

## FLORA OF SATYANARAYANA SWAMY HILL, ANAKAPALLE, VISAKHAPATNAM DISTRICT, ANDHRA PRDEESH

**Dr. G.JAYA BABU**

Associate Professor

Department of Botany

Principal (FAC)

A.M.A.L. College

Anakapalle, Visakhapatnam

Andhra Pradesh, INDIA

### ABSTRACT

*Summary of the flora of Sri Satyanarayana Swamy Hill, Anakapalle. Basically that hill has very rich in vegetation that to deciduous forest type plants predominantly. The Present work is undertaken to summarise with detailed observations on the wealth of floristic components and it has prominence in focusing available flora in that particular area and also it may helps to identify the rare plants.*

**KEY WORDS:** *Anakapalle, Deciduous, Floristic and Rare plants.*

### INTRODUCTION

The Sri Satyanarayana Swamy Hill, Anakapalli, Visakhapatnam District. Derived the name with The Lord Sri Satyanarayana Swamy.

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 Sri Satyanarayana Swamy Hill. 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 identify 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, Flora of Andhra Pradesh, Further verification was made by authentic herbaria available at A.M.A.L. College (Dept. of Botany) an 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.

### ENUMERATION OF DIFFERENT SPECIES

S. No	Botanical (Scientific) Name of the Plant	Local Name	Name of the Family
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1	<i>Michelia champaca</i> Linn.	Simhachala Sampenga	Magnoliaceae
2	<i>Annona reticulata</i> Linn.	Ramaphalam	Annonaceae
3	<i>Annona squamosa</i> Linn.	Sithaphalam	Annonaceae
4	<i>Cissampelos pereira</i> Linn.	Visha Boddi	Menispermaceae
5	<i>Cocculus hirsutus</i> (Linn) Diels	Dusara Tiga	Menispermaceae
6	<i>Tiliacora racemosa</i> Colebr	Kappa Tiga	Menispermaceae
7	<i>Tinospora cardifolia</i> (wild) Mier ex, Hook.F. & Thoms	Tippa Tiga	Menispermaceae
8	<i>Cleome viscosa</i> Linn.	Vaminta	Capparidaceae
9	<i>Hybanthus enneaspermus</i> Linn.	Ratna Purusha	Violaceae
10	<i>Portulaca quadrifida</i> Linn.	Sanna Pappukura	Portulacaceae
11	<i>Abutilon indicum</i> (Linn.) Sweet in Hort	Tuthura Benda	Malvaceae
12	<i>Hibiscus micranthus</i> Linn.	Nityamalli	Malvaceae
13	<i>Hibiscus vitifolius</i> Linn.		Malvaceae
14	<i>Malvastrum coromandelianum</i> Linn. Graeke		Malvaceae
15	<i>Pavonia zeylanica</i> Car	Karu Bendra	Malvaceae
16	<i>Sida cordata</i> Burm. F. Borssum	Gayapaaku	Malvaceae
17	<i>Sida cordifolia</i> Linn.	Chiru Benda	Malvaceae
18	<i>Sida rhombifolia</i> Linn.	Ma Illu Manikayam	Malvaceae
19	<i>Urena lobata</i> Linn.	Nalla Benda	Malvaceae
20	<i>Melochia corchorifolia</i> Linn.		Sterculiaceae
21	<i>Triumphetta rhomboidea</i> Jacq.		Tiliaceae
22	<i>Waltheria indica</i> Linn.		Tiliaceae
23	<i>Tribulus terrestris</i> Linn.	Palleru	Zygophyllaceae

