Annonaceae	NaturalTree
478	<i>Hydrillaverticillata</i> (L.f.)Royle.	Hydrocharitaceae	Herb
479	<i>Hydroleazeylanica</i> (L.)Vahl	Hydroleaceae	Herb
480	<i>Hygrophilaauriculata</i> (Schumach.)Heine	Acanthaceae	Herb
481	<i>Hygrophilapolysperma</i> (Roxb.)T.Anderson	Acanthaceae	Herb
482	<i>Hygrophilaserpyllum</i> (Nees)T.Anderson.	Acanthaceae	Herb
483	<i>Hymenodictyonorixense</i> (Roxb.)Mabb.	Rubiaceae	NaturalTree
484	<i>Ichnocarpusfrutescens</i> (L.)W.T.Aiton.	Apocynaceae	Climber
485	<i>Imperatacylindrica</i> (L.)Raeusch.	Poaceae	Grass
486	<i>Indigoferaastragalina</i> DC	Fabaceae	Herb
487	<i>Indigoferacassioides</i> RottlerexDC.	Fabaceae	Shrub
488	<i>Indigoferaglabra</i> L.	Fabaceae	Herb
489	<i>Indigoferalinifolia</i> (L.f.)Retz.	Fabaceae	Herb
490	<i>Indigoferanummulariifolia</i> (L.)LiveraexAlston.	Fabaceae	Herb
491	<i>Indigoferatinctorial</i> L.	Fabaceae	Herb
492	<i>Indigoferatrifoliata</i> L.	Fabaceae	Herb
493	<i>Indigoferaglandulosa</i> Wendl	Fabaceae	Herb
494	<i>Iphigeniaindica</i> (L.)A.GrayexKunth	Colchicaceae	Herb
495	<i>Iphigeniapallida</i> Baker.	Colchicaceae	Herb
496	<i>Ipomoeaaquatica</i> Forssk.	Convolvulaceae	Climber
497	<i>Ipomoeabarlerioides</i> (Choisy)Benth.exC.B.Clarke	Convolvulaceae	Climber
498	<i>Ipomoeacarneasubsp.fistulosa</i> (Mart.exChoisy)D. F.Austin.	Convolvulaceae	Shrub
499	<i>Ipomoeaoptica</i> (L.)Roth.	Convolvulaceae	Climber
500	<i>Ipomoeaeriocarpa</i> R.Br.	Convolvulaceae	Climber
501	<i>Ipomoeahederifolia</i> L.	Convolvulaceae	Climber
502	<i>Ipomoeamuricata</i> (L.)Jacq.(<i>Ipomoeaturbinata</i> Lag.)	Convolvulaceae	Climber
503	<i>Ipomoeanil</i> (L.)Roth.	Convolvulaceae	Climber
504	<i>Ipomoeaobscura</i> (L.)KerGawl.	Convolvulaceae	Climber
505	<i>Ipomoeapes-tigridis</i> L.	Convolvulaceae	Climber
506	<i>Ipomoeaquamolif</i> L.,Sp.Pl.:159(1753)	Convolvulaceae	Climber
507	<i>Isachneglobosa</i> (Thunb.)Kuntze	Poaceae	Grass
508	<i>Iseilemaantheaphoroides</i> Hack.	Poaceae	Grass
509	<i>Iseilemajainianum</i> P.Umam.&P.Daniel	Poaceae	Grass

510	<i>Iseilemaprostratum</i> (L.)Andersson	Poaceae	Grass
511	<i>Ixorapavetta</i> Andr.	Rubiaceae	NaturalTree
512	<i>Jacarandamimosifolia</i> D.Don	Bignoniaceae	AvenueTree
513	<i>Jacquemontiapaniculata</i> (Burm.f.)Hallierf.	Convolvulaceae	Climber
514	<i>Jasminummultiflorum</i> (Burm.f.)Andrews.	Oleaceae	Shrub
515	<i>Jatrophacurcas</i> L.	Eupobiaceae	NaturalTree
516	<i>Jatrophagossypiifolia</i> L.	Euphorbiaceae	Shrub
517	<i>Justiciaglauca</i> Rottler	Acanthaceae	Herb
518	<i>Justiciaadhatoda</i> L.	Acanthaceae	Herb
519	<i>Kaempferiagalanga</i> L.	Zingiberaceae	Herb
520	<i>Knoxiasumatrensis</i> (Retz.)DC	Rubiaceae	Herb
521	<i>Kydiacalcycina</i> Roxb.	Malvaceae	NaturalTree
522	<i>Kyllingatriceps</i> Rottb.	Cyperaceae	Sedge
523	<i>Lablabpurpureus</i> (L.)Sweet.	Fabaceae	Climber
524	<i>Lagasceamollis</i> Cav	Asteraceae	Herb
525	<i>Lagerstroemiareginae</i> Roxb.	Lythraceae	AvenueTree
526	<i>Lagerstroemiaparviflora</i> Roxb	Lythraceae	NaturalTree
527	<i>Lanneacoromandelica</i> (Houtt.)Merr.	Anacardiaceae	NaturalTree
528	<i>Lantanacamara</i> L.	Lamiaceae	Shrub
529	<i>Launaeaacaulis</i> (Roxb.)Babc.exKerr	Asteraceae	Herb
530	<i>Launaeaprocumbens</i> (Roxb.)Ramayya&Rajagopal.	Asteraceae	Herb
531	<i>Lavandulabipinnata</i> (Roth)Kuntze.	Lamiaceae	Herb
532	<i>Lawsoniainermis</i> L.	Lythraceae	Shrub
533	<i>Leeaasiatica</i> (L.)Ridsdale	Vitaceae	Shrub
534	<i>Leeaindica</i> (Burm.f.)Merr.	Vitaceae	Shrub
535	<i>Leeamacrophylla</i> Roxb.exHornem.	Vitaceae	Shrub
536	<i>Leersiahexandra</i> Sw.	Poaceae	Grass
537	<i>Leonotisnepetifolia</i> (L.)R.Br.	Lamiaceae	Herb
538	<i>Lepidagathiscristata</i> Willd	Acanthaceae	Herb
539	<i>Lepidagathisfasciculata</i> (Retz.)Nees	Acanthaceae	Herb
540	<i>Lepidagathis incurva</i> Buch.-Ham.exD.Don	Acanthaceae	Herb
541	<i>Lepidagathistrinervis</i> Nees.	Acanthaceae	Herb
542	<i>Lepisanthes tetraphylla</i> (Vahl)Radlk	Sapindaceae	NaturalTree
543	<i>Leptadeniareticulata</i> (Retz.)Wight&Arn.	Apocynaceae	Climber
544	<i>Leucaenaleucocephala</i> (Lam.)deWit	Fabaceae	AvenueTree
545	<i>Leucasaspera</i> (Willd.)Link	Lamiaceae	Herb
546	<i>Leucasbiflora</i> (Vahl)Sm.	Lamiaceae	Herb
547	<i>Leucascephalotes</i> (Roth)Spreng	Lamiaceae	Herb
548	<i>Leucasmartinicensis</i> (Jacq.)R.Br	Lamiaceae	Herb
549	<i>Leucaszeylanica</i> (L.)W.T.Aiton.	Lamiaceae	Herb
550	<i>Limnophilaaromatica</i> (Lam.)Merr.	Plantaginaceae	Herb
551	<i>Limnophilaheterophylla</i> (Roxb.)Benth.	Plantaginaceae	Herb
552	<i>Limnophilaindica</i> (L.)Druce	Plantaginaceae	Herb
553	<i>Limnophilarugosa</i> (Roth)Merr.	Plantaginaceae	Herb

