

# Annexure I

Phytosociological tables for the tree layers in different forest types in Darjeeling Hills

**Table 1: Tropical Semi-evergreen Forests**

Sl. No.	Name	Ind.	F	D/ha	BA (m <sup>2</sup> )	RF	RD	RDm	IVI
1	<i>Aglaia lawii</i> (Wight) Ramamoorthy	19	71.43	67.86	1.474	6.41	11.18	11.89	29.48
2	<i>Michelia champaca</i> L.	18	42.86	64.29	1.185	3.85	10.59	9.56	23.99
3	<i>Pterospermum acerifolium</i> (L.) Willdenow	8	71.43	28.57	1.339	6.41	4.71	10.80	21.92
4	<i>Duabanga grandiflora</i> (DC.) Walper	8	57.14	28.57	1.449	5.13	4.71	11.69	21.52
5	<i>Sapindus rarak</i> DC.	4	42.86	14.29	1.38	3.85	2.35	11.14	17.34
6	<i>Aglaia spectabilis</i> (Miquel) Jain & Bennet	9	28.57	32.14	1.101	2.56	5.29	8.88	16.74
7	<i>Chukrasia tabularis</i> Jussieu	4	28.57	14.29	0.9	2.56	2.35	7.26	12.18
8	<i>Terminalia myriocarpa</i> Heurck & Mueller	5	28.57	17.86	0.723	2.56	2.94	5.83	11.33
9	<i>Nayariophyton zizyphifolium</i> (Griffith) Paul	8	28.57	28.57	0.301	2.56	4.71	2.43	9.70
10	<i>Schima wallichii</i> (DC.) Korthals	8	28.57	28.57	0.222	2.56	4.71	1.79	9.06
11	<i>Persea odoratissima</i> (Nees) Kostermans	6	28.57	21.43	0.298	2.56	3.53	2.41	8.50
12	<i>Combretum decandrum</i> Roxburgh	7	42.86	25.00	0.045	3.85	4.12	0.36	8.33
13	<i>Cinnamomum bejolghota</i> (Hamilton) Sweet	2	28.57	7.14	0.394	2.56	1.18	3.18	6.92
14	<i>Dillenia pentagyna</i> Roxburgh	6	28.57	21.43	0.095	2.56	3.53	0.77	6.86
15	<i>Callicarpa vestita</i> Wallich	2	28.57	7.14	0.106	2.56	1.18	0.86	4.60
16	<i>Mallotus philippensis</i> (Lamarck) Mueller	2	28.57	7.14	0.009	2.56	1.18	0.07	3.81
17	<i>Albizia procera</i> (Roxburgh) Benth	2	14.29	7.14	0.163	1.28	1.18	1.31	3.77
18	<i>Cinnamomum glaucescens</i> (Nees) Drury	1	14.29	3.57	0.204	1.28	0.59	1.64	3.51
19	<i>Cryptocarya amygdalina</i> Nees	3	14.29	10.71	0.036	1.28	1.77	0.29	3.34
20	<i>Stereospermum colais</i> (Dillwyn) Mabberley	3	14.29	10.71	0.035	1.28	1.77	0.28	3.33
21	<i>Pandanus nepalensis</i> St John	3	14.29	10.71	0.024	1.28	1.77	0.20	3.24
22	<i>Ficus neriifolia</i> Smith	2	14.29	7.14	0.087	1.28	1.18	0.70	3.16
23	<i>Ficus semicordata</i> Smith	3	14.29	10.71	0.011	1.28	1.77	0.09	3.14
24	<i>Castanopsis indica</i> (Roxburgh) A. DC.	3	14.29	10.71	0.01	1.28	1.77	0.08	3.13
25	<i>Crateva unilocularis</i> Hamilton	2	14.29	7.14	0.078	1.28	1.18	0.63	3.09
26	<i>Bridelia sikkimensis</i> Gehrmann	2	14.29	7.14	0.062	1.28	1.18	0.50	2.96
27	<i>Adina cordifolia</i> (Roxburgh) Brandis	2	14.29	7.14	0.046	1.28	1.18	0.37	2.83
28	<i>Premna bracteata</i> Clarke	2	14.29	7.14	0.036	1.28	1.18	0.29	2.75
29	<i>Oroxylum indicum</i> (L.) Ventenat	2	14.29	7.14	0.022	1.28	1.18	0.17	2.63
30	<i>Colebrookea oppositifolia</i> Smith	2	14.29	7.14	0.015	1.28	1.18	0.12	2.58
31	<i>Engelhardia spicata</i> Blume	1	14.29	3.57	0.083	1.28	0.59	0.67	2.54
32	<i>Erythrina stricta</i> Roxburgh	1	14.29	3.57	0.083	1.28	0.59	0.67	2.54
33	<i>Drypetes lancifolia</i> (Hook. f.) Pax & Hoffmann	2	14.29	7.14	0.006	1.28	1.18	0.05	2.51
34	<i>Salix tetraspermum</i> Roxburgh	1	14.29	3.57	0.062	1.28	0.59	0.50	2.37
35	<i>Beilschmiedia dalzellii</i> (Meisner) Kostermans	1	14.29	3.57	0.057	1.28	0.59	0.46	2.33
36	<i>Morus macroura</i> Miquel	1	14.29	3.57	0.038	1.28	0.59	0.31	2.18
37	<i>Celtis timorensis</i> Spanoghe	1	14.29	3.57	0.036	1.28	0.59	0.29	2.16
38	<i>Actinodaphne angustifolia</i> (Blume) Nees	1	14.29	3.57	0.033	1.28	0.59	0.26	2.13
39	<i>Litsea hookeri</i> (Meisner) Long	1	14.29	3.57	0.033	1.28	0.59	0.26	2.13
40	<i>Gmelina arborea</i> Roxburgh	1	14.29	3.57	0.024	1.28	0.59	0.19	2.06
41	<i>Ficus cunia</i> Roxburgh	1	14.29	3.57	0.022	1.28	0.59	0.17	2.04
42	<i>Machilus villosa</i> (Roxburgh) Hook. f.	1	14.29	3.57	0.021	1.28	0.59	0.17	2.04
43	<i>Rhus insignis</i> Hook. f. non Oliver	1	14.29	3.57	0.016	1.28	0.59	0.13	2.00
44	<i>Bridelia retusa</i> (L.) Sprengel	1	14.29	3.57	0.013	1.28	0.59	0.10	1.97
45	<i>Talauma hodgsonii</i> Hook. f. & Thomson	1	14.29	3.57	0.006	1.28	0.59	0.05	1.92

Table 1 continued..

46	<i>Vitex peduncularis</i> Schauer	1	14.29	3.57	0.004	1.28	0.59	0.03	1.90
47	<i>Knema erratica</i> (Hook. f. & Thomson) Sinclair	1	14.29	3.57	0.003	1.28	0.59	0.03	1.90
48	<i>Caryota urens</i> L.	1	14.29	3.57	0.002	1.28	0.59	0.02	1.89
49	<i>Castanopsis armata</i> Spach	1	14.29	3.57	0.002	1.28	0.59	0.02	1.89
50	<i>Maesa chisia</i> D. Don	1	14.29	3.57	0.002	1.28	0.59	0.02	1.89
51	<i>Syzygium cumini</i> (L.) Skeels	1	14.29	3.57	0.002	1.28	0.59	0.02	1.89

Table 2: Himalayan Sal Forests

Sl. No	Name	Ind.	F	D/ha	BA (m <sup>2</sup> )	RF	RD	RDm	IVI
1	<i>Shorea robusta</i> Gaertner f.	283	100	272.1	34.09	11.71	43.54	64.24	119.5
2	<i>Schima wallichii</i> (DC.) Korthals	16	30.77	15.38	4.14	3.60	2.46	7.80	13.87
3	<i>Pinus roxburghii</i> Sargent	22	19.23	21.15	4.13	2.25	3.39	7.78	13.41
4	<i>Terminalia bellirica</i> (Gaertner) Roxburgh	19	42.31	18.27	1.58	4.96	2.92	2.99	10.86
5	<i>Lagerstroemia parviflora</i> Roxburgh	22	46.15	21.15	0.29	5.41	3.39	0.55	9.34
6	<i>Sterculia villosa</i> Smith	25	23.08	24.04	0.44	2.70	3.85	0.82	7.37
7	<i>Mallotus philippensis</i> (Lamarck) Mueller	18	34.62	17.31	0.23	4.05	2.77	0.43	7.25
8	<i>Aporosa octandra</i> (D. Don) Vickery	19	26.92	18.27	0.45	3.15	2.92	0.84	6.92
9	<i>Syzygium cumini</i> (L.) Skeels	14	38.46	13.46	0.09	4.51	2.15	0.18	6.84
10	<i>Bauhinia purpurea</i> L.	18	19.23	17.31	0.96	2.25	2.77	1.81	6.83
11	<i>Phoenix loureiri</i> Kunth	21	15.39	20.19	0.26	1.80	3.23	0.49	5.53
12	<i>Terminalia alata</i> Roth	10	23.08	9.62	0.39	2.70	1.54	0.74	4.98
13	<i>Dillenia pentagyna</i> Roxburgh	7	23.08	6.73	0.13	2.70	1.08	0.24	4.02
14	<i>Grewia disperma</i> Rottl. ex Sprengel	8	15.39	7.69	0.13	1.80	1.23	0.25	3.28
15	<i>Heynea trijuga</i> Sims	8	15.39	7.69	0.11	1.80	1.23	0.21	3.24
16	<i>Tectona grandis</i> L.f.	7	11.54	6.73	0.29	1.35	1.08	0.54	2.97
17	<i>Bridelia retusa</i> (L.) Sprengel	6	15.39	5.77	0.03	1.80	0.92	0.05	2.77
18	<i>Anthocephalus cadamba</i> Miquel	2	7.69	1.92	0.83	0.90	0.31	1.57	2.78
19	<i>Dalbergia stipulacea</i> Roxburgh	7	11.54	6.73	0.06	1.35	1.08	0.10	2.53
20	<i>Grewia optiva</i> Burret	6	11.54	5.77	0.06	1.35	0.92	0.11	2.38
21	<i>Michelia champaca</i> L.	1	3.85	0.96	0.95	0.45	0.15	1.78	2.39
22	<i>Terminalia chebula</i> Retzius	5	11.54	4.81	0.02	1.35	0.77	0.03	2.15
23	<i>Stereospermum colais</i> (Dillwyn) Mabblerley	3	11.54	2.88	0.16	1.35	0.46	0.31	2.12
24	<i>Acacia pennata</i> (L.) Willdenow	4	11.54	3.85	0.02	1.35	0.62	0.04	2.01
25	<i>Bauhinia vahlii</i> Wight & Arnott	3	11.54	2.88	0.05	1.35	0.46	0.10	1.92
26	<i>Phyllanthus emblica</i> L.	3	11.54	2.88	0.03	1.35	0.46	0.05	1.87
27	<i>Holarrhena pubescens</i> (Buchnan-Hamilton) G. Don	5	7.69	4.81	0.04	0.90	0.77	0.07	1.74
28	<i>Bridelia sikkimensis</i> Gehrmann	4	7.69	3.85	0.04	0.90	0.62	0.08	1.60
29	<i>Pterospermum acerifolium</i> (L.) Willdenow	4	7.69	3.85	0.03	0.90	0.62	0.06	1.57
30	<i>Bombax ceiba</i> L.	1	3.85	0.96	0.53	0.45	0.15	0.99	1.59
31	<i>Mucuna macrocarpa</i> Wallich	4	7.69	3.85	0.02	0.90	0.62	0.05	1.56
32	<i>Lannea coromandelica</i> (Houttyn) Merrill	3	7.69	2.88	0.07	0.90	0.46	0.13	1.49
33	<i>Syzygium sp</i>	2	7.69	1.92	0.10	0.90	0.31	0.19	1.40
34	<i>Gynocardia odorata</i> R. Brown	1	3.85	0.96	0.42	0.45	0.15	0.79	1.40
35	<i>Phoebe attenuata</i> (Nees) Nees	2	7.69	1.92	0.07	0.90	0.31	0.14	1.34
36	<i>Castanopsis hystrix</i> A. DC.	2	7.69	1.92	0.07	0.90	0.31	0.12	1.33
37	<i>Litsea monopetala</i> (Roxburgh) Persoon	2	7.69	1.92	0.05	0.90	0.31	0.09	1.30
38	<i>Wrightia arborea</i> (Dennstaedt) Mabblerley	2	7.69	1.92	0.05	0.90	0.31	0.09	1.30
39	<i>Grewia sp</i>	4	3.85	3.85	0.12	0.45	0.62	0.23	1.29
40	<i>Meliosma simplicifolia</i> Blume	2	7.69	1.92	0.04	0.90	0.31	0.08	1.29
41	<i>Syzygium formosum</i> (Wallich) Masamune	2	7.69	1.92	0.02	0.90	0.31	0.04	1.25

Table 2 continued..

42	<i>Actinodaphne sikkimensis</i> Meisner	2	7.69	1.92	0.02	0.90	0.31	0.03	1.24
43	<i>Antidesma acidum</i> Retzius	2	7.69	1.92	0.004	0.90	0.31	0.01	1.22
44	<i>Careya arborea</i> Roxburgh	1	3.85	0.96	0.30	0.45	0.15	0.57	1.17
45	<i>Toona ciliata</i> Roemer	1	3.85	0.96	0.26	0.45	0.15	0.49	1.09
46	<i>Pithecolobium angulatum</i> Benth	3	3.85	2.88	0.02	0.45	0.46	0.03	0.94
47	<i>Rhus semialata</i> Murray	3	3.85	2.88	0.01	0.45	0.46	0.03	0.94
48	<i>Oroxylum indicum</i> (L.) Ventenat	2	3.85	1.92	0.08	0.45	0.31	0.16	0.92
49	<i>Aglaia chittagonga</i> Miquel	1	3.85	0.96	0.15	0.45	0.15	0.28	0.89
50	<i>Aglaia lawii</i> (Wight) Ramamoorthy	2	3.85	1.92	0.06	0.45	0.31	0.12	0.88
51	<i>Ficus oligodon</i> Miquel	2	3.85	1.92	0.06	0.45	0.31	0.11	0.87
52	<i>Syzygium balsameum</i> (Wight) Walper	1	3.85	0.96	0.12	0.45	0.15	0.22	0.82
53	<i>Myrsine semiserrata</i> Wallich	2	3.85	1.92	0.03	0.45	0.31	0.05	0.81
54	<i>Holmskioldia sanguinea</i> Retzius	2	3.85	1.92	0.02	0.45	0.31	0.04	0.80
55	<i>Dillenia indica</i> L.	2	3.85	1.92	0.01	0.45	0.31	0.02	0.78
56	<i>Castanopsis lanceifolia</i> (Roxburgh) Hickel & Camus	1	3.85	0.96	0.09	0.45	0.15	0.18	0.78
57	<i>Dalbergia sericea</i> G. Don	2	3.85	1.92	0.00	0.45	0.31	0.00	0.76
58	<i>Sarcosperma arboreum</i> Hook. f.	1	3.85	0.96	0.07	0.45	0.15	0.13	0.74
59	<i>Bridelia</i> sp	1	3.85	0.96	0.04	0.45	0.15	0.07	0.67
60	<i>Gmelina arborea</i> Roxburgh	1	3.85	0.96	0.03	0.45	0.15	0.05	0.66
61	<i>Ixora undulata</i> Roxburgh	1	3.85	0.96	0.03	0.45	0.15	0.05	0.65
62	<i>Adina cordifolia</i> (Roxburgh) Brandis	1	3.85	0.96	0.02	0.45	0.15	0.04	0.64
63	<i>Buchanania lanazan</i> Sprengel	1	3.85	0.96	0.01	0.45	0.15	0.03	0.63
64	<i>Cordia obliqua</i> Willdenow	1	3.85	0.96	0.01	0.45	0.15	0.02	0.63
65	<i>Terminalia arjuna</i> Beddome	1	3.85	0.96	0.01	0.45	0.15	0.02	0.62
66	<i>Cordia grandis</i> Roxburgh	1	3.85	0.96	0.01	0.45	0.15	0.02	0.62
67	<i>Millettia extensa</i> (Benth) Baker	1	3.85	0.96	0.01	0.45	0.15	0.02	0.62
68	<i>Bassia butyracea</i> Roxburgh	1	3.85	0.96	0.01	0.45	0.15	0.01	0.62
69	<i>Albizia julibrissin</i> Durazzini	1	3.85	0.96	0.01	0.45	0.15	0.01	0.62
70	<i>Litsea sebifera</i> (Willdenow) Persoon	1	3.85	0.96	0.01	0.45	0.15	0.01	0.61
71	<i>Wrightia tinctoria</i> (Roxburgh) DC.	1	3.85	0.96	0.004	0.45	0.15	0.01	0.61
72	<i>Millettia pachycarpa</i> Benth	1	3.85	0.96	0.002	0.45	0.15	0.00	0.61
73	<i>Zizyphus xylopyrus</i> Willdenow	1	3.85	0.96	0.002	0.45	0.15	0.00	0.61
74	<i>Acacia</i> sp	1	3.85	0.96	0.002	0.45	0.15	0.00	0.61
75	<i>Dysoxylum procerum</i> Hiern	1	3.85	0.96	0.002	0.45	0.15	0.00	0.61
76	<i>Aporosa roxburghii</i> Baillon	1	3.85	0.96	0.001	0.45	0.15	0.00	0.61
77	<i>Glochidion gamblei</i> Hook. f.	1	3.85	0.96	0.001	0.45	0.15	0.00	0.61

Table 3: Moist Mixed Deciduous Forests

Sl. No.	Name	Ind.	F	D/ha	BA (m <sup>2</sup> )	RF	RD	RDm	IVI
1	<i>Shorea robusta</i> Gaertner f.	35	66.67	58.33	4.73	6.33	10.64	17.37	34.33
2	<i>Schima wallichii</i> (DC.) Korthals	33	53.33	55.00	3.596	5.06	10.03	13.20	28.29
3	<i>Chisocheton paniculatus</i> Hiern	18	33.33	30.00	1.027	3.17	5.47	3.77	12.41
4	<i>Lagerstroemia parviflora</i> Roxburgh	22	40.00	36.67	0.45	3.80	6.69	1.65	12.14
5	<i>Terminalia bellirica</i> (Gaertner) Roxburgh	9	46.67	15.00	0.603	4.43	2.74	2.22	9.38
6	<i>Terminalia alata</i> Roth	13	33.33	21.67	0.573	3.17	3.95	2.10	9.22
7	<i>Tectona grandis</i> L.f.	9	13.33	15.00	1.151	1.27	2.74	4.23	8.23
8	<i>Mallotus philippensis</i> (Lamarck) Mueller	14	33.33	23.33	0.154	3.17	4.26	0.57	7.99
9	<i>Aglaia spectabilis</i> (Miquel) Jain & Bennet	5	26.67	8.33	0.988	2.53	1.52	3.63	7.68
10	<i>Michelia champaca</i> L.	5	20.00	8.33	0.888	1.90	1.52	3.26	6.68
11	<i>Terminalia myriocarpa</i> Heurck & Mueller	6	20.00	10.00	0.773	1.90	1.82	2.84	6.56

Table 3 continued..