24	<i>Aegle marmelus</i> (Linn.) Correa	Maredu	Rutaceae
25	<i>Glycosmis pentaphylla</i> (Retz) Correa	Golugu	Rutaceae
26	<i>Azadirachta indica</i> A.Juss.	Vepa	Meliaceae
27	<i>Zizypus oenoplia</i> (Linn) Mill.	Pulla Regu (Parimi)	Rhamnaceae
28	<i>Cissus pedata</i> Lamark		Vitaceae
29	<i>Cissus quadrangularis</i> Linn.	Nalleru	Vitaceae
30	<i>Allophyllus cobbe</i> (Linn.) Reswsch		Sapindaceae
31	<i>Dodonea viscosa</i> (Linn.) Jacq.		Sapindaceae
32	<i>Sapindus emarginatus</i> Vahl.	Kunkude	Sapindaceae
33	<i>Mangifera indica</i> Linn.	Mamidi	Anacardiaceae
34	<i>Abrus precatorius</i> Linn.	Guruvinda	Fabaceae
35	<i>Alysicarpus monilifer</i> (Linn.) D.C		Fabaceae
36	<i>Butea monosperma</i> (lam.) Taub.	Moduga/Flame of the Froest	Fabaceae
37	<i>Clitoria ternatea</i> Linn.	Shankupushpam	Fabaceae
38	<i>Desmodium gangeticum</i> (Linn. ) D.C.	Kola Panna	Fabaceae
39	<i>Desmodium triflorum</i> (Linn) D.C.	Muntamandu	Fabaceae
40	<i>Indigofera hirsuta</i> Linn.	Kola Patitilu	Fabaceae
41	<i>Indigofera trifoliata</i> Linn.		Fabaceae
42	<i>Mucuna pruriens</i> (Linn.) D.C.	Durada Gondi	Fabaceae
43	<i>Tephrosia purpurea</i> (Linn) Pers.	Vempali	Fabaceae
44	<i>Tephrosia hirta</i> Buch - Ham	Nugu Vempali	Fabaceae
45	<i>Teramnus labialis</i> (Linn.) F Spreng		Fabaceae
46	<i>Cassia auriculata</i> Linn.	Nela Tangedu	Caesalpinaceae

47	<i>Cassia fistula</i> Linn.	Rela	Caesalpinaceae
48	<i>Cassia occidentalis</i> Linn.	Coffee Senna Kasinta	Caesalpinaceae
49	<i>Cassia tora</i> Linn.	Dasara Aaku	Caesalpinaceae
50	<i>Delonix regia</i> (Hook) Raf	Yerra Sunkesula	Caesalpinaceae
51	<i>Tamarindus indica</i> .Linn.	Chinta	Caesalpinaceae
52	<i>Acacia auriculiformis</i> A. Cunn. Ex. Benth		Mimosaceae
53	<i>Acacia caesia</i> (Linn) WT & ARN.	Korintha	Mimosaceae
54	<i>Acacia leucophloea</i> (Roxb.) Wild	Tella Thumma	Mimosaceae
55	<i>Albezia lebeck</i> (Linn.) Benth	Dirisina	Mimosaceae
56	<i>Mimosa pudica</i> Linn.	Atthapatthi	Mimosaceae
57	<i>Prosopis juliflora</i> D.C.	Kanchi Thumma	Mimosaceae
58	<i>Samanea saman</i> (Jacq) Merr	Nidraganneru	Mimosaceae
59	<i>Coccinia grandis</i> (Linn) Voigt In Hort	Kaki Donda	Cucurbitaceae
60	<i>Corollocarpus epigaeus</i> Benth		Cucurbitaceae
61	<i>Mukia scabrella</i> Arn		Cucurbitaceae
62	<i>Alangium salvifolium</i> (Linn. F) Wauger	Ooduga	Alangiaceae
63	<i>Borreria hispida</i> (Linn) K. Schunn.	Madana	Rubiaceae
64	<i>Canthium parviflorum</i> Lamk.	Balusu	Rubiaceae
65	<i>Ixora parviflora</i> vahl.		Rubiaceae
66	<i>Morinda tinctoria</i> Roxb.	Togaru	Rubiaceae
67	<i>Pavetta indicca</i> Linn.	Papidi	Rubiaceae
68	<i>Acanthospermum hispidum</i> D.C		Asteraceae
69	<i>Emilia sonchifolia</i> (Linn.) D.C.		Asteraceae

