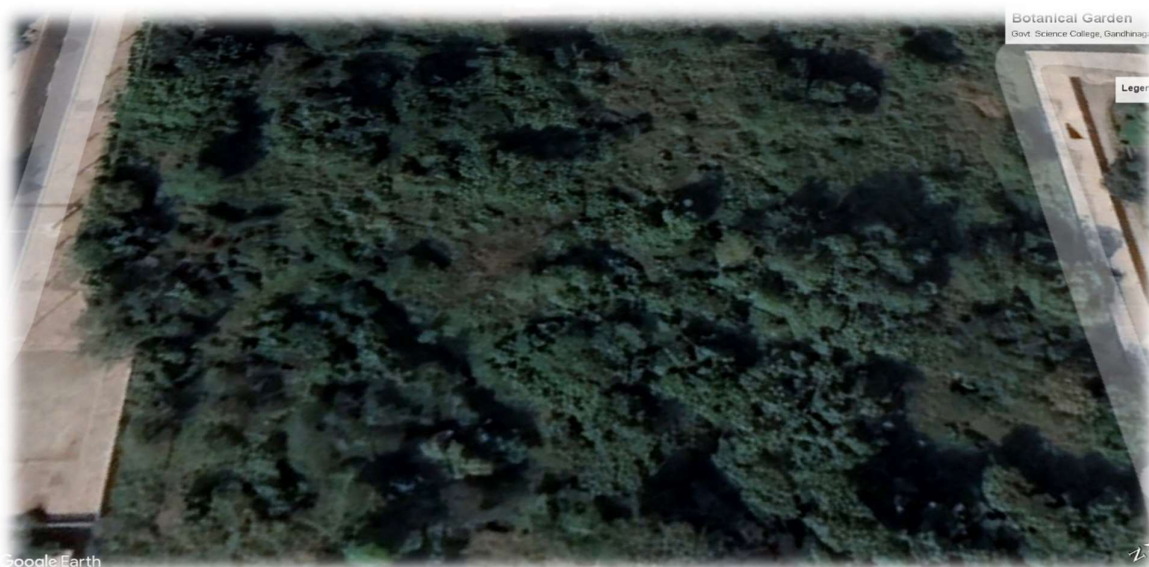


Jayakrishnaji Indraji Thakar

Botanical Garden



Government Science College, Sector-15, Gandhinagar



December-2024



The Convention on biological diversity (CBD) defined genetic materials as “genetic material of actual or potential value (CBD 1992, article 2), in which plant genetic resources (PGR) represents the plants or plant parts with their actual or potential value (FAO-PGR). Such PGR classified into eight major groups according to the respective conditions for use and conservation (Keller *et al.* 2002): Agriculture crops, pasture plants, vegetables, fruit crops, special crops (Medicinal, aromatic, spices, dye *etc.* plants), ornamental plants, forest plants and wild plants. Besides of this, it was estimated that around 60,000 plant species in the world are facing the severe threats of extinction. Such important PGR seeks immediate conservation measurement and, in this connection, CBD put greater emphasis on ex-situ and in-situ conservation. They also emphasis the development of garden like herbal garden for the conservation and awareness on the medicinally important flora while botanical gardens for the overall conservation of the PGR under the supervision of experts. Such botanical garden serves various purposes like provide platform for the display of regional floral diversity, scientific research, conservation and education. It was also reported that the botanical garden also provides the platform for the research on introduction of exotic flora.

Botanical Garden are considered as main centers of conservation of Plant genetic resources from their extinction and following are the major roles of botanical garden.



- Botanic Gardens are taken as main centers of conservation of plant genetic resources from their extinction.
- To serve as a living repository of plants of a country and also of selected exotic species.
- To serve as a "safe abode" for the rare and endemic plants.
- To house the germplasm collection of selected economic, ornamental and medicinal plants and their wild progenitors.
- To promote educational programmes and research in experimental botany and ornamental horticulture.
- To undertake research in propagation of rare and threatened species and species for afforestation, energy and alternative or substitute food and fodder plants. Species of different climatic condition are to be grown in specialized conservation houses such as greenhouses etc.
- To generate awareness about value of trees and about curious, beautiful and interesting plants with delightful landscaping and display.
- To organize flower, foliage and plant shows, exchange of viable seed materials, seedlings, saplings and other propagules
- To introduce economic and economically exploitable species to, accommodate and study the physiology of species for field trials and cultivation.



- To act as data bank for information and documentation on holdings in botanic gardens of the country or region.
- To establish a seed gene bank especially for wild species

Mission

- Providing living plant genetic resources for academic and research purpose including special emphasis on its ex-situ conservation.

Goals:

- Serve as repository of living plant specimens especially for the flora of Dry deciduous forest of Gujarat
- Promote ex-situ conservation of Rare and Threatened plant species
- Maintain the live collection of plant for Research, Educational and aesthetic purposes.
- Serve as seed bank for conservation significant plants and enable awareness among all the students/researcher and general peoples on importance of Plants

Focusing on the above-mentioned Mission and Goals, The Government Science College, Gandhinagar established Botanical Garden in 1970 which was earlier maintained by Horticulture department, Government of Gujarat. Since the inception garden serves as live repository of the plants used by students of Botany subject. The Events motivation general peoples



on the conservation and preservation of biological resources such as Environment Day, Wildlife week, Ozon day and special plantation drives are carried out every year. In such event not only Botany subject student and faculties but all the departments of the college are getting participated. Apart from this, Forest department, State Medicinal Plant Board, Various Banks, Rotary clubs etc. are also join such plantation drive. Such activities are carried out across the college campus including botanical garden (fig.1)

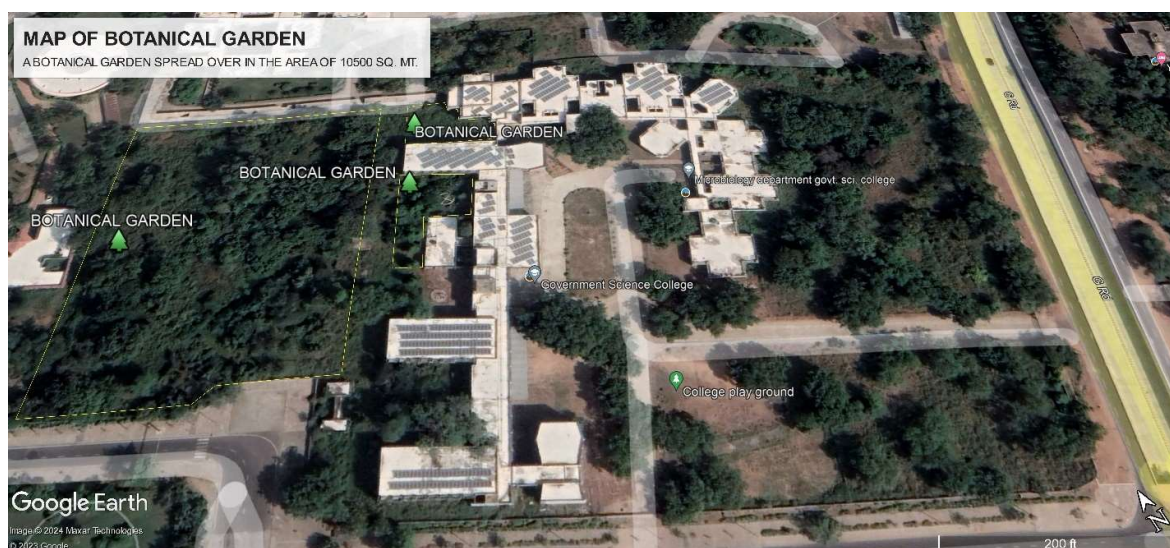


Figure 1: map showing the location of Botanical Garden in the College campus

The total area of botanical garden is 10500 sq. mt. The college campus is very rich in floral diversity *i.e.* a total of 374 angiosperms, 06 Gymnosperms and 06 species of cryptogams are preserved in the campus. Among the



total 404 Angiosperm species, 47 are climber/twiner, 30 cacti, 23 grass, 159 herb, 57 shrubs, 11 small tree and 77 tree.