12	<i>Dalbergia stipulacea</i> Roxburgh	10	33.33	16.67	0.089	3.17	3.04	0.33	6.53
13	<i>Duabanga grandiflora</i> (DC.) Walper	3	20.00	5.00	0.848	1.90	0.91	3.11	5.92
14	<i>Syzygium cumini</i> (L.) Skeels	8	33.33	13.33	0.056	3.17	2.43	0.21	5.80
15	<i>Ficus benghalensis</i> L.	1	6.67	1.67	1.324	0.63	0.30	4.86	5.80
16	<i>Chukrasia tabularis</i> Jussieu	4	13.33	6.67	0.9	1.27	1.22	3.30	5.79
17	<i>Toona ciliata</i> Roemer	3	20.00	5.00	0.621	1.90	0.91	2.28	5.09
18	<i>Albizia procera</i> (Roxburgh) Benth	2	6.67	3.33	0.77	0.63	0.61	2.83	4.07
19	<i>Holarrhena pubescens</i> (Buchnan-Hamilton) G. Don	5	20.00	8.33	0.136	1.90	1.52	0.50	3.92
20	<i>Tetrameles nudiflora</i> R. Brown	1	6.67	1.67	0.789	0.63	0.30	2.90	3.84
21	<i>Combretum decandrum</i> Roxburgh	7	13.33	11.67	0.079	1.27	2.13	0.29	3.68
22	<i>Aglaiia lawii</i> (Wight) Ramamoorthy	7	13.33	11.67	0.056	1.27	2.13	0.21	3.60
23	<i>Aphanamixis polystachya</i> (Wallich) Parker	5	6.67	8.33	0.391	0.63	1.52	1.43	3.59
24	<i>Syzygium formosum</i> (Wallich) Masam.	3	6.67	5.00	0.554	0.63	0.91	2.03	3.58
25	<i>Garuga floribunda</i> Decaisne	4	6.67	6.67	0.354	0.63	1.22	1.30	3.15
26	<i>Albizia chinensis</i> (Osbeck) Merrill	1	6.67	1.67	0.602	0.63	0.30	2.21	3.15
27	<i>Spondias axillaris</i> Roxburgh	1	6.67	1.67	0.602	0.63	0.30	2.21	3.15
28	<i>Bauhinia purpurea</i> L.	5	13.33	8.33	0.077	1.27	1.52	0.28	3.07
29	<i>Grewia</i> sp	4	6.67	6.67	0.32	0.63	1.22	1.18	3.02
30	<i>Wrightia tinctoria</i> (Roxburgh) DC.	5	13.33	8.33	0.062	1.27	1.52	0.23	3.01
31	<i>Oroxylum indicum</i> (L.) Ventenat	3	20.00	5.00	0.047	1.90	0.91	0.17	2.98
32	<i>Acacia pennata</i> (L.) Willdenow	5	13.33	8.33	0.027	1.27	1.52	0.10	2.89
33	<i>Helicteres hirsuta</i> Loureiro	4	13.33	6.67	0.105	1.27	1.22	0.39	2.87
34	<i>Dillenia pentagyna</i> Roxburgh	3	13.33	5.00	0.173	1.27	0.91	0.64	2.81
35	<i>Bombax ceiba</i> L.	2	13.33	3.33	0.247	1.27	0.61	0.91	2.78
36	<i>Alstonia scholaris</i> (L.) R. Brown	2	13.33	3.33	0.232	1.27	0.61	0.85	2.73
37	<i>Heynea trijuga</i> Sims	3	13.33	5.00	0.14	1.27	0.91	0.52	2.69
38	<i>Ailanthus integrifolia</i> Lamarck	1	6.67	1.67	0.477	0.63	0.30	1.75	2.69
39	<i>Sterculia villosa</i> Smith	1	6.67	1.67	0.451	0.63	0.30	1.65	2.59
40	<i>Castanopsis indica</i> (Roxburgh) A.DC.	1	6.67	1.67	0.407	0.63	0.30	1.50	2.43
41	<i>Aporosa octandra</i> (D. Don) Vickery	3	13.33	5.00	0.019	1.27	0.91	0.07	2.25
42	<i>Bridelia retusa</i> (L.) Sprengel	2	13.33	3.33	0.077	1.27	0.61	0.28	2.16
43	<i>Grewia asiatica</i> L.	2	13.33	3.33	0.076	1.27	0.61	0.28	2.15
44	<i>Cleidion javanicum</i> Blume	4	6.67	6.67	0.066	0.63	1.22	0.24	2.09
45	<i>Phoebe attenuate</i> (Nees) Nees	2	13.33	3.33	0.051	1.27	0.61	0.19	2.06
46	<i>Stereospermum colais</i> (Dillwyn) Mabberley	1	6.67	1.67	0.287	0.63	0.30	1.05	1.99
47	<i>Sphaerosacme decandra</i> (Wallich) Penn.	3	6.67	5.00	0.037	0.63	0.91	0.14	1.68
48	<i>Callicarpa arborea</i> Roxburgh	1	6.67	1.67	0.189	0.63	0.30	0.69	1.63
49	<i>Aralia armata</i> Seemann	2	6.67	3.33	0.105	0.63	0.61	0.39	1.63
50	<i>Litsea glutinosa</i> (Loureiro) Robinson	2	6.67	3.33	0.076	0.63	0.61	0.28	1.52
51	<i>Bauhinia vahlii</i> Wight & Arnott	2	6.67	3.33	0.07	0.63	0.61	0.26	1.50
52	<i>Grewia optiva</i> Burret	2	6.67	3.33	0.03	0.63	0.61	0.11	1.35
53	<i>Cordia grandis</i> Roxburgh	2	6.67	3.33	0.014	0.63	0.61	0.05	1.29
54	<i>Careya arborea</i> Roxburgh	2	6.67	3.33	0.006	0.63	0.61	0.02	1.26
55	<i>Polyalthia simiarum</i> (Hook. f. & Thomson) Hook. f. & Thomson	1	6.67	1.67	0.045	0.63	0.30	0.16	1.10
56	<i>Gmelina arborea</i> Roxburgh	1	6.67	1.67	0.034	0.63	0.30	0.12	1.06
57	<i>Gynocardia odorata</i> R. Brown	1	6.67	1.67	0.031	0.63	0.30	0.11	1.05
58	<i>Horsfieldia kingii</i> (Hook. f.) Warberg	1	6.67	1.67	0.02	0.63	0.30	0.07	1.01
59	<i>Milusa globosa</i> (DC.) Ranig. & Mishra	1	6.67	1.67	0.02	0.63	0.30	0.07	1.01
60	<i>Mangifera indica</i> L.	1	6.67	1.67	0.014	0.63	0.30	0.05	0.99
61	<i>Ampelocissus sikkimensis</i> (Lawson) Planchon	1	6.67	1.67	0.013	0.63	0.30	0.05	0.98
62	<i>Bridelia sikkimensis</i> Gehrmann	1	6.67	1.67	0.01	0.63	0.30	0.04	0.97



**Table 3 continued..**

63	<i>Casaeria glomerata</i> Roxburgh	1	6.67	1.67	0.008	0.63	0.30	0.03	0.97
64	<i>Litsea sebifera</i> (Willdenow) Persoon	1	6.67	1.67	0.008	0.63	0.30	0.03	0.97
65	<i>Maesa chisia</i> D. Don	1	6.67	1.67	0.007	0.63	0.30	0.03	0.96
66	<i>Pavetta</i> sp	1	6.67	1.67	0.007	0.63	0.30	0.03	0.96
67	<i>Syzygium</i> sp	1	6.67	1.67	0.007	0.63	0.30	0.03	0.96
68	<i>Dalbergia sissoo</i> DC.	1	6.67	1.67	0.005	0.63	0.30	0.02	0.96
69	<i>Toona serrata</i> Royle	1	6.67	1.67	0.005	0.63	0.30	0.02	0.96
70	<i>Baccurea ramiflora</i> Loureiro	1	6.67	1.67	0.005	0.63	0.30	0.02	0.95
71	<i>Litsea laeta</i> (Nees) Hook. f.	1	6.67	1.67	0.005	0.63	0.30	0.02	0.95
72	<i>Brassaiopsis hispida</i> Seemann	1	6.67	1.67	0.003	0.63	0.30	0.01	0.95
73	<i>Dalbergia sericea</i> G. Don	1	6.67	1.67	0.003	0.63	0.30	0.01	0.95
74	<i>Micromelum pubescens</i> Blume	1	6.67	1.67	0.003	0.63	0.30	0.01	0.95
75	<i>Milusa roxburghiana</i> (Wallich) Hook. f. & Thomson	1	6.67	1.67	0.003	0.63	0.30	0.01	0.95
76	<i>Cryptocarya amygdalina</i> Nees	1	6.67	1.67	0.003	0.63	0.30	0.01	0.95
77	<i>Soriudeia madagascarensis</i> DC.	1	6.67	1.67	0.002	0.63	0.30	0.01	0.95
78	<i>Antidesma acidum</i> Retzius	1	6.67	1.67	0.002	0.63	0.30	0.01	0.94
79	<i>Lasiococca symphilliaefolia</i> (Gamble) Hook. f.	1	6.67	1.67	0.002	0.63	0.30	0.01	0.94
80	<i>Litsea panamoja</i> (Nees) Hook.f.	1	6.67	1.67	0.002	0.63	0.30	0.01	0.94

**Table 4: Riverine Forests**

Sl. No.	Name	Ind.	F	D/ha	BA (m <sup>2</sup> )	RF	RD	RDm	IVI
1	<i>Sterculia villosa</i> Smith	13	66.67	36.11	4.434	6.32	7.51	24.14	37.97
2	<i>Terminalia bellirica</i> (Gaertner) Roxburgh	15	77.78	41.67	1.977	7.37	8.67	10.76	26.80
3	<i>Terminalia alata</i> Roth	8	33.33	22.22	2.303	3.16	4.62	12.54	20.32
4	<i>Syzygium cumini</i> (L.) Skeels	12	55.56	33.33	1.267	5.26	6.94	6.90	19.10
5	<i>Holarrhena pubescens</i> (Buchnan-Hamilton) G. Don	18	55.56	50.00	0.319	5.26	10.41	1.74	17.40
6	<i>Dillenia pentagyna</i> Roxburgh	8	44.44	22.22	1.24	4.21	4.62	6.75	15.58
7	<i>Aglaia spectabilis</i> (Miquel) Jain & Bennet	7	44.44	19.44	0.723	4.21	4.05	3.94	12.19
8	<i>Careya arborea</i> Roxburgh	6	44.44	16.67	0.762	4.21	3.47	4.15	11.83
9	<i>Lagerstroemia parviflora</i> Roxburgh	5	55.56	13.89	0.604	5.26	2.89	3.29	11.44
10	<i>Syzygium claviflorum</i> (Roxburgh) Cowan & Cowan	10	22.22	27.78	0.365	2.11	5.78	1.99	9.87
11	<i>Aphanamixis polystachya</i> (Wallich) Parker	7	33.33	19.44	0.299	3.16	4.05	1.63	8.83
12	<i>Acacia catechu</i> (L.f.) Willdenow	7	22.22	19.44	0.401	2.11	4.05	2.18	8.33
13	<i>Pterygota alata</i> (Roxburgh) R. Brown	3	33.33	8.33	0.515	3.16	1.73	2.80	7.69
14	<i>Lannea coromandelica</i> (Houttyn) Merrill	2	22.22	5.56	0.552	2.11	1.16	3.00	6.27
15	<i>Strobulus asper</i> Loureiro	4	22.22	11.11	0.286	2.11	2.31	1.56	5.98
16	<i>Choerospondias axillaris</i> (Roxburgh) Burt & Hill	2	22.22	5.56	0.449	2.11	1.16	2.45	5.71
17	<i>Firmiana colorata</i> (Roxburgh) R. Brown	2	22.22	5.56	0.447	2.11	1.16	2.44	5.70
18	<i>Wrightia arborea</i> (Dennstaedt) Mabblerley	4	22.22	11.11	0.123	2.11	2.31	0.67	5.09
19	<i>Casearia vareca</i> Roxburgh	3	33.33	8.33	0.011	3.16	1.73	0.06	4.95
20	<i>Wrightia tinctoria</i> (Roxburgh) DC.	3	22.22	8.33	0.063	2.11	1.73	0.34	4.18
21	<i>Stereospermum colais</i> (Dillwyn) Mabblerley	2	22.22	5.56	0.166	2.11	1.16	0.90	4.16
22	<i>Albizia lucidior</i> (Steudel) Hara	3	22.22	8.33	0.019	2.11	1.73	0.10	3.94
23	<i>Nayariophyton zizyphifolium</i> (Griffith) Paul	2	22.22	5.56	0.038	2.11	1.16	0.21	3.47
24	<i>Acacia pennata</i> (L.) Willdenow	2	22.22	5.56	0.028	2.11	1.16	0.15	3.42
25	<i>Grewia optiva</i> Burret	2	22.22	5.56	0.016	2.11	1.16	0.09	3.35
26	<i>Trewia nodiflora</i> L.	2	11.11	5.56	0.192	1.05	1.16	1.05	3.26

Table 4 continued..

27	<i>Litsea cubeba</i> (Loureiro) Persoon	1	11.11	2.78	0.284	1.05	0.58	1.55	3.18
28	<i>Ventilago denticulata</i> Willdenow	3	11.11	8.33	0.011	1.05	1.73	0.06	2.85
29	<i>Pterospermum acerifolium</i> (L.) Willdenow	1	11.11	2.78	0.23	1.05	0.58	1.25	2.88
30	<i>Persea</i> sp	2	11.11	5.56	0.033	1.05	1.16	0.18	2.39
31	<i>Sapindus rarak</i> DC.	2	11.11	5.56	0.026	1.05	1.16	0.14	2.35
32	<i>Combretum decandrum</i> Roxburgh	2	11.11	5.56	0.005	1.05	1.16	0.03	2.24
33	<i>Bauhinia variegata</i> L.	1	11.11	2.78	0.067	1.05	0.58	0.37	2.00
34	<i>Heynea trijuga</i> Sims	1	11.11	2.78	0.06	1.05	0.58	0.33	1.96
35	<i>Crateva religiosa</i> Forster f. agg.	1	11.11	2.78	0.016	1.05	0.58	0.09	1.72
36	<i>Litsea sebifera</i> (Willdenow) Persoon	1	11.11	2.78	0.011	1.05	0.58	0.06	1.69
37	<i>Hiptage bengalensis</i> (L.) Kurz	1	11.11	2.78	0.009	1.05	0.58	0.05	1.68
38	<i>Shorea robusta</i> Gaertner f.	1	11.11	2.78	0.004	1.05	0.58	0.02	1.65
39	<i>Meliosma pinnata</i> (Roxburgh) Maximowicz	1	11.11	2.78	0.003	1.05	0.58	0.02	1.65
40	<i>Premna mucronata</i> Roxburgh	1	11.11	2.78	0.003	1.05	0.58	0.02	1.65
41	<i>Mallotus philippensis</i> (Lamarck) Mueller	1	11.11	2.78	0.003	1.05	0.58	0.01	1.65
42	<i>Millettia pachycarpa</i> Benthham	1	11.11	2.78	0.003	1.05	0.58	0.01	1.65

Table 5: Sub-Tropical Broad Leaved Hill Forests

Sl. No.	Name	Ind.	F	D/ha	BA (m <sup>2</sup> )	RF	RD	RDm	IVI
1	<i>Schima wallichii</i> (DC.) Korthals	28	50.00	116.7	3.282	3.80	16.28	25.98	46.06
2	<i>Bombax ceiba</i> L.	2	16.67	8.33	2.943	1.27	1.16	23.29	25.72
3	<i>Ostodes paniculata</i> Blume	20	50.00	83.33	0.939	3.80	11.63	7.43	22.86
4	<i>Brassaiopsis hainla</i> (D.Don) Seemann	22	50.00	91.67	0.268	3.80	12.79	2.12	18.71
5	<i>Bassia butyracea</i> Roxburgh	3	50.00	12.50	0.917	3.80	1.74	7.26	12.80
6	<i>Castanopsis lanceifolia</i> (Roxburgh) Hickel & Camus	2	16.67	8.33	0.8	1.27	1.16	6.33	8.76
7	<i>Callicarpa arborea</i> Roxburgh	3	50.00	12.50	0.062	3.80	1.74	0.49	6.03
8	<i>Magnolia pterocarpa</i> Roxburgh	3	33.33	12.50	0.156	2.53	1.74	1.23	5.51
9	<i>Ficus nerifolia</i> Smith	3	33.33	12.50	0.14	2.53	1.74	1.11	5.39
10	<i>Gynocardia odorata</i> R. Brown	2	16.67	8.33	0.371	1.27	1.16	2.94	5.37
11	<i>Acacia pennata</i> (L.) Willdenow	4	33.33	16.67	0.012	2.53	2.33	0.10	4.96
12	<i>Engelhardia spicata</i> Blume	3	33.33	12.50	0.074	2.53	1.74	0.58	4.86
13	<i>Sterculia villosa</i> Smith	2	33.33	8.33	0.127	2.53	1.16	1.01	4.70
14	<i>Castanopsis tribuloides</i> (Smith) A. DC.	1	16.67	4.17	0.334	1.27	0.58	2.65	4.49
15	<i>Duabanga grandiflora</i> (DC.) Walper	1	16.67	4.17	0.334	1.27	0.58	2.65	4.49
16	<i>Litsea cubeba</i> (Loureiro) Persoon	1	16.67	4.17	0.302	1.27	0.58	2.39	4.24
17	<i>Syzygium kurzii</i> (Duthie) Balakrishnan	3	16.67	12.50	0.142	1.27	1.74	1.12	4.13
18	<i>Prunus cerasoides</i> D. Don	3	16.67	12.50	0.127	1.27	1.74	1.01	4.02
19	<i>Ficus semicordata</i> Smith	2	33.33	8.33	0.039	2.53	1.16	0.31	4.00
20	<i>Lagerstroemia parviflora</i> Roxburgh	2	33.33	8.33	0.032	2.53	1.16	0.26	3.95
21	<i>Litsea glutinosa</i> (Loureiro) Robinson	4	16.67	16.67	0.038	1.27	2.33	0.30	3.89
22	<i>Cinnamomum bejolghota</i> (Hamilton) Sweet	2	33.33	8.33	0.009	2.53	1.16	0.08	3.77
23	<i>Maesa chisia</i> D. Don	2	33.33	8.33	0.006	2.53	1.16	0.04	3.74
24	<i>Morus macroura</i> Miquel	3	16.67	12.50	0.066	1.27	1.74	0.52	3.53
25	<i>Macaranga peltata</i> Hook. f.	1	16.67	4.17	0.206	1.27	0.58	1.63	3.48
26	<i>Dendrocnide sinuata</i> (Blume) Chew	3	16.67	12.50	0.03	1.27	1.74	0.24	3.25
27	<i>Grewia asiatica</i> L.	2	16.67	8.33	0.101	1.27	1.16	0.80	3.23
28	<i>Morus laevigata</i> Wallich	3	16.67	12.50	0.027	1.27	1.74	0.22	3.23
29	<i>Litsea panamaja</i> (Nees) Hook. f.	1	16.67	4.17	0.17	1.27	0.58	1.34	3.19
30	<i>Bridelia retusa</i> (L.) Sprengel	3	16.67	12.50	0.016	1.27	1.74	0.13	3.14
31	<i>Albizia lebbeck</i> (L.) Benthham	1	16.67	4.17	0.163	1.27	0.58	1.29	3.14

**Table 5 continued..**

32	<i>Pentapanax fragrans</i> (D. Don) Hara	2	16.67	8.33	0.029	1.27	1.16	0.23	2.66
33	<i>Pandanus nepalensis</i> St John	2	16.67	8.33	0.027	1.27	1.16	0.21	2.64
34	<i>Stereospermum colais</i> (Dillwyn) Mabberley	2	16.67	8.33	0.025	1.27	1.16	0.20	2.63
35	<i>Acer thomsonii</i> Miquel	1	16.67	4.17	0.093	1.27	0.58	0.73	2.58
36	<i>Grewia disperma</i> Sprengel	2	16.67	8.33	0.016	1.27	1.16	0.13	2.56
37	<i>Macaranga indica</i> Wight	2	16.67	8.33	0.016	1.27	1.16	0.13	2.55
38	<i>Crateva unilocularis</i> Hamilton	2	16.67	8.33	0.013	1.27	1.16	0.11	2.53
39	<i>Ficus hookeriana</i> Corner	2	16.67	8.33	0.01	1.27	1.16	0.08	2.51
40	<i>Talauma hodgsonii</i> Hook. f. & Thomson	2	16.67	8.33	0.009	1.27	1.16	0.07	2.50
41	<i>Dalbergia sericea</i> G. Don	1	16.67	4.17	0.031	1.27	0.58	0.24	2.09
42	<i>Rhus semialata</i> Murray	1	16.67	4.17	0.025	1.27	0.58	0.20	2.05
43	<i>Nayariophyton zizyphifolium</i> (Griffith) Paul	1	16.67	4.17	0.018	1.27	0.58	0.15	1.99
44	<i>Leucoseptrum canum</i> Smith	1	16.67	4.17	0.015	1.27	0.58	0.12	1.96
45	<i>Trema orientalis</i> (L.) Blume	1	16.67	4.17	0.014	1.27	0.58	0.11	1.96
46	<i>Pyralia edulis</i> (Wallich) A. DC.	1	16.67	4.17	0.01	1.27	0.58	0.08	1.92
47	<i>Dalbergia stipulacea</i> Roxburgh	1	16.67	4.17	0.008	1.27	0.58	0.06	1.91
48	<i>Mallotus philippensis</i> (Lamarck) Mueller	1	16.67	4.17	0.004	1.27	0.58	0.03	1.88
49	<i>Ailanthus integrifolia</i> Lamarck	1	16.67	4.17	0.004	1.27	0.58	0.03	1.88
50	<i>Ficus elastica</i> Hornemann	1	16.67	4.17	0.004	1.27	0.58	0.03	1.88
51	<i>Phoebe pallida</i> (Nees) Nees	1	16.67	4.17	0.004	1.27	0.58	0.03	1.88
52	<i>Ulmus lanceaefolia</i> Roxburgh	1	16.67	4.17	0.004	1.27	0.58	0.03	1.88
53	<i>Michelia champaca</i> L.	1	16.67	4.17	0.004	1.27	0.58	0.03	1.88
54	<i>Alnus nepalensis</i> D. Don	1	16.67	4.17	0.003	1.27	0.58	0.03	1.87
55	<i>Casaeria glomerata</i> Roxburgh	1	16.67	4.17	0.003	1.27	0.58	0.03	1.87
56	<i>Myrsine semiserrata</i> Wallich	1	16.67	4.17	0.003	1.27	0.58	0.03	1.87
57	<i>Helicia nilagirica</i> Beddome	1	16.67	4.17	0.003	1.27	0.58	0.02	1.87
58	<i>Trevesia palmata</i> Vis	1	16.67	4.17	0.002	1.27	0.58	0.02	1.87
59	<i>Cleidion javanicum</i> Blume	1	16.67	4.17	0.002	1.27	0.58	0.02	1.86
60	<i>Oroxylum indicum</i> (L.) Ventenat	1	16.67	4.17	0.002	1.27	0.58	0.01	1.86

