

**A checklist of vascular plants of Botanical
Garden, Sree Narayana College, Kollam**

Botanical Information Service (BIS) Report

June 2020



**Department of Botany
Sree Narayana College, Kollam**

Botanic gardens are well placed to educate the public on conservation issues and the human role in environmental change. Under the Convention of Biological Diversity, botanic gardens are committed to promoting education and awareness about plant diversity and the need for its conservation. The College has a well-maintained botanical garden (BGSNCK) which harbours various types of trees, medicinal & exotic plants. The present checklist (updated in 2020) consist 193 species of vascular plants, which includes 174 angiosperms, 3 pteridophytes & 2 gymnosperms. Among angiosperms, 64 species belonging to trees, and 81 spp. to exotic plants. Dominant families are Fabaceae (17 spp.), Euphorbiaceae 16 spp.). There are 29 species come under RET category. A green house is established at the middle of the garden with an air composting unit. There are 42 species of rare medicinal plants grown in the house. Major attraction of the botanical garden is an artificial forest ecosystem, which is maintained at the eastern side of the garden. Majority of the plants, especially woody plants, are digitally tagged with QR code, based on current botanical nomenclature system.

A checklist of vascular plants of Botanical Garden, Sree Narayana College, Kollam (BGSNCK)

Sl. No.	Botanical Name	Family	Malayalam Name	English Name	Habit
1	<i>Abrus precatorius</i> L.	Fabaceae	Kunni	Crab's eye	C
2	<i>Acalypha indica</i> L.	Euphorbiaceae	Kuppameni	Indian acalypha	H
3	<i>Adenanthera pavonina</i> L.#	Fabaceae	Manchaadi	Red wood	T
4	<i>Adenocalymna alliaceum</i> Miers.	Bignoniaceae	Vellullicheedi	Garlic vine	C
5	<i>Aegle marmelos</i> (L.) Correa	Rutaceae	Koovalam	Bael tree	T
6	<i>Aerva lanata</i> (L.) Juss. ex Schult.	Amaranthaceae	Cheroola	Polpala	H
7	<i>Aglaia elaeagnoidea</i> (A. Juss.) Benth.#	Meliaceae	Punyava		T
8	<i>Samania saman</i> F.Muell.#	Fabaceae	Mazhamaram	Cow tamarind	T
9	<i>Aloe vera</i> (L.) Burm. f.	Liliaceae	Kattarvazha	Aloe	H
10	<i>Alpinia calcarata</i> Rosc.	Zingiberaceae	Aratha	Lesser galangal	H
11	<i>Alstonia scholaris</i> (L.) R. Br.#	Apocynaceae	Ezhilamppala	Devil tree	T
12	<i>Anisomeles indica</i> (L.) Kuntze	Lamiaceae	Chadayan, Karithumba		H
13	<i>Anthurium andraeanum</i> Lind.	Araceae	Anthurium	Anthurium	H
14	<i>Aporosa cardiosperma</i> (Gaertn.) Merr.	Euphorbiaceae	Vetti		T
15	<i>Araucaria heterophylla</i> (Salisb.) Franco #	Araucariaceae		Star pine	T
16	<i>Artocarpus heterophyllus</i> Lam. #	Moraceae	Plavu	Jack Fruiting tree	T
17	<i>Artocarpus hirsutus</i> Lam.#	Moraceae	Aanjili, Ayani	Wild jack	T
18	<i>Asparagus racemosus</i> Willd.	Asparagaceae	Sathavari	Asparagus	C
19	<i>Azadirachta indica</i> A.Juss.	Meliaceae	Ariyaveppu	Neem	T
20	<i>Bambusa vulgaris</i> Schrad. #	Poaceae		Yello bamboo	S
21	<i>Barleria longiflora</i> L.f.	Acanthaceae			H
22	<i>Barringtonia asiatica</i> (L.) Kurz *	Lecythidaceae	Pezhu	Fish poison tree	T
23	<i>Beaucarnea recurvata</i> Lem.	Asparagaceae		Elephant's foot	S
24	<i>Boerhavia diffusa</i> L.	Nyctaginaceae	Thazhuthama	Hogweed	H
25	<i>Boerhavia erecta</i> L.	Nyctaginaceae		Spreading hogweed	H
26	<i>Bougainvillea spectabilis</i> Willd.	Nyctaginaceae	Boganvilla	Bougainvillea	C
27	<i>Bridelia retusa</i> (L.) A. Juss.#	Euphorbiaceae	Mulluvenga		T
28	<i>Calotropis gigantea</i> (L.) R. Br.	Asclepiadaceae	Erukku	Bowstring hemp	S
29	<i>Cananga odorata</i> (Lam.) Hook.f. &	Annonaceae	Langi-langi	Ylang ylang	T