Division	Habit	No. of Habit Species
Cryptogams	Bryophyta	01
	Pteridophyte	05
Gymnosperms	Shrub/Straggling shrub	06
Angiosperms	Climber	47
	Cactus	30+
	Grass	23
	Herb	159
	Shrub	57
	Small Tree	11
	Tree	82
Total No. of Species		421

Presently the garden is under renovation undertaking by Road and building department of state government. The proposed plan for the development is as follow:



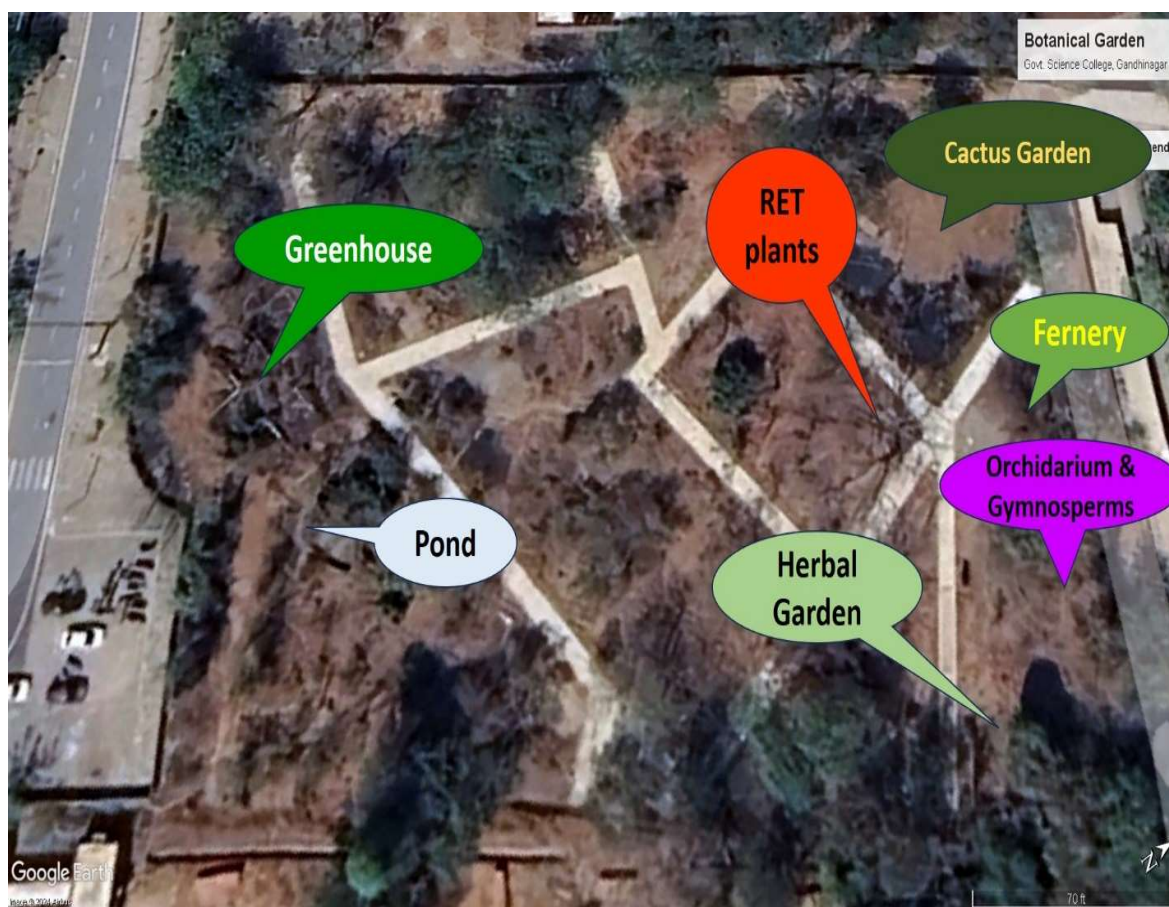


Figure 2: Proposed layout of the Botanical Garden re-development

Annexure: 1 A checklist of the floristic diversity in Government Science College, Gandhinagar.

Sr. NO.	Botanical Name	Local Name	Family
1	<i>Clemetis sp.</i>		Rannunculaceae
2	<i>Annona reticulata</i>	Ramfal	Annonaceae
3	<i>Annona squamosa</i> L	Sitafal	Annonaceae
4	<i>Polyalthia longifolia</i>	Asopalav	Annonaceae
5	<i>Cissampelos pareira</i> L.	Venivel	Menispermaeae
6	<i>Cocculus hirsutus</i>	Vevdi	Menispermaeae
7	<i>Stephnia japonica</i>		Menispermaeae
8	<i>Tinospora cordifolia</i>	Gulvel	Menispermaeae
9	<i>Nelumbo nucifera</i>		Nymphaeaceae
10	<i>Nymphaea pubescens</i>		Nymphaeaceae



Sr. NO.	Botanical Name	Local Name	Family
11	<i>Nymphaea sp</i>		Nymphaeaceae
12	<i>Nymphaea sp.</i>	Kamal	Nymphaeaceae
13	<i>Argemone maxicana</i>	Darudi	Papavraceae
14	<i>Cardamine trichocarpa</i>		Brassicaceae
15	<i>Capparis decidua</i>	Kerdo	Capparaceae
16	<i>Cleom viscosa</i>	Pili Tilvan	Capparaceae
17	<i>Cadaba fruticosa</i>		Capparaceae
18	<i>Capparis sepiara</i>		Capparaceae
19	<i>Maerua oblongifolia</i>		Capparaceae
20	<i>Polycarpea corymbosa</i>		Caryophyllaceae
21	<i>Polygala erioptera</i>		Polygalaceae
22	<i>Portulaca oleracea L.</i>	Motiluni	Portulacaceae
23	<i>Bergia odorata</i>		Elatinaceae
24	<i>Bixa orellana L.</i>	Sindur, Sinduri	Bixaceae
25	<i>Abutilon indicum L.</i>	Khapat	Malvaceae
26	<i>Abutilon fruticosum</i>	Dabliyar	Malvaceae
27	<i>Althea rosea</i>	Jasund	Malvaceae
28	<i>Hibiscus rosa-sinensis L.</i>	latkan jasud	Malvaceae
29	<i>Hibiscus schizopetalus</i>		Malvaceae
30	<i>Holiox sp.</i>	Bala	Malvaceae
31	<i>Sida cordata</i>		Malvaceae
32	<i>Sida cordifolia</i>		Malvaceae
33	<i>Sida ovata</i>		Malvaceae
34	<i>Sida acuta</i>	Kantalo bala	Malvaceae
35	<i>Sida alba L.</i>		Malvaceae
36	<i>Thespesia populnea (L.) Soland</i>	Paras Piplo	Malvaceae
37	<i>Adansonia digitata</i>		Bombacaceae
38	<i>Bombex ceiba L.</i>	Shimlo	Bombacaceae
39	<i>Sterculia urens Roxb.</i>	Kadayo	Sterculiaceae
40	<i>Sterculia foetida</i>		Sterculiaceae
41	<i>Guazuma tomentosa</i>		Sterculiaceae
42	<i>Waltheria indica</i>		Sterculiaceae
43	<i>Melochia cordifolia</i>		Sterculiaceae
44	<i>pentapetes phoenicea</i>		Sterculiaceae
45	<i>Pterospermum acerifolium</i>		Sterculiaceae
46	<i>Corchorus aestuans L.</i>	Chhunchh	Tiliaceae
47	<i>Triumfetta rhomboidea Jacq.</i>		Tiliaceae