554	<i>Limnophytonobtusifolium</i> (L.)Miq	Alismataceae	Herb
555	<i>Limoniaacidissima</i> Groff	Rutaceae	NaturalTree
556	<i>Lindenbergiaindica</i> (L.)Vatke	Orobanchaceae	Herb
557	<i>Litseamonopetala</i> (Roxb.)Pers	Lauraceae	NaturalTree
558	<i>Lobeliaalsinoides</i> Lam.	Campanulaceae	Herb
559	<i>Lophopogontridentatus</i> (Roxb.)Hack.	Poaceae	Grass
560	<i>Ludwigiaoctovalvis</i> (Jacq.)P.H.Raven	Onagraceae	Herb
561	<i>Ludwigia</i> perennisL.	Onagraceae	Herb
562	<i>Ludwigiahyssopifolia</i> (G. Don)Exell	Onagraceae	Herb
563	<i>Luffaacutangula</i> (L.)Roxb.	Cucurbitaceae	Climber
564	<i>Lysimachiaovalis</i> (Ruiz&Pav.)U.Manns&Anderb	Primulaceae	Herb
565	<i>Macaranga</i> cupidataBoivinexBaill.	Euphorbiaceae	NaturalTree
566	<i>Madhuca</i> longifoliavar. <i>latifolia</i> (Roxb.)A.Chev	Sapotaceae	NaturalTree
567	<i>Maerua</i> oblongifolia(Forssk.)A.Rich.	Capparaceae	Climber
568	<i>Magnolia</i> champaca(L.)Baill.exPierre	Magnoliaceae	NaturalTree
569	<i>Malachracapitata</i> (L.)L	Malvaceae	Herb
570	<i>Mallotus</i> nudiflorus(L.)Kulju&Welzen	Euphorbiaceae	NaturalTree
571	<i>Mallotus</i> philippensis(Lam.)Müll.Arg.	Euphorbiaceae	NaturalTree
572	<i>Malvastrum</i> coromandelianum(L.)Garcke	Malvaceae	Herb
573	<i>Mangifera</i> indical.	Anacardiaceae	AvenueTree
574	<i>Manilkara</i> hexandra(Roxb.)Dubard	Sapotaceae	NaturalTree
575	<i>Martynia</i> annualL.	Martyniaceae	Herb
576	<i>Mazuspumilus</i> (Burm.f.)Steenis	Mazaceae	Herb
577	<i>Mecardonia</i> procumbens(Mill.)Smal	Scrophulariaceae	Herb
578	<i>Medicago</i> polymorphaL	Fabaceae	Herb
579	<i>Melanocentris</i> jacquemontiiJaub.&Spach	Poaceae	Grass
580	<i>Melia</i> azedarachL.	Meliaceae	AvenueTree
581	<i>Melilotus</i> albusMedik	Fabaceae	Herb
582	<i>Melochia</i> corchorifoliaL	Malvaceae	Herb
583	<i>Memecylon</i> umbellatumBurm.f.	Melastomataceae	NaturalTree
584	<i>Merremia</i> marginata(Burm.f.)Hallierf.	Convolvulaceae	Climber
585	<i>Merremia</i> hederacea(Burm.f.)Hallierf.	Convolvulaceae	Climber
586	<i>Mesosphaerum</i> suaveolens(L.)Kuntze.	Lamiaceae	Herb
587	<i>Microcarpae</i> aminima(Retz.)Merr.	Phrymaceae	Herb
588	<i>Microchloa</i> indica(L.f.)P.Beauv.	Poaceae	Grass
589	<i>Microstegium</i> vimineum(Trin.)A.Camus	Poaceae	Grass
590	<i>Miliasatomentosa</i> (Roxb.)J.Sinclair	Annonaceae	NaturalTree
591	<i>Miliasavelutina</i> (A.DC.)Hook.f.&Thomson	Annonaceae	NaturalTree
592	<i>Mimosahamata</i> Willd	Fabaceae	Shrub
593	<i>Mimosapudica</i> L	Fabaceae	Herb
594	<i>Mimusops</i> selengiL.	Sapotaceae	AvenueTree
595	<i>Mitragyna</i> parvifolia(Roxb.)Korth	Rubiaceae	NaturalTree
596	<i>Mitrasacme</i> proliferaR.Br.	Loganiaceae	Herb

