

Journal homepage: www.sciencearchives.org

ISSN: 2582-6697



Original Research Article

http://dx.doi.org/10.47587/SA.2021.2107

A preliminary exploration of Kudumulavari palli vascular flora, Peddamandyam mandal, Chittoor district, Andhra Pradesh, India

Paradesi Anjaneyulu

Biodiversity Conservation Division Lab, Department of Botany, Sri Krishnadevaraya University, Ananthapuramu, Andhra Pradesh, India, *Corresponding author: bcdanji@gmail.com Received: Feb 15, 2021 / Revised: Mar 15, 2021/ Accepted: Mar 19, 2021

Abstract

In the present investigation, 100 vascular plants were deeply explored and recorded from the surroundings of Kudumulavari palli. The assessment was done by covering different habitats; and provided detailed information with Scientific name, Family, Habit, Habitat, Abundance, and associate plants along with pictorial evidence.

Keywords Kudumulavari palli, Vascular flora and Exploration

Introduction

The floristic explorations will provide information about the updated nomenclature, abundance, and distribution; and have the paramount importance in understanding the plant diversity, helpful in identifying the source for different products like medicine, fibre, gums, etc., the plants are a source of food, shelter clothing, and medicine which are the basic need for the existence of human beings on the planet; Flora is key components of the global ecosystem, are now severe threat due to over-exploitation by human activities urbanization and industrialization, etc., The natural wealth of forests are depleting at an alarming rate accompanied the species loss, resulting in an imbalance of natural environment. In this contest, there is an urgent need for exploration and documentation of plant resources for the social, economic, and cultural growth of any country (Pullaiah et al. 2018).

Explored and collected plants intensively throughout the presidency including Telugu speaking districts and specimens were housed in K, CAL, MH, and DD; and wrote the "Flora of Presidency of Madras"(Gamble et al. 1915-1935).

Exploration of flora by plant taxonomists is proverbial throughout the world to have information about the plants. Flora is a compilation of all plant species

growing in any geographic area. Through these floristic studies, valuable data is recorded which could be used as a reference for future studies. Floristic studies are helpful in the proper identification of plant-wealth for their utilization on a scientific and systematic basis. The identification of local plants along with the description of an area is very important because it can show specific species of the local area and their occurrence, growing season, species hardness, distinct species, finding new species and the effect of climatic conditions like drought and overgrazing on vegetation. The study of floristic composition of the vegetation is crucial for conservation management and the ecologically sustainable management of natural resources that provides the starting point for more detailed study. It aids in the identification and correct naming of species, essential biodiversity estimates and biogeographic resources for studies. Furthermore, this information provides important public outreach and fundamental information to use in addressing the biodiversity crisis. Floristic study and assessments are necessary to understand the diversity present diversity status and conservation of biodiversity. importance Floristic studies acquire increasing in recent years in response to the need of developing

and under developing countries to assess their plant wealth (Siddique et al. 2014)

Methodology

All plants are identified with Flora of Presidency of Madras, Flora of Andhra Pradesh, Trees of Andhra Pradesh through

their habit and habitat information and with their photographs; and recorded information about Scientific name, Family, Habit, Habitat, Abundance and with their associate plants (Table-1; Plate-1; Plate-2; Plate-3; Plate-4; Plate-5; Plate-6; Plate-7; Plate-8; Plate-9; Plate-10; Plate-11)

Table 1 Enumeration list of vascular plants

S.						
No.	Scientific Name	Family	Habit	Habitat	Abundance	Associate Plants
		e e e e e e e e e e e e e e e e e e e		Among rocks of		
1	Acalypha scabrosa Sw.	Euphorbiaceae	Shrub	mounds	Occasional	Cymbopogon caesius
	Ageratum conyzoides					
2	L.	Asteraceae	Herb	Along water bodies	Occasional	Cyanotis axillaris
	Alangium salviifolium			Along streams and		
3	(L.f.) Wangerin	Cornaceae	Tree	fields	Rare	Borasus flabellifer
	Andrographis					
	serpyllifolia (Rottler ex					
4	Vahl) Wight	Acanthaceae	Herb	Forest peripheries	Rare	Oldelandia umbellate
				Along bunds of fields		
5	Ariatida antanan Data	Desses	Harb	and other sun exposing	Common	C
5	Aristida setacea Retz. Azadirachta indica	Poaceae	Herb	areas of hills Fields and forest	Common	Cymbopogon caesius
6	A.Juss.	Fabaceae	Tree	outskirts streams	Common	Phoenix sylvestris
		1 40 40 0 40	1100	Fields and forest	Common	Phyllanthus
7	Boerhavia diffusa L.	Nyctaginaceae	Herb	peripheries	Common	maderaspatanus
8	Borassus flabellifer L.	Arecaceae	Tree	Along canals	Occasional	Phoenix sylvestris
0	Calotropis gigantea	1110000000		Fields and forest		
9	(L.) W.T.Aiton	Apocynaceae	Shrub	peripheries	Common	Lantana camera
	Caralluma adscendens			Wastelands and forest		Catunaregum
10	(Roxb.) Haw.	Apocynaceae	Shrub	outskirts	Rare	spinosa
	~ · · · ·		<i>.</i>	Fields and Forest		-
11	Carissa spinarum L.	Apocynaceae	Shrub	outskirts	Occasional	Lantana camera
12	<i>Cascabela thevetia</i> (L.) Lippold	Anogunggaga	Shrub	Along conols	Rare	Catunaregum spinosa
		Apocynaceae		Along canals		
13	Cassia fistula L.	Fabaceae	Tree	An hill slopes	Occasional	Canthium dicoccum
	Catunaregam spinosa					
14	(Thunb.) Tirveng.	Rubiaceae	Shrub	Forest outskirts	Common	Flacourtia indica
15	Chloris barbata Sw.	Poaceae	Herb	In Fields	Common	Commelina undulate
15	Shoris burbutu Siv.	1 Ouccue	11010	Bunds of fields,	Common	
	Chrysopogon fulvus			Wastelands and sun		Lophopogon
16	(Spreng.) Chiov.	Poaceae	Herb	exposing rocky hills	Common	tridentatus
	Cissus quadrangularis					
17	L.	Vitaceae	Climber	Forest outskirts	Occasional	Flacourtia indica
10	<i>C</i> 1	Class		Along human	Gam	
18	Cleome gynandra L.	Cleomaceae	Herb	habitations and fields	Common	<i>Cleome monophylla</i> <i>Perotis indica</i> and
						Spermacoce
19	Cleome monophylla L.	Cleomaceae	Herb	In Fields	Occasional	articualaris
				Along human		
20	Cleome viscosa L.	Cleomaceae	Herb	habitations and fields	Common	Tephrosia purpurea
	Coccinia grandis (L.)			Along human		
21	Voigt	Cucurbitaceae	Climber	habitations and streams	Occasional	Cryptostegia grandis
	Combretum					Pterolobium
22	ovalifolium Roxb. ex	Combretaceae	Liana	Hill slopes	Occasional	hexapetalum
<u> </u>	oranjonani Rozo. Cz	combretaceae	Liana	init stopes	Occusional	пслиренини