Sr. NO.	Botanical Name	Local Name	Family
48	<i>Triumfetta rotundifolia</i> Lam.	Zipti	Tiliaceae
49	<i>Hiptage benghalensis</i> (L.) Kurz.	Madhvi Lata	Malphigiaceae
50	<i>Tribulus terrestris</i> L.	Bethu Gokhru	Zygophyllaceae
51	<i>Oxalis corniculata</i> L.	Navari, Changeri	Oxalidaceae
52	<i>Oxalis</i> sp.	Ornamental	Oxalidaceae
53	<i>Aegle marmelos</i> (L.) Corr.	Bili	Rutaceae
54	<i>Citrus limon</i> (L.) Burm.	Limbu	Rutaceae
55	<i>Citrus medica</i>	Bijoru	Rutaceae
56	<i>Limonia acidissima</i>	Kothi	Rutaceae
57	<i>Murraya koenigii</i> (L.)	Mitholimdo	Rutaceae
58	<i>Murraya paniculata</i> (L.) Jack.	Kamini	Rutaceae
59	<i>Ailanthus excelsa</i> Roxb.	Rukhdo	Simaroubaceae
60	<i>Balanites aegyptica</i> (L.) Del.	Ingorio	Balanitaceae
61	<i>Commiphora wightii</i> (Arn.) Bhandari	Gugal	Burseraceae
62	<i>Commiphora stocksiana</i>	Mitha guggal	Burseraceae
63	<i>Commiphora agallocha</i> Engl.		Burseraceae
64	<i>Azadirachta indica</i> A. Juss.	Limdo	Meliaceae
65	<i>Melia azadirach</i> L.	Bakanlimdo	Meliaceae
66	<i>Maytenus emarginata</i> (Willd.) D.	Vicklo	Celastraceae
67	<i>Zizyphus nummularia</i>	Chani bor lal	Rhamnaceae
68	<i>Zizyphus mauritiana</i>	Bordi	Rhamnaceae
69	<i>Cayratia carnos</i> a (Lam.) Gagnep.	Khatumbo	Vitaceae
70	<i>Cissus quadrangulare</i> L.	Hadsankal	Vitaceae
71	<i>Sapindus laurifolius</i> Vahl, Symb.	Aritha	Sapindaceae
72	<i>Lannea coromandelica</i> (Houtt.) Merrill.	Moyno	Anacardiaceae
73	<i>Mangifera indica</i> L.	Ambo	Anacardiaceae
74	<i>Moringa concanensis</i> Nimmo	Saragvo	Moringaceae
75	<i>Abrus precatorius</i> L.	Chanothi	Fabaceae
76	<i>Alysicarpus longifolious</i>	Khadsamervo	Fabaceae
77	<i>Alysicarpus monilifer</i>		Fabaceae
78	<i>Alysicarpus ovalifolius</i>		Fabaceae
79	<i>Butea monosperma</i> (Lam.)	Khakhro	Fabaceae
80	<i>Canavalia gladiata</i>		Fabaceae
81	<i>Clitoria ternatea</i> L.	Garni	Fabaceae



Sr. NO.	Botanical Name	Local Name	Family
82	<i>Crotolaria medicaginea</i> Lam.	Adbau Methi	Fabaceae
83	<i>Crotolaria retusa</i> L.	Gughro	Fabaceae
84	<i>Dalbergia sissoo</i>	Sisam	Fabaceae
85	<i>Derris indica</i> (Lam.) Bennet	Karanj	Fabaceae
86	<i>Desmodium gangeticum</i>		Fabaceae
87	<i>Desmodium triflorum</i>		Fabaceae
88	<i>Erythrina variegata</i> L.	Pangaro	Fabaceae
89	<i>Erythrina variegata</i> L.	Panarvo	Fabaceae
90	<i>Gliricidia sepium</i> (Jacq.) Walp.		Fabaceae
91	<i>Goniogyna hirta</i> (Willd.)		Fabaceae
92	<i>Indigofera cordifolia</i> Heyne	Gadi	Fabaceae
93	<i>Indigofera linifolia</i>		Fabaceae
94	<i>Indigofera linnaei</i> Ali.	Fatakiya	Fabaceae
95	<i>Indigofera tinctoria</i> L.	Gali	Fabaceae
96	<i>Mucuna prurita</i>		Fabaceae
97	<i>Pueraria tuberosa</i>		Fabaceae
98	<i>Rhynchosia minima</i> (L.) DC.	Dariavel	Fabaceae
99	<i>Sesbania sesban</i>		Fabaceae
100	<i>Tephrosia purpurea</i> (L) Pers.	Sarpankho	Fabaceae
101	<i>Zornia gibbosa</i>		Fabaceae
102	<i>Caesalpinia crista</i> L.	Kachka	Caesalpiniaceae
103	<i>Caesalpinia pulcherrima</i> (L.) Sw.	Galtora	Caesalpiniaceae
104	<i>Cassia auriculata</i> L.	Aval	Caesalpiniaceae
105	<i>Cassia alata</i>		Caesalpiniaceae
106	<i>Cassia fistula</i> L.	Garmalo	Caesalpiniaceae
107	<i>Cassia javanica</i> L.		Caesalpiniaceae
108	<i>Cassia occidentalis</i> L.	Sundro	Caesalpiniaceae
109	<i>Cassia roxburghii</i> DC.		Caesalpiniaceae
110	<i>Cassia siamea</i> Lam.		Caesalpiniaceae
111	<i>Cassia tora</i> L.	Kuvandio	Caesalpiniaceae
112	<i>Delonix regia</i> (Boj.) Raf.	Gulmohor	Caesalpiniaceae
113	<i>Peltophorum pterocarpum</i> (DC.) Backer	Tamrafali	Caesalpiniaceae
114	<i>Tamarindus indica</i> L.	Amli	Caesalpiniaceae
115	<i>Albizia</i> sp.	Sirish	Mimosaceae
116	<i>Mimosa pudica</i> L.	Lajamani	Mimosaceae
117	<i>Pithecellobium dulce</i> (Roxb.)	Gorasamli	Mimosaceae