	Thoms.#				
30	<i>Cardiospermum halicacabum</i> L.	Sapindaceae	Uzhinja	Winter cherry	C
31	<i>Cassia fistula</i> L. #	Fabaceae	Kanikonna	Indian laburnum	T
32	<i>Catharanthus pusillus</i> (Murr.) G. Don	Apocynaceae	Kapavila		H
33	<i>Catharanthus roseus</i> (L.) G. Don	Apocynaceae	Nithyakallyani	Periwinkle	H
34	<i>Cayratia pedata</i> (Lam.) A. Juss. ex Gagnep. var. <i>pedata</i>	Vitaceae			C
35	<i>Centella asiatica</i> (L.) Urb.	Apiaceae	Kodangal	Spadeleaf	H
36	<i>Centrosema molle</i> Benth.	Fabaceae	Kaattupayar		C
37	<i>Chamaesyce hirta</i> (L.) Millisp.	Euphorbiaceae	Aaduthinnaa pala	Asthma herb	H
38	<i>Chamaesyce thymifolia</i> (L.) Millisp.	Euphorbiaceae	Nilappala		H
39	<i>Chrysophyllum cainito</i> L. #	Sapotaceae	Swarna apple	Caimito	T
40	<i>Cinnamomum malabattrum</i> (Burm. f.) Blume #	Lauraceae	Edana		T
41	<i>Cinnamomum verum</i> Presl #	Lauraceae	Elavangam	Cinnamon	T
42	<i>Citharexylum spinosum</i> L. #	Verbenaceae	Parijaatham	Spiny fiddlewood	T
43	<i>Cleome burmannii</i> Wight & Arn.	Capparaceae	Kattukadugu		H
44	<i>Clerodendrum indicum</i> (L.) O. Ktze.	Verbenaceae		Bowing Lady	S
45	<i>Clitoria ternatea</i> L. var. <i>ternatea</i>	Fabaceae	Sankupushpum	Clitoria	C
46	<i>Codiaeum variegatum</i> (L.) A. Juss.	Euphorbiaceae	Kozhivalan	Croton	S
47	<i>Combretum indicum</i> (L.) DeFilipps #	Combretaceae	Keezhkkulachetty	Rangoon creeper	C
48	<i>Commelina benghalensis</i> L.	Commelinaceae	Vazhapadathi	Dayflower	H
49	<i>Commelina diffusa</i> Burm. f.	Commelinaceae		Creeping dayflower	H
50	<i>Cordyline fruticosa</i> (L.) A. Chev.	Agavaceae			S
51	<i>Costus pictus</i> D. Don ex Lindl.	Costaceae	Insulin chedi	Insulin plant	H
52	<i>Crataeva magna</i> (Lour.) DC. #	Capparaceae	Neermathalam	Tree leaved caper	T
53	<i>Crinum × amabile</i> Donn	Amaryllidaceae		Giant Spider Lily	H
54	<i>Croton bonplandianus</i> Baill.	Euphorbiaceae	Kodi aavanakku		H
55	<i>Croton hirtus</i> L'Herit.	Euphorbiaceae			H
56	<i>Cuphea hyssopifolia</i> Kunth	Lythraceae			H
57	<i>Cyanotis cristata</i> (L.) D. Don	Commelinaceae			H
58	<i>Cyathula prostrata</i> (L.) Blume	Amaranthaceae	Cherukadalaadi	Small prickly chaff flower	H
59	<i>Cyclea peltata</i> (Lam.) Hook. f. & Thoms.	Menispermaceae	Paadathali	Pata root	C
60	<i>Cymbopogon flexuosus</i> (Nees ex Steud.) Wats.	Poaceae	Inchipullu	Ginger Grass	H