	G.Don					
	Commelina undulata					
23	R.Br.	Commelinaceae	Herb	In Fields	Common	Cholris barbata
24	Crinum latifolium L.	Amaryllidaceae	Herb	Among rocks of mounds and hills	Rare	Senna monatana
25	Crotalaria hebecarpa (DC.) Rudd	Fabaceae	Herb	Forest outskirts	Occasional	Andrographis serpilifolia
	Crotalaria paniculata					
26	Willd. Cryptostegia	Fabaceae	Herb	Forest peripheries	Occasional	Tephrosia purpurea
27	grandiflora Roxb. ex R.Br.	Apocynaceae	Straggler	Along streams and embakment of ponds	Occasional	Lantana camera
28	<i>Cyanotis axillaris</i> (L.) D.Don ex Sweet	Commeliaceae	Herb	In fields	Occasional	Phyllanthus maderaspatanus
	Cyanthillium albicans					
29	(DC.) H.Rob.	Asteraceae	Herb	On hills and slopes	Occasional	Sida cordata
30	Cycas sphaerica Roxb. Dalbergia lanceolaria	Cycadaceae	Palm	On high elevation hills	Rare	Cymbopogon caesius
31	subsp. <i>paniculata</i> (Roxb.) Thoth	Fabaceae	Tree	Forest peripheries and on hills	Occasional	Azadirachta indica
32	Datura innoxia Mill.	Solanaceae	Herb	Wastelands	Common	Tephrosia purpurea
33	<i>Dendrophthoe falcata</i> (L.f.) Ettingsh.	Loranthaceae	Epiphytic shrub	Along streams	Occasional	<i>Catunaregum</i> spinosa and Pongamia pinnata
34	Dichrostachys cinerea (L.) Wight & Arn.	Fabaceae	Tree	Forest outskirts	Occasional	Lantana camera
35	Dodonaea viscosa Jacq.	Sapindaceae	Shrub	Forest peripheries and on rocky hills	Common	Senna monatana
36	<i>Eclipta prostrata</i> (L.) L.	Asteraceae	Herb	Along water bodies	Common	Phyllanthus maderaspatanus
	Epaltes divaricata					Polycarpon
37	Cass. Eriocaulon	Asteraceae	Herb	Along water bodies	Rare	prostratum
38	<i>richardianum</i> (Fyson) R.Ansari & N.P.Balakr.	Eriocaulaceae	Herb	Along perennial water bodies	Occasional	Utricularia polygonoides
39	<i>Euphorbia cristata</i> B.Heyne ex Roth	Euphorbiaceae	Herb	On hills	Occasional	Cymbopogon caesius
40	Euphorbia heterophylla L.	Euphorbiaceae	Herb	Fields	Occasional	Phyllanthus maderaspatanus
41	Euphorbia hirta L.	Euphorbiaceae	Herb	In fields	Common	Phyllanthus maderaspatanus
	Exacum pedunculatum			Along canals of forests		
42	L.	Gentianaceae	Herb	or fields	Occasional	Physalis minima
43	<i>Flacourtia indica</i> (Burm.f.) Merr.	Salicaceae	Shrub	Forest peripheries and along hill slopes	Occasional	Tarenna asiatica, Senna auriculata
44	Gloriosa superba L.	Colchicaceae	Climber	Along canals of forests	Rare	Dodonaea viscosa
45	<i>Glossocardia bosvallia</i> DC.	Asteraceae	Herb	Wastelands and forests	Common	Oldelandia umbellata
46	<i>Holoptelea integrifolia</i> (Roxb.) Planch.	Urticaceae	Tree	Forest peripheries and on hills	Occasional	Pterospermum xylocarpum
17	Unconia comata I am	Lincore	Liona	Forest peripheries and	Occorrent	Combratum alli Lun
47 48	Hugonia serrata Lam. Indigofera coerulea Roxb.	Linaceae Fabaceae	Liana Shrub	along hill slopes Under shade of hill slopes	Occasional Occasional	Combretum albidum Tephrosia acuminata
49	Indigofera trita L.f.	Fabaceae	Herb	An rocky hill slopes	Rare	Cymbopogon caesius
77	maigojera mua L.1.	1 abaceae	11010	7 m rocky min slopes	ixait	Cymoopogon cuestus