597	<i>Mitreolapetiolata</i> (J.F.Gmel.)Torr.&A.Gray	Loganiaceae	Herb
598	<i>Momordicadioica</i> Roxb.exWilld.	Cucurbitaceae	Climber
599	<i>Moorochloaeruciformis</i> (Sm.)Veldkamp	Poaceae	Grass
600	<i>Morindacitrifolia</i> L.	Rubiaceae	NaturalTree
601	<i>Morindapubescens</i> Sm.	Rubiaceae	NaturalTree
602	<i>Moringaoleifera</i> Lam	Moringaceae	AvenueTree
603	<i>Mucunapruriens</i> (L.)DC.	Fabaceae	Climber
604	<i>Munduleasericea</i> (Willd.)A.Chev.	Fabaceae	NaturalTree
605	<i>Murdanniaedulis</i> (Stokes)Faden	Commelinaceae	Herb
606	<i>Murdannianudiflora</i> (L.)Brenan	Commelinaceae	Herb
607	<i>Murdanniaspirata</i> (L.)G.Brückn	Commelinaceae	Herb
608	<i>Murrayapaniculata</i> (L.)Jack	Rutaceae	NaturalTree
609	<i>Naringicrenulata</i> (Roxb.)Nicolson	Rutaceae	NaturalTree
610	<i>Nelumbonucifera</i> Gaertn	Nelumbonaceae	Herb
611	<i>Neolamarckiacadamba</i> (Roxb.)Bossler	Rubiaceae	AvenueTree
612	<i>Nepetahindostana</i> (B.HeyneexRoth)Haines	Lamiaceae	Herb
613	<i>Nerviliafundibulifolia</i> Blatt.&McCann.	Orchidaceae	Herb
614	<i>Nerviliaplicata</i> (Andrews)Schltr.	Orchidaceae	Herb
615	<i>Nicandraphysalodes</i> (L.)Gaertn.	Solanaceae	Herb
616	<i>Nicotetabetonica</i> (L.)Lindau	Acanthaceae	Herb
617	<i>Nyctanthesarbor-tristis</i> L.	Oleaceae	NaturalTree
618	<i>Nymphaeanouchali</i> Burm.f.	Nymphaeaceae	Herb
619	<i>Nymphaearubra</i> Roxb.ex-Andrews	Nymphaeaceae	Herb
620	<i>Nymphoideshydrophylla</i> (Lour.)Kuntze	Menyanthaceae	Herb
621	<i>Oberoniafalconeri</i> Hook.f.	Orchidaceae	EpiphyticHerb
622	<i>Ochnaobtusata</i> DC.	Ochnaceae	NaturalTree
623	<i>Ocimumamericanum</i> L.	Lamiaceae	Herb
624	<i>Olaxscandens</i> Roxb.	Olacaceae	Climber
625	<i>Oligochaetadivariata</i> (DC.)K.Koch	Asteraceae	Herb
626	<i>Operculinaturpethum</i> (L.)SilvaManso.	Convolvulaceae	Climber
627	<i>Oplismenuscompositus</i> (L.)P.Beauv.	Poaceae	Grass
628	<i>Oplismenusburmannii</i> (Retz.)P.Beauv.	Poaceae	Grass
629	<i>Opuntiaelatio</i> Mill.	Cactaceae	Shrub
630	<i>Oropetiumroxburghianum</i> (Schult.)S.M.Phillips	Poaceae	Grass
631	<i>Oropetiumthomaeum</i> (L.f.)Trin	Poaceae	Grass
632	<i>Oroxylumindicum</i> (L.)Kurz	Bignoniaceae	NaturalTree
633	<i>Orthosiphonrubicundus</i> (D.Don)Benth	Lamiaceae	Herb
634	<i>Oryzarufipogon</i> Griff.	Poaceae	Grass
635	<i>Osbeckiamuralis</i> Naudin	Melastomatacea	Herb
636	<i>Otteliaalismoides</i> (L.)Pers	Hydrocharitaceae	Herb
637	<i>Ougeiniaoojeinensis</i> (Roxb.)Hochr.	Fabaceae	NaturalTree
638	<i>Ouretsanguinolenta</i> (L.)Kuntze	Amaranthaceae	Herb
639	<i>Oxaliscorniculata</i> L.	Oxalidiaceae	Herb
640	<i>Oxystelmaesculentum</i> (L.f.)Sm.	Apocynaceae	Climber