Sr. NO.	Botanical Name	Local Name	Family
118	<i>Callistemon</i> sp	Bottle brush	Myrtaceae
119	<i>Eucalyptus</i> sp	Nilgiri	Myrtaceae
120	<i>Quisqualis indica</i> L.	Madhu Malti	Combretaceae
121	<i>Terminalia bellirica</i> (Gaertn.) Roxb.	Behda	Combretaceae
122	<i>Ammannia</i> sp.	Jal agro	Lythraceae
123	<i>Lagerstroemia indica</i> L.	Chinai mendhi	Lythraceae
124	<i>Lowsonia inermis</i> L.	Mendhi	Lythraceae
125	<i>Passiflora incarnata</i>	Krishna kamal	Passifloraceae
126	<i>Passiflora</i> sp.-1	Krishna kamal	Passifloraceae
127	<i>Passiflora</i> sp.-2	Krishna kamal	Passifloraceae
128	<i>Carica papaya</i> L.	Papayu	Caricaceae
129	<i>Coccinia grandis</i> (L.) voigt.	Ghiloda	Cucurbitaceae
130	<i>Cucumis callosus</i> (Rottl.) Cogn.	Kothimdu	Cucurbitaceae
131	<i>Trichosanthes cucumerina</i> L.	Jangli Parval	Cucurbitaceae
132	<i>Opuntia cantherae</i>		Cactaceae
133	<i>Gymnocalycium denudatum</i>		Cactaceae
134	<i>Astrophytum myriostigma</i>		Cactaceae
135	<i>Melocactus bahiensis</i>		Cactaceae
136	<i>Malecactus</i> sp.		Cactaceae
137	<i>Gymnocalycium cristata</i>		Cactaceae
138	<i>Mammillaria decipiens</i>		Cactaceae
139	<i>Gymnocalycium mihanovichii</i>		Cactaceae
140	<i>Rebutia muscula</i>		Cactaceae
141	<i>Cephalocereus senilis</i>		Cactaceae
142	<i>Echinopsis</i> sp. 1		Cactaceae
143	<i>Echinopsis</i> sp. 2		Cactaceae
144	<i>Acanthocereus tetragonus</i>		Cactaceae
145	<i>Opuntia microdays</i>	Red Spine	Cactaceae
146	<i>Opuntia microdays</i>	White Spine	Cactaceae
147	<i>Notocactus crassigibbus</i>		Cactaceae
148	<i>Astrophytum myriostigma nudum</i>		Cactaceae
149	<i>Gymnocalycium vatteri</i>		Cactaceae
150	<i>Parodia ottonis</i>		Cactaceae
151	<i>Selenicereus anthonyanus</i>		Cactaceae
152	<i>Selenicereus undatus</i>		Cactaceae



Sr. NO.	Botanical Name	Local Name	Family
153	<i>Hatiora salicornioides</i>		Cactaceae
154	<i>Echinopsis subdenudata</i>		Cactaceae
155	<i>Echinopsis tubiflora</i>		Cactaceae
156	<i>Opuntia monacantha</i>		Cactaceae
157	<i>Hamatocactus setispinus</i>		Cactaceae
158	<i>Mammillaria spinosissima</i>		Cactaceae
159	<i>Mammillaria vetula</i>		Cactaceae
160	<i>Echinopsis calochlora</i>		Cactaceae
161	<i>Mammillaria beneckeii</i>		Cactaceae
162	<i>Epiphyllum oxypetalum</i>		Cactaceae
163	<i>Chamaecereus silvestrii</i>		Cactaceae
164	<i>Opuntia cylindropuntia</i>		Cactaceae
165	<i>Huernia schneideriana</i>		Cactaceae
166	<i>Mammillaria longimamma</i>		Cactaceae
167	<i>mammillaria voburnensis</i>		Cactaceae
168	<i>Alangium salvifolium</i> (L.F.) Wang.	Ankol	Alangiaceae
169	<i>Adina cordifolia</i> (Roxb.) Bth.	Haldarvo	Rubiaceae
170	<i>Borreria articularis</i>		Rubiaceae
171	<i>Borreria stricta</i>		Rubiaceae
172	<i>Gardenia sp.</i>		Rubiaceae
173	<i>Hamelia patens</i>	Hamelia	Rubiaceae
174	<i>Ixora coccinea</i>	Rato okhhos	Rubiaceae
175	<i>Ixora parvifolia.</i>	Kalam,Kadamb	Rubiaceae
176	<i>Mitragyna parvifolia</i> (Roxb.0 Korth.	Kadamb	Rubiaceae
177	<i>Oldenlandia corymbosa</i>		Rubiaceae
178	<i>Oldenlandia sp.-2</i>		Rubiaceae
179	<i>Xeromphis spinosa</i>	Mindhal	Rubiaceae
180	<i>Ageratum conyzoides</i> L.	Mankad mari	Asteraceae
181	<i>Chrysanthemum sp.</i>	Guldaudi	Asteraceae
182	<i>Eclipta erecta</i>		Asteraceae
183	<i>Helianthus sp.</i>	Surajmukhi	Asteraceae
184	<i>Launaea sp.</i>	Bhopatree	Asteraceae
185	<i>Sonchus oleraceus</i>	Dudhali sonaki	Asteraceae
186	<i>Tagetes sp.</i>		Asteraceae
187	<i>Tridax procumbens</i>	Bhangro	Asteraceae



Sr. NO.	Botanical Name	Local Name	Family
188	<i>Vernonia cinerea</i> (L.) Less.	Sahadevi	Asteraceae
189	<i>Vernonia</i> sp.	Padadavel	Asteraceae
190	<i>Xanthium strumarium</i> L.	Gokhru	Asteraceae
191	<i>Achra sapota</i>	Chikoo	Sapotaceae
192	<i>Madhuca indica</i> J.F. Gmel.	Mahudo	Sapotaceae
193	<i>Mimusops elengi</i> L.	Borasalli	Sapotaceae
194	<i>Manilkara hexandra</i> (Roxb.) Dub.	Rayana	Sapotaceae
195	<i>Diospyros melanoxylon</i> Roxb.	Timbru	Ebenaceae
196	<i>Jasminum</i> sp.	Juhi	Oleaceae
197	<i>Jusminum</i> sp.	Mogro	Oleaceae
198	<i>Nyctanthes arbortristis</i> L.	Parijatak	Oleaceae
199	<i>Salvadora persica</i> L.	Piludi	Salvadoraceae
200	<i>Allamanda</i> sp.		Apocynaceae
201	<i>Alstonia</i> sp.		Apocynaceae
202	<i>Carissa congesta</i> Wt. Icon.	Karamda	Apocynaceae
203	<i>Catharanthus roseus</i> (L.) G. Don, Gen.	Barmasi	Apocynaceae
204	<i>Ervatamia divericata</i>	Chandani, Tagar	Apocynaceae
205	<i>Ervatamia</i> sp.-2		Apocynaceae
206	<i>Holarrhena antidysenterica</i>	Indrajav	Apocynaceae
207	<i>Nerium indicum</i> Mill. Gard.	Karen	Apocynaceae
208	<i>Plumeria rubra</i>	Khad champo	Apocynaceae
209	<i>plumeria alba</i>	Safed champo	Apocynaceae
210	<i>plumeria pudica</i>	Nag Champo	Apocynaceae
211	<i>Rauwolfia serpentina</i>	Sarpgandha	Apocynaceae
212	<i>Thevetia peruviana</i> (Pers.) Merrill.	Pili karen	Apocynaceae
213	<i>Vallaris solanacea</i>	Sandhyavel	Apocynaceae
214	<i>Wrightia tomentosa</i>	Kudi	Apocynaceae
215	<i>Calotropis gigantea</i> (L.) R. Br.	Akado	Asclepiadceae
216	<i>Calotropis procera</i> (Ait.) R. Br.	Nano Akado	Asclepiadceae
217	<i>Leptadenia reticulata</i> (Retz.) W. & A.		Asclepiadceae
218	<i>Pergularia daemia</i> (Forsk.) Chiov.	Chamar dudheli	Asclepiadceae
219	<i>Sarcostemma</i> sp.	Som vel	Asclepiadceae
220	<i>Telosma pallida</i> (Roxb.) Craib	Varsha dodi	Asclepiadceae



