

FLORA OF A.M.A.L.COLLEGE, ANAKAPALLE, VISAKHAPATNAM DISTRICT, ANDHRAPRADESH, INDIA

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ABSTRACT

The main purpose of the study is on the Flora of A.M.A.L.College, Anakapalle. I made a humble attempt on this survey on the wealth of Floristic components in Anakapalle. This type of study has prominence in focusing the available Botanical data of that particular area. In addition it helps in protecting the endangered species of this area.

Key words

Floristic, wealth, Prominence Endangered, Species

INTRODUCTION

The A.M.A.L. College, Anakapalli, Visakhapatnam District derived the name with Anakapalli Merchants Association and to honour late Sri Korukonda Lingamurthy, the founder of Anakapalli Merchants Association

The College campus covered an area of 40 acres bounded on the East Railway track, North 60 feet road, south and west agricultural Lands.

No floristic study was made by any systematist. The present work has been undertaken to explore various kinds of plants grown in the College campus. Indirectly it helps to summarise the detailed observation on the wealth of flora of

A.M.A.L. College. It is an attempt to help brings out the importance of medicinal plants, which are used for common ailments.

METHODOLOGY

Wet formalin (F.A.A.) method adopted for the collection of plant material and also to maintain specific identity of each collection, appropriate field notes was made on each spot. For the mounting and identification of the collections modern herbarium techniques were followed. After initial identification with various floras like Flora of Madras presidency, Flora of British India (Hooker's flora), Flora of West Godavari District (A.P., INDIA). The Flora of Visakhapatnam and Flora of Andhra Pradesh. Further verification was made by authentic herbaria available at A.M.A.L College (Dept. of Botany) and the Dept. of Botany, Andhra University, Visakhapatnam.

It is hoped that this preliminary work of campus flora will be useful for students, staff and visitors. We appreciate all the efforts taken by our Management. Arrangement of Species in enumeration is followed by alphabet and the arrangement of families according to Bentham & Hooker's classification.

ENUMERATION OF DIFFERENT SPECIES

S. No.	Botanical (Scientific) Name of the Plant	Local Name	Name of the Family
1	<i>Michelia champaca</i> Linn	Simhachala Shampenga	Magnoliaceae
2	<i>Annona reticulata</i> Linn	Ramaphalam	Annonaceae
3	<i>Anona squamosa</i> Linn.	Sithaphalam	Annonaceae
4	<i>Polyalthia longitolia</i> Hook. F. & Thoms.	Naramamidi	Annonaceae
5	<i>Polyalthia pendula</i> Hook. F. & Thoms.	Naramamidi	Annonaceae
6	<i>Cissampelos pereira</i> Linn.	Visha Boddi	Menispermaceae
7	<i>Cocculus hirsutus</i> (Linn) Diels	Dusara Teega	Menispermaceae
8	<i>Tiliacora racemosa</i> Colebr	Kappa Teega	Menispermaceae
9	<i>Tinospora cardifolia</i> (Wid) Miers ex, HookF. &Thoms	Tippa Teega	Menispermaceae
10	<i>Stephania japonica</i> Meirs		Menispermaceae
11	<i>Argemone mexicana</i> Linn	Balu Rakkasi	Papavaraceae
12	<i>Cleome aspera</i> Koenig Ex. D.C.		Capparidaceae
13	<i>Cleome gynandra</i> Linn.	Kukka Vaminta	Capparidaceae
14	<i>Cleome viscosa</i> Linn.	Vaminta	Capparidaceae
15	<i>Hybanthus enneaspermus</i> Linn.	Ratna Purusha	Violaceae
16	<i>Polygala chinensis</i> Linn		Polygalaceae
17	<i>Portulaca oleracea</i> Linn.	Pappukura	Portulacaceae
18	<i>Portulaca quadrifida</i> Linn.	Sanna pappukura	Portulacaceae
19	<i>Portulaca grandiflora</i> Linn.	Gaddi Gulabi	Portulacaceae
20	<i>Calophyllum inophyllum</i> Linn	Ponna	Clusiaceae