641	<i>Pancratiumtriflorum</i> Roxb	Amaryllidaceae	Herb
642	<i>Paramollugonudicaulis</i> (Lam.)Thulin	<i>Molluginaceae</i>	Herb
643	<i>Parasopubiadelphiniifolia</i> (L.)H.- <i>P. Hofm.&Eb. Fisch</i>	Orobanchaceae	Herb
644	<i>Parkinsoniaaculeata</i> L.	Fabaceae	Shrub
645	<i>Partheniumhysterophorus</i> L.	Asteraceae	Herb
646	<i>Paspalumscrobiculatum</i> L.	Poaceae	Grass
647	<i>Passiflorafoetida</i> L.	Passifloraceae	Climber
648	<i>Pavettacanescens</i> DC. (<i>Pavettatomentosa</i>)	Rubiaceae	NaturalTree
649	<i>Pavettacrassicaulis</i> Bremek.	Rubiaceae	Shrub
650	<i>Pavoniazeylanica</i> (L.)Cav	Malvaceae	Herb
651	<i>Peltophorumpterocarpum</i> (DC.)K. Heyne	Fabaceae	AvenueTree
652	<i>Peperomiapellucida</i> (L.)Kunth	Piperaceae	Herb
653	<i>Pergulariadaemia</i> (Forssk.)Chiov.	Apocynaceae(=Asclepiadaceae)	Climber
654	<i>Peristyluslawii</i> Wight	Orchidaceae	Herb
655	<i>Perotisindica</i> (L.)Kuntze	Poaceae	Grass
656	<i>Persicariaglabra</i> (Willd.)M. Gómez	Polygonaceae	Herb
657	<i>Petalidiumbarlerioides</i> (B. HeyneexRoth)Nees	Acanthaceae	Herb
658	<i>Phaneraroxburghiana</i> (Voigt)Bandyop., Anand	Fabaceae	NaturalTree
659	<i>Phaneravahlia</i> (Wight&Arn.)Benth.	Fabaceae	Climber
660	<i>Phaulopsisimbricata</i> (Forssk.)Sweet	Acanthaceae	Herb
661	<i>Phoenixacualis</i> Roxb.	Arecaceae	Shrub
662	<i>Phoenixsylvestris</i> (L.)Roxb.	Arecaceae	NaturalTree
663	<i>Phragmiteskarka</i> (Retz.)Trin. exSteud.	Poaceae	Grass
664	<i>Phylanodiflora</i> (L.)Greene.	Verbenaceae	Climber
665	<i>Phyllanthusamarus</i> Schumach. & Thonn.	Phyllanthaceae	Herb
666	<i>Phyllanthusemblica</i> L.	Phyllanthaceae	NaturalTree
667	<i>Phyllanthusmaderaspatensis</i> L.	Phyllanthaceae	Herb
668	<i>Phyllanthusreticulatus</i> Poir	<i>Phyllanthaceae</i>	Shrub
669	<i>Phyllodiumpulchellum</i> (L.)Desv.	Fabaceae	Herb
670	<i>Physalisangulata</i> L.	Solanaceae	Herb
671	<i>Pigeaenneasperma</i> (L.)P. I. Forst.	Violaceae	Herb
672	<i>Piliostigmamalabaricum</i> (Roxb.)Benth.	Fabaceae	AvenueTree
673	<i>Pimpinellaheyneana</i> (DC.)Benth. & Hook. f.	Apiaceae	Herb
674	<i>Pistiastratiotes</i> L.	Araceae	Herb
675	<i>Platostomahispidium</i> (L.)A. J. Paton	Lamiaceae	Herb
676	<i>Pleurolobusgangeticus</i> (L.)	Fabaceae	Herb
677	<i>Plumbagozeylanica</i> L.	Plumbaginaceae	Herb
678	<i>Plumeriarubra</i> L.	Apocynaceae	AvenueTree
679	<i>Pogonatherumcrinitum</i> (Thunb.)Kunth	Poaceae	Grass
680	<i>Pogostemonbenghalensis</i> (Burm. f.)Kuntze	Lamiaceae	Shrub
681	<i>Pogostemonquadrifolius</i> (Benth.)F. Muell	Lamiaceae	Herb
682	<i>Polhillidesvelutina</i> (Willd.)H. Ohashi & K. Ohashi.	Fabaceae	Herb

683	<i>Polyalthiasuberosa</i> (Roxb.)Thwaites	Annonaceae	NaturalTree
684	<i>Polyalthialongifolia</i> (Sonn.)Thwaites	Annonaceae	AvenueTree
685	<i>Polycarpaeacorymbosa</i> (L.)Lam.	Caryophyllaceae	Herb
686	<i>Polycarponprostratum</i> (Forssk.)Asch.&Schweinf	Caryophyllaceae	Herb
687	<i>Polygalaarvensis</i> Willd.	Polygalaceae	Herb
688	<i>Polygalaerioptera</i> DC	Polygalaceae	Herb
689	<i>Polygalapersicariifolia</i> DC.	Polygalaceae	Herb
690	<i>Polygonumplebeium</i> R.Br.	Polygonaceae	Herb
691	<i>Polytocagigantea</i> (J.Koenig)Mabb.	Poaceae	Grass
692	<i>Polytriasindica</i> (Houtt.)Veldkamp	Poaceae	Grass
693	<i>Pongamiapinnata</i> (L.)Pierre	Fabaceae	AvenueTree
694	<i>Pontederiacrassipes</i> Mart.	Pontederiaceae	Herb
695	<i>Pontederiavaginalis</i> Burm.f.	Pontederiaceae	Herb
696	<i>Portulacaquadrifida</i> L.	Portulacaceae	Herb
697	<i>Potamogetoncrispus</i> L.	Potamogetonaceae	Herb
698	<i>Prosopiscineraria</i> (L.)Druce	Fabaceae	NaturalTree
699	<i>Prosopisjuliflora</i> (Sw.)DC.	Fabaceae	AvenueTree
700	<i>Pseudanthistiriaheteroclita</i> (Roxb.)Hook.f.	Poaceae	Grass
701	<i>Pseudarthriaviscida</i> (L.)Wight&Arn.	Fabaceae	Climber
702	<i>Pseudopogonatherumtrispicatum</i> (Schult.)Ohwi	Poaceae	Grass
703	<i>Pseudoraphisspinescens</i> (R.Br.)Vickery	Poaceae	Grass
704	<i>Pseudosorghumfasciculare</i> (Roxb.)A.Camus	Poaceae	Grass
705	<i>Psidiumguajava</i> L.	Myrtaceae	AvenueTree
706	<i>Psydraxdicoccos</i> Gaertn.	Rubiaceae	NaturalTree
707	<i>Pterocarpusmarsupium</i> Roxb.	Fabaceae	NaturalTree
708	<i>Puerariatuberosa</i> (Roxb.exWilld.)DC.	Fabaceae	Climber
709	<i>Pulicariafoliolosa</i> DC	Asteraceae	Herb
710	<i>Pupalialappacea</i> (L.)Juss.	Amaranthaceae	Herb
711	<i>Putranjivaroxburghii</i> Wall.	Putranjivaceae	NaturalTree
712	<i>Radermacheraxylocarpa</i> (Roxb.)Roxb.exK.Schum	Bignoniaceae	NaturalTree
713	<i>Rauvolfiaserpentina</i> (L.)Benth.exKurz	Apocynaceae	Herb
714	<i>Rhynchosibracteata</i> Benth.exBaker	Fabaceae	Climber
715	<i>Rhynchosiaminima</i> (L.)DC.	Fabaceae	Climber
716	<i>Rhynchosporaberteri</i> (Spreng.)C.B.Clarke	Cyperaceae	Sedge
717	<i>Rhynchosporarubra</i> (Lour.)Makino	Cyperaceae	Sedge
718	<i>Riveahypocrateriformis</i> (Desr.)Choisy.	Convolvulaceae	Climber
719	<i>Rottboelliacochinchinensis</i> (Lour.)Clayton	Poaceae	Grass
720	<i>Rotulaaquatica</i> Lour.	Boraginaceae	Shrub
721	<i>Rubiaccordifolia</i> L.	Rubiaceae	Climber
722	<i>Ruelliapatula</i> Jacq.	Acanthaceae	Herb
723	<i>Ruelliprostrata</i> Poir.	Acanthaceae	Herb
724	<i>Saccharumspontaneum</i> L.	Poaceae	Shrub
725	<i>Sacciolepisindica</i> (L.)Chase	Poaceae	Grass