Sr. NO.	Botanical Name	Local Name	Family
221	<i>Tylophora</i> sp.	Damvel	Asclepiadaceae
222	<i>Enicostema hyssopifolium</i> (Willd.) Verdoon	Mamejevo	Gentianaceae
223	<i>Cordia dichotoma</i> Forst.	Moto gundo	Ehretiaceae
224	<i>Cordia gharaf</i>	Liar gundi	Ehretiaceae
225	<i>Cordia sebestena</i> L.	Liar gundi	Ehretiaceae
226	<i>Heliotropium marifolium</i> Koen.	Hathisundhi	Boraginaceae
227	<i>Argyria nervosa</i>	Samudra sog	Convolvulaceae
228	<i>Convolvulus microphyllus</i> (Roth) Sieb.	Kali shankhaval	Convolvulaceae
229	<i>Convolvulus prostratus</i> Forssk.	Shankhaval	Convolvulaceae
230	<i>Evolvulus alsinoides</i> (L.) L.	Shankhaval	Convolvulaceae
231	<i>Ipomoea batata</i> (L.) Lam.		Convolvulaceae
232	<i>Ipomoea muricata</i>		Convolvulaceae
233	<i>Ipomoea nil</i> (L.) Roth.	Bhamardi	Convolvulaceae
234	<i>Ipomoea obscura</i> (L.) Ker-Gawl.		Convolvulaceae
235	<i>Ipomoea pes-tigridis</i> L.		Convolvulaceae
236	<i>Ipomoea quamoclit</i> L.	Wagpadi ni vel	Convolvulaceae
237	<i>Ipomoea triloba</i> L.		Convolvulaceae
238	<i>Jacquemontia pentantha</i> (Jacq.) G.		Convolvulaceae
239	<i>Merremia aegyptica</i> (L.) Urb.		Convolvulaceae
240	<i>Merremia gangetica</i> (L.) Cufod.		Convolvulaceae
241	<i>Merremia tridentata</i> (L.) Hall f. subsp. <i>hastata</i>	Bhinigario	Convolvulaceae
242	<i>Cuscuta chinesis</i> Lam. Encyl.	Amarvel	Cuscutaceae
243	<i>Solanum surattense</i> Burm.	Bhoiringni	Solanaceae
244	<i>Physalis minima</i>	Popato	Solanaceae
245	<i>Physalis longifolia</i>		Solanaceae
246	<i>Datura fastuosa</i>	Dhantura	Solanaceae
247	<i>Datura metel</i> L.	Ganthoval dhanturo	Solanaceae
248	<i>Datura innoxia</i>	Kalo daturo	Solanaceae
249	<i>Nicotiana</i> sp.	Tambaku	Solanaceae
250	<i>Withania somnifera</i>	Aswagantha	Solanaceae
251	<i>Bacopa monnieri</i>	Bam, Jalnaveri	Scrophulariaceae
252	<i>Lindenbergia muraria</i>	Bhintchatti	Scrophulariaceae
253	<i>Lindernia oopositifolia</i>		Scrophulariaceae



Sr. NO.	Botanical Name	Local Name	Family
254	<i>Lindernia ciliata</i>		Scrophulariaceae
255	<i>Lindernia crustacea</i>		Scrophulariaceae
256	<i>Russelia juncea</i>	Rasili	Scrophulariaceae
257	<i>Russelia rotundifolia</i>		Scrophulariaceae
258	<i>Striga angustifolia</i>	Dholo agio	Scrophulariaceae
259	<i>Bignonia</i> sp.-1		Bignoniaceae
260	<i>Bignonia</i> sp.-2		Bignoniaceae
261	<i>Jacaranda mimosifolia</i> D.Don		Bignoniaceae
262	<i>Kigelia pinnata</i> (Jacq.) DC.	Topgola	Bignoniaceae
263	<i>Millingtonia hortensis</i> L.	Deshi Buch	Bignoniaceae
264	<i>Oroxylum indicum</i> (L.) Vent.	Tetu	Bignoniaceae
265	<i>Spathodea campanulata</i> Beauv.		Bignoniaceae
266	<i>Tebubia</i> sp.		Bignoniaceae
267	<i>Tecoma stans</i> (L.) H.B. & K.	Vasant	Bignoniaceae
268	<i>Tecomella undulata</i> (Sm.) Seem.	Ragat rohido	Bignoniaceae
269	<i>Martynia diandra</i>	Vinchudo	Martyniaceae
270	<i>Tunbergia</i> sp.		Acanthaceae
271	<i>Elytraria acaulis</i> (L. f.) Lindau		Acanthaceae
272	<i>Blepharis maderaspatensis</i>		Acanthaceae
273	<i>blepharis repens</i>		Acanthaceae
274	<i>Ruellia tuberosa</i> sp.	Bandukadi	Acanthaceae
275	<i>Barleria</i> sp.		Acanthaceae
276	<i>Lepidagathis trinervis</i> Wall.	Harancharo	Acanthaceae
277	<i>Justicia procumbens</i>		Acanthaceae
278	<i>Justicia diffusa</i>		Acanthaceae
279	<i>Adhatoda vasica</i> (L.) Nees	Ardusi	Acanthaceae
280	<i>Peristrophe bicalyculata</i> (Retz.) Nees	Adhedi	Acanthaceae
281	<i>Clerodendron inerme</i> (L.) Gaertn.	Vadmendi	Verbinaceae
282	<i>Clerodendron infortunatum</i>		Verbinaceae
283	<i>Clerodendron multiflorum</i> (Burm. F.)	Arni	Verbinaceae
284	<i>Duranta repens</i> L.	Sapheda Dhaturo	Verbinaceae
285	<i>Gmelina arborea</i> Roxb.	Sivan	Verbinaceae
286	<i>Lantana camara</i> L.	Indradhanu	Verbinaceae