Science Archives (2021) Vol. 2 (1), 33-49

Jatropha gossypiifolia Euphorbiaceae Shrub Canal embakments Occasional 52 Lantana camara L. Verbenaceae Shrub Forest outskirts Common I 53 Hack. Poaceae Herb Open lands of Forest I I 54 Martynia annua L. Pedaliaceae Herb Vastelands Occasional I 54 Martynia annua L. Pedaliaceae Herb vastelands Occasional I 54 Martynia annua L. Pedaliaceae Herb open lands of Forest Rare I 55 C.E.C.Fisch. Poaceae Herb Forest peripheries Common I 56 DC. Rubiaceae Herb Forest peripheries Occasional I 57 (Willd.) A.Chev. Fabaceae Shrub Among and along rocks Occasional I 58 L. Rubiaceae Herb peripheries Common I 60 Kuntze Amaranthaceae Herb </th <th>Cymbopogon caesius Dodonaea viscosa Dodonaea viscosa Melanocenchris monoica Tephrosia purpurea Lophopogon tridentatus Perotis indica and Spermacoce articualaris</th>	Cymbopogon caesius Dodonaea viscosa Dodonaea viscosa Melanocenchris monoica Tephrosia purpurea Lophopogon tridentatus Perotis indica and Spermacoce articualaris
Jatropha gossypiifolia Euphorbiaceae Shrub Canal embakments Occasional 52 Lantana camara L. Verbenaceae Shrub Forest outskirts Common I 53 Hack. Poaceae Herb Open lands of Forest I I 54 Martynia annua L. Pedaliaceae Herb Vastelands Occasional I 54 Martynia annua L. Pedaliaceae Herb Vastelands Occasional I 55 C.E.C.Fisch. Poaceae Herb Open lands of Forest I I 56 DC. Rubiaceae Herb Forest peripheries Occasional I 57 C.E.C.Fisch. Poaceae Herb Forest peripheries Occasional I 56 DC. Rubiaceae Herb Forest peripheries Occasional I 58 L. Rubiaceae Herb Open lands of Forest Occasional I 60 Mundulea sericea Shrub Among and along rocks Occasional I 58 L. Rubiaceae	Dodonaea viscosa Dodonaea viscosa Melanocenchris monoica Tephrosia purpurea Lophopogon tridentatus Perotis indica and Spermacoce articualaris
51 L. Euphorbiaceae Shrub Canal embakments Occasional 52 Lantana camara L. Verbenaceae Shrub Forest outskirts Common Image: Common <td>Dodonaea viscosa Melanocenchris monoica Tephrosia purpurea Lophopogon tridentatus Perotis indica and Spermacoce articualaris</td>	Dodonaea viscosa Melanocenchris monoica Tephrosia purpurea Lophopogon tridentatus Perotis indica and Spermacoce articualaris
52 Lantana camara L. Verbenaceae Shrub Forest outskirts Common I 53 Hack. Poaceae Herb peripheries Rare I 54 Martynia annua L. Pedaliaceae Herb wastelands Occasional I 54 Martynia annua L. Pedaliaceae Herb wastelands Occasional I 55 C.E.C.Fisch. Poaceae Herb peripheries Common I 56 DC. Rubiaceae Herb peripheries Occasional I 56 DC. Rubiaceae Herb Forest peripheries Occasional I 57 (Wild.) A.Chev. Fabaceae Shrub Among and along rocks Occasional I 58 Oldenlandia umbellata Open lands of Forest Open lands of Forest Occasional I 59 Gawl.) Haw. Cactaceae Shrub Among and along rocks Occasional I 60 Kuntze Amaranthaceae Herb wastelands and fields Occcasional I 61 <td>Dodonaea viscosa Melanocenchris monoica Tephrosia purpurea Lophopogon tridentatus Perotis indica and Spermacoce articualaris</td>	Dodonaea viscosa Melanocenchris monoica Tephrosia purpurea Lophopogon tridentatus Perotis indica and Spermacoce articualaris
Lophopogon tridentatus (Roxb.) Poaceae Herb Open lands of Forest peripheries Rare I 53 Hack. Poaceae Herb Along fields and wastelands Occasional I 54 Martynia annua L. Pedaliaceae Herb Wastelands Occasional I 54 Martynia annua L. Pedaliaceae Herb Open lands of Forest peripheries Occasional I 55 C.E.C.Fisch. Poaceae Herb Open lands of Forest peripheries Common I 56 DC. Rubiaceae Herb Forest peripheries Occasional I 58 L. Rubiaceae Herb Forest peripheries Common I 59 Opuntia dillenii (Ker Cactaceae Shrub Along fields and forest ouret lanata (L.) Occasional I 60 Kuntze Amaranthaceae Herb Wastelands Common I 61 Kuntze Poaceae Herb Wastelands and fields Occasional I 63 mderaspatensis L. Pyllanthaceae Herb Fields and	Melanocenchris monoica Tephrosia purpurea Lophopogon tridentatus Perotis indica and Spermacoce articualaris
tridentatus (Roxb.) Poaceae Herb Open lands of Forest peripheries Rare I 53 Hack. Poaceae Herb Martynia annua L. Rare I 54 Martynia annua L. Pedaliaceae Herb Wastelands Occasional I 54 Melanocenchris monoica (Rottler) Deen lands of Forest Open lands of Forest Occasional I 55 C.E.C.Fisch. Poaceae Herb Peripheries Common I 56 DC. Rubiaceae Herb Forest peripheries Occasional I 56 DC. Rubiaceae Herb Forest peripheries Occasional I 57 (Willd.) A.Chev. Fabaceae Shrub Among and along rocks Occasional I 58 L. Rubiaceae Herb Peripheries Common I 58 L. Rubiaceae Herb Open lands of Forest Occasional I 59 Gawl.) Haw. Cactaceae Shrub Outskirts streams Occasional I 60 Kuntze Amaranthaceae Herb Wastelands and fields Occasional I 61 Kuntze Poaceae He	monoica Tephrosia purpurea Lophopogon tridentatus Perotis indica and Spermacoce articualaris
tridentatus (Roxb.) Poaceae Herb Open lands of Forest peripheries Rare I 53 Hack. Poaceae Herb Martynia annua L. Rare I 54 Martynia annua L. Pedaliaceae Herb Wastelands Occasional I 54 Melanocenchris monoica (Rottler) Deen lands of Forest Open lands of Forest Occasional I 55 C.E.C.Fisch. Poaceae Herb Peripheries Common I 56 DC. Rubiaceae Herb Forest peripheries Occasional I 56 DC. Rubiaceae Herb Forest peripheries Occasional I 57 (Willd.) A.Chev. Fabaceae Shrub Among and along rocks Occasional I 58 L. Rubiaceae Herb Peripheries Common I 58 L. Rubiaceae Herb Open lands of Forest Occasional I 59 Gawl.) Haw. Cactaceae Shrub Outskirts streams Occasional I 60 Kuntze Amaranthaceae Herb Wastelands and fields Occasional I 61 Kuntze Poaceae He	monoica Tephrosia purpurea Lophopogon tridentatus Perotis indica and Spermacoce articualaris