726	<i>Sacciolepis interrupta</i> (Willd.)Stapf	Poaceae	Grass
727	<i>Santalum album</i> L.	Santalaceae	Natural Tree
728	<i>Sapindus marginatus</i> Vahl	Sapindaceae	Avenue Tree
729	<i>Saraca asoca</i> (Roxb.)Willd	Fabaceae	Avenue Tree
730	<i>Schizachyrium brevifolium</i> (Sw.)Nees ex Buse	Poaceae	Grass
731	<i>Schleichera oleosa</i> (Lour.)Merr.	Sapindaceae	Natural Tree
732	<i>Schoenefeldia gracilis</i> Kunth	Poaceae	Grass
733	<i>Schoenoplectiella articulata</i> (L.)Lye	Cyperaceae	Sedge
734	<i>Schoenoplectiella juncooides</i> (Roxb.)Lye	Cyperaceae	Sedge
735	<i>Schrebera swietenoides</i> Roxb.	Oleaceae	Natural Tree
736	<i>Scleria biflora</i> Roxb.	Cyperaceae	Sedge
737	<i>Scleria lithosperma</i> (L.)Sw.	Cyperaceae	Sedge
738	<i>Scoparia dulcis</i> L.	Plantaginaceae	Herb
739	<i>Searsia mysorensis</i> (G.Don)Moffett	Anacardiaceae	Shrub
740	<i>Sehima nervosa</i> (Rottler)Stapf	Poaceae	Grass
741	<i>Semecarpus anacardium</i> L.f	Anacardiaceae	Natural Tree
742	<i>Senegalia catechu</i> (L.f.)P.J.H.Hurter & Mabb	Fabaceae	Natural Tree
743	<i>Senegalia chundra</i> (Roxb. ex Rottler)Maslin	Fabaceae	Natural Tree
744	<i>Senegalia pennata</i> (L.)Maslin.	Fabaceae	Climber
745	<i>Senegalia torta</i> (Roxb.)Maslin	Fabaceae	Climber
746	<i>Senna alata</i> (L.)Roxb.	Fabaceae	Shrub
747	<i>Sennatoria</i> (L.)Roxb.	Fabaceae	Herb
748	<i>Senna uniflora</i> (Mill.)H.S.Irwin & Barneby	Fabaceae	Herb
749	<i>Senna occidentalis</i> (L.)Link	Fabaceae	Herb
750	<i>Sennasiamea</i> (Lam.)H.S.Irwin & Barneby	Fabaceae	Avenue Tree
751	<i>Setaria flavida</i> (Retz.)Veldkamp	Poaceae	Grass
752	<i>Setaria intermedia</i> Roem. & Schult.	Poaceae	Grass
753	<i>Setaria italica</i> (L.)P.Beauv.	Poaceae	Grass
754	<i>Setaria parviflora</i> (Poir.)Kerguelen	Poaceae	Grass
755	<i>Setaria punctata</i> (Burm.f.)Veldkamp	Poaceae	Grass
756	<i>Setaria verticillata</i> (L.)P.Beauv.	Poaceae	Grass
757	<i>Setaria pumila</i> (Poir.)Roem. & Schult.	Poaceae	Grass
758	<i>Sida acuta</i> Burm.f.	Malvaceae	Herb
759	<i>Sida cordata</i> (Burm.f.)Borss. Waalk.	Malvaceae	Herb
760	<i>Smilax perfoliata</i> Lour.	Smilacaceae	Climber
761	<i>Smilax zeylanica</i> L.	Smilacaceae (=Liliaceae)	Climber
762	<i>Sohmaea laxiflora</i> (DC.)H.Ohashi & K.Ohashi.	Fabaceae	Herb
763	<i>Solanum virginianum</i> L.	Solanaceae	Herb
764	<i>Solena amplexicaulis</i> (Lam.)Gandhi	Cucurbitaceae	Climber
765	<i>Sorghum nitidum</i> (Vahl)Pers.	Poaceae	Grass
766	<i>Soymida febrifuga</i> (Roxb.)A.Juss.	Meliaceae	Natural Tree
767	<i>Spathodea campanulata</i> P.Beauv.	Bignoniaceae	Avenue Tree
768	<i>Spermaceoce articularis</i> L.f.	Rubiaceae	Herb
769	<i>Spermaceoce cymoides</i> Burm.f	Rubiaceae	Herb