21	<i>Abutilon indicum</i> (Linn.) Sweet in Hort	Tuthura Benda	Malvaceae
22	<i>Hibiscus micranthus</i> Linn.	Nityamalli	Malvaceae
26	<i>Pavonia zeylanica</i> Car	Karu Benda	Malvaceae
27	<i>Sida acuta</i> Burm.f.	Gayapaaku	Malvaceae
28	<i>Sida cordata</i> Burm. 1. Borssum	Gayapaaku	Malvaceae
29	<i>Sida cordifolia</i> Linn.	Chiru Benda	Malvaceae
30	<i>Sida rhombifolia</i> Linn.	Ma illu Manikyam	Malvaceae
31	<i>Thespesia Populnea</i>	Ganga Raavi	Malvaceae
32	<i>Urena lobata</i> Linn.	Nalla Benda	Malvaceae
33	<i>Ceiba pentandra</i> (Linn.) Gaertn	Tella Buruga	Bombacaceae
34	<i>Melochia corchorifolia</i> Linn.		Sterculiaceae
35	<i>Corchorus acutangulus</i> Lamak,		Tiliaceae
36	<i>Triumphetta rhomboidea</i> Jacq.		Tiliaceae
37	<i>Muntingia calabura</i> Linn.	Cherry	Elaeocarpaceae
38	<i>Tribulus terrestris</i> Linn.	Palleru	Zygophyllaceae
39	<i>Aegle marmelus</i> (Linn.) Correa	Maredu	Rutaceae
40	<i>Citrus aurantifolia</i> (Chr) SW.	Narinja	Rutaceae
41	<i>Glycosmis pentaphylla</i> (Retz) Correa	Golugu	Rutaceae
42	<i>Murraya koenigi</i> (Linn.) Spreng	Karivepaku	Rutaceae
43	<i>Azadirachta indica</i> AJuss.	Vepa	Meliaceae
44	<i>Zyzipus mauritiana</i> Lamk	Regu	Rhamnaceae
45	<i>Zyzipus oenophila</i> (Linn) Mill	Pulla Regu (Parimi)	Rhamnaceae

46	<i>Cissus pedata</i> Lamark		Vitaceae
47	<i>Cissus quadrangularis</i> Linn.	Nalleru	Vitaceae
48	<i>Allophyllus cobbe</i> (Linn.) Raewsch		Sapindaceae
49	<i>Dodanea Viscosa</i> (Linn.) Jacq.		Sapindaceae
50	<i>Sapindus emarpinatus</i> Vahl.	Kunkude	Sapindaceae
51	<i>Anacardium occidentale</i> Linn.	Jeedi Mamidi	Anacardiaceae
52	<i>Mangifera indica</i> Linn.	Mamidi	Anacardiaceae
53	<i>Abrus precatorius</i> Linn.	Guruvinda	Fabaceae
54	<i>Alysicarpus monilifer</i> (Linn.) D.C.		Fabaceae
55	<i>Atylosia scarabaeodes</i> Linn.		Fabaceae
56	<i>Clitoria ternatea</i> Linn.	Shanku Pushpam	Fabaceae
57	<i>Crotalaria verrucosa</i> Linn.	Gilakicha Kaya	Fabaceae
58	<i>Dalbergia sisoo</i> . Roxb.	Shisham	Fabaceae
59	<i>Desmodium gangeticum</i> (Linn.) D.C.	Kola Panna	Fabaceae
60	<i>Desmodium triflorum</i> (Linn.) D.C. M	Muntamandu	Fabaceae
61	<i>Glyricidia maculata</i> H.B.K. Nov		Fabaceae
62	<i>Indigofera ennaephylla</i> Linn.	Chala Puchi	Fabaceae
63	<i>Indigofera hirsuta</i> Linn	Kola Patitilu	Fabaceae
64	<i>Indigofera linifolia</i> Retz.		Fabaceae
65	<i>Indigofera trifoliata</i> Linn.		Fabaceae
66	<i>Mucuna pruriens</i> (Linn.) D.C.	Durada Gondi	Fabaceae
67	<i>Tephrosia purpurea</i> (Linn.) Pers.	Vempali	Fabaceae