54 Martynia annua L. Pedaliaceae Herb Along fields and wastelands Occasional Melanocenchris monoica (Rottler) Poaceae Herb Open lands of Forest peripheries Occasional 55 C.E.C.Fisch. Poaceae Herb Forest peripheries Common 56 DC. Rubiaceae Herb Forest peripheries Occasional 4 57 (Willd.) A.Chev. Fabaceae Shrub Among and along rocks Occasional 4 58 L. Rubiaceae Herb Open lands of Forest peripheries Common 4 58 L. Rubiaceae Herb Open lands of Forest peripheries Coccasional 4 60 Muntze Cactaceae Shrub Outskirts streams Occasional 4 60 Kuntze Poaceae Herb Wastelands and fields Occasional 4 61 Kuntze Poaceae Herb Along fields and 6 6 63 maderaspatensis L. Pyllanthaceae Herb FieldsCommon 4 64 G.Forst. <td>Tephrosia purpurea Lophopogon tridentatus Perotis indica and Spermacoce articualaris</td>	Tephrosia purpurea Lophopogon tridentatus Perotis indica and Spermacoce articualaris
54 Martynia annua L. Pedaliaceae Herb wastelands Occasional Melanocenchris monoica (Rottler) Open lands of Forest peripheries Open lands of Forest peripheries Image: Common Image: Common 55 C.E.C.Fisch. Poaceae Herb Peripheries Common Image: C	Lophopogon tridentatus Perotis indica and Spermacoce articualaris
Melanocenchris monoica (Rottler) Poaceae Herb Open lands of Forest peripheries Common 55 C.E.C.Fisch. Poaceae Herb peripheries Common Image: Common </td <td>Lophopogon tridentatus Perotis indica and Spermacoce articualaris</td>	Lophopogon tridentatus Perotis indica and Spermacoce articualaris
Melanocenchris monoica (Rottler) Poaceae Herb Open lands of Forest peripheries Common 55 C.E.C.Fisch. Poaceae Herb peripheries Common Image: Common </td <td>Lophopogon tridentatus Perotis indica and Spermacoce articualaris</td>	Lophopogon tridentatus Perotis indica and Spermacoce articualaris
55C.E.C.Fisch.PoaceaeHerbperipheriesCommonI56DC.RubiaceaeHerbForest peripheriesOccasionalI56DC.RubiaceaeHerbForest peripheriesOccasionalI57(Willd.) A.Chev.FabaceaeShrubAmong and along rocksOccasionalI58L.RubiaceaeHerbperipheriesCommonI58L.RubiaceaeHerbperipheriesCommonI59Gawl.) Haw.CactaceaeShruboutskirts streamsOccasionalI60KuntzeAmaranthaceaeHerbWastelands and fieldsOccasionalI61KuntzePoaceaeHerbWastelandsCommonI62Roxb.ArecaceaePalmAlong streamsOccasionalI63maderaspatensis L.PyllanthaceaeHerbFields and water bodiesOccasionalI64G.Forst.PhyllanthaceaeHerbFields and water bodiesOccasionalI64G.Forst.CaryophyllaceaeHerbFields and water bodiesOccasionalI66Schweinf.CaryophyllaceaeHerbAlong prennial waterII67(L.) Wight & Arn.MalvaceaeHerbAlong hills, peripheries,I68Gaertn.RubiaceaeTereAlong hills, peripheries,I	tridentatus Perotis indica and Spermacoce articualaris
55C.E.C.Fisch.PoaceaeHerbperipheriesCommonI56DC.RubiaceaeHerbForest peripheriesOccasionalI56DC.RubiaceaeHerbForest peripheriesOccasionalI57(Willd.) A.Chev.FabaceaeShrubAmong and along rocksOccasionalI58L.RubiaceaeHerbperipheriesCommonI58L.RubiaceaeHerbperipheriesCommonI59Gawl.) Haw.CactaceaeShruboutskirts streamsOccasionalI60KuntzeAmaranthaceaeHerbWastelands and fieldsOccasionalI61KuntzePoaceaeHerbWastelandsCommonI62Roxb.ArecaceaePalmAlong streamsOccasionalI63maderaspatensis L.PyllanthaceaeHerbFields and water bodiesOccasionalI64G.Forst.PhyllanthaceaeHerbFields and water bodiesOccasionalI64G.Forst.CaryophyllaceaeHerbFields and water bodiesOccasionalI66Schweinf.CaryophyllaceaeHerbAlong prennial waterII67(L.) Wight & Arn.MalvaceaeHerbAlong hills, peripheries,I68Gaertn.RubiaceaeTereAlong hills, peripheries,I	tridentatus Perotis indica and Spermacoce articualaris
Mitracarpus hirtus (L.) Rubiaceae Herb Forest peripheries Occasional 56 DC. Rubiaceae Herb Forest peripheries Occasional Anong and along rocks Anong fields and Anong fields and Anong fields and An	Perotis indica and Spermacoce articualaris
Mitracarpus hirtus (L.)RubiaceaeHerbForest peripheriesOccasional56DC.RubiaceaeHerbForest peripheriesOccasionalI57(Willd.) A.Chev.FabaceaeShrubAmong and along rocksOccasionalI58L.RubiaceaeHerbperipheriesCommonI59Gawl.) Haw.CactaceaeShruboutskirts streamsOccasionalI60KuntzeAmaranthaceaeHerbWastelands and fieldsOccasionalI61KuntzeAmaranthaceaeHerbWastelands and fieldsOccasionalI61KuntzePoaceaeHerbwastelandsCommonI62Roxb.ArecaceaePalmAlong streamsOccasionalI63maderaspatensis L.PyllanthaceaeHerbFieldsCommonI64G.Forst.PhyllanthaceaeHerbFields and water bodiesII65Physalis angulata L.SolanaceaeHerbFields and water bodiesII66Schweinf.CaryophyllaceaeHerbFields and water bodiesII67(L.) Wight & Arm.MalvaceaeHerbSolgesRareI68Gaertn.RubiaceaeTreeAlong pills, peripheries,I68Gaertn.RubiaceaeTreeSolgesOccasionalI	Spermacoce articualaris
56DC.RubiaceaeHerbForest peripheriesOccasionalMundulea sericeaFabaceaShrubAmong and along rocksOccasional57(Willd.) A.Chev.FabaceaeShrubAmong and along rocksOccasional58L.RubiaceaeHerbperipheriesCommon60Opuntia dillenii (KerCactaceaeShruboutskirts streamsOccasional59Gawl.) Haw.CactaceaeShruboutskirts streamsOccasional60KuntzeAmaranthaceaeHerbWastelands and fieldsOccasional61KuntzePoaceaeHerbWastelandsCommon62Roxb.ArecaceaePalmAlong streamsOccasional63maderaspatensis L.PyllanthaceaeHerbFieldsCommon64G.Forst.PhyllanthaceaeHerbFields and water bodiesCocasional65Physalis angulata L.SolanaceaeHerbFields and water bodiesGccasional66Schweinf.CaryophyllaceaeHerbAlong perennial waterGastera67(L.) Wight & Arn.MalvaceaeHerbSolaesRareJ68Gaertn.RubiaceaeTreeAlong hills, peripheries,GccasionalG	articualaris
Mundulea sericea Fabaceae Shrub Among and along rocks Occasional 57 (Willd.) A.Chev. Fabaceae Shrub Among and along rocks Occasional 01denlandia umbellata Underlandia umbellata Open lands of Forest Open lands of Forest Occasional 58 L. Rubiaceae Herb peripheries Common 59 Gawl.) Haw. Cactaceae Shrub outskirts streams Occasional 60 Kuntze Amaranthaceae Herb Wastelands and fields Occasional 61 Kuntze Poaceae Herb wastelands Common Image: Common 62 Roxb. Arecaceae Palm Along streams Occasional Image: Common Image: Common<	