61	<i>Cynodon dactylon</i> (L.) Pers.	Poaceae	Karukapullu	Bermuda grass	H
62	<i>Cyperus rotundus</i> L.	Cyperaceae	Kuzhimuthanga	Nut grass	H
63	<i>Datura metel</i> L.	Solanaceae	Ummam	Devils Weed	S
64	<i>Desmodium heterocarpon</i> (L.) DC. var. <i>heterocarpon</i>	Fabaceae	Nilathuvara	Asian Tick Trefoil	H
65	<i>Desmodium triflorum</i> (L.) DC.	Fabaceae	Cherupulladi		H
66	<i>Dianella tasmanica</i> Hook. f.	Liliaceae		Tasman Flax Lily	H
67	<i>Dipteracanthus prostratus</i> (Poir.) Nees	Acanthaceae	Velipadakkam		H
68	<i>Dracaena surculosa</i> Lindl. #	Dracaenaceae		Spotted Dracaena	S
69	<i>Drynaria</i> sp.	Polypodiaceae			H
70	<i>Duranta erecta</i> L.	Verbenaceae	Maanikyachempa zhukka	Pigeon Berry	S
71	<i>Dypsis lutescens</i> (Wendl.) Beentje & Dransf. #	Arecaceae	Manjapana	Yellow palm	S
72	<i>Eleusine indica</i> (L.) Gaertn.	Poaceae		Crab Grass	H
73	<i>Eleutheranthera ruderalis</i> (Sw.) Sch.-Bip.	Asteraceae			H
74	<i>Emilia sonchifolia</i> (L.) DC.	Asteraceae	Muyalchevian		H
75	<i>Euphorbia heterophylla</i> L.	Euphorbiaceae			H
76	<i>Euphorbia milli</i> Desmoul	Euphorbiaceae	Mulkireedam	Crown of Thorns	S
77	<i>Excoecaria cochinchinensis</i> Lour. #	Euphorbiaceae	Chinese croton		S
78	<i>Ficus</i> (unidentified) #	Moraceae			T
79	<i>Ficus benghalensis</i> L. var. <i>benghalensis</i> #	Moraceae	Peraal	Benyan tree	T
80	<i>Ficus benjamina</i> L. #	Moraceae	Vellaal	Java fig	T
81	<i>Ficus microcarpa</i> L. f. #	Moraceae	Ithi	Indian Laurel	T
82	<i>Ficus racemosa</i> L. #	Moraceae	Atthi	Cluster fig	T
83	<i>Ficus</i> sp.	Moraceae			T
84	<i>Garcinia gummi-gutta</i> (L.) Robs. var. <i>gummi-gutta</i> #	Clusiaceae	Kodampuli	Malabar Gamboge	T
85	<i>Gardenia resinifera</i> Roth	Rubiaceae		Brilliant gardenia	T
86	<i>Gmelina philippensis</i> Cham. #	Verbenaceae		Parrot's Beak	S
87	<i>Gomphrena celosoides</i> Mart.	Amaranthaceae			H
88	<i>Guazuma ulmifolia</i> Lam. #	Sterculiaceae	Bhadhraaksham	Bastard Cedar	T
89	<i>Hamelia patens</i> Jacq. #	Rubiaceae	Pavizha chetthi	Firecracker Plant	S
90	<i>Heliconia rostrata</i> Ruiz & Pavon	Heliconiaceae		Lobster Claw	H
91	<i>Hemidesmus indicus</i> (L.) R. Br. var. <i>indicus</i>	Periplocaceae	Nannaari	False sarsaparilla	C
92	<i>Hemigraphis repanda</i> (L.) Hall. f.	Acanthaceae		Dragons Tongue	H