68	<i>Tephrosia hirta</i> Buch Ham	Nugu Vempali	Fabaceae
69	<i>Teramnus labialis</i> (Linn.) Spreng		Fabaceae
70	<i>Zornia diphylla</i> Pers.	Chilaka Mukku Kaada	Fabaceae
71	<i>Caesalpinia pulcherima</i> (Linn.) Swartz	Chitti Kesaram	Caesalpinaceae
72	<i>Cassia absus</i> Linn.		Caesalpinaceae
73	<i>Cassia auriculata</i> Linn.	Nela Tangedu	Caesalpinaceae
74	<i>Cassia fistula</i> Linn.	Rela	Caesalpinaceae
75	<i>Cassia marginata</i> Roxb		Caesalpinaceae
76	<i>Cassia occidentalis</i>	Coffee Senna Kasinta	Caesalpinaceae
77	<i>Cassia siamea</i> Lamk.	Chettu Tangedu	Caesalpinaceae
78	<i>Cassia spectabilis</i>		Caesalpinaceae
79	<i>Cassia tora</i> Linn.	Dasara Aaku	Caesalpinaceae
80	<i>Delonix regia</i> (Hook) Raf.	Yerra Sunkesula	Caesalpinaceae
81	<i>Peltophorum pterocarpum</i> Baker.	Pasupu Sunkesula	Caesalpinaceae
82	<i>Tamarindus indica</i>	Chinta	Caesalpinaceae
83	<i>Acacia caesia</i> (Linn) WT ARN.	Korintha	Mimosaceae
84	<i>Adenanthera pavonica</i> (Linn.) Benth.	Bandi Gurivinda	Mimosaceae
85	<i>Albezia lebbeck</i> (Linn.) Benth.	Dirisina	Mimosaceae
86	<i>Leucaena glauca</i> Benth.	Subabulu	Mimosaceae
87	<i>Mimosa pudica</i> Linn.	Atthipatthi	Mimosaceae
88	<i>Pithecolobium dulce</i> (Roxb.) Benth.	Sima Chinta	Mimosaceae
111	<i>Hamelia patens</i> Jacq.	Manmada Banam	Rubiaceae

112	<i>Ixora coccinia</i> Linn.	Rama Banam	Rubiaceae
113	<i>Ixora parviflora</i> vahl,		Rubiaceae
114	<i>Morinda tinctoria</i> Roxb.	Togaru	Rubiaceae
115	<i>Oldenlandia corymbosa</i> Linn.		Rubiaceae
116	<i>Oldenlandia umbellata</i> Winn.		Rubiaceae
117	<i>Pavetta indicca</i> Linn.	Papidi	Rubiaceae
118	<i>Acanthospermum hispidum</i> D.C		Asteraceae
119	<i>Ageratum conyzoides</i> Linn.		Asteraceae
120	<i>Eclipta alba</i> (Linn.) Hask. Jav.	Guntakalagara	Asteraceae
121	<i>Emilia sonchifolia</i> (Linn.) D.C.		Asteraceae
122	<i>Eupatorium odoratum</i> Linn.	Kampurodda	Asteraceae
123	<i>Gnaphalium indicum</i> Linn.		Asteraceae
124	<i>Lagascea mollis</i> Cav.		Asteraceae
125	<i>Parthenium hysterophorus</i> Linn.	Congress Weed/Vayyaribhama	Asteraceae
126	<i>Sphaeranthus indicus</i> Linn.		Asteraceae
127	<i>Spilanthes paniculata</i> Wall ex D.C.		Asteraceae
128	<i>Tridax procumbens</i> Linn.		Asteraceae
129	<i>Vernonia cinerea</i> (Linn.) Less.	Garita Kaamini	Asteraceae
130	<i>Mimusops elengi</i> Linn.	Bogada	Sapotaceae
131	<i>Plumbago zeylanica</i> Linn.	Chitramulam	Plumbaginaceae
132	<i>Allamanda cathartica</i> Linn.	Suvama Ganneru	Apocynaceae
133	<i>Carissa carandas</i> Linn.	Peddavakakaya	Apocynaceae