770	<i>Spermacocephalus</i> Wall.	Rubiaceae	Herb
771	<i>Sphaeranthus indicus</i> L.	Asteraceae	Herb
772	<i>Spodiopogon rhizophorus</i> (Steud.) Pilg.	Poaceae	Grass
773	<i>Spondias pinnata</i> (L.f.) Kurz	Anacardiaceae	Natural Tree
774	<i>Sporobolus diandrus</i> (Retz.) P. Beauv.	Poaceae	Grass
775	<i>Sporobolus spectinellus</i> Mez	Poaceae	Grass
776	<i>Stapfochloa elata</i> (Desv.) P. M. Peterson	Poaceae	Grass
777	<i>Stephanotis volubilis</i> (L.f.) S. Reuss, Liede & Meve	Apocynaceae	Climber
778	<i>Sterculia villosa</i> Roxb. ex Sm.	Sterculiaceae	Natural Tree
779	<i>Sterculia foetida</i> L.	Malvaceae (=Sterculiaceae)	Avenue Tree
780	<i>Stereospermum colais</i> (Buch.-Ham. ex Dillwyn) Mabb.	Bignoniaceae	Natural Tree
781	<i>Streblus asper</i> Lour	Moraceae	Natural Tree
782	<i>Strigadensiflora</i> (Benth.) Benth.	Orobanchaceae	Herb
783	<i>Striga angustifolia</i> (D. Don) C. J. Saldanha	Orbanchaceae	Herb
784	<i>Strobilanthes pava</i> (Roxb.) J. R. I. Wood	Acanthaceae	Herb
785	<i>Strychnos vomica</i> L.	Loganiaceae	Natural Tree
786	<i>Strychnos potatorum</i> L.f.	Loganiaceae	Natural Tree
787	<i>Stylosanthes fruticosa</i> (Retz.) Alston	Fabaceae	Herb
788	<i>Symphorema involucratum</i> Roxb.	Lamiaceae	Climber
789	<i>Syzygium salicifolium</i> J. Graham	Myrtaceae	Natural Tree
790	<i>Syzygium cumini</i> (L.) Skeels	Myrtaceae	Avenue Tree
791	<i>Tabebuia rosea</i> (Bertol.) Bertero ex A. DC.	Bignoniaceae	Avenue Tree
792	<i>Tabebuia aurea</i> (Silva Manso) Benth. & Hook. f. ex S. Moore	Bignoniaceae	Avenue Tree
793	<i>Tamarindus indica</i> L.	Fabaceae	Natural Tree
794	<i>Tamilnadia uliginosa</i> (Retz.) Tirveng. & Sastre	Rubiaceae	Natural Tree
795	<i>Tarenna asiatica</i> (L.) Kuntze ex K. Schum	Rubiaceae	Natural Tree
796	<i>Tectona grandis</i> L.f.	Lamiaceae	Natural Tree
797	<i>Telosma pallida</i> (Roxb.) Craib	Apocynaceae	Climber
798	<i>Tephrosia villosa</i> (L.) Pers.	Fabaceae	Herb
799	<i>Tephrosia purpurea</i> (L.) Pers	Fabaceae	Herb
800	<i>Teramnus mollis</i> (L.f.) Spreng.	Fabaceae	Climber
801	<i>Terminalia anogeissiana</i> Gere & Boatwr.	Combretaceae	Natural Tree
802	<i>Terminalia phillyreifolia</i> (Van Heurck & Müll. Arg.)	Combretaceae	Natural Tree
803	<i>Terminalia arjuna</i> (Roxb. ex DC.) Wight & Arn.	Combretaceae	Natural Tree
804	<i>Terminalia bellirica</i> Wall.	Combretaceae	Natural Tree
805	<i>Terminalia catappa</i> L.	Combretaceae	Avenue Tree
806	<i>Terminalia chebula</i> Retz.	Combretaceae	Natural Tree
807	<i>Terminalia elliptica</i> Willd.	Combretaceae	Natural Tree
808	<i>Tetrapilus dioicus</i> (Roxb.) L. A. S. Johnson (<i>Oleadioca</i>)	Oleaceae	Natural Tree
809	<i>Thelepogonelegans</i> Roth	Poaceae	Grass
810	<i>Themeda laxa</i> (Andersson) A. Camus	Poaceae	Grass
811	<i>Themeda quadrivalvis</i> (L.) Kuntze	Poaceae	Grass