Mundulea sericea (Willd.) A.Chev.FabaceaeShrubAmong and along rocksOccasional0Oldenlandia umbellata L.RubiaceaeHerbOpen lands of Forest peripheriesCommon0Opuntia dillenii (Ker Gawl.) Haw.RubiaceaeHerbPeripheriesCommon0Ouret lanata (L.) KuntzeAmaranthaceaeHerbWastelands and fieldsOccasional0Veret lanata (L.) KuntzeAmaranthaceaeHerbWastelands and fieldsOccasional60KuntzeAmaranthaceaeHerbWastelands and fieldsOccasional61KuntzePoaceaeHerbwastelandsCommon62Roxb.ArecaceaePalmAlong streamsOccasional63maderaspatensis L. Phyllanthus virgatus 64G.Forst.PhyllanthaceaeHerbFields and water bodiesCommon65Physalis angulata L. SolanaceaeSolanaceaeHerbFields and water bodiesOccasionalI66Schweinf.CaryophyllaceaeHerbAlong perennial waterII67(L.) Wight & Arn.MalvaceaeHerbslopesOccasionalI68Gaertn.RubiaceaeTreestreams and slopesOccasionalI	Senna auriculata and
57 (Willd.) A.Chev. Fabaceae Shrub Among and along rocks Occasional Among and fields of Forest Fields and forest Fields and forest Common Among and along rocks Common Among and along rocks Matrix streams Occasional Among and along rocks Common Among and forest	Catunaregum
Oldenlandia umbellata 58RubiaceaeHerbOpen lands of Forest peripheriesCommon58L.RubiaceaeHerbperipheriesCommon60Gawl.) Haw.CactaceaeShruboutskirts streamsOccasional60KuntzeAmaranthaceaeHerbWastelands and fieldsOccasional61KuntzePoaceaeHerbwastelandsCommon61KuntzePoaceaeHerbwastelandsCommon62Roxb.ArecaceaePalmAlong streamsOccasional63maderaspatensis L.PyllanthaceaeHerbFieldsCommon64G.Forst.PhyllanthaceaeHerbFields and water bodiesCcasional65Physalis angulata L.SolanaceaeHerbFields and water bodiesCcasional66Schweinf.CaryophyllaceaeHerbFields and water bodiesOccasional67(L.) Wight & Arn.MalvaceaeHerbSlopesOccasional68Gaertn.RubiaceaeTerestreams and slopesOccasional	spinosa
58L.RubiaceaeHerbperipheriesCommonO0Opuntia dillenii (Ker Gawl.) Haw.CactaceaeShrubFields and forest outskirts streamsOccasionalA0Ouret lanata (L.)AmaranthaceaeHerbWastelands and fieldsOccasionalA0KuntzeAmaranthaceaeHerbWastelands and fieldsOccasionalA10Ferotis indica (L.)AmaranthaceaeHerbWastelandsCommonA11KuntzePoaceaeHerbwastelandsCommonA12Phoenix sylvestris (L.)ArecaceaePalmAlong streamsOccasionalA13Mademaspatensis L.PyllanthaceaeHerbFieldsCommonA14G.Forst.PhyllanthaceaeHerbFieldsCommonA14G.Forst.PhyllanthaceaeHerbFieldsCommonA14G.Forst.PhyllanthaceaeHerbAn hill slopesCommonA15Physalis angulata L.SolanaceaeHerbFields and water bodiesOccasionalA16Schweinf.CaryophyllaceaeHerbslopesOccasionalA16IL.) Wight & Arn.MalvaceaeHerbslopesOccasionalA17SolanaceaeHerbslopesOccasionalA18SolanaceaeHerbSlopesOccasionalA19SolanaceaeHerbslopesOccasional </td <td>-p.11050</td>	-p.11050
Opuntia dillenii (Ker Gawl.) Haw.CactaceaeShrubFields and forest outskirts streamsOccasionalOuret lanata (L.) KuntzeAmaranthaceaeHerbWastelands and fieldsOccasional60KuntzeAmaranthaceaeHerbWastelands and fieldsOccasional61KuntzePoaceaeHerbWastelandsCommon61KuntzePoaceaeHerbwastelandsCommon62Roxb.ArecaceaePalmAlong streamsOccasional63maderaspatensis L.PyllanthaceaeHerbFieldsCommon64G.Forst.PhyllanthaceaeHerbFields and water bodiesCocasional65Physalis angulata L.SolanaceaeHerbFields and water bodiesOccasional66Schweinf.CaryophyllaceaeHerbAlong perennial waterImage: Streams67(L.) Wight & Arn.MalvaceaeHerbSlopesOccasional68Gaertn.RubiaceaeTreeAlong hills, peripheries, streams and slopesOccasional	Chrysopogon fulvus
59Gawl.) Haw.CactaceaeShruboutskirts streamsOccasionalA60KuntzeAmaranthaceaeHerbWastelands and fieldsOccasionalA61KuntzePoaceaeHerbWastelands and fieldsOccasionalA61KuntzePoaceaeHerbwastelandsCommonA62Roxb.ArecaceaePalmAlong streamsOccasionalA63maderaspatensis L.PyllanthaceaeHerbFieldsCommonA64G.Forst.PhyllanthaceaeHerbFieldsCommonA65Physalis angulata L.SolanaceaeHerbFields and water bodiesOccasionalA66Schweinf.CaryophyllaceaeHerbFields and water bodiesOccasionalA67(L.) Wight & Arn.MalvaceaeHerbSlopesOccasionalA68Gaertn.RubiaceaeTreeAlong hills, peripheries, streams and slopesOccasionalA	Shi ysopogon juivus
Ouret lanata (L.)AmaranthaceaeHerbWastelands and fieldsOccasional60KuntzePerotis indica (L.)Along fields andAlong fields and61KuntzePoaceaeHerbwastelandsCommon61KuntzePoaceaeHerbwastelandsCommon62Roxb.ArecaceaePalmAlong streamsOccasional63maderaspatensis L.PyllanthaceaeHerbFieldsCommon64G.Forst.PhyllanthaceaeHerbAn hill slopesCommon65Physalis angulata L.SolanaceaeHerbFields and water bodiesOccasional66Schweinf.CaryophyllaceaeHerbAlong perennial waterImage: Along perennial water67(L.) Wight & Arn.MalvaceaeHerbslopesOccasional68Gaertn.RubiaceaeTreeAlong hills, peripheries, streams and slopesOccasional	Flacourtia indica
60KuntzeAmaranthaceaeHerbWastelands and fieldsOccasional9Perotis indica (L.)PoaceaeHerbAlong fields and wastelands661KuntzePoaceaeHerbwastelandsCommon62Roxb.ArecaceaePalmAlong streamsOccasional62Roxb.ArecaceaePalmAlong streamsOccasional63maderaspatensis L.PyllanthaceaeHerbFieldsCommon64G.Forst.PhyllanthaceaeHerbAn hill slopesCommon65Physalis angulata L.SolanaceaeHerbFields and water bodiesOccasional66Schweinf.CaryophyllaceaeHerbAlong perennial water467(L.) Wight & Arn.MalvaceaeHerbslopesOccasional68Gaertn.RubiaceaeTreeStreams and slopesOccasional	Phyllanthus
Perotis indica (L.)PoaceaeHerbAlong fields and wastelandsCommon61KuntzePoaceaeHerbwastelandsCommon62Roxb.ArecaceaePalmAlong streamsOccasional62Roxb.ArecaceaePalmAlong streamsOccasional63maderaspatensis L.PyllanthaceaeHerbFieldsCommon64G.Forst.PhyllanthaceaeHerbAn hill slopesCommon65Physalis angulata L.SolanaceaeHerbFields and water bodiesOccasional66Schweinf.CaryophyllaceaeHerbbodiesRare67(L.) Wight & Arn.MalvaceaeHerbslopesOccasional68Gaertn.RubiaceaeTreeAlong hills, peripheries, streams and slopesOccasional	
61KuntzePoaceaeHerbwastelandsCommon61KuntzePoaceaeHerbwastelandsCommon62Roxb.ArecaceaePalmAlong streamsOccasional63maderaspatensis L.PyllanthaceaeHerbFieldsCommon63maderaspatensis L.PyllanthaceaeHerbFieldsCommon64G.Forst.PhyllanthaceaeHerbAn hill slopesCommon65Physalis angulata L.SolanaceaeHerbFields and water bodiesOccasional65Polycarpon prostratum (Forssk.) Asch. &CaryophyllaceaeHerbAlong perennial waterInteger66Schweinf.CaryophyllaceaeHerbSolgesOccasionalInteger67(L.) Wight & Arn.MalvaceaeHerbslopesOccasionalInteger68Gaertn.RubiaceaeTreestreams and slopesOccasionalInteger	maderaspatanus