134	<i>Catharanthus roseus</i> (Linn.) D.C.	Billaganneru	Apocynaceae
135	<i>Nerium odorum</i> Alt	Ganneru	Apocynaceae
136	<i>Tabernaemontana divaricata</i> (Linn.) R.Br.	Nandivardanan	Apocynaceae
137	<i>Thevitea nerifolia</i> Juss.	Pacha Ganneru	Apocynaceae
138	<i>Vallisneria spiralis</i> (L.) O. Ktze.	Ginnemalathi	Apocynaceae
139	<i>Wrightia tinctoria</i> (Roxb.) R.Br.	Ankudu	Apocynaceae
140	<i>Calotropis gigantea</i> (Linn.) R.Br.	Jilledu	Asclepiadaceae
141	<i>Tylophora indica</i> (Burm.f) Merrile	Kakapala	Asclepiadaceae
142	<i>Heliotropium indicum</i> Linn.	Nagadanti	Boraginaceae
143	<i>Trichodesma indicum</i> (Linn.) R.Br.		Boraginaceae
144	<i>Evolvulus alsinoides</i> . (Linn.) Linn.	Vishnukrantha	Convolvulaceae
145	<i>Evolvulus nummularius</i> (Linn.) Linn.		Convolvulaceae
146	<i>Ipomoea cornea</i> Jacq.	Radio Tuppa/Thuti	Convolvulaceae
147	<i>Ipomoea sepiarea</i> Koen.		Convolvulaceae
148	<i>Ipomoea obscura</i> K. Gawl		Convolvulaceae
149	<i>Merremia emarginata</i> (Burm.f) Hall. 1.	Yelukachevi kaada	Convolvulaceae
150	<i>Merremia tridentata</i> (Linn.) Hall.1		Convolvulaceae
151	<i>Cuscuta reflexa</i> Roxb.	Suraputeega/Bangaru Teega	Convolvulaceae
152	<i>Datura metel</i> Linn.	Vummetha	Solanaceae
153	<i>Physalis minima</i> Linn.	Budda Burasa	Solanaceae
154	<i>Solanum nigrum</i> Linn.	kamanchi	Solanaceae
155	<i>Solanum Parviflorum</i> Moris ex Badaro		Solanaceae

156	<i>Solanum zanthocarpum</i>	Vakudu	Solanaceae
157	<i>Bacopa moniera</i> (Linn) Pennell		Scrophulariaceae
158	<i>Lindernia ciliata</i> (Coesm) Pennen		Scrophulariaceae
159	<i>Scoparia dulcis</i> Linn.		Scrophulariaceae
160	<i>Striga lutea</i> Lour	Dhanyapu Malli	Scrophulariaceae
161	<i>Adinocalyma alliaceum</i> (Lamak) Miers.		Bignoniaceae
162	<i>Tecoma stans</i> (Linn.) Juss.		Bignoniaceae
163	<i>Techomaria capensis</i> Spact.		Bignoniaceae
164	<i>Tabebuia pentaphylla</i> (Linn.) Hemsl.		Bignoniaceae
165	<i>Spathodia companulata</i> Beaur.		Bignoniaceae
166	<i>Martymia diandra</i> Gloxion	Telukondi	Pedaliaceae
167	<i>Pedaliium murex</i> Linn.	Enugu Palleru	Pedaliaceae
168	<i>Andrographis echioides</i> (Linn.) Nees.		Acanthaceae
169	<i>Andrographis paniculata</i> (Burn.) Nees.	Nelavemu	Acanthaceae
170	<i>Asystacia gangetica</i> (Linn.) T. Anders.		Acanthaceae
171	<i>Barleria prionotis</i> Linn.	Gobbi	Acanthaceae
172	<i>Blepharis maderaspatensis</i> (Linn.) Heyne ex Roth		Acanthaceae
173	<i>Blepharis repens</i> (Vaht) Roth.		Acanthaceae
174	<i>Depteracanthus prostratus</i> (Poir) Nees.		Acanthaceae
175	<i>Ecbolium linneanum</i> Kurz	Green Kanakambaram	Acanthaceae
176	<i>Elytraria acaulis</i> (Linn.f) Lindan.		Acanthaceae
177	<i>Justicia glauca</i> Rotter.		Acanthaceae