812	<i>Themadatriandra</i> Forssk.	Poaceae	Grass
813	<i>Thespesiapopulnea</i> (L.)Sol.exCorrêa	Malvaceae	AvenueTree
814	<i>Thunbergiafragrans</i> Roxb.	Acanthaceae	Climber
815	<i>Thunbergiagrandiflora</i> Roxb.	Acanthaceae	Climber
816	<i>Tiliacoraacuminata</i> (Lam.)Miers	Manispermaceae	Climber
817	<i>Tinosporacordifolia</i> (Willd.)Hook.f.&Thomson.	Menispermaceae	Climber
818	<i>Toreniaanagallis</i> (Burm.f.)Wannan,W.R.Barker&Y.S.Liang.	Linderniaceae	Herb
819	<i>Toreniacrustacea</i> (L.)Cham.&Schltdl.	Linderniaceae	Herb
820	<i>Tragiainvoluta</i> L.	Euphorbiaceae	Climber
821	<i>Tragusmongolorum</i> Ohwi	Poaceae	Grass
822	<i>Tremaorientale</i> (L.)Blume	Cannabaceae	NaturalTree
823	<i>Tribulusterrestris</i> L.	Zygophyllaceae	Herb
824	<i>Trichosanthescucumerina</i> L.	Cucurbitaceae	Climber
825	<i>Trichosanthesricuspidata</i> Lour.	Cucurbitaceae	Climber
826	<i>Trichuriellamonsoniae</i> (L.f.)Bennet	Amaranthaceae	Herb
827	<i>Tridaxprocumbens</i> (L.)L.	Asteraceae	Herb
828	<i>Trigastrothecapentaphylla</i> (L.)Thulin	Molluginaceae	Herb
829	<i>Tripogonbromoides</i> Roem.&Schult.	Poaceae	Grass
830	<i>Tripogoncapillatus</i> Jaub.&Spach	Poaceae	Grass
831	<i>Tripogonjacquemontii</i> Stapf	Poaceae	Grass
832	<i>Tripogonpurpurascens</i> Duthie	Poaceae	Grass
833	<i>Typhaangustifolia</i> L.	Typhaceae	Shrub
834	<i>Urenalobata</i> L.	Malvaceae	Herb
835	<i>Urochloapanicoides</i> P.Beauv.	Poaceae	Grass
836	<i>Urochloaramosa</i> (L.)T.Q.Nguyen	Poaceae	Grass
837	<i>Urochloasetigera</i> (Retz.)Stapf	Poaceae	Grass
838	<i>Vachellialeucophloea</i> (Roxb.)Maslin,Seigler&Ebin ger	Fabaceae	NaturalTree
839	<i>Vachellianilotica</i> (L.)P.J.H.Hurter&Mabb	Fabaceae	NaturalTree
840	<i>Vandatessellata</i> (Roxb.)Hook.exG.Don	Orchidaceae	EpiphyticHerb
841	<i>Ventilagodenticulata</i> Willd.	Rhamnaceae	Climber
842	<i>Ventilagomadraspataana</i> Gaertn.	Rhamnaceae	Climber
843	<i>Vicoaindica</i> (L.)DC.	Asteraceae	Herb
844	<i>Vignaaconitifolia</i> (Jacq.)Maréchal.	Fabaceae	Climber
845	<i>Vignaumbellata</i> (Thunb.)Ohwi&H.Ohashi	Fabaceae	Climber
846	<i>Vincetoxicumfasciculatum</i> (Buch.-Ham.exWight)Kuntze	Apocynaceae	Climber
847	<i>Vincetoxicumindicum</i> (Burm.f.)Mabb.	Apocynaceae	Climber
848	<i>Vitexaltissima</i> L.f.	Lamiaceae	NaturalTree
849	<i>Vitexnegundo</i> L.	Lamiaceae	NaturalTree
850	<i>Volkameriainermis</i> L.	Lamiaceae	Shrub
851	<i>Woodfordiafructicosa</i> (L.)Kurz	Lythraceae	Shrub
852	<i>Wrightiaarborea</i> (Dennst.)Mabb.	Apocynaceae	NaturalTree
853	<i>Wrightiatinctoriasubsp.rothii</i> (G.Don)Ngan	Apocynaceae	NaturalTree
854	<i>Xenostegiatriidentata</i> (L.)D.F.Austin&Staples	Convolvulaceae	Climber

855	<i>Ximenia americana</i> L.	Salicaceae	Shrub
856	<i>Xylocarpa</i> (Roxb.) W. Theob.	Fabaceae	Natural Tree
857	<i>Yamazakiia viscosa</i> (Hornem.) W. R. Barker, Y. S. Liang & Wannan.	Linderniaceae	Herb
858	<i>Ziziphus nummularia</i> (Burm. f.) Wight & Arn.	Rhamnaceae	Shrub
859	<i>Ziziphus oenopolia</i> (L.) Mill.	Rhamnaceae	Climber
860	<i>Ziziphus jujuba</i> Mill.	Rhamnaceae	Natural Tree
861	<i>Ziziphus rugosa</i> Lam.	Rhamnaceae	Natural Tree
862	<i>Ziziphus xylopyrus</i> (Retz.) Willd.	Rhamnaceae	Natural Tree
863	<i>Zornia diphylla</i> (L.) Pers.	Fabaceae	Herb

The inventory assembled here revealed that Pench Tiger Reserve harbors 863 species belonging to 554 genera and 117 families, along with 8 varieties and 2 sub-species. The major taxa assembled include Herbs with 294 species (34.06%), followed by Trees with 201 species (23.29%) of which Natural Trees account for 157 species (18.19%) and Avenue Trees for 44 species (5.09%). Other taxa include Climbers with 131 species (15.17%), Grasses with 113 species (13.09%), Sedges with 63 species (7.3%), Epiphytic Herbs with 7 species (0.8%), and Bamboo with 2 species (0.2%). Similar results were reported by Pratap Chandra Panda in his study on plant diversity in tropical deciduous forests of the Eastern Ghats, India, which revealed a total of 882 species belonging to 532 genera and 129 families. This study recorded 263 tree species, 78 species of shrubs, 138 species of climbers/twinners, and 403 species of herbs. The results of the study compare well with other large-scale inventories conducted in tropical forests both in India and elsewhere. For instance, 63 species were recorded for a 50 ha plot at Mudumalai Forest Reserve, India, while 996 species were found in a 52 ha area at Lambir, Malaysia [7]. A floristic inventory in Sri Lankamalleswara Wildlife Sanctuary, Andhra Pradesh resulted in 520 plant species with 133 tree species (17%), and 60 ha of Nayagarh forests in the Northern Eastern Ghats yielded 177 tree species [17]. In the southern Eastern Ghats of Tamil Nadu, 272 tree species were recorded (21%), and 71 tree species were identified in the dry deciduous forests of Mudumalai Wildlife Sanctuary [25]. Similarly, in Nallamalais, a large-scale floristic assessment in 88 ha resulted in 729 herb species and 249 tree species (3), while the Sheshachalam hill ranges featured 222 tree species [1]. These results indicate a higher level of tree species in tropical dry forests, as the assessments have covered different vegetation ranges from moist to dry forests along varied altitudes and disturbance levels. The dominant family in the reserve is Poaceae, with 118 species and 73 genera, followed by Fabaceae with 102 species and 59 genera, Cyperaceae with 61 species and 15 genera, Malvaceae with 38 species and 22 genera, Asteraceae with 33 species and 25 genera, Acanthaceae with 30 species and 16 genera, Convolvulaceae with 28 species and 13 genera, Apocynaceae with 26 species and 22 genera, Lamiaceae with 26 species and 20 genera, and Rubiaceae with 24 species and 19 genera. Among these families, five recorded varieties, with Rubiaceae and Cyperaceae each having 2 varieties, while Fabaceae, Apocynaceae, and Convolvulaceae each recorded 1 variety. Additionally, Apocynaceae and Convolvulaceae recorded 1 sub-species in each family. A similar study conducted by Mastan and Reddy, recorded 87 families, with Fabaceae emerging as the species-rich family, comprising 61 species (13%), which include 37 herbs, 14 vines, 6 trees, and 4 lianas. The Fabaceae family also includes the largest genus, *Crotalaria*, comprising 9 species, followed by *Indigofera* with 8 species, and both *Rhynchosia* and *Desmodium* endowed with 7 species each. Euphorbiaceae ranked as the second most dominant family with 42 species, followed by Acanthaceae with 37 species [17].