Sr. NO.	Botanical Name	Local Name	Family
287	<i>Tectona grandis</i> L. f.	Sag	Verbinaceae
288	<i>Verbena</i> sp.		Verbinaceae
289	<i>Stachytarpheta</i> species		Verbinaceae
290	<i>Vitex negundo</i> L.	Nagod	Verbinaceae
291	<i>Ocimum sanctum</i> L.	Tulsi	Lamiaceae
292	<i>Ocimum amiricanum</i>	Tulso	Lamiaceae
293	<i>Ocimum basilicum</i> L.	Damro	Lamiaceae
294	<i>Ocimum</i> sp.	Damro	Lamiaceae
295	<i>Leonitis nepetifolia</i>	Mati jaal	Lamiaceae
296	<i>Moschosma polystachyum</i>		Lamiaceae
297	<i>Boerhavia diffusa</i> L.	Satodi	Nictaginaceae
298	<i>Boerhavia erecta</i>	Ubhi satodi	Nictaginaceae
299	<i>Boerhavia chindnsis</i>		Nictaginaceae
300	<i>Boerhavia repanda</i>		Nictaginaceae
301	<i>Bougainvillea spectabilis</i> Willd.	Boganvel	Nictaginaceae
302	<i>Mirabilis jalapa</i> L.	Gulbas	Nictaginaceae
303	<i>Achyranthus aspera</i> R. Br.	Anghedi	Amaranthaceae
304	<i>Aerva lanata</i>		Amaranthaceae
305	<i>Aerva sanguinolenta</i>		Amaranthaceae
306	<i>Digera muricata</i>	Kanejaro	Amaranthaceae
307	<i>Pupalia lappacea</i>		Amaranthaceae
308	<i>Amaranthus viridis</i>		Amaranthaceae
309	<i>Alternanthera sessilis</i>		Amaranthaceae
310	<i>Gomphrena globosa</i>		Amaranthaceae
311	<i>Gomphrena celosioides</i>		Amaranthaceae
312	<i>Amaranthus spinosus</i>		Amaranthaceae
313	<i>Antigonon leptopus</i>	Ice cream vel	Polygonaceae
314	<i>Acalypha indica</i> L.	Dadari	Euphorbiaceae
315	<i>Acalyphyia hispida</i>		Euphorbiaceae
316	<i>acalyphyia ciliata</i>		Euphorbiaceae
317	<i>Emblica officinalis</i>	Amla	Euphorbiaceae
318	<i>Euphorbia hirta</i> L.	Chamar dudheli	Euphorbiaceae
319	<i>Euphorbia pulcherima</i>	Lal patti	Euphorbiaceae
320	<i>Euphorbia hypericifolia</i>		Euphorbiaceae
321	<i>Euphorbia microphylla</i>		Euphorbiaceae
322	<i>Jartopha gossypifolia</i> L.		Euphorbiaceae
323	<i>Jartopha curcas</i>	Jamal gota	Euphorbiaceae



Sr. NO.	Botanical Name	Local Name	Family
324	<i>Jatropha multifida</i>		Euphorbiaceae
325	<i>Jatropha pendurifolia</i>		Euphorbiaceae
326	<i>Kirganelia reticulata</i> (Poir.) Baill.	Kamboi	Euphorbiaceae
327	<i>Phyllanthus fraternus</i> Webster	Bhonya amli	Euphorbiaceae
328	<i>Pedianthus tithmaloides</i>	Vilayati kharsani	Euphorbiaceae
329	<i>Pedianthus</i> sp.-2		Euphorbiaceae
330	<i>Pedianthus</i> sp.-3		Euphorbiaceae
331	<i>Putranjiva roxburghii</i>		Euphorbiaceae
332	<i>Euphorbia knuthii</i>		Euphorbiaceae
333	<i>Euphorbia obesa</i> x <i>meloformis</i>		Euphorbiaceae
334	<i>Euphorbia alluaudii</i>		Euphorbiaceae
335	<i>Euphorbia aeruginosa</i>		Euphorbiaceae
336	<i>Euphorbia lactea</i>		Euphorbiaceae
337	<i>Euphorbia fruticosa</i>		Euphorbiaceae
338	<i>Ricinus communis</i>		Euphorbiaceae
339	<i>Euphorbia nerifolia</i>		Euphorbiaceae
340	<i>Croton bonplandianus</i>		Euphorbiaceae
341	<i>Securinega leucopyrus</i>	Thumari	Euphorbiaceae
342	<i>Holoptela integrifolia</i> (Roxb.) Planch.	Kanjo	Ulmaceae
343	<i>Ficus bengalensis</i> L.	Vad	Moraceae
344	<i>Ficus elastica</i>	Rabbar vad	Moraceae
345	<i>Ficus lyrata</i>		Moraceae
346	<i>Ficus racemosa</i> L.	Umaro	Moraceae
347	<i>Ficus religiosa</i> L.	Pipli	Moraceae
348	<i>Morus alba</i> L.	Shetur	Moraceae
349	<i>Casuarina equisetifolia</i> L.	Sharu	Casuarinaceae
350	<i>Vanda tessellata</i>	Orchid	Orchidaceae
351	<i>Aerides maculosum</i>	Orchid	Orchidaceae
352	<i>Hydrilla verticillata</i> (L. f.) Royle	Hydrilla	Hydrocharitaceae
353	<i>Vallisneria spiralis</i> L.	Vallisneria	Hydrocharitaceae
354	<i>Helicornia</i> sp.		Musaceae
355	<i>Musa paradisiaca</i>	Kel	Musaceae
356	<i>Ravenala madagascariensis</i>		Musaceae
357	<i>Canna indica</i> L.	Kena	Cannaceae
358	<i>Crinum</i> sp.		Amarylidaceae
359	<i>Pancratium</i> sp.		Amarylidaceae