178	<i>Justicia procumbens</i> Linn,		Acanthaceae
179	<i>Ruellia tuberosa</i> Linn.		Acanthaceae
180	<i>Tembergla alata</i> Boj ex Sims.		Acanthaceae
181	<i>Clerodendron fragrans</i> R.Br.		Verbenaceae
182	<i>Clerodendron infortunatum</i> Linn,		Verbenaceae
183	<i>Duranta repens</i> Jaca		Verbenaceae
184	<i>Lantana camara</i> Linn.		Verbenaceae
185	<i>Tectona grandis</i> Linn.	Teku	Verbenaceae
186	<i>Anisochilus camosus</i> (Linn.) wall.		Lamiaceae
187	<i>Hyptis suaveolens</i> (Linn.) Poit.		Lamiaceae
188	<i>Lecuas aspera</i> (Wild) Link		Lamiaceae
189	<i>Ocimum americanum</i> Linn.	Kukka Tulasi	Lamiaceae
190	<i>Ocimum sanctum</i> Linn.	Tulasi	Lamiaceae
191	<i>Boerhavia diffusa</i> Linn.	Punarnava	Nyctaginaceae
192	<i>Bougainvillea spectabilis</i> . Willd	Kagitham Poolu	Nyctaginaceae
193	<i>Mirabilis jalapa</i> Linn.	Chandrakantham	Nyctaginaceae
194	<i>Nyctanthus arbor-tristis</i> Linn.	Parijatham	Nyctaginaeaceae
195	<i>Achyranthes aspera</i> Linn.	Vuttareni	Amaranthaceae
196	<i>Aerva lanata</i> (Linn.) Juss.	Konda Pindikura	Amaranthaceae
197	<i>Allamania nodiflora</i> (Linn.) R.Br.		Amaranthaceae
198	<i>Altemanthera sessilis</i> (Linn.) R.Br ex DC.	Ponnaganti Kura	Amaranthaceae
199	<i>Altemanthera triandra</i> Lamak		Amaranthaceae

200	<i>Amaranthus spinosus</i> Linn.	Mulla Thotakura	Amaranthaceae
201	<i>Amaranthus viridis</i> Linn.	Thota kura	Amaranthaceae
202	<i>Digera muricata</i> (Linn) Mart	Chenchala kura	Amaranthaceae
203	<i>Gomphrena decumbens</i> Jacq.		Amaranthaceae
204	<i>Pupalia atropurpurea</i> (Lamak) Mogs		Amaranthaceae
205	<i>Pupalia leppacia</i> Linn. Juss.	Gorri Cheemidi	Amaranthaceae
206	<i>Antigonon leptopus</i> HK & A	Pichi Batani	Polygonaceae
207	<i>Aristolochia bracteolata</i> Lamak.		Aristolochiaceae
208	<i>Aristolochia indica</i> Linn.	Eswari	Aristolochiaceae
209	<i>Peperomia portulacoides</i> (Lamark) A.Diet.		Piperaceae
210	<i>Cassytha filiformis</i> Linn.	Seethamma Savaralu	Lauraceae
211	<i>Dendrophthoe falcata</i> (Linn. f) Ettingh	Badanika/Vadininka	Loranthaceae
212	<i>Acalypha indica</i> Linn.	Muripinda	Euphorbiaceae
213	<i>Acalypha lanceolata</i> Willd.		Euphorbiaceae
214	<i>Codiaeum variegatum</i> Linn.	Croton	Euphorbiaceae
215	<i>Croton bonplandianum</i> Baill.	Gaalivana Thuppa	Euphorbiaceae
216	<i>Euphorbia hirta</i> Linn	Pachabotlu/Reddivari Nanubalu	Euphorbiaceae
217	<i>Euphorbia heterophylla</i> Linn.		Euphorbiaceae
218	<i>Euphorbia rosea</i> Retz.		Euphorbiaceae
219	<i>Euphorbia splendens</i> Boj.		Euphorbiaceae
220	<i>Euphorbia tirucalli</i> Linn.	Kada Jemudu	Euphorbiaceae
221	<i>Jatropha curcas</i> Linn.	Seema Nepalam	Euphorbiaceae