**Table 6: Wet Temperate Forests**

Sl. No	Name	Ind.	F	D/ha	BA (m <sup>2</sup> )	RF	RD	RDm	IVI
1	<i>Lithocarpus pachyphylla</i> (Kurz) Rehder	57	72.73	64.77	25.43	11.43	11.00	35.08	57.52
2	<i>Quercus oxydon</i> Miquel	35	45.46	39.77	16.81	7.14	6.76	23.19	37.09
3	<i>Symplocos bicumina</i> G. Don	77	59.09	87.50	0.78	9.29	14.87	1.08	25.23
4	<i>Symplocos theifolia</i> D. Don	90	31.82	102.3	1.461	5.00	17.38	2.02	24.39
5	<i>Cryptomeria japonica</i> (L.f.) D. Don	28	31.82	31.82	3.877	5.00	5.41	5.35	15.75
6	<i>Tsuga dumosa</i> (D. Don) Eichler	16	27.27	18.18	5.881	4.29	3.09	8.11	15.49
7	<i>Symplocos glomerata</i> Clarke	22	45.46	25.00	0.159	7.14	4.25	0.22	11.61
8	<i>Rhododendron grande</i> Wight	35	22.73	39.77	0.466	3.57	6.76	0.64	10.97
9	<i>Quercus glauca</i> Thunberg	10	22.73	11.36	3.532	3.57	1.93	4.87	10.38
10	<i>Quercus lanata</i> Smith	22	13.64	25.00	2.721	2.14	4.25	3.75	10.14
11	<i>Rhododendron arboreum</i> Smith	21	18.18	23.86	1.521	2.86	4.05	2.10	9.01
12	<i>Quercus acuminata</i> Smith	4	13.64	4.55	2.302	2.14	0.77	3.18	6.09
13	<i>Quercus thomsoniana</i> A. DC.	8	13.64	9.09	1.726	2.14	1.54	2.38	6.07
14	<i>Viburnum erubescens</i> DC.	10	22.73	11.36	0.073	3.57	1.93	0.10	5.60
15	<i>Eurya acuminata</i> DC.	13	13.64	14.77	0.205	2.14	2.51	0.28	4.94
16	<i>Castanopsis hystrix</i> A. DC.	7	9.09	7.95	1.405	1.43	1.35	1.94	4.72
17	<i>Eurya cavineris</i> Vesque	11	9.09	12.50	0.206	1.43	2.12	0.28	3.84
18	<i>Magnolia globosa</i> Hook.f. & Thomson	3	13.64	3.41	0.484	2.14	0.58	0.67	3.39
19	<i>Gamblea ciliata</i> Clarke	3	9.09	3.41	0.751	1.43	0.58	1.04	3.04

**Table 6 continued..**

20	<i>Lyonia ovalifolia</i> (Wallich) Drude	5	9.09	5.68	0.266	1.43	0.97	0.37	2.76
21	<i>Persea odoratissima</i> (Nees) Kostermans	2	9.09	2.27	0.294	1.43	0.39	0.41	2.22
22	<i>Pieris formosa</i> (Wallich) D. Don	3	9.09	3.41	0.049	1.43	0.58	0.07	2.08
23	<i>Machillus edulis</i> Hook. f.	2	9.09	2.27	0.173	1.43	0.39	0.24	2.05
24	<i>Cinnamomum impressinervium</i> Meisner	2	9.09	2.27	0.09	1.43	0.39	0.12	1.94
25	<i>Lindera pulcherrima</i> (Nees) Hook.f.	2	9.09	2.27	0.041	1.43	0.39	0.06	1.87
26	<i>Acer campbellii</i> Hiern	2	4.55	2.27	0.497	0.71	0.39	0.69	1.79
27	<i>Neolitsea cupiala</i> (D. Don) Kostermans	1	4.55	1.14	0.516	0.71	0.19	0.71	1.62
28	<i>Meliosma pinnata</i> (Roxburgh) Maximowicz	3	4.55	3.41	0.225	0.71	0.58	0.31	1.60
29	<i>Litsea kingii</i> Hook. f.	4	4.55	4.55	0.028	0.71	0.77	0.04	1.53
30	<i>Litsea elongata</i> (Nees) Hook. f.	2	4.55	2.27	0.277	0.71	0.39	0.38	1.48
31	<i>Maesa chisia</i> D. Don	3	4.55	3.41	0.019	0.71	0.58	0.03	1.32
32	<i>Castanopsis tribuloides</i> (Smith) A. DC.	2	4.55	2.27	0.059	0.71	0.39	0.08	1.18
33	<i>Ilex kingiana</i> Cockerell	2	4.55	2.27	0.007	0.71	0.39	0.01	1.11
34	<i>Celtis tetrandra</i> Roxburgh	1	4.55	1.14	0.063	0.71	0.19	0.09	0.99
35	<i>Enkianthus deflexus</i> (Griffith) Schneider	1	4.55	1.14	0.029	0.71	0.19	0.04	0.95
36	<i>Neolitsea foliosa</i> (Nees) Gamble	1	4.55	1.14	0.025	0.71	0.19	0.03	0.94
37	<i>Rhododendron griffithianum</i> Wight	1	4.55	1.14	0.016	0.71	0.19	0.02	0.93
38	<i>Litsea lancifolia</i> (Nees) Hook. f.	1	4.55	1.14	0.005	0.71	0.19	0.01	0.92
39	<i>Litsea albescens</i> (Hook. f.) Long	1	4.55	1.14	0.005	0.71	0.19	0.01	0.91
40	<i>Daphne bhoola</i> D. Don	1	4.55	1.14	0.005	0.71	0.19	0.01	0.91
41	<i>Cinnamomum caudatum</i> (Nees) Merrill	1	4.55	1.14	0.003	0.71	0.19	0.00	0.91
42	<i>Exbucklandia populnea</i> (Griffith) R.W. Brown	1	4.55	1.14	0.002	0.71	0.19	0.00	0.91
43	<i>Eurya crassifolia</i> (D. Don) Kobuski	1	4.55	1.14	0.002	0.71	0.19	0.00	0.91
44	<i>Symplocos ramosissima</i> G. Don	1	4.55	1.14	0.002	0.71	0.19	0.00	0.91

**Table 7: Temperate Broad Leaved Forests**

Sl. No	Name	Ind.	F	D/ha	BA (m <sup>2</sup> )	RF	RD	RDm	IVI
1	<i>Lithocarpus pachyphylla</i> (Kurz) Rehder	26	88.89	72.22	12.05	9.76	13.07	34.29	57.11
2	<i>Acer campbellii</i> Hiern	11	66.67	30.56	4.042	7.32	5.53	11.50	24.34
3	<i>Rhododendron grande</i> Wight	20	77.78	55.56	1.942	8.54	10.05	5.52	24.11
4	<i>Quercus glauca</i> Thunberg	11	55.56	30.56	2.649	6.10	5.53	7.54	19.16
5	<i>Quercus lamellosa</i> Smith	6	22.22	16.67	4.555	2.44	3.02	12.96	18.41
6	<i>Symplocos theifolia</i> D. Don	19	44.44	52.78	0.521	4.88	9.55	1.48	15.91
7	<i>Dodecadenia grandiflora</i> Nees	15	44.44	41.67	0.946	4.88	7.54	2.69	15.11
8	<i>Eurya acuminata</i> DC.	10	55.56	27.78	0.09	6.10	5.03	0.26	11.38
9	<i>Magnolia campbellii</i> Hook. f. & Thomson	5	33.33	13.89	1.611	3.66	2.51	4.58	10.76
10	<i>Quercus semiserrata</i> Roxburgh	4	22.22	11.11	2.055	2.44	2.01	5.85	10.29
11	<i>Quercus oxydon</i> Miquel	7	11.11	19.44	1.56	1.22	3.52	4.44	9.17
12	<i>Actinodaphne longipes</i> Kostermans	6	22.22	16.67	1.247	2.44	3.02	3.55	9.00
13	<i>Symplocos lucida</i> (Thunberg) Siebold & Zuccarini	11	22.22	30.56	0.24	2.44	5.53	0.68	8.65
14	<i>Cinnamomum impressinervium</i> Meisner	6	33.33	16.67	0.156	3.66	3.02	0.44	7.12
15	<i>Symplocos glomerata</i> Clarke	6	22.22	16.67	0.047	2.44	3.02	0.13	5.59
16	<i>Daphne papyracea</i> Wallich ex Steudel	5	22.22	13.89	0.037	2.44	2.51	0.11	5.06
17	<i>Ligustrum confusum</i> Decaisne	3	22.22	8.33	0.256	2.44	1.51	0.73	4.67
18	<i>Viburnum erubescens</i> DC.	3	22.22	8.33	0.016	2.44	1.51	0.05	3.99
19	<i>Persea odoratissima</i> (Nees) Kostermans	2	22.22	5.56	0.069	2.44	1.01	0.20	3.64
20	<i>Eurya crassifolia</i> (D. Don) Kobuski	2	22.22	5.56	0.068	2.44	1.01	0.19	3.64
21	<i>Persea clarkeana</i> (Hook.f.) Kostermans	2	22.22	5.56	0.029	2.44	1.01	0.08	3.53



**Table 7 continued..**

22	<i>Celtis tetrandra</i> Roxburgh	4	11.11	11.11	0.062	1.22	2.01	0.18	3.41
23	<i>Quercus thomsoniana</i> A. DC.	2	11.11	5.56	0.294	1.22	1.01	0.84	3.06
24	<i>Acer hookeri</i> Miquel	1	11.11	2.78	0.258	1.22	0.50	0.73	2.46
25	<i>Symplocos dryophila</i> Clarke	2	11.11	5.56	0.04	1.22	1.01	0.11	2.34
26	<i>Salix deltoniana</i> Anderson	1	11.11	2.78	0.167	1.22	0.50	0.48	2.20
27	<i>Euonymus grandiflorus</i> Wallich	1	11.11	2.78	0.053	1.22	0.50	0.15	1.87
28	<i>Lindera assamica</i> (Meisner) Kurz	1	11.11	2.78	0.029	1.22	0.50	0.08	1.80
29	<i>Euonymus tingens</i> Wallich	1	11.11	2.78	0.018	1.22	0.50	0.05	1.77
30	<i>Ilex dipyrena</i> Wallich	1	11.11	2.78	0.016	1.22	0.50	0.05	1.77
31	<i>Garuga floribanda</i> Decaisne	1	11.11	2.78	0.013	1.22	0.50	0.04	1.76
32	<i>Magnolia pterocarpa</i> Roxburgh	1	11.11	2.78	0.007	1.22	0.50	0.02	1.74
33	<i>Lindera pulcherrima</i> (Nees) Hook. f.	1	11.11	2.78	0.003	1.22	0.50	0.01	1.73
34	<i>Daphne bhoulfa</i> D. Don	1	11.11	2.78	0.003	1.22	0.50	0.01	1.73
35	<i>Tetradium fraxinifolia</i> (Hooker) Hartley	1	11.11	2.78	0.002	1.22	0.50	0.01	1.73

**Table 8: *Alnus* Forests**

Sl. No.	Name	Ind.	F	D/ha	BA (m <sup>2</sup> )	RF	RD	RDm	IVI
1	<i>Alnus nepalensis</i> D. Don	57	100	158.3	14.01	33.33	21.84	77.57	132.7
2	<i>Cryptomeria japonica</i> (L.f.) D. Don	30	33.33	83.33	0.437	11.11	34.48	2.42	48.01
3	<i>Engelhardia spicata</i> Blume	3	33.33	8.33	1.640	11.11	3.45	9.08	23.64
4	<i>Ostodes paniculata</i> Blume	5	33.33	13.89	0.017	11.11	5.75	0.10	16.95
5	<i>Schima wallichii</i> (DC.) Korthals	2	11.11	5.56	0.474	3.70	6.90	2.63	13.23
6	<i>Persea</i> sp	2	11.11	5.56	0.243	3.70	6.90	1.35	11.95
7	<i>Casearia graveolens</i> Dalzell	2	22.22	5.56	0.194	7.41	3.45	1.07	11.93
8	<i>Terminalia myriocarpa</i> Heurck & Mueller	1	11.11	2.78	0.325	3.70	3.45	1.80	8.95
9	<i>Syzygium operculatum</i> (Roxburgh) Neidenzu	1	11.11	2.78	0.318	3.70	3.45	1.76	8.91
10	<i>Erythrina stricta</i> Roxburgh	1	11.11	2.78	0.309	3.70	3.45	1.71	8.86
11	<i>Exbucklandia populnea</i> (Griffith) R.W. Brown	1	11.11	2.78	0.076	3.70	3.45	0.42	7.57
12	<i>Macaranga pustulata</i> Hook. f.	1	11.11	2.78	0.018	3.70	3.45	0.10	7.25

**Table 9: Conifer Forests**

Sl. No.	Name	Ind.	F	D/ha	BA (m <sup>2</sup> )	RF	RD	RDm	IVI
1	<i>Rhododendron arboreum</i> Smith	41	66.67	341.7	4.686	15.38	38.68	38.88	92.95
2	<i>Abies densa</i> Miller	35	66.67	291.7	3.875	15.38	33.02	32.15	80.56
3	<i>Tsuga dumosa</i> (D. Don) Eichler	9	66.67	75.00	2.101	15.38	8.49	17.44	41.31
4	<i>Magnolia campbellii</i> Hook. f. & Thomson	2	66.67	16.67	0.708	15.38	1.89	5.87	23.15
5	<i>Rhododendron campanulatum</i> D. Don	10	33.33	83.33	0.057	7.69	9.43	0.47	17.60
6	<i>Acer campbellii</i> Hiern	3	33.33	25.00	0.569	7.69	2.83	4.72	15.24
7	<i>Euonymus tingens</i> Wallich	2	33.33	16.67	0.022	7.69	1.89	0.18	9.76
8	<i>Rhododendron barbatum</i> G. Don	2	33.33	16.67	0.019	7.69	1.89	0.16	9.74
9	<i>Viburnum erubescens</i> DC.	2	33.33	16.67	0.015	7.69	1.89	0.12	9.70

**Table 10: Bamboo Brakes**

Sl. No	Name	Ind.	F	D/ha	BA (m <sup>2</sup> )	RF	RD	RDm	IVI
1	<i>Dendrocalamus hamiltonii</i> Munro	1001	100	2085	3.846	14.82	90.67	33.90	139.4
2	<i>Schima wallichii</i> (DC.) Korthals	8	25.00	16.67	2.174	3.70	0.73	19.16	23.59
3	<i>Bombax ceiba</i> L.	16	66.67	33.33	0.777	9.88	1.45	6.85	18.18
4	<i>Albizia odoratissima</i> (L.f.) Bentham	6	25.00	12.50	1.202	3.70	0.54	10.60	14.84
5	<i>Sterculia villosa</i> Smith	11	66.67	22.92	0.248	9.88	1.00	2.19	13.06
6	<i>Albizia chinensis</i> (Osbeck) Merrill	8	33.33	16.67	0.467	4.94	0.73	4.12	9.78
7	<i>Stereospermum colais</i> (Dillwyn) Mabberley	2	16.67	4.17	0.444	2.47	0.18	3.92	6.57
8	<i>Bischofia javanica</i> Blume	4	8.33	8.33	0.421	1.24	0.36	3.71	5.31
9	<i>Engelhardia spicata</i> Blume	1	8.33	2.08	0.269	1.24	0.09	2.37	3.70
10	<i>Grewia sapida</i> Roxburgh	1	8.33	2.08	0.255	1.24	0.09	2.25	3.57
11	<i>Gynocardia odorata</i> R. Brown	2	8.33	4.17	0.232	1.24	0.18	2.04	3.46
12	<i>Firmiana colorata</i> (Roxburgh) R. Brown	3	25.00	6.25	0.027	3.70	0.27	0.24	4.22
13	<i>Alstonia scholaris</i> (L.) R. Brown	1	8.33	2.08	0.199	1.24	0.09	1.75	3.08
14	<i>Erythrina stricta</i> Roxburgh	1	8.33	2.08	0.145	1.24	0.09	1.28	2.60
15	<i>Drymicarpus racemosus</i> (Roxburgh) Hook. f.	2	16.67	4.17	0.028	2.47	0.18	0.25	2.90
16	<i>Cordia obliqua</i> Willdenow	2	16.67	4.17	0.024	2.47	0.18	0.21	2.86
17	<i>Bauhinia purpurea</i> L.	2	16.67	4.17	0.019	2.47	0.18	0.17	2.82
18	<i>Heteropanax fragrans</i> Seemann	2	16.67	4.17	0.01	2.47	0.18	0.09	2.74
19	<i>Terminalia alata</i> Roth	2	16.67	4.17	0.009	2.47	0.18	0.08	2.73
20	<i>Duabanga grandiflora</i> (DC.) Walper	1	8.33	2.08	0.088	1.24	0.09	0.77	2.10
21	<i>Pandanus nepalensis</i> St John	4	8.33	8.33	0.065	1.24	0.36	0.57	2.17
22	<i>Macaranga pustulata</i> Hook. f.	1	8.33	2.08	0.083	1.24	0.09	0.73	2.06
23	<i>Pentapanax fragrans</i> (D. Don) Hara	1	8.33	2.08	0.064	1.24	0.09	0.57	1.89
24	<i>Tetrameles nudiflora</i> R. Brown	1	8.33	2.08	0.041	1.24	0.09	0.36	1.69
25	<i>Phyllanthus emblica</i> L.	2	8.33	4.17	0.027	1.24	0.18	0.24	1.65
26	<i>Kydia calycina</i> Roxburgh	1	8.33	2.08	0.031	1.24	0.09	0.27	1.60
27	<i>Macaranga indica</i> Wight	1	8.33	2.08	0.027	1.24	0.09	0.24	1.56
28	<i>Bassia butyracea</i> Roxburgh	1	8.33	2.08	0.025	1.24	0.09	0.22	1.55
29	<i>Wrightia arborea</i> (Dennis.) Mabberley	2	8.33	4.17	0.017	1.24	0.18	0.15	1.57
30	<i>Rhus semialata</i> Murray	2	8.33	4.17	0.013	1.24	0.18	0.11	1.53
31	<i>Crateva religiosa</i> Forster f. agg.	1	8.33	2.08	0.014	1.24	0.09	0.12	1.45
32	<i>Terminalia chebula</i> Retzius	1	8.33	2.08	0.013	1.24	0.09	0.11	1.44
33	<i>Lagerstroemia parviflora</i> Roxburgh	2	8.33	4.17	0.004	1.24	0.18	0.04	1.45
34	<i>Ostodes paniculata</i> Blume	1	8.33	2.08	0.01	1.24	0.09	0.09	1.42
35	<i>Bridelia retusa</i> (L.) Sprengel	1	8.33	2.08	0.008	1.24	0.09	0.07	1.40
36	<i>Terminalia bellirica</i> (Gaertner) Roxburgh	1	8.33	2.08	0.005	1.24	0.09	0.05	1.37
37	<i>Mallotus philippensis</i> (Lamarck) Mueller	1	8.33	2.08	0.004	1.24	0.09	0.04	1.36
38	<i>Talauma hodgsonii</i> Hook. f. & Thomson	1	8.33	2.08	0.004	1.24	0.09	0.03	1.36
39	<i>Grewia eriocarpa</i> Jussieu	1	8.33	2.08	0.003	1.24	0.09	0.02	1.35
40	<i>Ficus semicordata</i> Smith	1	8.33	2.08	0.002	1.24	0.09	0.02	1.34
41	<i>Salacia salacioides</i> (Roxburgh) Rao & Hemadri	1	8.33	2.08	0.002	1.24	0.09	0.02	1.34

**Table 11: *Rhododendron* Forests**

Sl. No.	Name	Ind.	F	D/ha	BA (m <sup>2</sup> )	RF	RD	RDm	IVI
1	<i>Rhododendron arboreum</i> Smith	61	100	305	12.05	15.63	50.00	72.91	138.5
2	<i>Rhododendron falconeri</i> Hook. f.	14	20	70	1.206	3.13	11.48	7.30	21.90
3	<i>Lithocarpus pachyphylla</i> (Kurz) Rehder	5	40	25	1.300	6.25	4.10	7.86	18.21
4	<i>Eurya acuminata</i> DC.	6	60	30	0.167	9.38	4.92	1.01	15.30
5	<i>Corylus ferox</i> Wallich	5	40	25	0.691	6.25	4.10	4.18	14.52
6	<i>Enkianthus deflexus</i> (Griffith) Schneider	3	60	15	0.110	9.38	2.46	0.66	12.50
7	<i>Viburnum erubescens</i> DC.	5	40	25	0.067	6.25	4.10	0.41	10.75
8	<i>Symplocos dryophila</i> Clarke	4	40	20	0.041	6.25	3.28	0.25	9.78
9	<i>Daphne papyracea</i> Wallich ex Steudel	2	40	10	0.005	6.25	1.64	0.03	7.92
10	<i>Rhododendron grande</i> Wight	3	20	15	0.170	3.13	2.46	1.03	6.61
11	<i>Prunus napaulensis</i> (Seringe) Steudel	3	20	15	0.161	3.13	2.46	0.97	6.56
12	<i>Symplocos theifolia</i> D. Don	3	20	15	0.092	3.13	2.46	0.55	6.14
13	<i>Lindera griffithii</i> Meisner	2	20	10	0.085	3.13	1.64	0.51	5.28
14	<i>Betula</i> sp	1	20	5	0.149	3.13	0.82	0.90	4.85
15	<i>Lyonia ovalifolia</i> (Wallich) Drude	1	20	5	0.080	3.13	0.82	0.48	4.43
16	<i>Quercus lamellosa</i> Smith	1	20	5	0.080	3.13	0.82	0.48	4.43
17	<i>Symplocos glomerata</i> Clarke	1	20	5	0.045	3.13	0.82	0.27	4.22
18	<i>Lindera pulcherrima</i> (Nees) Hook. f.	1	20	5	0.016	3.13	0.82	0.10	4.04
19	<i>Taxus baccata</i> L.	1	20	5	0.016	3.13	0.82	0.10	4.04