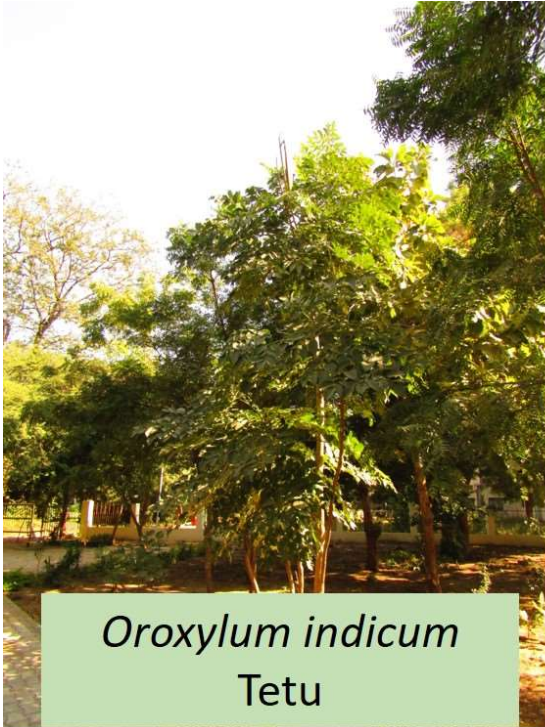


Sr. NO.	Botanical Name	Local Name	Family
360	<i>Agave americana</i> L.	Ramban	Agavaceae
361	<i>Sensevieria</i> sp.		Agavaceae
362	<i>Yucca gloriosa</i>	Yucca	Agavaceae
363	<i>Dioscorea bulbifera</i>	Kanak	Dioscoreaceae
364	<i>Dioscorea hispida</i>		Dioscoreaceae
365	<i>Dioscorea alata</i>	Kanak	Dioscoreaceae
366	<i>Aloe barbadensis</i> Mill.	Kunvarpato	Liliaceae
367	<i>Asparagus racemosus</i> Willd.	Satavari	Liliaceae
368	<i>Gloriosa superba</i> L.	Vachanag	Liliaceae
369	<i>Commelina nudiflora</i>	Nana Shishmuliu	Commelinaceae
370	<i>Commelia diffusa</i>		Commelinaceae
371	<i>Commelina benghalensis</i> L.	Motu Shishmuliu	Commelinaceae
372	<i>Tradenscentia</i> sp		Commelinaceae
373	<i>Tradenscentia variegated</i>		Commelinaceae
374	<i>Roystonea</i> sp.		Arecaceae
375	<i>Phoenix sylvestris</i>	Khajuri	Arecaceae
376	<i>Caryota urens</i> L.	Shivjata	Arecaceae
377	<i>Pandanus odoratissimus</i>	Kevado	Pandanaceae
378	<i>Colocasia</i> sp.		Araceae
379	<i>Colocasia esculenta</i>	Alavi	Araceae
380	<i>Cyperus</i> sp.		Cyperaceae
381	<i>Cyperus</i> sp.		Cyperaceae
382	<i>Acrachne racemosa</i> (Heyne ex R. & S.) Oswi	Chinkhiyu	Poaceae
383	<i>Apluda mutica</i> L.	Bhungario	Poaceae
384	<i>Brachiaria ramosa</i> (L.) Stapf	-	Poaceae
385	<i>Cenchrus ciliaris</i> L.	Dhaman	Poaceae
386	<i>Chloris barbata</i> Sw.	Rusad	Poaceae
387	<i>Chloris virgata</i> Sw.	Rusad	Poaceae
388	<i>Cymbopogon citratus</i> (DC.) Stapf	Lili Chah	Poaceae
389	<i>Cynodon dactylon</i> (L.) Pers.	Chhabbar	Poaceae
390	<i>Dendrocalamus strictus</i> Nees	Vans	Poaceae
391	<i>Desmostachya bipinnata</i> (L.) Stapf	Darab, Dabhado	Poaceae
392	<i>Dichanthium annulatum</i> (Forak.) Stapf	Jinjavo	Poaceae

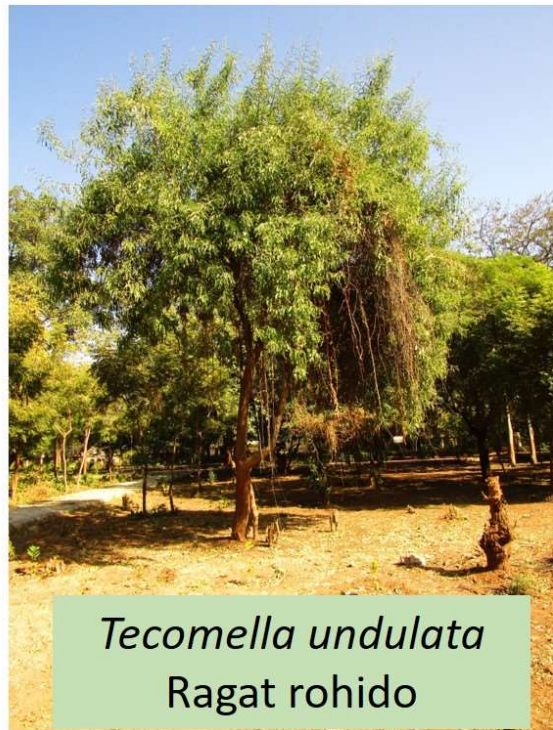


Sr. NO.	Botanical Name	Local Name	Family
393	<i>Dichanthium caricosum</i> (L.) A. Camus	Zinzvo	Poaceae
394	<i>Digitaria pennata</i> (Hochst.) Cooke	-	Poaceae
395	<i>Dinebra retroflexa</i> (Vahl) Panz	-	Poaceae
396	<i>Echinochloa colonum</i> (L.) Link	Samo	Poaceae
397	<i>Eragrostis tremula</i> Hochst.	-	Poaceae
398	<i>Eragrostis viscosa</i> (Retz.) Trin.	Chikatiyu	Poaceae
399	<i>Setaria tomentosa</i> (Roxb.) Kunth.	Bhichdiyu	Poaceae
400	<i>Setaria verticillata</i> (L.) P. Beauv.	Jepti	Poaceae
401	<i>Sporobolus fertilis</i> (Steud.) Clayton	Ganthiar	Poaceae
402	<i>Urochloa panicoides</i> P. Beauv. var. <i>pubescens</i> (Kunth) Bor	-	Poaceae
403	<i>Zoisia matrella</i> (L.) Merr.	-	Poaceae
404	<i>Phyllostachys aurea</i>	Golden Vans	Poaceae
405	<i>Thuja occidentalis</i> L.	Mayur pankh	Cupressaceae
406	<i>Cycas</i> sp.		Cycadaceae
407	<i>Pinus</i> sp.		Pinaceae
408	<i>Zamia furfuracea</i> L. f.		Zamiaceae
409	<i>Ginkgo biloba</i> L.	-	Ginkgoaceae
410	<i>Ephedra</i> sp.		Ephedraceae
411	<i>Riccia</i> sp.		Ricciaceae
412	<i>Nephrolepis</i> sp-1		Nephrolepidaceae
413	<i>Nephrolepis</i> sp-2		Nephrolepidaceae
414	<i>Adiantum</i>		Pteridaceae
415	<i>Equisetum</i>		Equisetaceae
416	<i>Phymatosorus</i> sp.		Polypodiaceae
417	<i>Radermachera xylocarpa</i>		Bignoniaceae
418	<i>Sterculia guttata</i>		Malvaceae
419	<i>Senegalia catechu</i>	Katho	Mimisaceae
420	<i>Anacardium occidentale</i>	Kaju	Anacardiaceae
421	<i>Jacaranda mimosifolia</i>		Bignoniaceae