Phoenix sylvestris (L.)ArecaceaePalmAlong streamsOccasional62Roxb.ArecaceaePalmAlong streamsOccasional263maderaspatensis L.PyllanthaceaeHerbFieldsCommon764G.Forst.PhyllanthaceaeHerbAn hill slopesCommon765Physalis angulata L.SolanaceaeHerbFields and water bodiesOccasional765Physalis angulata L.SolanaceaeHerbFields and water bodiesOccasional766Schweinf.CaryophyllaceaeHerbbodiesRare767(L.) Wight & Arn.MalvaceaeHerbslopesOccasional668Gaertn.RubiaceaeTreestreams and slopesOccasional7	T
62Roxb.ArecaceaePalmAlong streamsOccasionalArecaceae63PhyllanthusPyllanthaceaeHerbFieldsCommonFields63maderaspatensis L.PyllanthaceaeHerbFieldsCommonFields64G.Forst.PhyllanthaceaeHerbAn hill slopesCommonFields65Physalis angulata L.SolanaceaeHerbFields and water bodiesOccasionalFields65Physalis angulata L.SolanaceaeHerbFields and water bodiesOccasionalFields66Schweinf.CaryophyllaceaeHerbbodiesRareFields66Schweinf.CaryophyllaceaeHerbSolopesOccasionalFields67(L.) Wight & Arn.MalvaceaeHerbslopesOccasionalFields68Gaertn.RubiaceaeTreeStreams and slopesOccasionalFields	Tragus monogolorum
62Roxb.ArecaceaePalmAlong streamsOccasionalArecaceae63PhyllanthusPyllanthaceaeHerbFieldsCommonFields63maderaspatensis L.PyllanthaceaeHerbFieldsCommonFields64G.Forst.PhyllanthaceaeHerbAn hill slopesCommonFields65Physalis angulata L.SolanaceaeHerbFields and water bodiesOccasionalFields65Physalis angulata L.SolanaceaeHerbFields and water bodiesOccasionalFields66Schweinf.CaryophyllaceaeHerbbodiesRareFields66Schweinf.CaryophyllaceaeHerbSolopesOccasionalFields67(L.) Wight & Arn.MalvaceaeHerbslopesOccasionalFields68Gaertn.RubiaceaeTreeStreams and slopesOccasionalFields	Termianalia arjuna,
63Phyllanthus maderaspatensis L.PyllanthaceaeHerbFieldsCommonI63Phyllanthus virgatus G.Forst.PhyllanthaceaeHerbFieldsCommonI64G.Forst.PhyllanthaceaeHerbAn hill slopesCommonI65Physalis angulata L.SolanaceaeHerbFields and water bodiesOccasionalI65Physalis angulata L.SolanaceaeHerbFields and water bodiesOccasionalI66Schweinf.CaryophyllaceaeHerbbodiesRareI66Schweinf.CaryophyllaceaeHerbbodiesRareI67(L.) Wight & Arn.MalvaceaeHerbslopesOccasionalI68Gaertn.RubiaceaeTreestreams and slopesOccasionalI	Syzygium cumini
63maderaspatensis L.PyllanthaceaeHerbFieldsCommonp64G.Forst.PhyllanthaceaeHerbAn hill slopesCommond65Physalis angulata L.SolanaceaeHerbFields and water bodiesOccasionald65Physalis angulata L.SolanaceaeHerbFields and water bodiesOccasionald66Schweinf.CaryophyllaceaeHerbbodiesRared66Schweinf.CaryophyllaceaeHerbbodiesRared67(L.) Wight & Arn.MalvaceaeHerbslopesOccasionald68Gaertn.RubiaceaeTreestreams and slopesOccasionald	Trienthema
Phyllanthus virgatus G.Forst.PhyllanthaceaeHerbAn hill slopesCommon65Physalis angulata L.SolanaceaeHerbFields and water bodiesOccasional65Physalis angulata L.SolanaceaeHerbFields and water bodiesOccasional66Polycarpon prostratum (Forssk.) Asch. & Schweinf.Along perennial water bodiesAlong perennial water bodiesHerb66Schweinf.CaryophyllaceaeHerbbodiesRare67(L.) Wight & Arn.MalvaceaeHerbslopesOccasional68Gaertn.RubiaceaeTreestreams and slopesOccasional	portulacastrum
64G.Forst.PhyllanthaceaeHerbAn hill slopesCommon65Physalis angulata L.SolanaceaeHerbFields and water bodiesOccasionalI66Polycarpon prostratum (Forssk.) Asch. & Schweinf.CaryophyllaceaeHerbAlong perennial water bodiesII66Schweinf.CaryophyllaceaeHerbbodiesRareI67(L.) Wight & Arn.MalvaceaeHerbslopesOccasionalI68Gaertn.RubiaceaeTreestreams and slopesOccasionalI	<i>borraideastrain</i>
65 Physalis angulata L. Solanaceae Herb Fields and water bodies Occasional Herb 65 Polycarpon prostratum Along perennial water Herb Along perennial water Herb 66 Schweinf. Caryophyllaceae Herb Bodies Rare Herb 67 (L.) Wight & Arn. Malvaceae Herb slopes Occasional Herb 68 Gaertn. Rubiaceae Tree streams and slopes Occasional Herb	Utricularia scandens
Polycarpon prostratum (Forssk.) Asch. & 66Polycarpon prostratum (Forssk.) Asch. & CaryophyllaceaeAlong perennial water bodiesAlong perennial water Rare66Schweinf.CaryophyllaceaeHerbbodiesRare67(L.) Wight & Arn.MalvaceaeHerbslopesOccasional68Gaertn.RubiaceaeTreestreams and slopesOccasional	
(Forssk.) Asch. & 66CaryophyllaceaeAlong perennial water bodiesAlong perennial water bodies66Schweinf.CaryophyllaceaeHerbbodiesRarep67(L.) Wight & Arn.MalvaceaeHerbslopesOccasional068Gaertn.RubiaceaeTreestreams and slopesOccasionalp	Eclipta prostrate
66Schweinf.CaryophyllaceaeHerbbodiesRarepPseudarthria viscidaUnder shade of hillUnder shade of hilloccasionaloccasionaloccasional67(L.) Wight & Arn.MalvaceaeHerbslopesOccasionaloccasional<	
Pseudarthria viscidaUnder shade of hill67(L.) Wight & Arn.MalvaceaeBest diamondaryHerbslopesConstructionOccasional68Gaertn.RubiaceaeTreestreams and slopesOccasional	Utricularia
67(L.) Wight & Arn.MalvaceaeHerbslopesOccasional0Psydrax dicoccosAlong hills, peripheries,Along hills, peripheries,68Coccasional068Gaertn.RubiaceaeTreestreams and slopesOccasional0	polygonoides
67(L.) Wight & Arn.MalvaceaeHerbslopesOccasional0Psydrax dicoccosAlong hills, peripheries,Along hills, peripheries,68Coccasional068Gaertn.RubiaceaeTreestreams and slopesOccasional0	
Psydrax dicoccosAlong hills, peripheries, streams and slopesOccasional	<i>c i</i> .
68 Gaertn. Rubiaceae Tree streams and slopes Occasional	Cymbopogon caesius
Pterolobium	Flacourtia indica
hexapetalum (Roth) Climbing	a .
	Secamone emetic
Pterospermum	
xylocarpum (Gaertn.)	~ . <i>t</i> -
	Cassia fistula
	Phyllanthus
	maderaspatanus
Sapindus emarginatus	
	Dalbergia paniculata
Scurrula cordifolia Epiphytic	
	Dalbergia paniculata
Searsia mysorensis	
74 (G.Don) Moffett Anacardiaceae Shrub On mounds Rare	
	Cymbopogon caesius
75 (Retz.) R.Br. ex Sm. Apocynaceae Liana on hills Occasional	Cymbopogon caesius Pterolobium hexapetalum