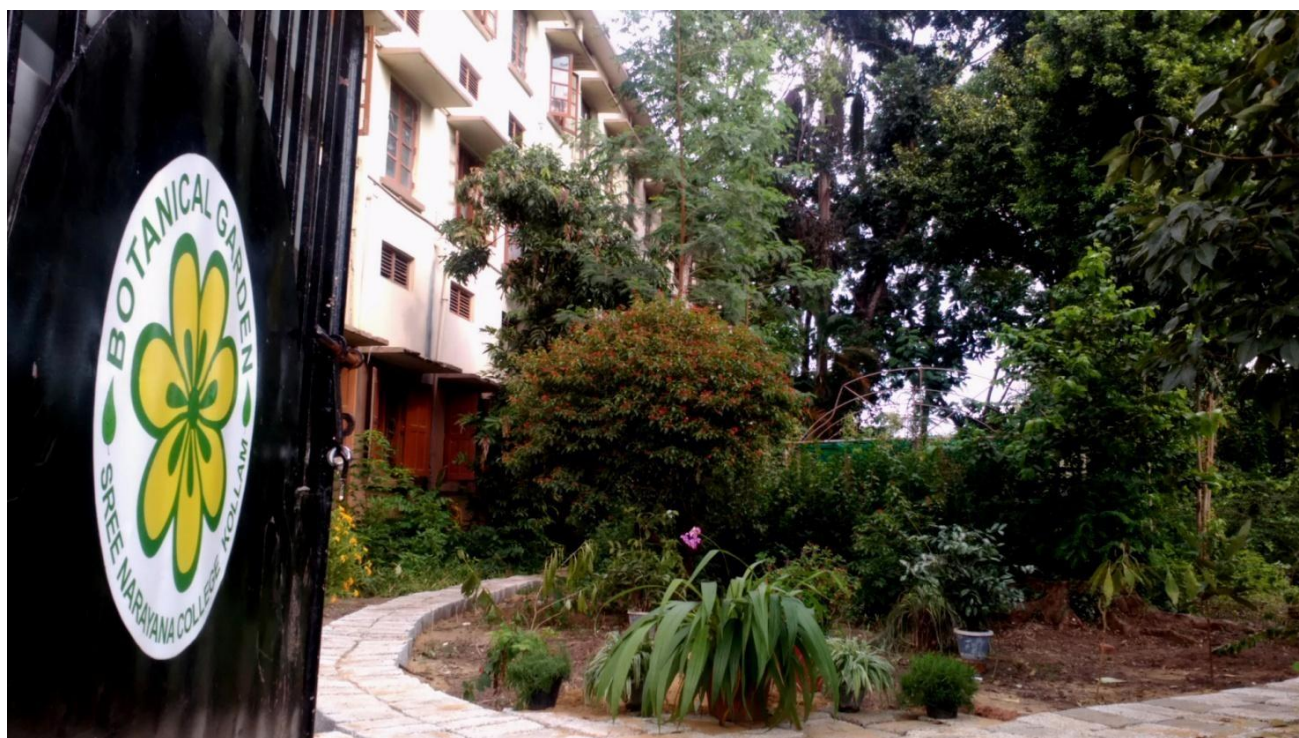
93	<i>Hibiscus rosa-sinensis</i> L. var. <i>rosa-sinensis</i>	Malvaceae	Chemparatthi	Chinese rose	S
94	<i>Hippeastrum vittatum</i> (L'Hér.) Herb.	Amaryllidaceae			H
95	<i>Homalocladium platycladum</i> (Hook.) L.H.Bailey	Polygonaceae		Tapeworm Plant	S
96	<i>Indigofera tinctoria</i> L.	Fabaceae	Neelayamari	Bengal indigo	H
97	<i>Indoneesiella echioides</i> (L.) Sreem.	Acanthaceae	Gopuramthangi		H
98	<i>Ixora congesta</i> Roxb.	Rubiaceae	Chetty		S
99	<i>Jasminum sambac</i> (L.) Ait.	Oleaceae	Mulla	Arabian jasmine	C
100	<i>Justicia gendarussa</i> Burm. f.	Acanthaceae	Vathamkolli	Warer willow	S
101	<i>Kopsia fruticosa</i> (Ker-Gawl.) A. DC. #	Apocynaceae		Pink Kopsia	S
102	<i>Kyllinga nemoralis</i> (J. R & G. Forst.) Dandy ex Hutch. & Dalzell	Cyperaceae	Mutthanga		H
103	<i>Lanea coromandelica</i> (Houtt.) Merr.#	Anacardiaceae	Uthi	Wodier	T
104	<i>Lantana camara</i> L. var. <i>camara</i>	Verbenaceae	Kongini	Lantana	S
105	<i>Laportea interrupta</i> (L.) Chew	Urticaceae	Anachorian		H
106	<i>Lawsonia inermis</i> L. #	Lythraceae	Mayilanchi	Henna plant	S
107	<i>Leea indica</i> (Burm. f.) Merr.	Leeaceae	Chorianthali	Bandicoot Berry	S