70	<i>Eupatorium odoratum</i> Linn.	Kampurodda	Asteraceae
71	<i>Gnaphalium indicum</i> Linn.		Asteraceae
72	<i>Grangea maderaspatana</i> (Linn.) Poir		Asteraceae
73	<i>Lagascea mollis</i> Cav.		Asteraceae
74	<i>Spilanthes paniculata</i> Wall ex. D.C.		Asteraceae
75	<i>Synedrella axilaris</i>		Asteraceae
76	<i>Vernonia cinerea</i> (Linn.) Less.		Asteraceae
77	<i>Plumbago zeylanica</i> Linn.	Chaitramulam	Plumbaginaceae
78	<i>Carissa carandus</i> Linn.	Peddavakakaya	Apocynaceae
79	<i>Catharanthus roseus</i> (Linn.) D.C.	Billaganneru	Apocynaceae
80	<i>Holarihena antidyscentrica</i> (Roth.) Wall ex. ADC	Pala	Apocynaceae
81	<i>Plumaria alba</i> Linn.	Deva kanchanamu	Apocynaceae
82	<i>Nerium odorum</i> Ait	Ganneru	Apocynaceae
83	<i>Tabernaemontana divaricata</i> (Linn.) R.Br.	Nandivardanam	Apocynaceae
84	<i>Thevitea nerifolia</i> Juss.	Pachaganneru	Apocynaceae
85	<i>Wrightia tinctoria</i> (Roxb.) R.Br.	Ankudu	Apocynaceae
86	<i>Calotropis gigantea</i> (Linn.) R.Br.	Jilledu	Asclepiadaceae
87	<i>Hemidesmus indicus</i> R.Br.	Sugandhipala	Asclepiadaceae
88	<i>Tylophora indica</i> (Burm.f) Merrile	Kakapala	Asclepiadaceae
89	<i>Envolvulus nummularius</i> (Linn.) Linn.	Vishnukantha	Convolvulaceae
90	<i>Ipomoea cornea</i> Jacq.	Radiotuppa/Thuti	Convolvulaceae
91	<i>Ipomoea sepiarea</i> Koen.		Convolvulaceae

92	<i>Ipomoea obscura</i> K.Gawl		Convolvulaceae
93	<i>Merremia tridentata</i> (Linn.) Hall.f		Convolvulaceae
94	<i>Cuscuta reflexa</i> Roxb.	Suraputiga	Convolvulaceae
95	<i>Datura metal</i> Linn.	Vummetha	Solanaceae
96	<i>Physalis minima</i> Linn.	Budda Burasa	Solanaceae
97	<i>Solanum nigrum</i> Linn.	Kamanchi	Solanaceae
98	<i>Solanum zanthocarpum</i>	Vakudu	Solanaceae
99	<i>Scoparia dulcis</i> Linn.		Scrophulariaceae
100	<i>Tecoma stans</i> (Linn.) Juss.		Bignoniaceae
101	<i>Martymia diandra</i> Gloxion	Telukondi	Pedaliaceae
102	<i>Pedaliium murex</i> Linn.	Enugu Palleru	Pedaliaceae
103	<i>Andrographis echioides</i> (Linn.) Nees.		Acanthaceae
104	<i>Andrographis Paniculata</i> (Burn. F) Nees.	Nelavemu	Acanthaceae
105	<i>Asystacia gangetica</i> (Linn.) T.Anders.		Acanthaceae
106	<i>Barleria longiflora</i>		Acanthaceae
107	<i>Barleria prionotis</i> Linn.	Gobbi	Acanthaceae
108	<i>Blepharis maderaspatensis</i> (Linn.) Heyne ex Roth		Acanthaceae
109	<i>Blepharis repens</i> (Vahi) Roth.		Acanthaceae
110	<i>Depteracanthus prostaratus</i> (Poir) Nees.		Acanthaceae
111	<i>Elytraria acaulis</i> (Linn.f) Lindan.		Acanthaceae
112	<i>Justicia glauca</i> Rotter.		Acanthaceae
113	<i>Justicia Procumbens</i> Linn.		Acanthaceae