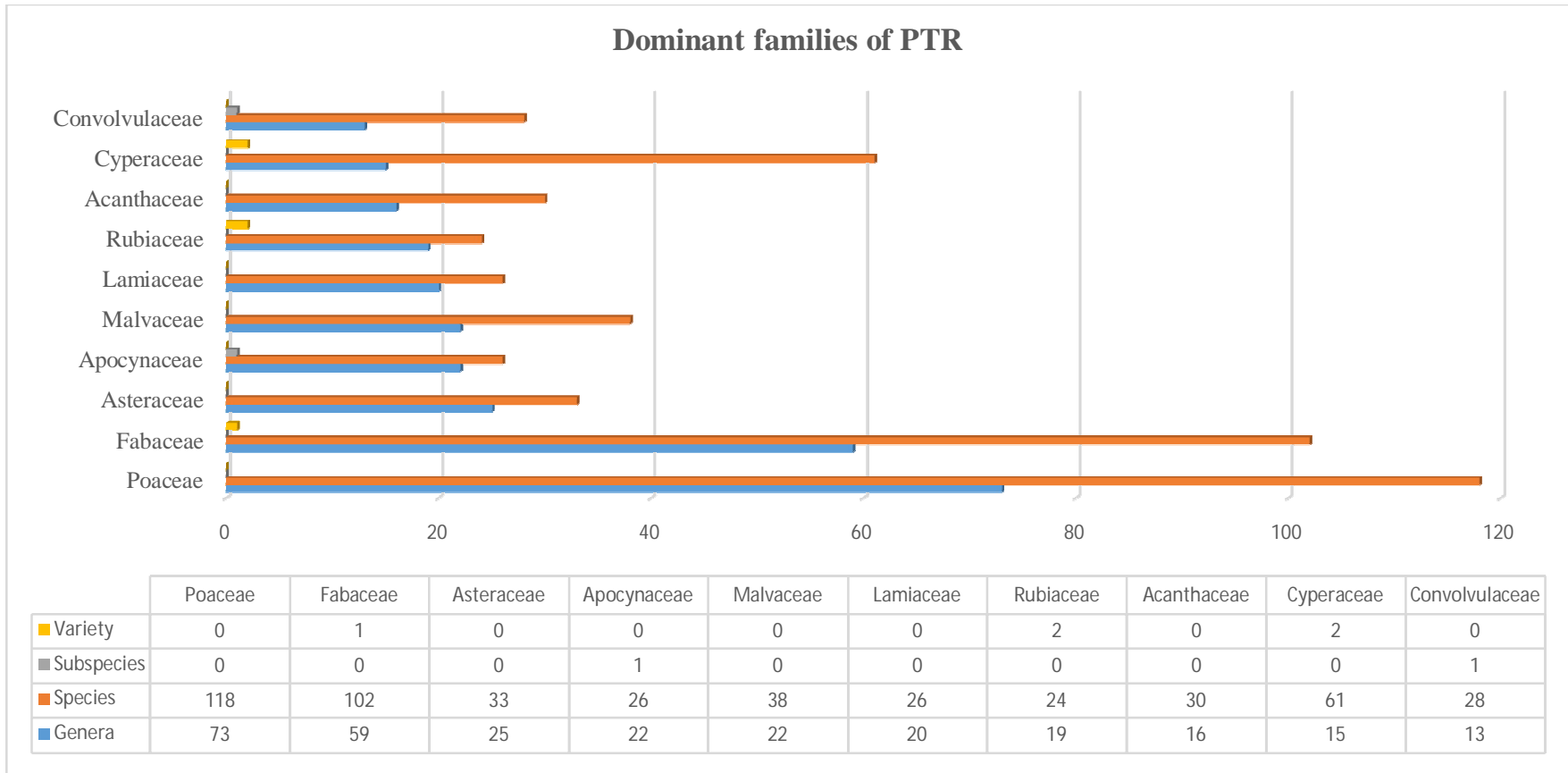


Fig1: Dominant families of Pench Tiger Reserve, Maharashtra, India

4. CONCLUSION

The study conducted in Pench Tiger Reserve, Maharashtra, underscores the critical importance of comprehensive biodiversity inventories in understanding and conserving tropical forest ecosystems. Despite global and regional efforts in conservation, challenges such as deforestation, habitat fragmentation, and climate change continue to threaten biodiversity. By meticulously cataloging the native flora, this research contributes valuable baseline data, essential for future ecological studies, environmental assessments, and effective conservation strategies. The detailed documentation of species diversity highlights the intricate relationships within these ecosystems and emphasizes the need for sustainable management practices. Ultimately, this work serves as a foundation for further ecological research and underscores the urgent need for integrated strategies to preserve these biodiverse habitats.

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