**Table 12: Teak Plantation**

Sl. No.	Name	Ind.	F	D/ha	BA (m <sup>2</sup> )	RF	RD	RDm	IVI
1	<i>Tectona grandis</i> L.f.	105	100	238.6	13.31	23.40	69.08	82.84	175.3
2	<i>Bombax ceiba</i> L.	6	36.36	13.64	1.818	8.51	3.95	11.32	23.77
3	<i>Shorea robusta</i> Gaertner f.	10	45.45	22.73	0.024	10.64	6.58	0.15	17.37
4	<i>Schima wallichii</i> (DC.) Korthals	4	36.36	9.09	0.456	8.51	2.63	2.84	13.98
5	<i>Dalbergia sericea</i> G. Don	5	36.36	11.36	0.012	8.51	3.29	0.07	11.87
6	<i>Albizia lucidior</i> (Steudel) Hara	4	27.27	9.09	0.011	6.38	2.63	0.07	9.08
7	<i>Cassia fistula</i> L.	3	27.27	6.82	0.004	6.38	1.97	0.02	8.38
8	<i>Casaeria glomerata</i> Roxburgh	2	18.18	4.55	0.006	4.26	1.32	0.04	5.61
9	<i>Duabanga grandiflora</i> (DC.) Walper	1	9.09	2.27	0.272	2.13	0.66	1.69	4.48
10	<i>Aphanamixis polystachya</i> (Wallich) Parker	2	9.09	4.55	0.013	2.13	1.32	0.08	3.52
11	<i>Terminalia alata</i> Roth	1	9.09	2.27	0.118	2.13	0.66	0.74	3.52
12	<i>Mallotus philippensis</i> (Lamarck) Mueller	2	9.09	4.55	0.004	2.13	1.32	0.03	3.47
13	<i>Trewia nodiflora</i> L.	1	9.09	2.27	0.004	2.13	0.66	0.02	2.81
14	<i>Tetrameles nudiflora</i> R. Brown	1	9.09	2.27	0.004	2.13	0.66	0.02	2.81
15	<i>Lagerstroemia parviflora</i> Roxburgh	1	9.09	2.27	0.003	2.13	0.66	0.02	2.81
16	<i>Callicarpa arborea</i> Roxburgh	1	9.09	2.27	0.003	2.13	0.66	0.02	2.80
17	<i>Dalbergia volubilis</i> Roxburgh	1	9.09	2.27	0.002	2.13	0.66	0.01	2.80
18	<i>Gmelina arborea</i> Roxburgh	1	9.09	2.27	0.002	2.13	0.66	0.01	2.80
19	<i>Randia</i> sp	1	9.09	2.27	0.002	2.13	0.66	0.01	2.80

**Table 13: Cryptomeria Plantation**

Sl. No.	Name	Ind.	F	D/ha	BA (m <sup>2</sup> )	RF	RD	RDm	IVI
1	<i>Cryptomeria japonica</i> (L.f.) D.Don	113	100	706.3	10.30	44.44	91.87	99.78	236.1
2	<i>Acer campbellii</i> Hiem	3	25	18.75	0.008	11.11	2.44	0.08	13.63
3	<i>Elaeocarpus sikkimensis</i> Masters	3	25	18.75	0.007	11.11	2.44	0.07	13.62
4	<i>Mahonia nepaulensis</i> DC.	1	25	6.25	0.002	11.11	0.81	0.02	11.94
5	<i>Neolitsea foliosa</i> (Nees) Gamble	1	25	6.25	0.002	11.11	0.81	0.02	11.94
6	<i>Symplocos glomerata</i> Clarke	2	25	12.5	0.003	11.11	1.63	0.03	12.77

**Table 14: Degraded Forests**

Sl. No.	Name	Ind.	F	D/ha	BA (m <sup>2</sup> )	RF	RD	RDm	IVI
1	<i>Dendrocalamus hamiltonii</i> Munro	623	100	2225	2.477	12.73	89.13	35.45	137.3
2	<i>Bauhinia purpurea</i> L.	1	14.29	3.57	1.762	1.82	0.14	25.21	27.18
3	<i>Heteropanax fragrans</i> Seemann	14	71.43	50.00	0.056	9.09	2.00	0.80	11.90
4	<i>Schima wallichii</i> (DC.) Korthals	6	57.14	21.43	0.145	7.27	0.86	2.08	10.21
5	<i>Careya arborea</i> Roxburgh	1	14.29	3.57	0.398	1.82	0.14	5.70	7.66
6	<i>Glochidion gamblei</i> Hook. f.	1	14.29	3.57	0.351	1.82	0.14	5.02	6.98
7	<i>Terminalia alata</i> Roth	11	57.14	39.29	0.006	7.27	1.57	0.09	8.94
8	<i>Bauhinia purpurea</i> L.	3	42.86	10.71	0.102	5.45	0.43	1.46	7.34
9	<i>Alstonia scholaris</i> (L.) R. Brown	1	14.29	3.57	0.269	1.82	0.14	3.86	5.82
10	<i>Gynocardia odorata</i> R. Brown	1	14.29	3.57	0.260	1.82	0.14	3.72	5.68
11	<i>Lagerstroemia parviflora</i> Roxburgh	3	42.86	10.71	0.063	5.45	0.43	0.90	6.78
12	<i>Callicarpa vestita</i> Wallich	3	28.57	10.71	0.109	3.64	0.43	1.56	5.62
13	<i>Macaranga pustulata</i> Hook. f.	1	14.29	3.57	0.147	1.82	0.14	2.11	4.07
14	<i>Albizia procera</i> (Roxburgh) Bentham	6	14.29	21.43	0.109	1.82	0.86	1.56	4.24
15	<i>Mallotus philippensis</i> (Lamarck) Mueller	3	14.29	10.71	0.109	1.82	0.43	1.56	3.81
16	<i>Dalbergia stipulacea</i> Roxburgh	2	28.57	7.14	0.028	3.64	0.29	0.41	4.33
17	<i>Grewia eriocarpa</i> Jussieu	1	14.29	3.57	0.118	1.82	0.14	1.69	3.65
18	<i>Lithocarpus elegans</i> (Blume) Soepadmo	1	14.29	3.57	0.109	1.82	0.14	1.56	3.52
19	<i>Callicarpa arborea</i> Roxburgh	3	28.57	10.71	0.002	3.64	0.43	0.03	4.09
20	<i>Stereospermum colais</i> (Dillwyn) Mabberley	2	28.57	7.14	0.008	3.64	0.29	0.12	4.04
21	<i>Crateva religiosa</i> Forster f. agg.	1	14.29	3.57	0.091	1.82	0.14	1.30	3.26
22	<i>Terminalia bellirica</i> (Gaertner) Roxburgh	1	14.29	3.57	0.088	1.82	0.14	1.25	3.22
23	<i>Pterospermum acerifolium</i> (L.) Willdenow	1	14.29	3.57	0.059	1.82	0.14	0.84	2.80
24	<i>Bridelia sikkimensis</i> Gehrmann	1	14.29	3.57	0.040	1.82	0.14	0.57	2.54
25	<i>Castanopsis indica</i> (Roxburgh) A. DC.	2	14.29	7.14	0.014	1.82	0.29	0.20	2.31
26	<i>Castanopsis tribuloides</i> (Smith) A. DC.	1	14.29	3.57	0.019	1.82	0.14	0.27	2.23
27	<i>Bombax ceiba</i> L.	1	14.29	3.57	0.017	1.82	0.14	0.24	2.20
28	<i>Nayariophyton zizyphifolium</i> (Griffith) Paul	1	14.29	3.57	0.016	1.82	0.14	0.23	2.19
29	<i>Albizia odoratissima</i> (L.f.) Bentham	1	14.29	3.57	0.009	1.82	0.14	0.12	2.09
30	<i>Acrocarpus fraxinifolius</i> Arnott	1	14.29	3.57	0.004	1.82	0.14	0.05	2.01
31	<i>Castanopsis lanceifolia</i> (Roxburgh) Hickel & Camus	1	14.29	3.57	0.002	1.82	0.14	0.03	1.99



## Annexure II

Phytosociological analysis for the shrub layers in different forest types in Darjiling Hills

**Table 1: Tropical Semi-evergreen Forests**

Sl. No.	Name	Ind.	F	D/m <sup>2</sup>	A	RF	RD	RA	IVI
1	<i>Clerodendrum viscosum</i> Ventenat	154	35.71	0.440	30.80	5.56	32.84	21.34	59.73
2	<i>Boehmeria glomerulifera</i> Miquel	41	35.71	0.117	8.20	5.56	8.74	5.68	19.98
3	<i>Leea indica</i> (Burman) Merrill	38	42.86	0.109	6.33	6.67	8.10	4.39	19.16
4	<i>Coffea bengalensis</i> Schultes	33	42.86	0.094	5.50	6.67	7.04	3.81	17.51
5	<i>Indigofera dosua</i> D. Don	24	14.29	0.069	12.00	2.22	5.12	8.32	15.66
6	<i>Colebrookea oppositifolia</i> Smith	24	35.71	0.069	4.80	5.56	5.12	3.33	14.00
7	<i>Uvaria hamiltonii</i> Hook. f. & Thomson	19	42.86	0.054	3.17	6.67	4.05	2.19	12.91
8	<i>Smilax lanceifolia</i> Roxburgh	21	28.57	0.060	5.25	4.44	4.48	3.64	12.56
9	<i>Smilax ovalifolia</i> Roxburgh	18	35.71	0.051	3.60	5.56	3.84	2.50	11.89
10	<i>Dendrocide sinuata</i> (Blume) Chew	13	42.86	0.037	2.17	6.67	2.77	1.50	10.94
11	<i>Eupatorium odoratum</i> L.	9	21.43	0.026	3.00	3.33	1.92	2.08	7.33
12	<i>Gouania leptostachya</i> DC.	6	7.14	0.017	6.00	1.11	1.28	4.16	6.55
13	<i>Arundina graminifolia</i> (D. Don) Hochreutiner	7	14.29	0.020	3.50	2.22	1.49	2.43	6.14
14	<i>Leea aequata</i> L.	6	14.29	0.017	3.00	2.22	1.28	2.08	5.58
15	<i>Thysanolaena maxima</i> (Roxburgh) Kuntze	5	14.29	0.014	2.50	2.22	1.07	1.73	5.02
16	<i>Lantana camara</i> L.	4	14.29	0.011	2.00	2.22	0.85	1.39	4.46
17	<i>Paramignya monophylla</i> Wight	4	14.29	0.011	2.00	2.22	0.85	1.39	4.46
18	<i>Calamus erectus</i> Roxburgh	3	14.29	0.009	1.50	2.22	0.64	1.04	3.90
19	<i>Cestrum aruntiacum</i> Lindley	3	7.14	0.009	3.00	1.11	0.64	2.08	3.83
20	<i>Leycesteria formosa</i> Wallich	3	7.14	0.009	3.00	1.11	0.64	2.08	3.83
21	<i>Mussaenda macrophylla</i> Wallich	3	7.14	0.009	3.00	1.11	0.64	2.08	3.83
22	<i>Piper pedicellatum</i> C.DC.	3	7.14	0.009	3.00	1.11	0.64	2.08	3.83
23	<i>Smilax zeylanica</i> L.	3	7.14	0.009	3.00	1.11	0.64	2.08	3.83
24	<i>Leea guineensis</i> G. Don	2	14.29	0.006	1.00	2.22	0.43	0.69	3.34
25	<i>Croton caudatus</i> Geiseler	2	7.14	0.006	2.00	1.11	0.43	1.39	2.92
26	<i>Desmodium laxiflorum</i> DC.	2	7.14	0.006	2.00	1.11	0.43	1.39	2.92
27	<i>Psychotria calocarpa</i> Kurz	2	7.14	0.006	2.00	1.11	0.43	1.39	2.92
28	<i>Pueraria sikkimensis</i> Prain	2	7.14	0.006	2.00	1.11	0.43	1.39	2.92
29	<i>Vernonia subsessilis</i> DC.	2	7.14	0.006	2.00	1.11	0.43	1.39	2.92
30	<i>Viburnum colebrookeanum</i> DC.	2	7.14	0.006	2.00	1.11	0.43	1.39	2.92
31	<i>Alchornea tilifolia</i> (Bentham) Mueller	1	7.14	0.003	1.00	1.11	0.21	0.69	2.02
32	<i>Artemisia indica</i> Willdenow	1	7.14	0.003	1.00	1.11	0.21	0.69	2.02
33	<i>Buddleja asiatica</i> Loureiro	1	7.14	0.003	1.00	1.11	0.21	0.69	2.02
34	<i>Clematis acuminata</i> DC.	1	7.14	0.003	1.00	1.11	0.21	0.69	2.02
35	<i>Clerodendrum japonicum</i> (Thunberg) Sweet	1	7.14	0.003	1.00	1.11	0.21	0.69	2.02
36	<i>Combretum decandrum</i> Roxburgh	1	7.14	0.003	1.00	1.11	0.21	0.69	2.02
37	<i>Leea alata</i> Edgeworth	1	7.14	0.003	1.00	1.11	0.21	0.69	2.02
38	<i>Maesa chisia</i> D. Don	1	7.14	0.003	1.00	1.11	0.21	0.69	2.02
39	<i>Piper sp.</i>	1	7.14	0.003	1.00	1.11	0.21	0.69	2.02
40	<i>Thespesia divaricata</i> (Cavanilles)	1	7.14	0.003	1.00	1.11	0.21	0.69	2.02
41	<i>Thunbergia fragrans</i> Roxburgh	1	7.14	0.003	1.00	1.11	0.21	0.69	2.02

**Table 2: Himalayan Sal Forests**

Sl. No.	Name	Ind.	F	D/m <sup>2</sup>	A	RF	RD	RA	IVI
1	<i>Clerodendrum viscosum</i> Ventenat	843	63.46	0.648	25.55	7.22	25.24	4.319	36.78
2	<i>Uraia lagopodioides</i> (L.) Desvaux	383	23.08	0.295	31.92	2.63	11.47	5.396	19.49
3	<i>Eupatorium odoratum</i> L.	281	32.69	0.216	16.53	3.72	8.41	2.795	14.93
4	<i>Shorea robusta</i> Gaertner f.	155	38.46	0.119	7.75	4.38	4.64	1.310	10.33

Table 2 continued..

5	<i>Mallotus philippensis</i> (Lamarck) Mueller	80	48.08	0.062	3.20	5.47	2.40	0.541	8.41
6	<i>Dalbergia sericea</i> G. Don	118	30.77	0.091	7.38	3.50	3.53	1.247	8.28
7	<i>Coffea bengalensis</i> Schultes	95	26.92	0.073	6.79	3.06	2.84	1.147	7.06
8	<i>Blumea densiflora</i> DC.	89	19.23	0.068	8.90	2.19	2.67	1.505	6.36
9	<i>Millettia extensa</i> (Bentham) Baker	79	11.54	0.061	13.17	1.31	2.37	2.226	5.90
10	<i>Smilax zeylanica</i> L.	37	32.69	0.028	2.18	3.72	1.11	0.368	5.20
11	<i>Strobilanthes divaricata</i> (Nees) Anderson	26	1.92	0.020	26.00	0.22	0.78	4.396	5.39
12	<i>Millettia</i> sp	40	3.85	0.031	20.00	0.44	1.20	3.382	5.02
13	<i>Thysanolaena maxima</i> (Roxburgh) Kuntze	60	15.39	0.046	7.50	1.75	1.80	1.268	4.82
14	<i>Desmodium motorium</i> (Houttyn) Merrill	60	13.46	0.046	8.57	1.53	1.80	1.449	4.78
15	<i>Strobilanthes</i> sp	39	3.85	0.030	19.50	0.44	1.17	3.297	4.90
16	<i>Pavetta indica</i> L.	51	7.69	0.039	12.75	0.88	1.53	2.156	4.56
17	<i>Heynea trijuga</i> Sims	43	21.15	0.033	3.91	2.41	1.29	0.661	4.36
18	<i>Zizyphus xylopyrus</i> Willdenow	49	7.69	0.038	12.25	0.88	1.47	2.071	4.41
19	<i>Combretum decandrum</i> Roxburgh	44	19.23	0.034	4.40	2.19	1.32	0.744	4.25
20	<i>Bauhinia vahlii</i> Wight & Arnott	45	17.31	0.035	5.00	1.97	1.35	0.845	4.16
21	<i>Murraya paniculata</i> (L.) Jack	19	1.92	0.015	19.00	0.22	0.57	3.212	4.00
22	<i>Morinda citrifolia</i> auct. Non L.	34	15.39	0.026	4.25	1.75	1.02	0.719	3.49
23	<i>Litsea monopetala</i> (Roxburgh) Persoon	22	21.15	0.017	2.00	2.41	0.66	0.338	3.40
24	<i>Macaranga peltata</i> Hook. f.	32	5.77	0.025	10.67	0.66	0.96	1.803	3.42
25	<i>Alchornea mollis</i> (Bentham) Mueller	16	1.92	0.012	16.00	0.22	0.48	2.705	3.40
26	<i>Barleria</i> sp	16	1.92	0.012	16.00	0.22	0.48	2.705	3.40
27	<i>Thespesia lampas</i> (Cavanilles) Dalzell & Gibson	16	1.92	0.012	16.00	0.22	0.48	2.705	3.40
28	<i>Aporosa octandra</i> (D. Don) Vickery	26	15.39	0.020	3.25	1.75	0.78	0.550	3.08
29	<i>Phyllanthus reticulatus</i> Poiret	28	13.46	0.022	4.00	1.53	0.84	0.676	3.05
30	<i>Desmodium oblongum</i> Bentham	25	5.77	0.019	8.33	0.66	0.75	1.409	2.81
31	<i>Flemingia macrophylla</i> (Willdenow) Merrill	22	11.54	0.017	3.67	1.31	0.66	0.620	2.59
32	<i>Flemingia strobilifera</i> (L.) Aiton	24	7.69	0.018	6.00	0.88	0.72	1.014	2.61
33	<i>Cordia obliqua</i> Willdenow	18	11.54	0.014	3.00	1.31	0.54	0.507	2.36
34	<i>Desmodium</i> sp	11	1.92	0.008	11.00	0.22	0.33	1.860	2.41
35	<i>Desmodium laxiflorum</i> DC.	10	1.92	0.008	10.00	0.22	0.30	1.691	2.21
36	<i>Sida acuta</i> Burman f.	16	7.69	0.012	4.00	0.88	0.48	0.676	2.03
37	<i>Wrightia tinctoria</i> (Roxburgh) DC.	15	7.69	0.012	3.75	0.88	0.45	0.634	1.96
38	<i>Phoenix loureiri</i> Kunth	14	5.77	0.011	4.67	0.66	0.42	0.789	1.87
39	<i>Bridelia retusa</i> (L.) Sprengel	11	9.62	0.008	2.20	1.09	0.33	0.372	1.80
40	<i>Smilax ovalifolia</i> Roxburgh	11	9.62	0.008	2.20	1.09	0.33	0.372	1.80
41	<i>Lagerstroemia parviflora</i> Roxburgh	8	11.54	0.006	1.33	1.31	0.24	0.225	1.78
42	<i>Flemingia</i> sp	12	3.85	0.009	6.00	0.44	0.36	1.014	1.81
43	<i>Boehmeria platyphylla</i> D. Don	12	5.77	0.009	4.00	0.66	0.36	0.676	1.69
44	<i>Dendrocalamus hamiltonii</i> Munro	11	3.85	0.008	5.50	0.44	0.33	0.930	1.70
45	<i>Millettia pachycarpa</i> Bentham	11	3.85	0.008	5.50	0.44	0.33	0.930	1.70
46	<i>Flemingia</i> sp	7	1.92	0.005	7.00	0.22	0.21	1.184	1.61
47	<i>Bridelia</i> sp	10	3.85	0.008	5.00	0.44	0.30	0.845	1.58
48	<i>Acacia pennata</i> (L.) Willdenow	7	9.62	0.005	1.40	1.09	0.21	0.237	1.54
49	<i>Phyllanthus emblica</i> L.	9	7.69	0.007	2.25	0.88	0.27	0.380	1.53
50	<i>Desmodium</i> sp	10	5.77	0.008	3.33	0.66	0.30	0.564	1.52
51	<i>Terminalia bellirica</i> (Gaertner) Roxburgh	8	7.69	0.006	2.00	0.88	0.24	0.338	1.45
52	<i>Tephrosia candida</i> DC.	9	3.85	0.007	4.50	0.44	0.27	0.761	1.47
53	<i>Mucuna macrocarpa</i> Wallich	7	7.69	0.005	1.75	0.88	0.21	0.296	1.38
54	<i>Actinodaphne sikkimensis</i> Meisner	6	1.92	0.005	6.00	0.22	0.18	1.014	1.41
55	<i>Boehmeria glomerulifera</i> Miquel	8	3.85	0.006	4.00	0.44	0.24	0.676	1.35
56	<i>Phlogacanthus thyrsoformis</i> (Hardwicke) Mabbertley	8	3.85	0.006	4.00	0.44	0.24	0.676	1.35
57	<i>Sauropus quadrangularis</i> (Willdenow) Mueller	8	3.85	0.006	4.00	0.44	0.24	0.676	1.35
58	<i>Butea parviflora</i> Roxburgh	5	1.92	0.004	5.00	0.22	0.15	0.845	1.21
59	<i>Uvaria hamiltonii</i> Hook. f. & Thomson	5	1.92	0.004	5.00	0.22	0.15	0.845	1.21
60	<i>Vernonia malabarica</i> Hook. f.	5	1.92	0.004	5.00	0.22	0.15	0.845	1.21

Table 2 continued..

