

<i>Zizyphus xylopyrus</i>	1.5	0.55	192	5	1.0	0.05	18	1
Total	38	53.6	27662	300	35	49	27248	300
	species				species			
Shannon-Weiner index	species diversity 2.40				2.12			

Density<sup>1</sup> denotes the number of individuals per 0.1ha.; Basal area cm<sup>2</sup>/2ha.; IVI- Importance Value Index;

**Appendix X Frequency, abundance, density and IVI of medicinal shrubs in a dry deciduous forests at the Bandipur National Park and at the Wayanad Wildlife Sanctuary**

Shrub species	Bandipur National Park			Wayanad Wildlife Sanctuary		
	Frequency	Abundance	Density <sup>1</sup>	Frequency	Abundance	Density <sup>1</sup>
<b>Medicinal shrubs</b>						
<i>Acacia sinuata</i>	-	-	-	1	3	0.04
<i>Argyrea cuneata</i>	31	1.9	0.75	-	-	-
<i>Asparagus racemosus</i>	6	8.7	0.65	7	1.3	0.11
<i>Chromolaena odorata</i>	25	7.0	2.19	37	2	0.93
<i>Cipadessa baccifera</i>	-	-	-	3	4.7	0.18
<i>Clerodendrum serratum</i>	1	1.0	0.01	10	1.7	0.21
<i>Flemingia strobilifera</i>	9	4.7	0.53	13	3.8	0.61
<i>Gomphostemma heyneanum</i>	4	2.0	0.10	2	1.5	0.03
<i>Grewia hirsuta</i>	16	2.8	0.56	29	3.6	1.30
<i>Helicteres isora</i>	2	5.0	0.13	6	4.3	0.32
<i>Lantana camara</i>	-	-	-	7	1.3	0.11
<i>Leea indica</i>	65	12.1	9.85	73	11.4	10.41
<b>Other Shrubs</b>						
<i>Cymbopogon sp</i>	49	5.53	3.39	-	-	-
<i>Decaschistia crotonifolia</i>	34	2.38	1.01	-	-	-
<i>Desmodium pulcellum</i>	9	3.00	0.34	-	-	-
<i>Heteropogon contortus</i>	-	-	-	20	2.7	0.68
<i>Imperata cylindrica</i>	16	11.13	2.23	15	3.7	0.69
<i>Pavetta tomentosa</i>	-	-	-	10	2.7	0.34
<i>Sophora velutina</i>	20	2.15	0.54	12	6.1	0.91
<i>Themeda cymbaria</i>	53	8.49	5.63	8	3.8	0.38
<i>Zizyphus rugosa</i>	-	-	-	26	3.0	0.99
Total	15 species			17 species		
Shannon-weiner diversity index	2.00			1.74		

Density denotes the number of individuals per 25m<sup>2</sup>; IVI - importance Value Index