108	<i>Leucaena leucocephala</i> (Lam.) de Wit#	Fabaceae	Sibabul	Lead tree	T
109	<i>Leucas aspera</i> (Willd.) Link	Lamiaceae	Thumba	Thumba	H
110	<i>Lygodium</i> sp.	Lygodiaceae			C
111	<i>Mangifera indica</i> L. #	Anacardiaceae	Mavu	Mango tree	T
112	<i>Manilkara zapota</i> (L.) P.Royen #	Sapotaceae	Sapota	Chiku	T
113	<i>Maranta arundinacea</i> L.	Marantaceae	Koovva	Arrow root	H
114	<i>Meiogyne ramarowii</i> (Dunn) Gandhi #	Annonaceae	Panthalmaram		T
115	<i>Microstachys chamaelea</i> (L.) Muell.-Arg.	Euphorbiaceae	Kodiyavannakku		H
116	<i>Mimusops elengi</i> L. #	Sapotaceae	Elangi	Asian bullet wood	T
117	<i>Mollugo pentaphylla</i> L.	Aizoaceae	Parpadakapullu		H
118	<i>Mukia maderaspatana</i> (L.) Roem.	Cucurbitaceae	Mukkaaperam		C
119	<i>Murraya paniculata</i> (L.) Jack. #	Rutaceae	Naaragamulla	Honey bush	S
120	<i>Myristica malabarica</i> Lam. #	Lauraceae	Pasupasi	Malabar nutmeg	T
121	<i>Nyctanthes arbor-tristis</i> L.	Nyctanthaceae	Pavizhamalli	Tree of Sorrow	T
122	<i>Ochna integerrima</i> (Lour.) Merr. #	Ochnaceae		Mickey Mouse plant	S
123	<i>Ocimum tenuiflorum</i> L.	Lamiaceae	Krishnathulasi	Sacred basil	S
124	<i>Oldenlandia corymbosa</i> L.	Rubiaceae	Onathumba		H