61	<i>Holarthra pubescens</i> (Buchnan-Hamilton) G. Don	4	7.69	0.003	1.00	0.88	0.12	0.169	1.16
62	<i>Premna</i> sp	6	5.77	0.005	2.00	0.66	0.18	0.338	1.17
63	<i>Cryptolepis sinensis</i> (Loureiro) Merrill	6	3.85	0.005	3.00	0.44	0.18	0.507	1.13
64	<i>Desmodium dioicum</i> DC.	6	3.85	0.005	3.00	0.44	0.18	0.507	1.13
65	<i>Ixora javanica</i> (Blume) DC.	6	3.85	0.005	3.00	0.44	0.18	0.507	1.13
66	<i>Acacia</i> sp	5	5.77	0.004	1.67	0.66	0.15	0.282	1.09
67	<i>Smilax lanceifolia</i> Roxburgh	5	5.77	0.004	1.67	0.66	0.15	0.282	1.09
68	<i>Schima wallichii</i> (DC.) Korthals	4	5.77	0.003	1.33	0.66	0.12	0.225	1.00
69	<i>Glochidion gamblei</i> Hook. f.	5	3.85	0.004	2.50	0.44	0.15	0.423	1.01
70	<i>Plectranthus scrophulorioides</i> (Bentham) Murata	5	3.85	0.004	2.50	0.44	0.15	0.423	1.01
71	<i>Sterculia villosa</i> Smith	5	3.85	0.004	2.50	0.44	0.15	0.423	1.01
72	<i>Triumfetta rhomboidea</i> Jacquin	5	3.85	0.004	2.50	0.44	0.15	0.423	1.01
73	<i>Callicarpa vestita</i> Wallich	4	1.92	0.003	4.00	0.22	0.12	0.676	1.02
74	<i>Maesa indica</i> (Roxburgh) A. DC.	4	1.92	0.003	4.00	0.22	0.12	0.676	1.02
75	<i>Sauropus compressus</i> Mueller	4	1.92	0.003	4.00	0.22	0.12	0.676	1.02
76	<i>Flemingia chappar</i> Buchnan-Hamilton ex Bentham	4	3.85	0.003	2.00	0.44	0.12	0.338	0.90
77	<i>Leea aequata</i> L.	4	3.85	0.003	2.00	0.44	0.12	0.338	0.90
78	<i>Litsea sebifera</i> (Willdenow) Persoon	4	3.85	0.003	2.00	0.44	0.12	0.338	0.90
79	<i>Phoebe attenuata</i> (Nees) Nees	4	3.85	0.003	2.00	0.44	0.12	0.338	0.90
80	<i>Soriudeia madagascarensis</i> DC.	4	3.85	0.003	2.00	0.44	0.12	0.338	0.90
81	<i>Bridelia sikkimensis</i> Gehrmann	3	1.92	0.002	3.00	0.22	0.09	0.507	0.82
82	<i>Castanopsis hystrix</i> A. DC.	3	1.92	0.002	3.00	0.22	0.09	0.507	0.82
83	<i>Smilax</i> sp.	3	1.92	0.002	3.00	0.22	0.09	0.507	0.82
84	<i>Butea</i> sp	3	3.85	0.002	1.50	0.44	0.09	0.254	0.78
85	<i>Casaeria glomerata</i> Roxburgh	3	3.85	0.002	1.50	0.44	0.09	0.254	0.78
86	<i>Colebrookea oppositifolia</i> Smith	3	3.85	0.002	1.50	0.44	0.09	0.254	0.78
87	<i>Dittoceras andersonii</i> Hook. f.	3	3.85	0.002	1.50	0.44	0.09	0.254	0.78
88	<i>Syzygium cumini</i> (L.) Skeels	3	3.85	0.002	1.50	0.44	0.09	0.254	0.78
89	<i>Terminalia alata</i> Roth	3	3.85	0.002	1.50	0.44	0.09	0.254	0.78
90	<i>Paramignya monophylla</i> Wight	2	3.85	0.002	1.00	0.44	0.06	0.169	0.67
91	<i>Mimosa himalayana</i> Gamble	2	1.92	0.002	2.00	0.22	0.06	0.338	0.62
92	<i>Baliospermum calycinum</i> Mueller	2	1.92	0.002	2.00	0.22	0.06	0.338	0.62
93	<i>Boehmeria macrophylla</i> Hornemann var <i>scabrela</i> (Roxburgh) Long	2	1.92	0.002	2.00	0.22	0.06	0.338	0.62
94	<i>Boeninghausenia albiflora</i> Reichenbach	2	1.92	0.002	2.00	0.22	0.06	0.338	0.62
95	<i>Brynia vitis-idaea</i> (Burman f.) Fischer	2	1.92	0.002	2.00	0.22	0.06	0.338	0.62
96	<i>Dalbergia</i> sp	2	1.92	0.002	2.00	0.22	0.06	0.338	0.62
97	<i>Vitis pedata</i> (Lamaire) Vahl ex Wallich	2	1.92	0.002	2.00	0.22	0.06	0.338	0.62
98	<i>Mucuna pruriens</i> (L.) DC.	2	1.92	0.002	2.00	0.22	0.06	0.338	0.62
99	<i>Piper</i> sp	2	1.92	0.002	2.00	0.22	0.06	0.338	0.62
100	<i>Smilax zeylanica</i> L.	2	1.92	0.002	2.00	0.22	0.06	0.338	0.62
101	<i>Syzygium</i> sp	2	1.92	0.002	2.00	0.22	0.06	0.338	0.62
102	<i>Urena lobata</i> L.	2	1.92	0.002	2.00	0.22	0.06	0.338	0.62
103	<i>Adina cardiophylla</i> (Masters) Engler	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
104	<i>Ampelocissus sikkimensis</i> (Lawson) Planchon	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
105	<i>Anisomeles indica</i> (L.) Kuntze	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
106	<i>Aspidopterys nutans</i> (Roxburgh) Hook. f.	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
107	<i>Bassia butyracea</i> Roxburgh	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
108	<i>Bauhinia purpurea</i> L.	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
109	<i>Boehmeria macrophylla</i> Hornemann	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
110	<i>Caesalpinia cucullata</i> Roxburgh	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
111	<i>Celtis tetrandra</i> Roxburgh	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
112	<i>Ficus cyrtophylla</i> Miquel	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
113	<i>Gomphostemma</i> sp.	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
114	<i>Grewia</i> sp	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
115	<i>Holmskioldia sanguinea</i> Retzius	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42

Table 2 continued..

116	<i>Leea sp</i>	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
117	<i>Murraya koenigii</i> (L.) Sprengel	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
118	<i>Pavetta crassicaulis</i> Bremek	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
119	<i>Pavetta tomentosa</i> Smith	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
120	<i>Premna bengalensis</i> Clarke	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
121	<i>Pterospermum acerifolium</i> (L.) Willdenow	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
122	<i>Quercus glauca</i> Thunberg	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
123	<i>Syzygium claviflorum</i> (Roxburgh) Cowan & Cowan	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
124	<i>Vallisneria spiralis</i> (L.) O. Kuntze	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
125	<i>Wendlandia wallichii</i> Wight & Arnott	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42
126	<i>Woodfordia fruticosa</i> (L.) Kurz	1	1.92	0.001	1.00	0.22	0.03	0.169	0.42

Table 3: Moist Mixed Deciduous Forests

Sl. No.	Name	Ind.	F	D/m <sup>2</sup>	A	RF	RD	RA	IVI
1	<i>Clerodendrum viscosum</i> Ventenat	954	93.33	1.272	34.07	9.83	36.12	5.58	51.52
2	<i>Coffea bengalensis</i> Schultes	393	60.00	0.524	21.83	6.32	14.88	3.57	24.77
3	<i>Eupatorium odoratum</i> L.	179	70.00	0.239	8.52	7.37	6.78	1.40	15.54
4	<i>Butea parviflora</i> Roxburgh	51	3.33	0.068	51.00	0.35	1.93	8.35	10.63
5	<i>Urena lobata</i> L.	102	13.33	0.136	25.50	1.40	3.86	4.17	9.44
6	<i>Mallotus philippensis</i> (Lamarck) Mueller	55	53.33	0.073	3.44	5.61	2.08	0.56	8.26
7	<i>Boehmeria glomerulifera</i> Miquel	36	3.33	0.048	36.00	0.35	1.36	5.89	7.61
8	<i>Clerodendrum japonicum</i> (Thunberg) Sweet	67	10.00	0.089	22.33	1.05	2.54	3.66	7.25
9	<i>Shorea robusta</i> Gaertner f.	45	23.33	0.060	6.43	2.46	1.70	1.05	5.21
10	<i>Sida acuta</i> Burman f.	22	3.33	0.029	22.00	0.35	0.83	3.60	4.79
11	<i>Millettia sp</i>	40	20.00	0.053	6.67	2.11	1.52	1.09	4.71
12	<i>Combretum decandrum</i> Roxburgh	34	23.33	0.045	4.86	2.46	1.29	0.80	4.54
13	<i>Triumfetta rhomboidea</i> Jacquin	35	20.00	0.047	5.83	2.11	1.33	0.96	4.39
14	<i>Smilax zeylanica</i> L.	30	23.33	0.040	4.29	2.46	1.14	0.70	4.29
15	<i>Uvaria hamiltonii</i> Hook. f. & Thomson	24	23.33	0.032	3.43	2.46	0.91	0.56	3.93
16	<i>Macaranga peltata</i> Hook. f.	25	6.67	0.033	12.50	0.70	0.95	2.05	3.69
17	<i>Strobilanthes capitata</i> (Nees) Anderson	27	13.33	0.036	6.75	1.40	1.02	1.11	3.53
18	<i>Acacia gageana</i> Craib	21	6.67	0.028	10.50	0.70	0.80	1.72	3.22
19	<i>Bauhinia vahlii</i> Wight & Arnott	20	16.67	0.027	4.00	1.75	0.76	0.66	3.17
20	<i>Casaeria glomerata</i> Roxburgh	14	3.33	0.019	14.00	0.35	0.53	2.29	3.17
21	<i>Litsea monopetala</i> (Roxburgh) Persoon	16	20.00	0.021	2.67	2.11	0.61	0.44	3.15
22	<i>Geniosporum coloratum</i> (D. Don) Kuntze	18	6.67	0.024	9.00	0.70	0.68	1.47	2.86
23	<i>Bridelia retusa</i> (L.) Sprengel	18	13.33	0.024	4.50	1.40	0.68	0.74	2.82
24	<i>Achyropermum wallichiana</i> Benth	12	3.33	0.016	12.00	0.35	0.45	1.96	2.77
25	<i>Bauhinia scandens</i> L.	12	3.33	0.016	12.00	0.35	0.45	1.96	2.77
26	<i>Lantana camara</i> L.	16	13.33	0.021	4.00	1.40	0.61	0.66	2.66
27	<i>Smilax lanceifolia</i> Roxburgh	15	13.33	0.020	3.75	1.40	0.57	0.61	2.59
28	<i>Mallotus roxburghianus</i> Mueller	15	6.67	0.020	7.50	0.70	0.57	1.23	2.50
29	<i>Heynea trijuga</i> Sims	10	3.33	0.013	10.00	0.35	0.38	1.64	2.37
30	<i>Leea sp</i>	8	16.67	0.011	1.60	1.75	0.30	0.26	2.32
31	<i>Dalbergia stipulacea</i> Roxburgh	11	13.33	0.015	2.75	1.40	0.42	0.45	2.27
32	<i>Dendrocnide sinuata</i> (Blume) Chew	12	6.67	0.016	6.00	0.70	0.45	0.98	2.14
33	<i>Maesa chisia</i> D. Don	8	13.33	0.011	2.00	1.40	0.30	0.33	2.03
34	<i>Srtobilanthus sp</i>	8	3.33	0.011	8.00	0.35	0.30	1.31	1.96
35	<i>Anisomeles indica</i> (L.) Kuntze	7	13.33	0.009	1.75	1.40	0.27	0.29	1.96
36	<i>Tephrosia candida</i> DC.	9	6.67	0.012	4.50	0.70	0.34	0.74	1.78
37	<i>Strebulus asper</i> Loureiro	7	3.33	0.009	7.00	0.35	0.27	1.15	1.76
38	<i>Oroxylum indicum</i> (L.) Ventenat	8	6.67	0.011	4.00	0.70	0.30	0.66	1.66
39	<i>Croton caudatus</i> Geiseler	6	10.00	0.008	2.00	1.05	0.23	0.33	1.61
40	<i>Schima wallichii</i> (DC.) Korthals	6	10.00	0.008	2.00	1.05	0.23	0.33	1.61



Table 3 continued..

41	<i>Boehmeria macrophylla</i> Homemann var <i>scabrela</i> (Roxburgh) Long	6	3.33	0.008	6.00	0.35	0.23	0.98	1.56
42	<i>Derris acuminata</i> Benth	6	3.33	0.008	6.00	0.35	0.23	0.98	1.56
43	<i>Solanum torvum</i> Swartz	7	6.67	0.009	3.50	0.70	0.27	0.57	1.54
44	<i>Premna bracteata</i> Clarke	4	10.00	0.005	1.33	1.05	0.15	0.22	1.42
45	<i>Syzygium cumini</i> (L.) Skeels	4	10.00	0.005	1.33	1.05	0.15	0.22	1.42
46	<i>Bambusa</i> sp	5	3.33	0.007	5.00	0.35	0.19	0.82	1.36
47	<i>Soriudeia madagascarensis</i> DC.	5	3.33	0.007	5.00	0.35	0.19	0.82	1.36
48	<i>Urania rufescens</i> (DC.) Schindler	5	3.33	0.007	5.00	0.35	0.19	0.82	1.36
49	<i>Acacia pennata</i> (L.) Willdenow	5	6.67	0.007	2.50	0.70	0.19	0.41	1.30
50	<i>Costus speciosus</i> (J. Koenig) Smith	5	6.67	0.007	2.50	0.70	0.19	0.41	1.30
51	<i>Toona ciliata</i> Roemer	5	6.67	0.007	2.50	0.70	0.19	0.41	1.30
52	<i>Murraya koenigii</i> (L.) Sprengel	4	6.67	0.005	2.00	0.70	0.15	0.33	1.18
53	<i>Aporosa octandra</i> (D. Don) Vickery	4	3.33	0.005	4.00	0.35	0.15	0.66	1.16
54	<i>Bauhinia variegata</i> L.	4	3.33	0.005	4.00	0.35	0.15	0.66	1.16
55	<i>Litsea sebifera</i> (Willdenow) Persoon	4	3.33	0.005	4.00	0.35	0.15	0.66	1.16
56	<i>Syzygium ramosissimum</i> (Blume) Balakrisnan	4	3.33	0.005	4.00	0.35	0.15	0.66	1.16
57	<i>Terminalia bellirica</i> (Gaertner) Roxburgh	3	6.67	0.004	1.50	0.70	0.11	0.25	1.06
58	<i>Thunbergia fragrans</i> Roxburgh	3	6.67	0.004	1.50	0.70	0.11	0.25	1.06
59	<i>Anisomeles indica</i> (L.) Kuntze	3	3.33	0.004	3.00	0.35	0.11	0.49	0.96
60	<i>Boehmeria platyphylla</i> D. Don	3	3.33	0.004	3.00	0.35	0.11	0.49	0.96
61	<i>Bridelia sikkimensis</i> Gehrmann	3	3.33	0.004	3.00	0.35	0.11	0.49	0.96
62	<i>Piper</i> sp	3	3.33	0.004	3.00	0.35	0.11	0.49	0.96
63	<i>Psychotria calocarpa</i> Kurz	3	3.33	0.004	3.00	0.35	0.11	0.49	0.96
64	<i>Sida rhombifolia</i> L.	3	3.33	0.004	3.00	0.35	0.11	0.49	0.96
65	<i>Paramignya monophylla</i> Wight	2	6.67	0.003	1.00	0.70	0.08	0.16	0.94
66	<i>Albizia gamblei</i> Prain	2	3.33	0.003	2.00	0.35	0.08	0.33	0.75
67	<i>Brynia vitis-idaea</i> (Burman f.) Fischer	2	3.33	0.003	2.00	0.35	0.08	0.33	0.75
68	<i>Chassalia curviflora</i> (Wallich) Thwaites	2	3.33	0.003	2.00	0.35	0.08	0.33	0.75
69	<i>Desmodium laxiflorum</i> DC.	2	3.33	0.003	2.00	0.35	0.08	0.33	0.75
70	<i>Gouania leptostachya</i> DC.	2	3.33	0.003	2.00	0.35	0.08	0.33	0.75
71	<i>Hedychium</i> sp	2	3.33	0.003	2.00	0.35	0.08	0.33	0.75
72	<i>Leea aequata</i> L.	2	3.33	0.003	2.00	0.35	0.08	0.33	0.75
73	<i>Leea guineensis</i> G. Don	2	3.33	0.003	2.00	0.35	0.08	0.33	0.75
74	<i>Morinda citrifolia</i> L. var <i>bracteata</i>	2	3.33	0.003	2.00	0.35	0.08	0.33	0.75
75	<i>Pavetta crassicaulis</i> Bremek	2	3.33	0.003	2.00	0.35	0.08	0.33	0.75
76	<i>Pterospermum acerifolium</i> (L.) Willdenow	2	3.33	0.003	2.00	0.35	0.08	0.33	0.75
77	<i>Syzygium cumini</i> (L.) Skeels	2	3.33	0.003	2.00	0.35	0.08	0.33	0.75
78	<i>Terminalia alata</i> Roth	2	3.33	0.003	2.00	0.35	0.08	0.33	0.75
79	<i>Toddalia asiatica</i> (L.) Lamarck	2	3.33	0.003	2.00	0.35	0.08	0.33	0.75
80	<i>Ampelocissus barbata</i> (Wallich) Planchon	1	3.33	0.001	1.00	0.35	0.04	0.16	0.55
81	<i>Antidesma acidum</i> Retzius	1	3.33	0.001	1.00	0.35	0.04	0.16	0.55
82	<i>Antidesma bunius</i> (L.) Sprengel	1	3.33	0.001	1.00	0.35	0.04	0.16	0.55
83	<i>Callicarpa macrophylla</i> Vahl	1	3.33	0.001	1.00	0.35	0.04	0.16	0.55
84	<i>Careya arborea</i> Roxburgh	1	3.33	0.001	1.00	0.35	0.04	0.16	0.55
85	<i>Castanopsis hystrix</i> A. DC.	1	3.33	0.001	1.00	0.35	0.04	0.16	0.55
86	<i>Colebrookea oppositifolia</i> Smith	1	3.33	0.001	1.00	0.35	0.04	0.16	0.55
87	<i>Cynanchum corymbosum</i> Wight	1	3.33	0.001	1.00	0.35	0.04	0.16	0.55
88	<i>Desmodium oblongum</i> Benth	1	3.33	0.001	1.00	0.35	0.04	0.16	0.55
89	<i>Grewia disperma</i> Sprengel	1	3.33	0.001	1.00	0.35	0.04	0.16	0.55
90	<i>Helicteres hirsuta</i> Loureiro	1	3.33	0.001	1.00	0.35	0.04	0.16	0.55
91	<i>Himalrandia tetrasperma</i> (Roxburgh) T. Yamaz	1	3.33	0.001	1.00	0.35	0.04	0.16	0.55
92	<i>Mucuna macrocarpa</i> Wallich	1	3.33	0.001	1.00	0.35	0.04	0.16	0.55
93	<i>Murraya paniculata</i> (L.) Jack	1	3.33	0.001	1.00	0.35	0.04	0.16	0.55
94	<i>Vigna vexillata</i> (L.) A. Richard	1	3.33	0.001	1.00	0.35	0.04	0.16	0.55
95	<i>Wrightia arborea</i> (Dennstaedt) Mabberley	1	3.33	0.001	1.00	0.35	0.04	0.16	0.55
96	<i>Zizyphus xylopyrus</i> Willdenow	1	3.33	0.001	1.00	0.35	0.04	0.16	0.55

