

Appendix XVII Frequency, abundance, density, basal area and IVI of trees in the teak plantation

Species	Frequency	Abundance	Density ¹	Basal area ²	IVI ³
Medicinal trees					
<i>Bauhinia racemosa</i>	1	1.0	0.1	5	1.75
<i>Cassia fistula</i>	6	1.2	0.4	36	10.74
<i>Dalbergia latifolia</i>	3	1.3	0.2	103	5.82
<i>Lagerstroemia microcarpa</i>	16	1.7	1.4	1178	34.71
<i>Radermachera xylocarpa</i>	4	1.0	0.2	34	7.08
<i>Randia dumetorum</i>	2	3.0	0.3	27	4.28
<i>Syzygium cumini</i>	2	1.0	0.1	112	3.95
<i>Tectona grandis</i>	20	25.9	25.9	21219	211.27
Other trees					
<i>Butea monosperma</i>	1	3.0	0.2	41	2.25
<i>Casearia esculenta</i>	2	1.0	0.1	11	3.52
<i>Cinnamomum macrocarpum</i>	1	1.0	0.1	111	2.21
<i>Cordia wallichii</i>	2	1.5	0.2	73	3.95
<i>Grewia tiliaefolia</i>	2	2.5	0.3	174	4.73
<i>Olea dioica</i>	2	1.5	0.2	28	3.76
Total (14 species)			29.7	23152	300
Shannon-Wiener diversity index			0.60		

Density¹ denotes the number of individuals per 0.1 ha; Basal area² in cm²/2ha;
IVI³ - Importance Value Index

Appendix XVIII. Frequency, abundance, density and IVI of shrubs in the teak plantations

Species	Frequency	Abundance	Density ¹	IVI
Medicinal shrubs				
<i>Asparagus racemosus</i>	8	2.13	0.21	7.93
<i>Desmodium velutinum</i>	1	1	0.01	0.87
<i>Chromolaena odorata</i>	19	12.05	2.86	36.57
<i>Flemingia strobilifera</i>	3	6.33	0.24	4.18
<i>Glycosmis arborea</i>	9	18.56	2.09	22.84
<i>Gomphostemma heyneanum</i>	1	2	0.03	1.02
<i>Grewia hirsuta</i>	6	2.33	0.18	6.11
<i>Helicteres isora</i>	17	7.47	1.59	25.44
<i>Lantana camara</i>	16	9.69	1.94	27.28
<i>Solanum torvum</i>	4	1.75	0.09	3.85
<i>Solanum erianthum</i>	2	1.5	0.04	1.89
<i>Thespesia lampas</i>	4	12.25	0.61	7.75
Other shrubs				
<i>Cippadessa baccifera</i>	2	11.5	0.29	3.77
<i>Desmodium pulcellum</i>	9	4.78	0.54	11.2
<i>Solanum indicum</i>	8	6	0.6	10.86
<i>Sophora glauca</i>	13	9.08	1.48	21.44
<i>Vernonia indica</i>	3	9.33	0.35	5.01
<i>Zizyphus oenoplia</i>	1	13	0.16	1.99
Total (18 species)			13.3	200
Shannon-Weiner diversity index			2.31	

Density denotes the number of individuals per 25 m²; IVI-Importance Value Index