

Table S1. Summarized details about medicinal plant species mentioned for ethnoveterinary use by indigenous people of Tiruchirappalli district

Botanical name and family	Voucher No.	Habit	Useful parts	Ailment	Mode of preparation	Mode of application	Mixed with Solvents	Dosage	Type of animals	FC/UR	RFC	UV
<i>Abrus precatorius</i> L. (kundumani) Fabaceae	BUKP42	Climber	Leaf	Fever	Raw	Topical	-	-	Goat and cow	36/54	0.129	0.193
<i>Acalypha indica</i> L. (kuppaimeni) Euphorbiaceae	BUKP36	Herb	Leaf	Poison bite	Juice	Oral	-	-	Goat and cow	48/52	0.171	0.186
<i>Achyranthes aspera</i> L. (Nayuruvii) Amaranthaceae	BUKP06	Herb	Leaf	Wound stomach ulcer	Raw	Oral	-	-	Goat	45/53	0.161	0.189
<i>Acorus calamus</i> L. (Vasambu) Acoraceae	BUKP67	Herb	Root	Ticks	Paste	Topical	Neem oil	-	Cow	24/32	0.086	0.114
<i>Aegle marmelos</i> (L.) Corrêa (Vilvam) Rutaceae	BUKP71	Tree	Leaf	Wound, diarrhoea	Raw	Oral	-	-	Goat	7/12	0.025	0.043
<i>Aerva lanata</i> (L.) Juss. (koolapoo) Amaranthaceae	BUKP 07	Herb	Root	Poison bite	Raw	Oral	Along with acalypha leaves	-	Cow and goat	97/136	0.346	0.486
<i>Aloe vera</i> (L.) Burm. f. (sottrukatralai) Asphodelaceae	BUKP39	Succulent hrub	Leaf	Skin disease	Raw	Oral	-	-	Cow and goat	54/72	0.193	0.257
<i>Andrographis paniculata</i> (Burm.f.) Nees (Nila vembu) Acanthaceae	BUKP66	Herb	Leaf	Infertility	Paste	Oral	Leaf along with turmeric powder	-	Cow and goat	7/13	0.025	0.046

<i>Anethum graveolens</i> L. (Sathakuppai keerai) Apiaceae	BUKP72	Herb	Leaf	Infertility	Powder	Oral	Water	-		Cow	22/34	0.079	0.121
<i>Areca catechu</i> L. (Paakku) Arecaceae	BUKP87	Tree	Nut	Eye disorder	Raw	Oral	-	-		Cow	5/11	0.018	0.039
<i>Aristolochia bracteolata</i> Lam. (aadutheenda paalai) Aristolochiaceae	BUKP51	Herb	Leaf	Infertility	Raw	Oral	-	-		Goat and cow	32/46	0.114	0.164
<i>Aristolochia indica</i> L. (perumarunthu kodi , thalai suruli) Aristolochiaceae	BUKP55	Twining perennial herb	Root	Indigestion	Raw	Oral	--	-		Cow and goat	57/70	0.204	0.25
<i>Asparagus racemosus</i> Wild (Thannirvittan Kilangu) Asparagaceae	BUKP68	Climbing perennial herb	Root	Breast disease	Paste	Topical	Curcuma powder	-		Cow	9/16	0.032	0.057
<i>Bambusa vulgaris</i> Schrad.ex J.C. Wendl. (Moongil) Poaceae	BUKP10	Tree	Leaf	Diarrhoea	Raw	Oral	-	2 times		Goat and Cow	102/118	0.364	0.421
<i>Bauhinia racemosa</i> Lam. (Aathi maram) Fabaceae	BUKP69	Tree	Leaf	Indigestion	Raw	Oral	-	-		Cow and Gcoat	6/11	0.021	0.039
<i>Calotropis gigantea</i> (L.) Dryand. (Erukku) Apocynaceae	BUKP38	Shrub	Stem	Indigestion	Raw	Oral	-	-		Cow	16/18	0.057	0.064
<i>Cardiospermum halicacabum</i> L. (Mudakatha)	BUKP48	Climber	Whole plant / leaf	Retained placenta	Raw	Oral	Water	1 time		Cow and goat	31/45	0.111	0.161