**Table 4: Riverine Forests**

Sl. No.	Name	Ind.	F	D/m <sup>2</sup>	A	RF	RD	RA	IVI
1	<i>Sauropus androgynous</i> (L.) Merrill	366	94.44	0.813	21.53	8.63	24.66	9.30	42.60
2	<i>Coffea bengalensis</i> Schultes	308	83.33	0.684	20.53	7.61	20.76	8.87	37.24
3	<i>Clerodendrum viscosum</i> Ventenat	107	38.89	0.238	15.29	3.55	7.21	6.61	17.37
4	<i>Sida acuta</i> Burman f.	107	38.89	0.238	15.29	3.55	7.21	6.61	17.37
5	<i>Triumfetta rhomboidea</i> Jacquin	94	77.78	0.209	6.71	7.11	6.33	2.90	16.34
6	<i>Strobilanthes</i> sp	71	27.78	0.158	14.20	2.54	4.78	6.14	13.46
7	<i>Daedlacanthus nervosus</i> (Vahl) Anderson	39	11.11	0.087	19.50	1.02	2.63	8.43	12.07
8	<i>Eupatorium odoratum</i> L.	43	61.11	0.096	3.91	5.58	2.90	1.69	10.17
9	<i>Jusminium disperma</i> Wallich	37	33.33	0.082	6.17	3.05	2.49	2.67	8.20
10	<i>Murraya exotica</i> L.	29	44.44	0.064	3.63	4.06	1.95	1.57	7.58
11	<i>Brynia vitis-idaea</i> (Burman f.) Fischer	13	5.56	0.029	13.00	0.51	0.88	5.62	7.00
12	<i>Phyllanthus reticulatus</i> Poiret	26	33.33	0.058	4.33	3.05	1.75	1.87	6.67
13	<i>Barleria cristata</i> L.	22	33.33	0.049	3.67	3.05	1.48	1.59	6.11
14	<i>Daedlacanthus splendens</i> Anderson	17	38.89	0.038	2.43	3.55	1.15	1.05	5.75
15	<i>Achyranthes bidentata</i> Blume	16	11.11	0.036	8.00	1.02	1.08	3.46	5.55
16	<i>Vallisneria spiralis</i> (L.) O. Kuntze	18	27.78	0.040	3.60	2.54	1.21	1.56	5.31
17	<i>Uvaria hamiltonii</i> Hook. f. & Thomson	11	33.33	0.024	1.83	3.05	0.74	0.79	4.58
18	<i>Desmodium laxiflorum</i> DC.	14	22.22	0.031	3.50	2.03	0.94	1.51	4.49
19	<i>Premna benghalensis</i> Clarke	11	27.78	0.024	2.20	2.54	0.74	0.95	4.23
20	<i>Desmodium</i> sp	12	22.22	0.027	3.00	2.03	0.81	1.30	4.14
21	<i>Millettia pachycarpa</i> Benth	12	22.22	0.027	3.00	2.03	0.81	1.30	4.14
22	<i>Aerva sanguinolanta</i> (L.) Blume	12	16.67	0.027	4.00	1.52	0.81	1.73	4.06
23	<i>Toddalia asiatica</i> (L.) Lamarck	9	16.67	0.020	3.00	1.52	0.61	1.30	3.43
24	<i>Capparis cantonensis</i> Loureiro	7	22.22	0.016	1.75	2.03	0.47	0.76	3.26
25	<i>Deeringia amaranthoides</i> Brown	7	16.67	0.016	2.33	1.52	0.47	1.01	3.00
26	<i>Anisomeles indica</i> (L.) Kuntze	6	16.67	0.013	2.00	1.52	0.40	0.86	2.79
27	<i>Lantana camara</i> L.	5	16.67	0.011	1.67	1.52	0.34	0.72	2.58
28	<i>Murraya koenigii</i> (L.) Sprengel	5	16.67	0.011	1.67	1.52	0.34	0.72	2.58
29	<i>Capparis olacifolia</i> Hook. f. & Thomson	5	11.11	0.011	2.50	1.02	0.34	1.08	2.43
30	<i>Combretum decandrum</i> Roxburgh	4	16.67	0.009	1.33	1.52	0.27	0.58	2.37
31	<i>Croton caudatus</i> Geiseler	4	16.67	0.009	1.33	1.52	0.27	0.58	2.37
32	<i>Tetrastigma campylocarpum</i> (Kurz) Planchon	4	11.11	0.009	2.00	1.02	0.27	0.86	2.15
33	<i>Premna mucronata</i> Roxburgh	3	5.56	0.007	3.00	0.51	0.20	1.30	2.01
34	<i>Soriudeia madagascarensis</i> DC.	3	5.56	0.007	3.00	0.51	0.20	1.30	2.01
35	<i>Ventilago denticulata</i> Willdenow	3	5.56	0.007	3.00	0.51	0.20	1.30	2.01
36	<i>Gomphostemma parviflorum</i> Benth	3	11.11	0.007	1.50	1.02	0.20	0.65	1.87
37	<i>Urena lobata</i> L.	3	11.11	0.007	1.50	1.02	0.20	0.65	1.87
38	<i>Leea guineensis</i> G. Don	2	11.11	0.004	1.00	1.02	0.14	0.43	1.58
39	<i>Meyna spinosa</i> L.	2	11.11	0.004	1.00	1.02	0.14	0.43	1.58
40	<i>Abrus pulchellus</i> Thwaites	2	5.56	0.004	2.00	0.51	0.14	0.86	1.51
41	<i>Leea aequata</i> L.	2	5.56	0.004	2.00	0.51	0.14	0.86	1.51
42	<i>Uraria rufescens</i> (DC.) Schindler	2	5.56	0.004	2.00	0.51	0.14	0.86	1.51
43	<i>Acacia</i> sp	1	5.56	0.002	1.00	0.51	0.07	0.43	1.01
44	<i>Baliospermum montanum</i> (Willdenow) Mueller	1	5.56	0.002	1.00	0.51	0.07	0.43	1.01
45	<i>Gouania leptostachya</i> DC.	1	5.56	0.002	1.00	0.51	0.07	0.43	1.01
46	<i>Munronia wallichii</i> Wight	1	5.56	0.002	1.00	0.51	0.07	0.43	1.01
47	<i>Solanum torvum</i> Swartz	1	5.56	0.002	1.00	0.51	0.07	0.43	1.01
48	<i>Tabernaemontana divaricata</i> (L.) Roemer & Schultes	1	5.56	0.002	1.00	0.51	0.07	0.43	1.01
49	<i>Uraria lagopodioides</i> (L.) Desvaux	1	5.56	0.002	1.00	0.51	0.07	0.43	1.01
50	Undetermined liana	11	11.11	0.024	5.50	1.02	0.74	2.38	4.13

**Table 5: Sub-Tropical Broad Leaved Hill Forests**

Sl. No.	Name	Ind.	F	D/m <sup>2</sup>	A	RF	RD	RA	IVI
1	<i>Boehmeria macrophylla</i> Homemann var <i>scabrela</i> (Roxburgh) Long	26	16.67	0.087	13.00	2.15	7.81	6.09	16.05
2	<i>Strobilanthes</i> sp	24	25.00	0.080	8.00	3.23	7.21	3.75	14.18
3	<i>Dendrocnide sinuata</i> (Blume) Chew	17	8.33	0.057	17.00	1.08	5.11	7.97	14.15
4	<i>Clerodendrum viscosum</i> Ventenat	18	16.67	0.060	9.00	2.15	5.41	4.22	11.77
5	<i>Rubus moluccanus</i> L.	13	41.67	0.043	2.60	5.38	3.90	1.22	10.50
6	<i>Pongamia pinata</i> (L.) Pierre	15	16.67	0.050	7.50	2.15	4.51	3.52	10.17
7	<i>Dillenia pentagyna</i> Roxburgh	10	8.33	0.033	10.00	1.08	3.00	4.69	8.77
8	<i>Bambusa</i> sp	11	16.67	0.037	5.50	2.15	3.30	2.58	8.03
9	<i>Barleria cristata</i> L.	11	16.67	0.037	5.50	2.15	3.30	2.58	8.03
10	<i>Maesa chisia</i> D. Don	10	25.00	0.033	3.33	3.23	3.00	1.56	7.79
11	<i>Eupatorium odoratum</i> L.	10	16.67	0.033	5.00	2.15	3.00	2.34	7.50
12	<i>Girardinia diversifolia</i> (Link) Friis	9	16.67	0.030	4.50	2.15	2.70	2.11	6.96
13	<i>Boehmeria glomerulifera</i> Miquel	8	25.00	0.027	2.67	3.23	2.40	1.25	6.88
14	<i>Elatostema linolatum</i> Wight	7	8.33	0.023	7.00	1.08	2.10	3.28	6.46
15	<i>Soriudeia madagascarensis</i> DC.	7	8.33	0.023	7.00	1.08	2.10	3.28	6.46
16	<i>Daedlcanthus splendens</i> Anderson	8	16.67	0.027	4.00	2.15	2.40	1.88	6.43
17	<i>Phlogacanthus thyriformis</i> (Hardwicke) Mabbertley	8	16.67	0.027	4.00	2.15	2.40	1.88	6.43
18	<i>Sauropus repandus</i> Mueller	8	16.67	0.027	4.00	2.15	2.40	1.88	6.43
19	<i>Mallotus philippensis</i> (Lamarck) Mueller	5	33.33	0.017	1.25	4.30	1.50	0.59	6.39
20	<i>Camelia sinensis</i> L.	7	16.67	0.023	3.50	2.15	2.10	1.64	5.89
21	<i>Capparis sikkimensis</i> Kurz	6	8.33	0.020	6.00	1.08	1.80	2.81	5.69
22	<i>Calamus erectus</i> Roxburgh	5	8.33	0.017	5.00	1.08	1.50	2.34	4.92
23	<i>Croton caudatus</i> Geiseler	5	8.33	0.017	5.00	1.08	1.50	2.34	4.92
24	<i>Tibouchina semidecandra</i> Cogniaux	5	8.33	0.017	5.00	1.08	1.50	2.34	4.92
25	<i>Coffea bengalensis</i> Schultes	5	16.67	0.017	2.50	2.15	1.50	1.17	4.82
26	<i>Boehmeria platyphylla</i> var <i>rotundifolia</i>	4	16.67	0.013	2.00	2.15	1.20	0.94	4.29
27	<i>Ostodes paniculata</i> Blume	4	16.67	0.013	2.00	2.15	1.20	0.94	4.29
28	<i>Aconogonon molle</i> (Meisner) Reichenbach	4	8.33	0.013	4.00	1.08	1.20	1.88	4.15
29	<i>Lantana camara</i> L.	4	8.33	0.013	4.00	1.08	1.20	1.88	4.15
30	<i>Millettia</i> sp	4	8.33	0.013	4.00	1.08	1.20	1.88	4.15
31	<i>Brassaiaopsis hainla</i> (D. Don) Seemann	3	16.67	0.010	1.50	2.15	0.90	0.70	3.76
32	<i>Salacia salacioides</i> (Roxburgh) Rao & Hemadri	3	16.67	0.010	1.50	2.15	0.90	0.70	3.76
33	<i>Schima wallichii</i> (DC.) Korthals	3	16.67	0.010	1.50	2.15	0.90	0.70	3.76
34	<i>Hedychium</i> sp	3	8.33	0.010	3.00	1.08	0.90	1.41	3.38
35	<i>Thysanolaena maxima</i> (Roxburgh) Kuntze	2	16.67	0.007	1.00	2.15	0.60	0.47	3.22
36	<i>Artemisia indica</i> Willdenow	2	8.33	0.007	2.00	1.08	0.60	0.94	2.61
37	<i>Colebrookea oppositifolia</i> Smith	2	8.33	0.007	2.00	1.08	0.60	0.94	2.61
38	<i>Ficus cyrtophylla</i> Miquel	2	8.33	0.007	2.00	1.08	0.60	0.94	2.61
39	<i>Ficus neriifolia</i> Smith	2	8.33	0.007	2.00	1.08	0.60	0.94	2.61
40	<i>Gynocardia odorata</i> R. Brown	2	8.33	0.007	2.00	1.08	0.60	0.94	2.61
41	<i>Oroxylum indicum</i> (L.) Ventenat	2	8.33	0.007	2.00	1.08	0.60	0.94	2.61
42	<i>Polygala arillata</i> D. Don	2	8.33	0.007	2.00	1.08	0.60	0.94	2.61
43	<i>Smilax zeylanica</i> L.	2	8.33	0.007	2.00	1.08	0.60	0.94	2.61
44	<i>Acacia pennata</i> (L.) Willdenow	1	8.33	0.003	1.00	1.08	0.30	0.47	1.84
45	<i>Aristolochia griffithii</i> Duchartre	1	8.33	0.003	1.00	1.08	0.30	0.47	1.84
46	<i>Bridelia retusa</i> (L.) Sprengel	1	8.33	0.003	1.00	1.08	0.30	0.47	1.84
47	<i>Brynia vitis-idaea</i> (Burman f.) Fischer	1	8.33	0.003	1.00	1.08	0.30	0.47	1.84
48	<i>Capparis cantonensis</i> Loureiro	1	8.33	0.003	1.00	1.08	0.30	0.47	1.84
49	<i>Cipadessa baccifera</i> (Roth) Miquel	1	8.33	0.003	1.00	1.08	0.30	0.47	1.84
50	<i>Duhaldea rubricaulis</i> (DC.) Anderson	1	8.33	0.003	1.00	1.08	0.30	0.47	1.84
51	<i>Gouania leptostachya</i> DC.	1	8.33	0.003	1.00	1.08	0.30	0.47	1.84
52	<i>Heptapleurum venulosum</i> (Wight & Arnott) Seemann	1	8.33	0.003	1.00	1.08	0.30	0.47	1.84

Table 5 continued..

53	<i>Mukia mederosperma</i> (L.) Roemer	1	8.33	0.003	1.00	1.08	0.30	0.47	1.84
54	<i>Periploca calophylla</i> (Wight) Falconer	1	8.33	0.003	1.00	1.08	0.30	0.47	1.84
55	<i>Piper hymenophyllum</i> Miquel	1	8.33	0.003	1.00	1.08	0.30	0.47	1.84
56	<i>Pterospermum acerifolium</i> (L.) Willdenow	1	8.33	0.003	1.00	1.08	0.30	0.47	1.84
57	<i>Walsura tubulata</i> Hiern	1	8.33	0.003	1.00	1.08	0.30	0.47	1.84
58	<i>Zanthoxylum budrunga</i> (Roxburgh) DC.	1	8.33	0.003	1.00	1.08	0.30	0.47	1.84

Table 6: Wet Temperate Forests

Sl. No.	Name	Ind.	F	D/m <sup>2</sup>	A	RF	RD	RA	IVI
1	<i>Arundinaria racemosa</i> Munro	1479	79.55	1.345	A	11.33	45.52	12.80	69.65
2	<i>Smilax rigida</i> Wallich ex Kunth	586	43.18	0.533	42.26	6.15	18.04	9.35	33.53
3	<i>Symplocos glomerata</i> Clarke	209	40.91	0.190	30.84	5.83	6.43	3.52	15.78
4	<i>Viburnum erubescens</i> DC.	66	54.55	0.060	11.61	7.77	2.03	0.83	10.63
5	<i>Eurya acuminata</i> DC.	100	40.91	0.091	2.75	5.83	3.08	1.68	10.59
6	<i>Symplocos caudata</i> G. Don	91	36.36	0.083	5.56	5.18	2.80	1.72	9.70
7	<i>Pieris formosa</i> (Wallich) D. Don	75	9.09	0.068	5.69	1.29	2.31	5.68	9.28
8	<i>Daphne bholua</i> D. Don	66	43.18	0.060	18.75	6.15	2.03	1.05	9.23
9	<i>Rubus paniculatus</i> Smith	72	38.64	0.065	3.47	5.50	2.22	1.28	9.00
10	<i>Dichroa febrifuga</i> Loureiro	72	27.27	0.065	4.24	3.88	2.22	1.82	7.92
11	<i>Smilax</i> sp	49	9.09	0.045	6.00	1.29	1.51	3.71	6.51
12	<i>Rubus moluccanus</i> L.	48	25.00	0.044	12.25	3.56	1.48	1.32	6.36
13	<i>Pilea scripta</i> (D. Don) Weddell	31	4.55	0.028	4.36	0.65	0.95	4.70	6.30
14	<i>Rubus thomsonii</i> Focke	16	2.27	0.015	15.50	0.32	0.49	4.85	5.66
15	<i>Thalictrum virgatum</i> Hook. f. & Thomson	19	4.55	0.017	16.00	0.65	0.59	2.88	4.11
16	<i>Rubus indotibetanus</i> Koidzumi	10	2.27	0.009	9.50	0.32	0.31	3.03	3.66
17	<i>Eupatorium adenophorum</i> Sprengel	15	4.55	0.014	10.00	0.65	0.46	2.27	3.38
18	<i>Rubus lineatus</i> Blume	14	4.55	0.013	7.50	0.65	0.43	2.12	3.20
19	<i>Tetradium fraxinifolia</i> (Hooker) Hartley	15	11.36	0.014	7.00	1.62	0.46	0.91	2.99
20	<i>Zanthoxylum nitidum</i> (Roxburgh) DC.	12	13.64	0.011	3.00	1.94	0.37	0.61	2.92
21	<i>Smilax elegans</i> Wallich ex Kunth	14	6.82	0.013	2.00	0.97	0.43	1.41	2.82
22	<i>Maesa chisia</i> D. Don	13	9.09	0.012	4.67	1.29	0.40	0.99	2.68
23	<i>Smilax minutiflora</i> A. DC	13	9.09	0.012	3.25	1.29	0.40	0.99	2.68
24	<i>Rubus niveus</i> Thunberg	7	2.27	0.006	3.25	0.32	0.22	2.12	2.66
25	<i>Actinodaphne sikkimensis</i> Meisner	10	4.55	0.009	7.00	0.65	0.31	1.52	2.47
26	<i>Eurya cavinervis</i> Vesque	10	4.55	0.009	5.00	0.65	0.31	1.52	2.47
27	<i>Ilex kingiana</i> Cockerell	8	11.36	0.007	5.00	1.62	0.25	0.49	2.35
28	<i>Smilax lanceifolia</i> Roxburgh	9	4.55	0.008	1.60	0.65	0.28	1.36	2.29
29	<i>Jusminium disperma</i> Wallich	8	9.09	0.007	4.50	1.29	0.25	0.61	2.15
30	<i>Litsea elongata</i> (Nees) Hook. f.	8	4.55	0.007	2.00	0.65	0.25	1.21	2.11
31	<i>Berberis</i> sp	8	6.82	0.007	4.00	0.97	0.25	0.81	2.03
32	<i>Boehmeria</i> sp	7	6.82	0.006	2.67	0.97	0.22	0.71	1.89
33	<i>Daphne papyracea</i> Wallich ex Steudel	6	4.55	0.005	2.33	0.65	0.19	0.91	1.74
34	<i>Strobilanthes divaricata</i> (Nees) Anderson	6	4.55	0.005	3.00	0.65	0.19	0.91	1.74
35	<i>Lithocarpus pachyphylla</i> (Kurz) Rehder	5	4.55	0.005	3.00	0.65	0.15	0.76	1.56
36	<i>Smilax ferrox</i> Wallich ex Kunth	5	4.55	0.005	2.50	0.65	0.15	0.76	1.56
37	<i>Daphne bholua</i> D. Don var <i>glacialis</i> (Smith & Cavanilles) Burt	4	4.55	0.004	2.50	0.65	0.12	0.61	1.38
38	<i>Rhododendron arboreum</i> Smith	4	4.55	0.004	2.00	0.65	0.12	0.61	1.38
39	<i>Urtica dioica</i> L.	3	6.82	0.003	2.00	0.97	0.09	0.30	1.37
40	<i>Flemingia</i> sp	3	2.27	0.003	1.00	0.32	0.09	0.91	1.33
41	<i>Berberis dasyclada</i> Ahrendt	3	4.55	0.003	3.00	0.65	0.09	0.45	1.19
42	<i>Rubus ellipticus</i> Smith	3	4.55	0.003	1.50	0.65	0.09	0.45	1.19
43	<i>Symplocos phyllocalyx</i> Clarke	3	4.55	0.003	1.50	0.65	0.09	0.45	1.19
44	<i>Acer campbellii</i> Hiern	2	4.55	0.002	1.50	0.65	0.06	0.30	1.01
45	<i>Ardisia macrocarpa</i> Wallich	2	2.27	0.002	1.00	0.32	0.06	0.61	0.99