114	<i>Clerodendron fragrans</i> R.Br.		Verbenaceae
115	<i>Clerodendron infortunatum</i> Linn.		Verbenaceae
116	<i>Duranta repens</i> Jacq.		Verbenaceae
117	<i>Lantana camera</i> Linn.		Verbenaceae
118	<i>Anisochilus camosus</i> (Linn.) wall.		Lamiaceae
119	<i>Hyptis suaveolens</i> (Linn.) Poit.		Lamiaceae
120	<i>Lecuas aspera</i> (Wild) Link.		Lamiaceae
121	<i>Ocimum sanctum</i> Linn.	Tulasi	Lamiaceae
122	<i>Nyctanthus arbor-tristis</i> Linn.	Parijatham	Nyctaginaceae
123	<i>Achyranthes aspera</i> Linn.	Vuttareni	Amaranthaceae
124	<i>Aerva lanata</i> (Linn.) Juss.	Konda Pindi kura	Amaranthaceae
125	<i>Allamania nodiflora</i> (Linn.) R.Br.		Amaranthaceae
126	<i>Amaranthus spinosus</i> Linn.	Mullathota kura	Amaranthaceae
127	<i>Gomphrena decumbens</i> Jacq.		Amaranthaceae
128	<i>Pupalia atropurpurea</i> (Lamak) Moqs		Amaranthaceae
129	<i>Pupalia leppacia</i> Linn. Juss.		Amaranthaceae
130	<i>Aristolochia bracteolata</i> Lamak.		Aristolochiaceae
131	<i>Aristolochia indica</i> Linn.	Eswari	Aristolochiaceae
132	<i>Cassytha filiformis</i> Linn.	Seethamma Savaralu	Lauraceae
133	<i>Dendrophthoe falcata</i> (Linn.f) Ettingh	Badanika	Loranthaceae
134	<i>Viscum monoiium</i> A.D.C		Viscaceae
135	<i>Acalypha indica</i> Linn.	Muripinda	Euphorbiaceae
136	<i>Acalypha lanceolata</i> Willd.		Euphorbiaceae

137	<i>Croton bonplandianum</i> Baill.	Galivana Thuppa	
138	<i>Euphorbia hirta</i> Linn.	Pachabotlu/Reddivari Nanabolu	Euphorbiaceae
139	<i>Jatropha glandulosa</i> Linn.	Nepalam	Euphorbiaceae
140	<i>Kirganelia reticulata</i> . Bail.	Purudu	Euphorbiaceae
141	<i>Chrozophora plicata</i> A. Juss.		Euphorbiaceae
142	<i>Micrococca mercurialis</i> (Linn.) Benth.		Euphorbiaceae
143	<i>Phyllanthus emblica</i> Linn.	Racha Vusiri	Euphorbiaceae
144	<i>Phyllanthus maderaspatensis</i> Linn.		Euphorbiaceae
145	<i>Phyllanthus amarus</i> Linn.	Nela Vusiri	Euphorbiaceae
146	<i>P. Virgatus</i> Forst.f.		Euphorbiaceae
147	<i>Sebastiania chamaelea</i> (Linn.) Muell		Euphorbiaceae
148	<i>Securinga leucopyrus</i> (Willd) Muell-Arg.		Euphorbiaceae
149	<i>Artocarpus integrifolla</i> Linn.	Panasa	Moraceae
150	<i>Ficus religiosa</i> Linn.	Raavi	Moraceae
151	<i>Ficus hispida</i> Linn.	Bodda	Moraceae
152	<i>Streblus asper</i> Lour.	Barinka	Moraceae
153	<i>Asparagus racemosus</i> Willd.	Sathamuli/pilli Thigala	Liliaceae
154	<i>Aloe vera</i> (Linn.) Burn. F.	Kalabanda	Agavaceae
155	<i>Sansevieria roxburghiana</i> Sehult. & Sehult. f.		Agavaceae
156	<i>Commelina benghalensis</i> Linn.		Commelinaceae
157	<i>Borassus flabellifer</i> Linn.	Thati	Arecaceae
158	<i>Phoenix sylvestris</i> (Linn.) Roxb.	Eetha	Arecaceae



159	Aristida funiculata Trin. & Rvpr.	Cheepuru Gaddi	Poaceae Trin. Rupr.
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### Conclusion

We conclude that the flora of Sri Satyanarayana Swamy Hill, Anakapalle. Basically that hill has very rich in vegetation that to deciduous forest type plants predominantly. The Present work is undertaken to summarise with detailed observations on the wealth of floristic components and it has prominence in focusing available flora in that particular area and also it may helps to identify the rare plants.

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