	Senna auriculata (L.)			Bunds of fields, Wastelands, forest	_	Mundulea sericea, Dodonaea viscosa and Catunaregum
76	Roxb.	Fabaceae	Shrub	peripheries and on hills	Common	spinosa
77	Senna montana (B.Heyne ex Roth) V.Singh	Fabaceae	Shrub	Forest peripheries and along hill slopes	Common	Catunaregum spinosa
78	Senna surattensis (Burm.f.) H.S.Irwin & Barneby	Fabaceae	Shrub	Under shade of hill slopes	Rare	Flacourtia indica
79	Senna uniflora (Mill.) H.S.Irwin & Barneby	Fabaceae	Herb	Along streams and embakment of ponds	Occasional	Tragia involucrta
80	Shorea roxburghii G.Don	Dipterocarpacea e	Tree	On high elevation hills	Rare	Pterospermum xylocarpum
81	<i>Sida cordata</i> (Burm.f.) Borss.Waalk.	Malvaceae	Herb	Hill slopes	Occasional	Cyanthelium albicans
82	Solanum pubescens Willd.	Solanaceae	Shrub	Forest outskirts	Occasional	Senna auriculata
83	Solanum virginianum L.	Solanaceae	Herb	Wastelands and forest outskirts	Occasional	Tanhrosia nurnuraa
	Sphaeranthus indicus					Tephrosia purpurea
84	L. Striga asiatica (L.)	Asteraceae	Herb	Fields	Common	Commelina undulata
85	Kuntze Synostemon	Orobanchaceae	Herb	Among rocks	Occasional	Cymbopogon caesius
86	<i>bacciformis</i> (L.) G.L.Webster	Phyllanthaceae	Herb	Along forest water bodies	Rare	Polycarpon prostratum
87	<i>Tarenna asiatica</i> (L.) Kuntze ex K.Schum.	Rubiaceae	Shrub	Among, along rocks of hill slopes and peripheries	Common	Senna auriculata and Flacourtia indica
07		Rublaceae	Silluo	peripheries	Common	
88	<i>Tephrosia lanceolata</i> Graham ex Gamble	Fabaceae	Shrub	Hill slopes	Occasional	Cymbopogon caesius
89	<i>Tephrosia purpurea</i> (L.) Pers.	Fabaceae	Herb	Along fields, wastelands and forests	Common	Crotalaria paniculata
	Terminalia					
90	<i>anogeissiana</i> Gere & Boatwr.	Combretaceae	Tree	On high elevation hills	Rare	Canthium dicoccum
91	Tragia involucrata L.	Euphorbiaceae	Climber	Along streams and embakment of ponds	Occasional	Senna uniflora
92	Trianthema portulacastrum L.	Aizoaceae	Herb	Fields	Common	Eclipta prostrata
93	Typha angustifolia L.	Typhaceae	Herb	Along water bodies	Common	Exacum pedunculatum
94	Utricularia polygaloides Edgew.	Lentibulariaceae	Herb	Along perennial water bodies	Rare	Bacopa monnieri
95	Utricularia scandens Benj.	Lentibulariaceae	Herb	Along perennial water bodies	Rare	Eriocaulons
96	<i>Vachellia nilotica</i> (L.) P.J.H.Hurter & Mabb.	Fabaceae	Tree	Along streams and fields	Occasional	Azadirachta indica
97	<i>Ventilago denticulata</i> Willd.	Rhamnaceae	Liana	Hill slopes	Rare	Dalbergia paniculata
98	Vincetoxicum indicum (Burm.f.) Mabb.	Apocynaceae	Climber	Along foot hills and bunds of fields	Occasional	Carissa spinarum
99	Vitex altissima L.f.	Lamiaceae	Tree	On hills	Rare	Pterospermum xylocarpum
100	Vitex negundo L.	Lamiaceae	Shrub	Along canals	Occasional	Azadirachta indica