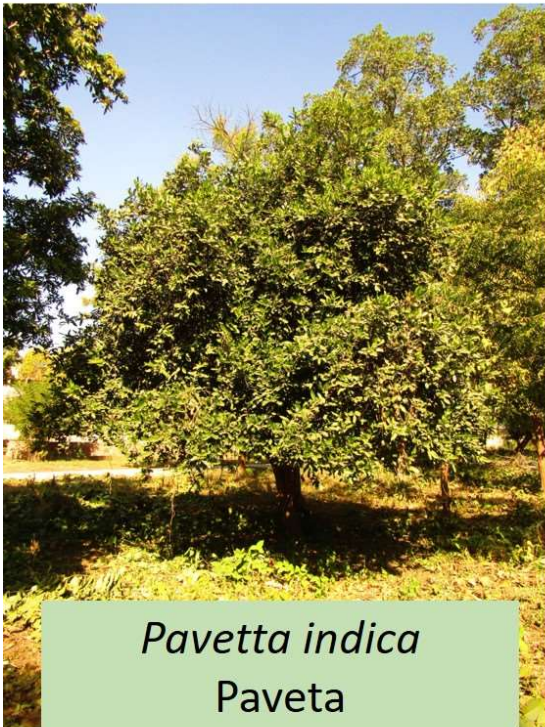




Oroxylum indicum
Tetu



Tecomella undulata
Ragat rohido

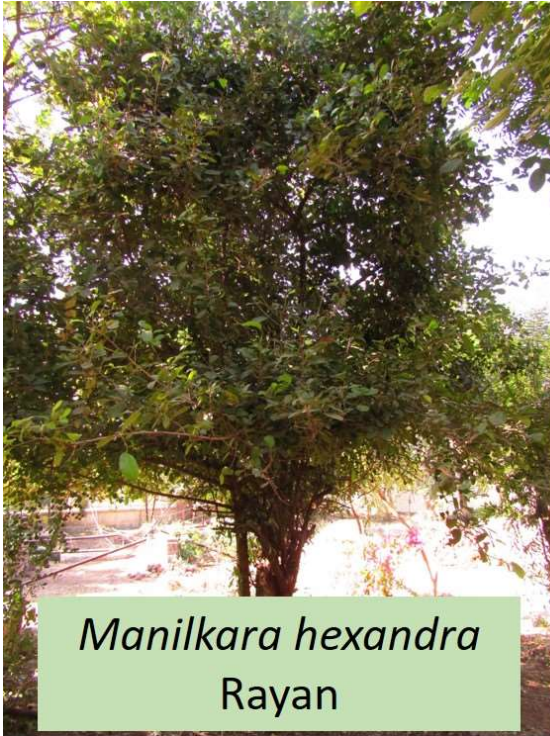


Pavetta indica
Paveta

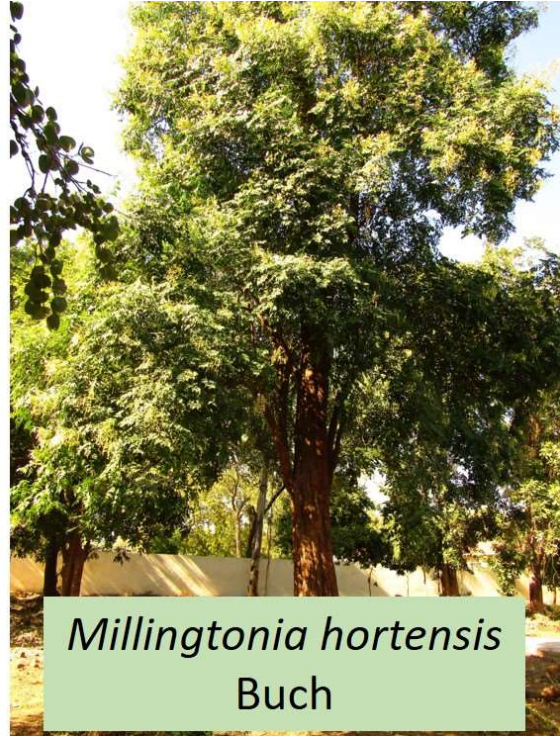


Sapindus emarginatus
Aritha





Manilkara hexandra
Rayan



Millingtonia hortensis
Buch



Sapindus trifoliatus
Aritha

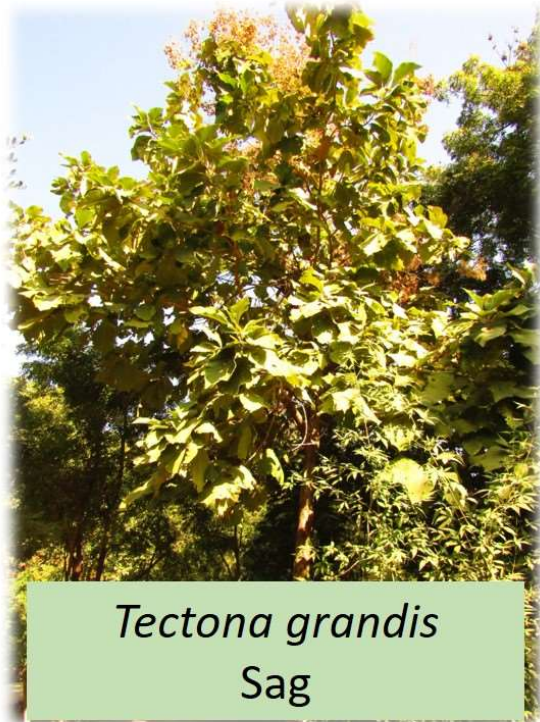


Adansonia digitata
Baobab

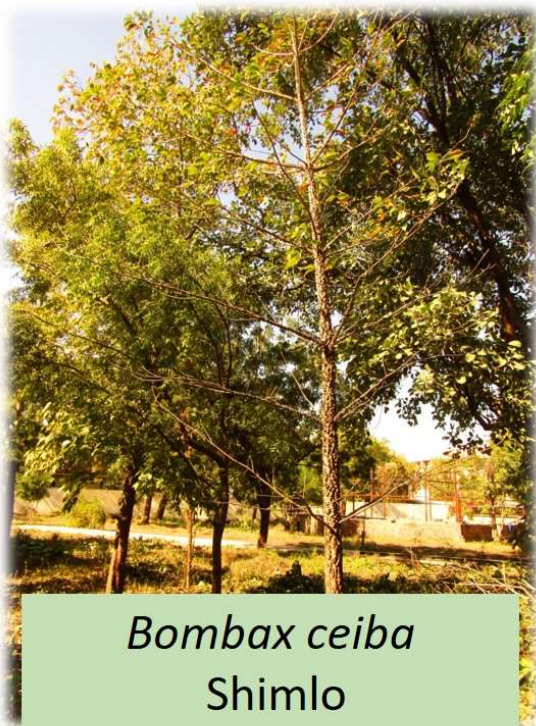




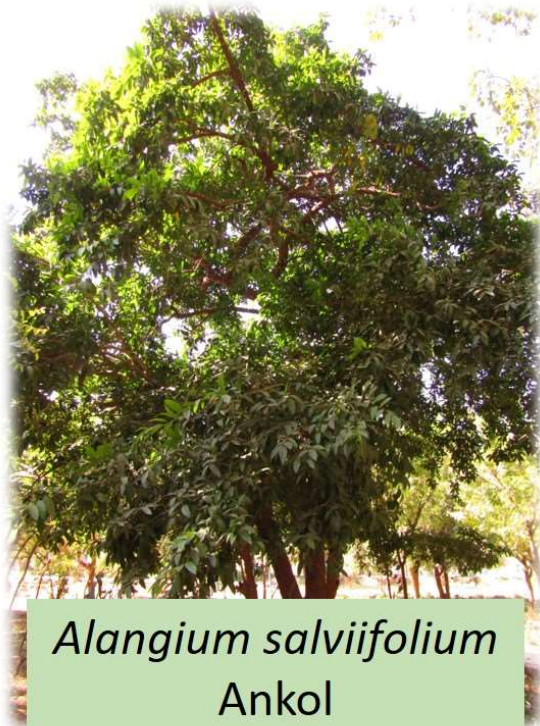
Terminalia bellirica
Baheda



Tectona grandis
Sag



Bombax ceiba
Shimlo



Alangium salviifolium
Ankol