222	<i>Jatropha glandulosa</i> Linn.	Nepalam	Euphorbiaceae
223	<i>Kirganelia reticulata</i> . Baill.	Purudu	Euphorbiaceae
224	<i>Chrozophora plicata</i> A Juss.		Euphorbiaceae
225	<i>Micrococca mercurialis</i> (Linn.) Benth.		Euphorbiaceae
226	<i>Pedilanthus tithymaloids</i> Poil		Euphorbiaceae
227	<i>Phyllanthus emblica</i> Linn.	Racha Vusiri	Euphorbiaceae
228	<i>Phyllanthus maderaspatensis</i> Linn.		Euphorbiaceae
229	<i>Phyllanthus amarus</i> Linn.	Nela Vusiri	Euphorbiaceae
230	<i>Phyllanthus virgatus</i> Forst.f.		Euphorbiaceae
231	<i>Ricinus cummunus</i> Linn.	Caster/Aamudamu	Euphorbiaceae
232	<i>Sebastiania chamaelea</i> (Linn.) Muell		Euphorbiaceae
233	<i>Securinga leucopyrus</i> (Willd) Muell-Arg.		Euphorbiaceae
234	<i>Artocarpus integrifolia</i> Linn.	Panasa	Moraceae
235	<i>Ficus beghalensis</i> Linn.	Marri	Moraceae
236	<i>Ficus religiosa</i> Linn.	Raavi	Moraceae
237	<i>Ficus hispida</i> Linn.	Bodda	Moraceae
238	<i>Streblus asper</i> Lour	Barinka	Moraceae
239	<i>Crinum asiaticum</i> Linn.		Amaryllidaceae
240	<i>Crinum defixum</i> Ker.		Amaryllidaceae
243	<i>Zephyranthus carinata</i> Herb.		Amaryllidaceae
244	<i>Asparagus racemosus</i> Willd.	Sathamuli / Pilli Thigala	Lilaceae
245	<i>Cordyline fruticosa</i> Goep.	Gandhi Croton	Liliaceae

246	Dracaena terminalis wt.		Liliaceae
247	Gloriosa superba Linn.	Naabhi	Liliaceae
248	Aloe vera (Linn.) Burn. f.	Kalabanda	Agavaceae
249	Sansevieria roxburghiana Sehult. & Sehult.f.		Agavaceae
250	Commelina benghalensis Linn.		Commelinaceae
251	Rhoeo discolor		Commelinaceae
252	Borassus flabellifer Linn.	Thati	Arecaceae
253	Phoenix sylvestris (Linn.) Roxb.	Eetha	Arecaceae
254	Caladium bicolor (Alt) Vent.		Araceae
255	Cyperus esculentus Linn.	Tunga	Cyperaceae
256	Apluda mutica Linn.		Poaceae
257	Cynodon dactylon (Linn.) Pers	Garika Gaddi	Poaceae
258	Dactyloctenium aegyptium (Linn.) P.Beauv.		Poaceae
259	Aristida funiculata Trin. & Rvpr.	Cheepuru Gaddi	Poaceae Trin. Rupr.
260	Perotis indica (Linn.) O. Ktze		Poaceae

Conclusion

We conclude that the Flora of A.M.A.L.College, Anakapalle. I made a humble attempt on this survey on the wealth of Floristic components in Anakapalle. This type of study has prominence in focusing the available Botanical data of that particular area. In addition it helps in protecting the endangered species of this area.

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