Acalypha scabrosa



Ageratum conyzoides



Alangium salvifolium



Andrographis serpyllifolia



Boerhavia diffusa





Borasus flabellifer



Azadirachta indica



Calotropis gigantea



Caralluma adscendens



Carissa spinarum



Cascabela thevetia



Cassia fistula



Chrysopogon fulvus



Catunaregum spinosa



Cissus quadrangularis



Chloris barbata



Cleome gynandra



Cleome monophylla



Cleome viscosa



Coccinia grandis



Combretum ovalifolium



Crotalaria hebecarpa



Commelina undulata



Crotalaria paniculata



Crinum latifolium



Cryptostegia grandiflora



Cyanotis axillaris



Cyanthilium albicans



Cycas sphaerica



Dalbergia lanceolaria



Dichrostachys cinerea



Datura innoxia



Dodonaea viscosa



Dendropthoe falcata



Eclipta prostrata



Epaltes divaricata



Eriocaulon richardianum



Euphorbia cristata



Euphorbia heterophylla



Flacourtia indica



Euphorbia hirta



Gloriosa superba



Exacum pedunculatum



Glossocordia bosvallia



Holoptelea integrifolia



Hugonia serrata



Indigofera coerulea



Indigofera trita



Lophopogon tridentatus



Ipomoea obscura



Lantana camara



Jatropha gossypiifolia



Martynia annua



Melanocenchris monoica



Mirtacarpus hirtus



Mundulea sericea



Oldenlandia umbellata



Perotis indica



Opuntia dilleneii



Phoenix sylvestris



Ouret lanata



Phyllanthus maderaspatensis



Phyllanthus virgatus



Physalis angulata



Polycarpon prostratum



Pseudarthria viscida



Pterospermum xylocarpum



Psydrax dicoccos



Ruellia prostrata



Pterolobium hexpetalum



Sapindus emarginatus



Scurrula cordifolia





Searsia mysorensis



Seccamone emetica



Senna auriculata



Senna uniflora



Senna montana



Shorea roxburghii



Senna surattensis



Sida cordata



Solanum pubescens





Solanum virginianum



Sphaeranthus indicus



Striga asiatica



Tephrosia lanceolata



Synostemon bacciformis



Tephrosia purpurea



Tarenna asiatica



Terminalia anogeissiana



Tragia involucrata



Trianthema portulacastrum



Typha angustifolia





Ventilago denticulata



Utricularia scandens



Vincetoxicum indicum



Vachellia nilotica



Vitex altissima

Results and Discussion

Deeply explored and recorded vascular plants surroundings of Kudumulavari palli, through the covering different habitats, I.e. Forest outskirts, Hill slopes, In Fields, Along with perennial water bodies, On hills, Along canals, Along with fields and wastelands, Along streams and embankment of ponds, Forest peripheries, Along hill slopes, On high elevation hills, Open lands of Forest peripheries, Under the shade of hill slopes, Along with human habitations and fields, Along streams, Fields and forest outskirt streams, Along bunds of fields and other sun exposing areas of hills, Along canals of forests, Along with forest water bodies, Among and along rocks, Among rocks of mounds, An rocky hill slopes, Canal embankments; recorded 100 plants which belong 44 families and 86 genera, most dominant families are Fabaceae with 17 species, Apocynaceae 7 species, Asteraceae 6 species, Euphorbiaceae 6 species and Poaceae with 6 species; dominant genera followed by Senna with 4 species, Cleome 3 species and Euphorbia with 3 species; Habit wise followed by Herbs 49, Shrubs 21, Trees 14, Climbers 6, Lianas 4, Epiphytic shrubs 2, Palms 2, Climbing shrub 1and Straggler 1; Abundance wise followed by Occasional distributed 50 species. Common 28 species and 22 species have rare distribution. 100 species were recorded with detailed information.

Conflict of Interest

The author hereby declares no conflict of interest.

Consent for publication

The author declares that the work has consent for publication.

Funding support

The author declares that they have no funding support for this study.

References

- Gamble, J. S., & Fischer, C. E. C. (1915-1935). Flora of the Presidency of Madras, London. Rep.ed. 1957. Botanical survey of India, Calcutta.
- Pullaiah, T. & Karuppussamy, S. (2018). Flora of Andhra Pradesh. Vol. 3. Scientific Publishers, Delhi.
- Pullaiah, T. & Murthy, K.S.R.(2018). Flora of Andhra Pradesh. Vol. 2. Scientific Publishers, Delhi.
- Pullaiah, T. & Sandhya Rani, S. (1999). Trees of Andhra Pradesh, India Regencypublications, New Delhi.
- Pullaiah, T., Ali Moulali, D. & Sandhya Rani, S. (2018). Flora of Andhra Pradesh. Vol. 4. Scientific Publishers, Delhi.
- Pullaiah, T., Chennaiah, E. & Sandhya Rani, S. (2018). Flora of Andhra Pradesh. Vol. 1. Scientific Publishers, Delhi.
- Siddique, Z., Nisa, S., Shah, G. M., Khan, A., Naz, A., Khan, S., & Mohiuddin, M. (2014).Exploration of floristic diversity of Khanpur valley, District Haripur, Khyber Pakhtunkhwa, Pakistan.

This work is licensed under a <u>Creative Commons</u> Attribution 4.0 International License.



How to cite this article:

Anjaneyulu, P.(2021). A preliminary exploration of kudumula varipalli vascular flora, peddamandyam mandal, chittoor district, Andhra Pradesh, India. *Science Archives*, Vol. 2 (1), 33-49. http://dx.doi.org/10.47587/SA.2021.2107