

Appendix XV Frequency, abundance, density and IVI of herbs in the Attappady reserve forest (A) and Coimbatore forest division (C)

Species	Coimbatore FD				Attappady RF			
	Frequency	Abundance	Density	IVI	Frequency	Abundance	Density	IVI
Medicinal herbs								
<i>Achyranthes aspera</i>	1	2	0.02	0.5	3	1	0.04	1.3
<i>Ageratum conyzoides</i>	55	4	2.39	48.7	55	5	2.51	41.2
<i>Alternanthera sessilis</i>	14	3	0.42	10.7	9	2	0.21	5.4
<i>Amaranthus spinosus</i>	8	2	0.12	4.2	14	2	0.24	6.8
<i>Amaranthus viridis</i>	1	1	0.01	0.4	1	4	0.04	0.9
<i>Argemone mexicana</i>	6	2	0.10	3.1	4	1	0.05	1.5
<i>Asclepias curassavica</i>	16	2	0.27	9.0	6	2	0.14	3.5
<i>Bacopa monneri</i>	2	1	0.02	0.9	2	1	0.02	0.7
<i>Cardiospermum halicacabum</i>	1	1	0.01	0.4	1	1	0.01	0.3
<i>Cassia occidentalis</i>	2	2	0.04	1.1	6	3	0.19	3.9
<i>Catharanthus roseus</i>	8	2	0.18	5.6	-	-	-	-
<i>Centella asiatica</i>	3	2	0.06	2.2	-	-	-	-
<i>Chenopodium ambrosoides</i>	9	1	0.12	4.2	-	-	-	-
<i>Desmodium triflorum</i>	1	3	0.03	0.7	1	2	0.02	0.5
<i>Eclipta alba</i>	7	2	0.16	4.2	1	2	0.02	0.4
<i>Euphorbia hirta</i>	11	2	0.21	6.1	10	3	0.27	5.7
<i>Gynura nitida</i>	16	2	0.33	9.4	21	2	0.52	11.7
<i>Heliotropium indicum</i>	2	2	0.03	1.1	13	2	0.25	6.2
<i>Hemidesmus indicus</i>	1	1	0.01	0.4	1	1	0.01	0.3
<i>Hemionitis arifolia</i>	-	-	-	-	2	2	0.04	1.1
<i>Ipomoea staphylina</i>	2	2	0.04	1.4	-	-	-	-
<i>Leucas aspera</i>	4	3	0.13	3.0	-	-	-	-
<i>Mimosa pudica</i>	4	2	0.07	2.0	17	2	0.28	7.6
<i>Oxalis corniculata</i>	16	1	0.23	8.0	10	2	0.17	4.6
<i>Phyllanthus amarus</i>	10	3	0.26	5.9	4	2	0.08	1.8
<i>Polygonum chinense</i>	-	-	-	-	2	1	0.02	0.8
<i>Rotula aquatica</i>	1	1	0.01	0.4	17	3	0.52	11.0
<i>Scoparia dulcis</i>	38	4	1.56	34.8	23	2	0.53	11.7
<i>Sida acuta</i>	3	1	0.04	1.4	9	2	0.20	4.9
<i>Sida cordifolia</i>	2	1	0.02	0.9	-	-	-	-
<i>Sida rhombifolia</i>	4	2	0.06	1.9	6	2	0.11	2.8
<i>Smithia conferta</i>	-	-	-	-	1	1	0.01	0.3
<i>Solanum nigrum</i>	6	2	0.12	3.7	4	2	0.06	1.7
<i>Spermacoc hispida</i>	3	3	0.09	2.1	5	3	0.13	2.7
<i>Spermacoc ocymoides</i>	16	3	0.45	11.0	18	3	0.62	11.9
<i>Sphaeranthus indicus</i>	1	1	0.01	0.4	3	3	0.09	1.9
<i>Trichodesma zeylanicum</i>	-	-	-	-	1	1	0.01	0.3
<i>Tridax procumbense</i>	3	3	0.09	2.4	1	1	0.01	0.3
<i>Urena lobata</i>	-	-	-	-	4	2	0.08	1.9
Other herbs								
<i>Adiantum sp.</i>	-	-	-	-	1	5	0.05	1.1
<i>Ammania baccifera</i>	13	2	0.20	6.9	-	-	-	-
<i>Ammania octandra</i>	1	2	0.02	0.6	1	2	0.02	0.5
<i>Aster sp.</i>	5	2	0.11	2.7	4	1	0.05	1.5
<i>Blumea sp.</i>	1	1	0.01	0.4	-	-	-	-

Species	Coimbatore FD				Attappady RF			
	Frequency	Abundance	Density	IVI	Frequency	Abundance	Density	IVI
<i>Boerhavia chinensis</i>	1	2	0.02	0.6	-	-	-	-
<i>Cissus sp.</i>	-	-	-	-	1	1	0.01	0.3
<i>Commelina benghalensis</i>	1	1	0.01	0.4	4	2	0.06	1.7
<i>Crotalaria sp.</i>	-	-	-	-	2	1	0.02	0.8
<i>Cyperus pangori</i>	-	-	-	-	10	8	0.77	10.6
<i>Cyperus rotundus</i>	19	3	0.62	14.3	36	5	1.93	29.6
<i>Cyperus sp</i>	5	3	0.17	4.3	13	11	1.48	18.2
<i>Drymaria cordata</i>	6	2	0.14	3.9	4	2	0.08	2.1
<i>Eragrostis sp.</i>	1	4	0.04	0.9	-	-	-	-
<i>Euphorbia geniculata</i>	5	1	0.06	2.3	-	-	-	-
<i>Hyptis sp.</i>	-	-	-	-	1	1	0.01	0.4
<i>Lindernia pusilla</i>	9	4	0.37	8.0	9	4	0.34	6.2
<i>Ludwickia hyssofolia</i>	22	2	0.36	11.6	17	2	0.36	8.6
<i>Mariscus pictus</i>	11	6	0.66	11.5	21	5	1.02	16.7
<i>Memordica sp.</i>	-	-	-	-	1	1	0.01	0.3
<i>Mollugo oppositifolia</i>	13	3	0.36	9.2	16	3	0.54	10.6
<i>Mollugo pentaphylla</i>	-	-	-	-	4	2	0.08	1.9
<i>Passiflora edulis</i>	-	-	-	-	1	1	0.01	0.5
<i>Phyllanthus maderaspatensis</i>	4	1	0.04	1.7	1	2	0.02	0.5
<i>Polygonum glabra</i>	7	3	0.24	5.9	2	3	0.06	1.2
<i>Sida cordata</i>	1	1	0.01	0.4	-	-	-	-
<i>Spilanthus calva</i>	15	3	0.43	10.8	27	3	0.79	16.6
<i>Stachytarpheta indica</i>	6	2	0.14	4.3	3	1	0.04	1.1
<i>Stemodia viscosa</i>	1	2	0.02	0.5	-	-	-	-
<i>Synedrella nodiflora</i>	7	2	0.12	3.7	14	2	0.29	7.0
<i>Triumfetta rotundifolia</i>	5	2	0.09	2.8	9	2	0.14	4.1
<i>Vernonia sp.</i>	1	1	0.01	0.4	-	-	-	-
<i>Unidentified species</i>	-	-	-	-	1	1	0.01	0.3
Total	58 Species				58 Species			
Species diversity	3.21				3.15			

Density denotes the number of individuals per 1m²; IVI- Importance Value Index;