125	<i>Oldenlandia umbellata</i> L.	Rubiaceae	Chayaveru		H
126	<i>Olea dioica</i> Roxb. #	Oleaceae	Karivetti		T
127	<i>Osmoxylon lineare</i> (Merr.) Philipson #	Araliaceae		Miagos bush	S
128	<i>Oxalis corniculata</i> L.	Oxalidaceae	Puliyarila	Inda	H
129	<i>Passiflora foetida</i> L. var. <i>foetida</i>	Passifloraceae	Ammummapazham	Fetid passion flower	C
130	<i>Pedilanthus tithymaloides</i> (L.) Poir.	Euphorbiaceae		Devil's backbone	S
131	<i>Pentas lanceolata</i> (Forssk.) Deflers	Rubiaceae	Sadhaabi	Star cluster	S
132	<i>Peperomia pellucida</i> (L.) Kunth	Piperaceae	Chinkalam		H
134	<i>Phoenix roebelenii</i> O'Brien #	Arecaceae		Pygmy date palm	S
135	<i>Phyllanthus amarus</i> Schum. & Thonn.	Euphorbiaceae	Keezharnelli	Phyllanthus	H
136	<i>Pilea microphylla</i> (L.) Liebm.	Urticaceae		Artillery Plant	H
137	<i>Piper longum</i> L.	Piperaceae	Thippali	Long pepper	C
138	<i>Piper nigrum</i> L. var. <i>nigrum</i>	Piperaceae	Kurumulaku	Black pepper	C
139	<i>Pistia stratiotes</i> L.	Araceae	Aakasathaamara	Nile cabbage	H
140	<i>Plectranthus amboinicus</i> (Lour.) Spreng.	Lamiaceae	Panikoorka	Indian borage	h
141	<i>Plectranthus scutellarioides</i> (L.) R. Br.	Lamiaceae	Murukkithuppi		S
142	<i>Polyalthia korintii</i> (Dunal) Benth. & Hook.f. ex Hook.f. & Thoms. #	Annonaceae	Karuvalli		S
143	<i>Polyalthia longifolia</i> (Sonn.) Thwaites #	Annonaceae	Aranamaram	Telegraph pole tree	T
144	<i>Polyscias fruticosa</i> (L.) Harms	Araliaceae		Ming Aralia	S
145	<i>Pongamia pinnata</i> (L.) Pierre	Fabaceae	Ungu	Hongay oil tree	T
146	<i>Pouzolzia zeylanica</i> (L.) Bennett	Urticaceae	Kallurukki		H
147	<i>Premna serratifolia</i> L. #	Verbenaceae	Munja, Kozhichedi	Headache tree	S
148	<i>Psydrax dicoccos</i> Gaertn. var. <i>dicoccos</i>	Rubiaceae	Irumbarappan		T
149	<i>Pterospermum rubiginosum</i> Heyne ex Wight & Arn.	Sterculiaceae	Ellooti		T
150	<i>Punica granatum</i> L. #	Punicaceae	Mathalanaregam	Pomegranate	S
151	<i>Putranjiva roxburghii</i> Wall. #	Euphorbiaceae	Ponkalam	Officinal Drypetes	T
152	<i>Pyrrhosia</i> sp.	Polypodiaceae			C
153	<i>Raphis excelsa</i> (Thunb.) A.Henry	Arecaceae		The lady palm	S
154	<i>Rauvolfia tetraphylla</i> L.	Apocynaceae	Pambumkolli	Garden Rauvolfia	S
155	<i>Richardia scabra</i> L.	Rubiaceae		False ipecac	H