**Table 6 continued..**

46	<i>Daphne cannabina</i> Loureiro	2	2.27	0.002	2.00	0.32	0.06	0.61	0.99
47	<i>Gamblea ciliata</i> Clarke	2	2.27	0.002	2.00	0.32	0.06	0.61	0.99
48	<i>Hydrangea anamola</i> D. Don	2	2.27	0.002	2.00	0.32	0.06	0.61	0.99
49	<i>Inula eupatorioides</i> DC.	2	2.27	0.002	2.00	0.32	0.06	0.61	0.99
50	<i>Lonicera hispida</i> Willdenow	2	2.27	0.002	2.00	0.32	0.06	0.61	0.99
51	<i>Mahonia nepaulensis</i> DC.	2	2.27	0.002	2.00	0.32	0.06	0.61	0.99
52	<i>Porana racemosa</i> Roxburgh	2	2.27	0.002	2.00	0.32	0.06	0.61	0.99
53	<i>Rhododendron grande</i> Wight	2	2.27	0.002	2.00	0.32	0.06	0.61	0.99
54	<i>Sarcococca hookeriana</i> Baillon	2	2.27	0.002	2.00	0.32	0.06	0.61	0.99
55	<i>Berberis wallichiana</i> DC.	1	2.27	0.001	2.00	0.32	0.03	0.30	0.66
56	<i>Brachystemma calycinum</i> D. Don	1	2.27	0.001	1.00	0.32	0.03	0.30	0.66
57	<i>Ceropegia longifolia</i> Wallich	1	2.27	0.001	1.00	0.32	0.03	0.30	0.66
58	<i>Dobenia vulgaris</i> D. Don	1	2.27	0.001	1.00	0.32	0.03	0.30	0.66
59	<i>Eisholtzia flava</i> (Bentham) Bentham	1	2.27	0.001	1.00	0.32	0.03	0.30	0.66
60	<i>Holboellia latifolia</i> Wallich	1	2.27	0.001	1.00	0.32	0.03	0.30	0.66
61	<i>Oxyspora paniculata</i> (D. Don) DC.	1	2.27	0.001	1.00	0.32	0.03	0.30	0.66
62	<i>Naravelia zeylanica</i> (L.) DC.	1	2.27	0.001	1.00	0.32	0.03	0.30	0.66
63	<i>Nellia thyrsiflora</i> D. Don	1	2.27	0.001	1.00	0.32	0.03	0.30	0.66
64	<i>Osbeckia chinensis</i> L.	1	2.27	0.001	1.00	0.32	0.03	0.30	0.66
65	<i>Oxyspora paniculata</i> (D. Don) DC.	1	2.27	0.001	1.00	0.32	0.03	0.30	0.66
66	<i>Pentapanax fragrans</i> (D. Don) Hara	1	2.27	0.001	1.00	0.32	0.03	0.30	0.66
67	<i>Polygala arillata</i> D. Don	1	2.27	0.001	1.00	0.32	0.03	0.30	0.66
68	<i>Prunus napaulensis</i> (Seringe) Steudel	1	2.27	0.001	1.00	0.32	0.03	0.30	0.66
69	<i>Rhododendron griffithianum</i> Wight	1	2.27	0.001	1.00	0.32	0.03	0.30	0.66
70	<i>Rubus laciocarpus</i> Smith	1	2.27	0.001	1.00	0.32	0.03	0.30	0.66
71	<i>Spiraea micrantha</i> Hook. f.	1	2.27	0.001	1.00	0.32	0.03	0.30	0.66
72	<i>Thunbergia lutea</i> Anderson	1	2.27	0.001	1.00	0.32	0.03	0.30	0.66
73	<i>Tsuga dumosa</i> (D. Don) Eichler	1	2.27	0.001	1.00	0.32	0.03	0.30	0.66
74	<i>Zanthoxylum budrunga</i> (Roxburgh) DC.	1	2.27	0.001	1.00	0.32	0.03	0.30	0.66
75	<i>Actinidia strigosa</i>	1	2.27	0.001	1.00	0.32	0.03	0.30	0.66

**Table 7: Temperate Broad Leaved Forests**

Sl. No.	Name	Ind.	F	D/m <sup>2</sup>	A	RF	RD	RA	IVI
1	<i>Arundinaria racemosa</i> Munro	660	77.78	1.467	47.14	10.69	41.51	17.22	69.42
2	<i>Pilea scripta</i> (D. Don) Weddell	223	22.22	0.496	55.75	3.05	14.03	20.36	37.44
3	<i>Sarcococca hookeriana</i> Baillon	165	44.44	0.367	20.63	6.11	10.38	7.53	24.02
4	<i>Viburnum erubescens</i> DC.	103	77.78	0.229	7.36	10.69	6.48	2.69	19.85
5	<i>Smilax rigida</i> Wallich ex Kunth	117	38.89	0.260	16.71	5.34	7.36	6.11	18.81
6	<i>Boehmeria sp</i>	52	11.11	0.116	26.00	1.53	3.27	9.50	14.29
7	<i>Rubus thomsonii</i> Focke	56	22.22	0.124	14.00	3.05	3.52	5.11	11.69
8	<i>Smilax lanceifolia</i> Roxburgh	28	33.33	0.062	4.67	4.58	1.76	1.71	8.05
9	<i>Dichroa febrifuga</i> Loureiro	28	27.78	0.062	5.60	3.82	1.76	2.05	7.62
10	<i>Rubus moluccanus</i> L.	18	33.33	0.040	3.00	4.58	1.13	1.10	6.81
11	<i>Daphne bholua</i> D. Don var <i>glacialis</i> (Smith & Cavanilles) Burt	12	33.33	0.027	2.00	4.58	0.76	0.73	6.07
12	<i>Daphne papyracea</i> Wallich ex Steudel	18	22.22	0.040	4.50	3.05	1.13	1.64	5.83
13	<i>Symplocos lucida</i> (Thunberg) Siebold & Zuccarini	11	22.22	0.024	2.75	3.05	0.69	1.00	4.75
14	<i>Strobilanthes sp</i>	13	11.11	0.029	6.50	1.53	0.82	2.37	4.72
15	<i>Symplocos glomerata</i> Clarke	7	22.22	0.016	1.75	3.05	0.44	0.64	4.13
16	<i>Rubus ellipticus</i> Smith	5	22.22	0.011	1.25	3.05	0.31	0.46	3.82
17	<i>Eurya acuminata</i> DC.	7	16.67	0.016	2.33	2.29	0.44	0.85	3.58
18	<i>Rubus paniculatus</i> Smith	7	16.67	0.016	2.33	2.29	0.44	0.85	3.58
19	<i>Rubus wardii</i> Merrill	8	11.11	0.018	4.00	1.53	0.50	1.46	3.49
20	<i>Eurya cavineris</i> Vesque	6	11.11	0.013	3.00	1.53	0.38	1.10	3.00

Table 7 continued..

21	<i>Lindera pulcherrima</i> (Nees) Hook. f.	4	11.11	0.009	2.00	1.53	0.25	0.73	2.51
22	<i>Oxyspora paniculata</i> (D. Don) DC.	4	5.56	0.009	4.00	0.76	0.25	1.46	2.48
23	<i>Urtica dioica</i> L.	3	11.11	0.007	1.50	1.53	0.19	0.55	2.26
24	<i>Smilax elegans</i> Wallich ex Kunth sub <i>elegans</i>	3	5.56	0.007	3.00	0.76	0.19	1.10	2.05
25	<i>Berberis</i> sp	2	5.56	0.004	2.00	0.76	0.13	0.73	1.62
26	<i>Berberis wallichiana</i> DC.	2	5.56	0.004	2.00	0.76	0.13	0.73	1.62
27	<i>Ilex dipyrena</i> Wallich	2	5.56	0.004	2.00	0.76	0.13	0.73	1.62
28	<i>Ipoemea purpurea</i> (L.) Roth	2	5.56	0.004	2.00	0.76	0.13	0.73	1.62
29	<i>Mahonia nepaulensis</i> DC.	2	5.56	0.004	2.00	0.76	0.13	0.73	1.62
30	<i>Melastoma normale</i> D. Don	2	5.56	0.004	2.00	0.76	0.13	0.73	1.62
31	<i>Neillia thyrsoiflora</i> D. Don	2	5.56	0.004	2.00	0.76	0.13	0.73	1.62
32	<i>Pentapanax fragrans</i> (D. Don) Hara	2	5.56	0.004	2.00	0.76	0.13	0.73	1.62
33	<i>Porana racemosa</i> Roxburgh	2	5.56	0.004	2.00	0.76	0.13	0.73	1.62
34	<i>Smilax ferrox</i> Wallich ex Kunth	2	5.56	0.004	2.00	0.76	0.13	0.73	1.62
35	<i>Symplocos phylloclalyx</i> Clarke	2	5.56	0.004	2.00	0.76	0.13	0.73	1.62
36	<i>Aeschynanthes</i> sp	1	5.56	0.002	1.00	0.76	0.06	0.37	1.19
37	<i>Daphne bholua</i> D. Don	1	5.56	0.002	1.00	0.76	0.06	0.37	1.19
38	<i>Elaeagnus conferata</i> Roxburgh	1	5.56	0.002	1.00	0.76	0.06	0.37	1.19
39	<i>Helwingia himalaica</i> Hook. f. & Thomson	1	5.56	0.002	1.00	0.76	0.06	0.37	1.19
40	<i>Hydrangea</i> sp	1	5.56	0.002	1.00	0.76	0.06	0.37	1.19
41	<i>Jusminium disperma</i> Wallich	1	5.56	0.002	1.00	0.76	0.06	0.37	1.19
42	<i>Mahonia nepaulensis</i> DC.	1	5.56	0.002	1.00	0.76	0.06	0.37	1.19
43	<i>Rubus lineatus</i> Blume	1	5.56	0.002	1.00	0.76	0.06	0.37	1.19
44	<i>Smilax</i> sp	1	5.56	0.002	1.00	0.76	0.06	0.37	1.19
45	<i>Zanthoxylum budrunga</i> (Roxburgh) DC.	1	5.56	0.002	1.00	0.76	0.06	0.37	1.19

Table 8: *Ahnus* Forests

Sl. No.	Name	Ind.	F	D/m <sup>2</sup>	A	RF	RD	RA	IVI
1	<i>Eupatorium adenophorum</i> Sprengel	170	72.22	0.378	13.08	14.77	38.03	14.81	67.62
2	<i>Thysanolaena maxima</i> (Roxburgh) Kuntze	74	77.78	0.164	5.29	15.91	16.55	5.99	38.45
3	<i>Leucoseptrum canum</i> Smith	40	50.00	0.089	4.44	10.23	8.95	5.03	24.21
4	<i>Aconogonon molle</i> (Meisner) Reichenbach	27	38.89	0.060	3.86	7.95	6.04	4.37	18.36
5	<i>Maesa chisia</i> D. Don	18	33.33	0.040	3.00	6.82	4.03	3.40	14.24
6	<i>Plectranthus rugosus</i> Benthham	15	11.11	0.033	7.50	2.27	3.36	8.50	14.12
7	<i>Rubus ellipticus</i> Smith	16	38.89	0.036	2.29	7.95	3.58	2.59	14.12
8	<i>Urena lobata</i> L.	15	27.78	0.033	3.00	5.68	3.36	3.40	12.44
9	<i>Strobilanthes</i> sp	14	16.67	0.031	4.67	3.41	3.13	5.29	11.83
10	<i>Elsholtzia</i> sp	6	5.56	0.013	6.00	1.14	1.34	6.80	9.27
11	<i>Eupatorium odoratum</i> L.	6	5.56	0.013	6.00	1.14	1.34	6.80	9.27
12	<i>Artemisia indica</i> Willdenow	9	16.67	0.020	3.00	3.41	2.01	3.40	8.82
13	<i>Arundinaria racemosa</i> Munro	5	5.56	0.011	5.00	1.14	1.12	5.66	7.92
14	<i>Dichroa febrifuga</i> Loureiro	6	11.11	0.013	3.00	2.27	1.34	3.40	7.01
15	<i>Girardinia diversifolia</i> (Link) Friis	5	16.67	0.011	1.67	3.41	1.12	1.89	6.42
16	<i>Clerodendrum colebrookeanum</i> Walper	5	11.11	0.011	2.50	2.27	1.12	2.83	6.22
17	<i>Clematis buchanaiana</i> DC.	3	16.67	0.007	1.00	3.41	0.67	1.13	5.21
18	<i>Parabaena sagitata</i> Hook. f. & Thomson	3	5.56	0.007	3.00	1.14	0.67	3.40	5.21
19	<i>Boehmeria macrophylla</i> Hornemann var <i>scabrela</i> (Roxburgh) Long	2	5.56	0.004	2.00	1.14	0.45	2.27	3.85
20	<i>Stephania japonica</i> (Thunberg) Miers	2	5.56	0.004	2.00	1.14	0.45	2.27	3.85
21	<i>Rubus niveus</i> Thunberg	1	5.56	0.002	1.00	1.14	0.22	1.13	2.49
22	<i>Solanum torvum</i> Swartz	1	5.56	0.002	1.00	1.14	0.22	1.13	2.49

**Table 9: Conifer Forests**

Sl. No.	Name	Ind.	F	D/m <sup>2</sup>	A	RF	RD	RA	IVI
1	<i>Arundinaria racemosa</i> Munro	60	16.67	0.400	60	5.88	52.17	52.17	110.2
2	<i>Daphne bholua</i> D. Don	20	16.67	0.133	20	5.88	17.39	17.39	40.66
3	<i>Rosa sericea</i> Lindley	4	16.67	0.027	4	5.88	3.48	3.48	12.84
4	<i>Rubus paniculatus</i> Smith	4	16.67	0.027	4	5.88	3.48	3.48	12.84
5	<i>Spiraea corymbosa</i> Roxburgh	4	16.67	0.027	4	5.88	3.48	3.48	12.84
6	<i>Stellaria sikkimensis</i> Edgeworth & Hook. f.	4	16.67	0.027	4	5.88	3.48	3.48	12.84
7	<i>Acer campbellii</i> Hiem	3	16.67	0.020	3	5.88	2.61	2.61	11.10
8	<i>Berberis hookeri</i> Lemaire	2	16.67	0.013	2	5.88	1.74	1.74	9.36
9	<i>Berberis insignis</i> Hook. f. & Thomson	2	16.67	0.013	2	5.88	1.74	1.74	9.36
10	<i>Daphne involucrata</i> Wallich	2	16.67	0.013	2	5.88	1.74	1.74	9.36
11	<i>Hypericum hookerianum</i> Wight & Arnott	2	16.67	0.013	2	5.88	1.74	1.74	9.36
12	<i>Pieris formosa</i> (Wallich) D. Don	2	16.67	0.013	2	5.88	1.74	1.74	9.36
13	<i>Styrax grandiflorus</i> Griffith	2	16.67	0.013	2	5.88	1.74	1.74	9.36
14	<i>Berberis wallichiana</i> DC.	1	16.67	0.007	1	5.88	0.87	0.87	7.62
15	<i>Elaeagnus conferata</i> Roxburgh	1	16.67	0.007	1	5.88	0.87	0.87	7.62
16	<i>Rhododendron campanulatum</i> D. Don	1	1	0.007	1	100	5.88	0.87	0.87
17	<i>Viburnum erubescens</i> DC.	1	1	0.007	1	100	5.88	0.87	0.87

**Table 10: Sub-alpine Scrub**

Sl. No.	Name	Ind.	F	D/m <sup>2</sup>	A	RF	RD	RA	IVI
1	<i>Arundinaria racemosa</i> Munro	288	68.18	0.524	19.20	9.26	28.71	16.63	54.61
2	<i>Daphne bholua</i> D. Don	258	100	0.469	11.73	13.58	25.72	10.16	49.46
3	<i>Crawfordia speciosa</i> Wallich	202	100	0.367	9.18	13.58	20.14	7.96	41.68
4	<i>Aconogonon campanulatum</i> (Hook. f.) Hara	30	9.09	0.055	15.00	1.24	2.99	13.00	17.22
5	<i>Rosa laevigata</i> Michx.	39	72.73	0.071	2.44	9.88	3.89	2.11	15.88
6	<i>Berberis angulosa</i> Hook. f. & Thomson	37	63.64	0.067	2.64	8.64	3.69	2.29	14.62
7	<i>Holboellia latifolia</i> Wallich	24	54.55	0.044	2.00	7.41	2.39	1.73	11.53
8	<i>Rubus thomsonii</i> Focke	28	18.18	0.051	7.00	2.47	2.79	6.07	11.33
9	<i>Lonicera hispida</i> Willdenow	18	22.73	0.033	3.60	3.09	1.80	3.12	8.00
10	<i>Rhododendron barbatum</i> G. Don	9	22.73	0.016	1.80	3.09	0.90	1.56	5.54
11	<i>Berberis insignis</i> Hook. f. & Thomson	8	9.09	0.015	4.00	1.24	0.80	3.47	5.50
12	<i>Berberis wallichiana</i> DC.	5	4.55	0.009	5.00	0.62	0.50	4.33	5.45
13	<i>Acer campbellii</i> Hiem	7	22.73	0.013	1.40	3.09	0.70	1.21	5.00
14	<i>Sorbus cuspidata</i> (Spanch) Hedl.	7	22.73	0.013	1.40	3.09	0.70	1.21	5.00
15	<i>Lyonia ovalifolia</i> (Wallich) Drude	6	22.73	0.011	1.20	3.09	0.60	1.04	4.72
16	<i>Schindra grandiflora</i> (Wallich) Hook. f.	3	4.55	0.005	3.00	0.62	0.30	2.60	3.52
17	<i>Spiraea micrantha</i> Hook. f.	4	13.64	0.007	1.33	1.85	0.40	1.16	3.41
18	<i>Eurya acuminata</i> DC.	4	9.09	0.007	2.00	1.24	0.40	1.73	3.37
19	<i>Symplocos dryophila</i> Clarke	3	9.09	0.005	1.50	1.24	0.30	1.30	2.83
20	<i>Symplocos theifolia</i> D. Don	2	4.55	0.004	2.00	0.62	0.20	1.73	2.55
21	<i>Ilex fragilis</i> Hook. f.	2	4.55	0.004	2.00	0.62	0.20	1.73	2.55
22	<i>Kadsura heteroclita</i> (Roxburgh) Craib	2	4.55	0.004	2.00	0.62	0.20	1.73	2.55
23	<i>Spiraea corymbosa</i> Roxburgh	2	4.55	0.004	2.00	0.62	0.20	1.73	2.55
24	<i>Gamblea ciliata</i> Clarke	2	9.09	0.004	1.00	1.24	0.20	0.87	2.30
25	<i>Rhododendron arboreum</i> Smith	2	9.09	0.004	1.00	1.24	0.20	0.87	2.30
26	<i>Rubus moluccanus</i> L.	2	9.09	0.004	1.00	1.24	0.20	0.87	2.30
27	<i>Abies densa</i> Miller	1	4.55	0.002	1.00	0.62	0.10	0.87	1.58
28	<i>Aconogonon molle</i> (Meisner) Reichenbach	1	4.55	0.002	1.00	0.62	0.10	0.87	1.58
29	<i>Berberis aristata</i> DC.	1	4.55	0.002	1.00	0.62	0.10	0.87	1.58
30	<i>Hydrangea aspera</i> D. Don	1	4.55	0.002	1.00	0.62	0.10	0.87	1.58

Table 10 continued..