Sapindaceae													
<i>Cassytha filiformis</i> L. (Verilla kothan)	BUKP37	Parasitic vine	Whole plant	Diarrhoea	Raw	Oral	-	-	Cow and goat	123/145	0.439	0.518	
Lauraceae													
<i>Citrullus colocynthis</i> (L.) Schrad. (Kumittikai)	BUKP15	Trailing Herbaceous Vine	Fruit	Retained placenta diarrhoea	Raw	Oral	-	-	Cow and goat	41/50	0.146	0.179	
Cucurbitaceae													
<i>Cleome gynandra</i> L. (Nal vellan thalai)	BUKP70	Herb	Leaf	Poison bite	Juice	Topical	-	-	Cow and goat	12/17	0.043	0.061	
Capparaceae													
<i>Coccinia grandis</i> (L.) Voigt (Kovakkai)	BUKP35	Vine	Leaf	Heating	Raw	Oral	-	3 days	Cow	20/27	0.071	0.096	
Cucurbitaceae													
<i>Crateva religiosa</i> var. roxburghii (R.Br.) Hook.f. & Thomson (Mavilnaga maram)	BUKP75	Tree	Leaf	Retained placenta Poison bite	Raw juice	Oral	-	-	Cow and goat	42/54	0.15	0.193	
Capparaceae													
<i>Datura metel</i> L. (vumathai)	BUKP59	Shrub	Fruit	Diarrhoea	Raw	Oral	Fire	One time	Goat and cow	23/37	0.082	0.132	
Solanaceae													
<i>Delonix elata</i> (L.) Gamble (Vaatha maram)	BUKP73	Tree	Leaf	eye disorder	Juice	Topical eye drop	Onion, salt	2 to 3 drops	Goat and cow	17/17	0.061	0.061	
Fabaceae													
<i>Desmostachya bipinnata</i> (L.) Stapf (Theppa pull)	BUKP77	Grass	Leaf	Retained placenta	Raw	Oral	-	-	Goat	13/13	0.046	0.046	
Poaceae													
<i>Elytraria acaulis</i> (L.f.) Lindau	BUKP88	Herb	Leaf	Leg wound, worm,	Juice	Topical	-	-	Cow and goat	67/75	0.239	0.268	

(Serupadithalai)				Foot disease									
Acanthaceae													
<i>Ipomoea marginata</i> (Desr.) Verdc. (Thaali keerai)	BUKP86	Climber	Leaf	Breast disease	Paste	Topical	Turmeric powder and neem oil	-	Cow	6/6	0.021	0.021	
Convolvulaceae													
<i>Justicia tranquebariensis</i> L. f. (thavasi murungai)	BUKP61	Under shrub	Leaf	Eye disorder or infectious eye	Raw	Topical	-	One weak	Goat	34/51	0.121	0.182	
Acanthaceae													
<i>Leucas aspera</i> (Willd.) Link (Thumbai)	BUKP18	Herb	Leaf	Foot disease, wound	Juice	Topical	Camphor		Cow	162/183	0.579	0.654	
Lamiaceae													
<i>Mimosa pudica</i> L. (Thottal sinungi)	BUKP84	Tree	Leaf	Infertility	Raw	Topical	Smoke	-	Cow and goat	19/22	0.068	0.079	
Fabaceae													
<i>Pedaliium murex</i> L. (Yanainerunji)	BUKP45	Herb	Fruit, flower	Diarrhoea, Indigestion, Retained placenta	Raw	Oral	-	2 times	Goat and cow	78/88	0.279	0.314	
Pedaliaceae													
<i>Pergularia daemia</i> (Forssk.) Chiov. (veliparuthi)	BUKP22	Herb	Leaf	Poison bite	Juice	Oral	Water	-	Cow and goat	24/33	0.086	0.118	
Apocynaceae													
<i>Piper betle</i> L. (Vetrillai)	BUKP60	Vine	Leaf	Indigestion, fever	Powder	Oral	-	-	Cow and goat	226/289	0.807	1.032	
Piperaceae													
<i>Pongamia pinnata</i> (L.) Pierre (Punga maram)	BUKP78	Climber	Whole plant	Fever	Raw	Oral	Ajwain block pepper, dried ginger		Cow and goat	12/19	0.043	0.068	
Fabaceae													
<i>Ricinus communis</i> L. (aamanaku)	BUKP27	Small tree	Leaf	Eye disorder	Juice	Topical eye drop	-	-	Goat and cow	7/12	0.025	0.043	

<i>Wrightia tinctoria</i>	BUKP17	Tree	Leaf	Eye disorder	Juice	Topical	-	Per once	day	Goat and cow	9/9	0.032	0.032
---------------------------	--------	------	------	--------------	-------	---------	---	-------------	-----	-----------------	-----	-------	-------

R.Br.
(Veppalai)
Apocynaceae

FC: Frequency Citation, UR: Use Report, RFC: Relative Frequency Citation UV: Use Value