156	<i>Ricinus communis</i> L. #	Euphorbiaceae	Aavannakku	Castor oil plant	S
157	<i>Ruellia tuberosa</i> L.	Acanthaceae		Minnieroot	H
158	<i>Ruta chalepensis</i> L.	Rutaceae	Arootha	Herb of grace	H
159	<i>Sansevieria cylindrica</i> Bojer ex Hook.	Dracaenaceae	Ammayi- ammayude urunda naaku	Cylindrical Snake Plant	H
160	<i>Sansevieria roxburghiana</i> Schult. & Schult. f.	Dracaenaceae	Ammayi- ammayude naaku	Indian bow string hemp	H
161	<i>Sansevieria trifasciata</i> Prain	Dracaenaceae		Mother-in-law's tongue	H
162	<i>Saraca asoca</i> (Roxb.) Willd #	Fabaceae	Ashokam	Asoka tree	T
163	<i>Saribus rotundifolius</i> (Lam.) Blume	Arecaceae		Footstool palm	T
164	<i>Sauropus androgynus</i> (L.) Merr.	Euphorbiaceae	Elakeera		S
165	<i>Schefflera arboricola</i> (Hayata) Merr. #	Araliaceae		Hawaiian Dwarf Umbrella	S
166	<i>Scoparia dulcis</i> L.	Scophulariaceae	Kallurukki	Sweet broomweed	H
167	<i>Selaginella</i> sp.	Selaginellaceae			H
168	<i>Setaria palmifolia</i> (Schult.) Kunth	Poaceae			H
169	<i>Sida cordata</i> (Burm. f.) Borss.	Malvaceae	Vallikurunthotti		H
170	<i>Solanum americanum</i> Mill.	Solanaceae	Manithakkali	Apple of Sodom	H
171	<i>Solanum torvum</i> Sw.	Solanaceae	Anachunda	Devil's Fig	S
172	<i>Spathodea campanulata</i> P. Beauv. #	Bignoniaceae	Thaneerkaimaram	Scarlet-bell tree	T
173	<i>Spathoglottis plicata</i> Blume	Orchidaceae		Malayan ground orchid	H
174	<i>Spermacoce latifolia</i> Aubl.	Rubiaceae	Vellathaaravu		H
175	<i>Spermacoce ocymoides</i> Burm.f.	Rubiaceae	Tharakeera		H
176	<i>Spermacoce remota</i> Lam.	Rubiaceae			H
177	<i>Swietenia macrophylla</i> King #	Meliaceae	Mahogani		T
178	<i>Synedrella nodiflora</i> (L.) Gaertn.	Asteraceae	Appa	Synedrella	H
179	<i>Syngonium podophyllum</i> Schott.	Araceae			C
180	<i>Syzygium cumini</i> (L.) Skeels var. <i>cumini</i> #	Myrtaceae	Njaaval	Black plum	T
181	<i>Tectona grandis</i> L. f. #	Verbenaceae	Thekku	Teak	T
182	<i>Terminalia bellirica</i> (Gaertn.) Roxb. #	Combretaceae	Thanni	Belliric myrobalan	T
183	<i>Terminalia catappa</i> L. #	Combretaceae	Thalli-thenga	Indian almond tree	T
184	<i>Tiliacora acuminata</i> (Poir.) Miers ex Hook.f. & Thoms.	Menispermaceae	Vallikaanjiram		C
185	<i>Tinospora cordifolia</i> (Willd.) Miers.	Menispermaceae	Chitamruthu	Moon creeper	C

186	<i>Tradescantia spathacea</i> Sw.	Commelinaceae		Boat lily, Rheo	H
187	<i>Trianthema portulacastrum</i> L.	Aizoaceae			H
188	<i>Tridax procumbens</i> L.	Asteraceae	Kumminippacha,	Coat-button	H
189	<i>Turnera subulata</i> Sm.	Turneraceae			H
190	<i>Vernonia cinerea</i> (L.) Less.	Asteraceae	Puvankurunnila	Ash colored fleabane	H
191	<i>Vitex leucoxydon</i> L. f.	Verbenaceae	Vellanochi		T
192	<i>Zamia furfacea</i> #	Cycadaceae			S
193	<i>Zingiber zerumbet</i> (L.) J.E. Smith	Zingiberaceae	Kattinchi	Shampoo Ginger	H

T - Tree; S - Shrub; H – Herb * Cover page species # Digital Tagging with QR Code



Renovated BGSNCK in October 2016

Prepared by **Dr Kiranraj M.S**, Assistant Professor in Botany

Published by

Dr R. Sunilkumar, Principal

&

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