31	<i>Pentapanax leschenaultii</i> (DC.) Seemann	1	4.55	0.002	1.00	0.62	0.10	0.87	1.58
32	<i>Prunus napaulensis</i> (Seringe) Steudel	1	4.55	0.002	1.00	0.62	0.10	0.87	1.58
33	<i>Rhododendron falconeri</i> Hook. f.	1	4.55	0.002	1.00	0.62	0.10	0.87	1.58
34	<i>Sabia</i> sp	1	4.55	0.002	1.00	0.62	0.10	0.87	1.58
35	<i>Vaccinium retusum</i> (Griffith) Hook. f.	1	4.55	0.002	1.00	0.62	0.10	0.87	1.58

Table 11: Bamboo Brakes

Sl. No.	Name	Ind.	F	D/m <sup>2</sup>	A	RF	RD	RA	IVI
1	<i>Clerodendrum viscosum</i> Ventenat	114	25	0.190	19	3.82	18.75	11.81	34.39
2	<i>Strobilanthes auriculata</i> Nees	53	37.50	0.088	5.89	5.73	8.72	3.66	18.11
3	<i>Pilea scripta</i> (D. Don) Weddell	47	33.33	0.078	5.88	5.10	7.73	3.65	16.48
4	<i>Eupatorium odoratum</i> L.	45	33.33	0.075	5.63	5.10	7.40	3.50	15.99
5	<i>Duhaldea rubricaulis</i> (DC.) Anderberg	41	29.17	0.068	5.86	4.46	6.74	3.64	14.84
6	<i>Morinda citrifolia</i> auct. non L.	33	41.67	0.055	3.30	6.37	5.43	2.05	13.85
7	<i>Boehmeria glomerulifera</i> Miquel	28	29.17	0.047	4.00	4.46	4.61	2.49	11.55
8	<i>Phlogacanthus thyrsoformis</i> (Hardwicke) Mabbertley	24	37.50	0.040	2.67	5.73	3.95	1.66	11.34
9	<i>Boehmeria platyphylla</i> D. Don	24	29.17	0.040	3.43	4.46	3.95	2.13	10.54
10	<i>Millettia</i> sp	18	8.33	0.030	9.00	1.27	2.96	5.60	9.83
11	<i>Premna bengalensis</i> C.B. Clarke	19	16.67	0.032	4.75	2.55	3.13	2.95	8.63
12	<i>Combretum decandrum</i> Roxburgh	16	29.17	0.027	2.29	4.46	2.63	1.42	8.51
13	<i>Lantana camara</i> L.	11	16.67	0.018	2.75	2.55	1.81	1.71	6.07
14	<i>Barleria strigosa</i> Willdenow	10	8.33	0.017	5.00	1.27	1.65	3.11	6.03
15	<i>Derris acuminata</i> Benthham	10	16.67	0.017	2.50	2.55	1.65	1.55	5.75
16	<i>Eupatorium adenophorum</i> Sprengel	9	12.50	0.015	3.00	1.91	1.48	1.87	5.26
17	<i>Maesa chisia</i> D. Don	7	20.83	0.012	1.40	3.19	1.15	0.87	5.21
18	<i>Piper pedicellatum</i> C. DC.	7	12.50	0.012	2.33	1.91	1.15	1.45	4.51
19	<i>Maesa indica</i> (Roxburgh) A. DC.	6	12.50	0.010	2.00	1.91	0.99	1.24	4.14
20	<i>Aechmanthera gossypina</i> Nees	4	4.17	0.007	4.00	0.64	0.66	2.49	3.78
21	<i>Desmodium heterocarpon</i> (L.) DC.	4	4.17	0.007	4.00	0.64	0.66	2.49	3.78
22	<i>Tabernaemontana divaricata</i> (L.) Roemer & Schultes	4	4.17	0.007	4.00	0.64	0.66	2.49	3.78
23	<i>Wendlandia wallichii</i> Wight & Arnott	4	4.17	0.007	4.00	0.64	0.66	2.49	3.78
24	<i>Clerodendrum colebrookeanum</i> Walper	4	12.50	0.007	1.33	1.91	0.66	0.83	3.40
25	<i>Desmodium gangeticum</i> (L.) DC.	4	12.50	0.007	1.33	1.91	0.66	0.83	3.40
26	<i>Soriudeia madagascarenensis</i> DC.	3	12.50	0.005	1.00	1.91	0.49	0.62	3.03
27	<i>Aspidocarya uvifera</i> Hook. f. & Thomson	3	4.17	0.005	3.00	0.64	0.49	1.87	3.00
28	<i>Beaumontia grandiflora</i> Wallich	3	4.17	0.005	3.00	0.64	0.49	1.87	3.00
29	<i>Coffea bengalensis</i> Schultes	3	4.17	0.005	3.00	0.64	0.49	1.87	3.00
30	<i>Vernonia</i> sp	3	4.17	0.005	3.00	0.64	0.49	1.87	3.00
31	<i>Artemisia indica</i> Willdenow	3	8.33	0.005	1.50	1.27	0.49	0.93	2.70
32	<i>Leea guineensis</i> G. Don	3	8.33	0.005	1.50	1.27	0.49	0.93	2.70
33	<i>Solanum torvum</i> Swartz	3	8.33	0.005	1.50	1.27	0.49	0.93	2.70
34	<i>Acacia gageana</i> Craib	2	8.33	0.003	1.00	1.27	0.33	0.62	2.23
35	<i>Acacia pennata</i> (L.) Willdenow	2	8.33	0.003	1.00	1.27	0.33	0.62	2.23
36	<i>Debregesia longifolia</i> (Burman f.) Weddell	2	8.33	0.003	1.00	1.27	0.33	0.62	2.23
37	<i>Paramignya monophylla</i> Wight	2	8.33	0.003	1.00	1.27	0.33	0.62	2.23
38	<i>Caryopteris bicolor</i> (Hardwicke) Mabbertley	2	4.17	0.003	2.00	0.64	0.33	1.24	2.21
39	<i>Cissampelos pareira</i> L.	2	4.17	0.003	2.00	0.64	0.33	1.24	2.21
40	<i>Clerodendrum serratum</i> (L.) Moon	2	4.17	0.003	2.00	0.64	0.33	1.24	2.21
41	<i>Dendrocnide sinuata</i> (Blume) Chew	2	4.17	0.003	2.00	0.64	0.33	1.24	2.21
42	<i>Gouania leptostachya</i> DC.	2	4.17	0.003	2.00	0.64	0.33	1.24	2.21
43	<i>Triumfetta rhomboidea</i> Jacquin	2	4.17	0.003	2.00	0.64	0.33	1.24	2.21
44	<i>Uncaria sessilifrutus</i> Roxburgh	2	4.17	0.003	2.00	0.64	0.33	1.24	2.21

Table 11 continued..

45	<i>Urena lobata</i> L.	2	4.17	0.003	2.00	0.64	0.33	1.24	2.21
46	<i>Abrus pulchellus</i> Thwaites	1	4.17	0.002	1.00	0.64	0.16	0.62	1.42
47	<i>Dalbergia tamarindifolia</i> Roxburgh	1	4.17	0.002	1.00	0.64	0.16	0.62	1.42
48	<i>Drypetes lancifolia</i> (Hook. f.) Pax & Hoffmann	1	4.17	0.002	1.00	0.64	0.16	0.62	1.42
49	<i>Melastoma malabarthicum</i> L.	1	4.17	0.002	1.00	0.64	0.16	0.62	1.42
50	<i>Rubus moluccanus</i> L.	1	4.17	0.002	1.00	0.64	0.16	0.62	1.42
51	<i>Sida acuta</i> Burman f.	1	4.17	0.002	1.00	0.64	0.16	0.62	1.42
52	<i>Taparia hirsuta</i> Hook. f.	1	4.17	0.002	1.00	0.64	0.16	0.62	1.42
53	<i>Thysanolaena maxima</i> (Roxburgh) Kuntze	1	4.17	0.002	1.00	0.64	0.16	0.62	1.42
54	<i>Wrightia arborea</i> (Dennstaedt) Mabberley	1	4.17	0.002	1.00	0.64	0.16	0.62	1.42

Table 12: *Rhododendron* Forests

Sl. No.	Name	Ind.	F	D/m <sup>2</sup>	A	RF	RD	RA	IVI
1	<i>Arundinaria racemosa</i> Munro	270	100	1.080	27	18.52	38.79	15.68	72.99
2	<i>Viburnum erubescens</i> DC.	140	100	0.560	14	18.52	20.11	8.13	46.77
3	<i>Rubus thomsonii</i> Focke	88	30	0.352	29.33	5.56	12.64	17.04	35.24
4	<i>Daphne papyracea</i> Wallich ex Steudel	66	30	0.264	22	5.56	9.48	12.78	27.82
5	<i>Daphne bholua</i> D. Don var <i>glacialis</i> (Smith & Cavanilles) Burt	47	60	0.188	7.83	11.11	6.75	4.55	22.41
6	<i>Smilax minutiflora</i> A. DC	22	10	0.088	22	1.85	3.16	12.78	17.79
7	<i>Aconogonon molle</i> (Meisner) Reichenbach	18	10	0.072	18	1.85	2.59	10.45	14.89
8	<i>Berberis asiatica</i> DC.	9	30	0.036	3	5.56	1.29	1.74	8.59
9	<i>Rosa laevigata</i> Michx.	5	20	0.020	2.50	3.70	0.72	1.45	5.87
10	<i>Spiraea arcuata</i> Hook. f.	5	20	0.020	2.50	3.70	0.72	1.45	5.87
11	<i>Berberis wallichiana</i> DC.	5	10	0.020	5	1.85	0.72	2.90	5.47
12	<i>Symplocos theifolia</i> D. Don	4	20	0.016	2	3.70	0.57	1.16	5.44
13	<i>Euonymus frigidus</i> Wallich	3	10	0.012	3	1.85	0.43	1.74	4.03
14	<i>Hypericum uratum</i> D. Don	3	10	0.012	3	1.85	0.43	1.74	4.03
15	<i>Smilax rigida</i> Wall ex Kunth	3	10	0.012	3	1.85	0.43	1.74	4.03
16	<i>Rubus moluccanus</i> L.	2	10	0.008	2	1.85	0.29	1.16	3.30
17	<i>Eurya acuminata</i> DC.	1	10	0.004	1	1.85	0.14	0.58	2.58
18	<i>Hypericum hookerianum</i> Wight & Arnott	1	10	0.004	1	1.85	0.14	0.58	2.58
19	<i>Piplanthus nepalensis</i> (Hooker) Sweet	1	10	0.004	1	1.85	0.14	0.58	2.58
20	<i>Ribes takare</i> D. Don	1	10	0.004	1	1.85	0.14	0.58	2.58
21	<i>Schefflera impressa</i> (Clarke) Harms	1	10	0.004	1	1.85	0.14	0.58	2.58
22	<i>Spiraea corymbosa</i> Roxburgh	1	10	0.004	1	1.85	0.14	0.58	2.58

Table 13: Open Scrub

Sl. No.	Name	Ind.	F	D/m <sup>2</sup>	A	RF	RD	RA	IVI
1	<i>Eupatorium adenophorum</i> Sprengel	155	80	1.240	38.75	8	49.36	37.21	94.57
2	<i>Aconogonon molle</i> (Meisner) Reichenbach	39	60	0.312	13.00	6	12.42	12.48	30.90
3	<i>Osbeckia stellata</i> Ker-Gawler	30	100	0.240	6.00	10	9.55	5.76	25.32
4	<i>Dichroa febrifuga</i> Loureiro	19	100	0.152	3.80	10	6.05	3.65	19.70
5	<i>Rubus moluccanus</i> L.	15	80	0.120	3.75	8	4.78	3.60	16.38
6	<i>Gleichenia gigantea</i> Wallich ex Hooker	11	20	0.088	11.00	2	3.50	10.56	16.07
7	<i>Viburnum erubescens</i> DC.	7	60	0.056	2.33	6	2.23	2.24	10.47
8	<i>Eurya acuminata</i> DC.	6	60	0.048	2.00	6	1.91	1.92	9.83
9	<i>Rubus ellipticus</i> Smith	6	60	0.048	2.00	6	1.91	1.92	9.83

Table 13 continued..

10	<i>Cryptomeria japonica</i> (L.f.) D. Don	4	40	0.032	2.00	4	1.27	1.92	7.19
11	<i>Actinodaphne</i> sp	3	40	0.024	1.50	4	0.96	1.44	6.40
12	<i>Eriobotrya petiolata</i> Hook. f.	2	40	0.016	1.00	4	0.64	0.96	5.60
13	<i>Acer campbellii</i> Hiem	2	20	0.016	2.00	2	0.64	1.92	4.56
14	<i>Litsea elongata</i> (Nees) Hook. f.	2	20	0.016	2.00	2	0.64	1.92	4.56
15	<i>Rhus succedanea</i> L.	2	20	0.016	2.00	2	0.64	1.92	4.56
16	<i>Symplocos</i> sp	2	20	0.016	2.00	2	0.64	1.92	4.56
17	<i>Agapetes serpens</i> (Wight) Sleumer	1	20	0.008	1.00	2	0.32	0.96	3.28
18	<i>Berberis aristata</i> DC.	1	20	0.008	1.00	2	0.32	0.96	3.28
19	<i>Castanopsis hystrix</i> A. DC.	1	20	0.008	1.00	2	0.32	0.96	3.28
20	<i>Cyathea spinulosa</i> Wallich ex Hooker	1	20	0.008	1.00	2	0.32	0.96	3.28
21	<i>Dobenia vulgaris</i> D. Don	1	20	0.008	1.00	2	0.32	0.96	3.28
22	<i>Exbucklandia populnea</i> (Griffith) R.W. Brown	1	20	0.008	1.00	2	0.32	0.96	3.28
23	<i>Innula cappa</i> (D. Don) DC.	1	20	0.008	1.00	2	0.32	0.96	3.28
24	<i>Michelia</i> sp	1	20	0.008	1.00	2	0.32	0.96	3.28
25	<i>Zanthoxylum oxyphyllum</i> Edgeworth	1	20	0.008	1.00	2	0.32	0.96	3.28

Table 14: Teak Plantation

Sl. No.	Name	NQ	F	D/m <sup>2</sup>	A	RF	RD	RA	IVI
1	<i>Coffea bengalensis</i> Schultes	22	100	2.176	54.41	9.28	49.36	23.08	81.72
2	<i>Eupatorium odoratum</i> L.	22	100	0.789	19.73	9.28	17.90	8.37	35.55
3	<i>Clerodendrum viscosum</i> Ventenat	20	90.91	0.414	11.40	8.44	9.40	4.84	22.68
4	<i>Sauropus compressus</i> Mueller	17	77.27	0.144	4.65	7.17	3.26	1.97	12.40
5	<i>Daedalanthus splendens</i> Anderson	10	45.45	0.089	4.90	4.22	2.02	2.08	8.32
6	<i>Baliospermum montanum</i> (Willdenow) Mueller	10	45.45	0.086	4.70	4.22	1.94	1.99	8.15
7	<i>Phyllanthus reticulatus</i> Poirat	10	45.45	0.086	4.70	4.22	1.94	1.99	8.15
8	<i>Triumfetta rhomboidea</i> Jacquin	10	45.45	0.069	3.80	4.22	1.57	1.61	7.40
9	<i>Urena lobata</i> L.	10	45.45	0.042	2.30	4.22	0.95	0.98	6.14
10	<i>Sida acuta</i> Burman f.	7	31.82	0.044	3.43	2.95	0.99	1.45	5.40
11	<i>Strobilanthes divaricata</i> (Nees) Anderson	5	22.73	0.047	5.20	2.11	1.07	2.21	5.39
12	<i>Achyrospermum wallichiana</i> Bentham	2	9.09	0.031	8.50	0.84	0.70	3.61	5.15
13	<i>Desmodium gangeticum</i> (L.) DC.	1	4.55	0.018	10.00	0.42	0.41	4.24	5.08
14	<i>Barleria strigosa</i> Willdenow	5	22.73	0.042	4.60	2.11	0.95	1.95	5.01
15	<i>Boehmeria</i> sp	1	4.55	0.014	8.00	0.42	0.33	3.39	4.15
16	<i>Wendlandia wallichii</i> Wight & Arnott	1	4.55	0.014	8.00	0.42	0.33	3.39	4.15
17	<i>Combretum decandrum</i> Roxburgh	7	31.82	0.020	1.57	2.95	0.45	0.67	4.07
18	<i>Desmodium heterocarpon</i> (L.) DC.	5	22.73	0.027	3.00	2.11	0.62	1.27	4.00
19	<i>Murraya koenigii</i> (L.) Sprengel	5	22.73	0.026	2.80	2.11	0.58	1.19	3.87
20	<i>Desmodium oblongum</i> Bentham	6	27.27	0.014	1.33	2.53	0.33	0.57	3.43
21	<i>Millettia extensa</i> (Bentham) Baker	5	22.73	0.018	2.00	2.11	0.41	0.85	3.37
22	<i>Butea parviflora</i> Roxburgh	4	18.18	0.018	2.50	1.69	0.41	1.06	3.16
23	<i>Duhaldea rubricaulis</i> (DC.) Anderberg	1	4.55	0.009	5.00	0.42	0.21	2.12	2.75
24	<i>Morinda citrifolia</i> L.	5	22.73	0.009	1.00	2.11	0.21	0.42	2.74
25	<i>Anisomeles indica</i> (L.) Kuntze	4	18.18	0.013	1.75	1.69	0.29	0.74	2.72
26	<i>Abrus pulchellus</i> Thwaites	2	9.09	0.013	3.50	0.84	0.29	1.48	2.62
27	<i>Boehmeria macrophylla</i> Hornemann	2	9.09	0.013	3.50	0.84	0.29	1.48	2.62
28	<i>Sauropus quadrangularis</i> (Willdenow) Mueller	2	9.09	0.013	3.50	0.84	0.29	1.48	2.62
29	<i>Clerodendrum japonicum</i> (Thunberg) Sweet	4	18.18	0.011	1.50	1.69	0.25	0.64	2.57
30	<i>Smilax lanceifolia</i> Roxburgh	4	18.18	0.011	1.50	1.69	0.25	0.64	2.57
31	<i>Thunbergia fragrans</i> Roxburgh	1	4.55	0.007	4.00	0.42	0.16	1.70	2.28
32	<i>Dioscorea pubera</i> Blume	2	9.09	0.007	2.00	0.84	0.16	0.85	1.86



Table 14 continued..

33	<i>Maesa chisia</i> D. Don	2	9.09	0.007	2.00	0.84	0.16	0.85	1.86
34	<i>Vallis solanacea</i> (Roth) O. Kuntze	2	9.09	0.007	2.00	0.84	0.16	0.85	1.86
35	<i>Deeringia amaranthoides</i> Brown	1	4.55	0.006	3.00	0.42	0.12	1.27	1.82
36	<i>Pogostemone benghalensis</i> (Burman f.) Kuntze	1	4.55	0.006	3.00	0.42	0.12	1.27	1.82
37	<i>Acacia gageana</i> Craib	1	4.55	0.004	2.00	0.42	0.08	0.85	1.35
38	<i>Ampelocissus sikkimensis</i> (Lawson) Planchon	1	4.55	0.004	2.00	0.42	0.08	0.85	1.35
39	<i>Dioscorea hispida</i> Dennstaedt	1	4.55	0.004	2.00	0.42	0.08	0.85	1.35
40	<i>Flacourtia</i> sp	1	4.55	0.004	2.00	0.42	0.08	0.85	1.35
41	<i>Gomphostemma parviflorum</i> Benth	1	4.55	0.004	2.00	0.42	0.08	0.85	1.35
42	<i>Millettia pachycarpa</i> Benth	1	4.55	0.004	2.00	0.42	0.08	0.85	1.35
43	<i>Thunbergia grandiflora</i> Roxburgh	1	4.55	0.004	2.00	0.42	0.08	0.85	1.35
44	<i>Uraria lagopodioides</i> (L.) Desveaux	1	4.55	0.004	2.00	0.42	0.08	0.85	1.35
45	<i>Bauhinia vahlii</i> Wight & Arnott	1	4.55	0.002	1.00	0.42	0.04	0.42	0.89
46	<i>Capparis olacifolia</i> Hook.f. & Thomson	1	4.55	0.002	1.00	0.42	0.04	0.42	0.89
47	<i>Gouania leptostachya</i> DC.	1	4.55	0.002	1.00	0.42	0.04	0.42	0.89
48	<i>Leea aequata</i> L.	1	4.55	0.002	1.00	0.42	0.04	0.42	0.89
49	<i>Lygodium flexuosum</i> Swartz	1	4.55	0.002	1.00	0.42	0.04	0.42	0.89
50	<i>Mimosa himalayana</i> Gamble	1	4.55	0.002	1.00	0.42	0.04	0.42	0.89
51	<i>Paramignya monophylla</i> Wight	1	4.55	0.002	1.00	0.42	0.04	0.42	0.89
52	<i>Phlogacanthus thyrsiformis</i> (Hardwicke) Mabbertley	1	4.55	0.002	1.00	0.42	0.04	0.42	0.89
53	<i>Sida rhombifolia</i> L.	1	4.55	0.002	1.00	0.42	0.04	0.42	0.89
54	<i>Soriudeia madagascarensis</i> DC.	1	4.55	0.002	1.00	0.42	0.04	0.42	0.89
55	<i>Uvaria hamiltonii</i> Hook. f. & Thomson	1	4.55	0.002	1.00	0.42	0.04	0.42	0.89

Table 15: *Cryptomeria* Plantation

Sl. No.	Name	Ind.	F	D/m <sup>2</sup>	A	RF	RD	RA	IVI
1	<i>Strobilanthes echinata</i> Nees	73	25	0.365	36.50	4	23.25	24.31	51.56
2	<i>Eurya acuminata</i> DC.	40	37.5	0.200	13.33	6	12.74	8.88	27.62
3	<i>Rubus moluccanus</i> L.	32	37.5	0.160	10.67	6	10.19	7.10	23.29
4	<i>Dichroa febrifuga</i> Loureiro	26	37.5	0.130	8.67	6	8.28	5.77	20.05
5	<i>Viburnum erubescens</i> DC.	17	75	0.085	2.83	12	5.41	1.89	19.30
6	<i>Symplocos glomerata</i> Clarke	23	37.5	0.115	7.67	6	7.33	5.11	18.43
7	<i>Rubus lineatus</i> Blume	21	37.5	0.105	7.00	6	6.69	4.66	17.35
8	<i>Arundinaria racemosa</i> Munro	15	12.5	0.075	15.00	2	4.78	9.99	16.77
9	<i>Smilax minutiflora</i> A. DC	11	25	0.055	5.50	4	3.50	3.66	11.17
10	<i>Maesa chisia</i> D. Don	8	25	0.040	4.00	4	2.55	2.66	9.21
11	<i>Rubus ellipticus</i> Smith	7	25	0.035	3.50	4	2.23	2.33	8.56
12	<i>Actinodaphne longipes</i> Kostermans	6	25	0.030	3.00	4	1.91	2.00	7.91
13	<i>Elaeocarpus sikkimensis</i> Masters	6	12.5	0.030	6.00	2	1.91	4.00	7.91
14	<i>Mahonia nepaulensis</i> DC.	5	25	0.025	2.50	4	1.59	1.67	7.26
15	<i>Actinodaphne sikkimensis</i> Meisner	4	12.5	0.020	4.00	2	1.27	2.66	5.94
16	<i>Acer campbellii</i> Hiern	2	12.5	0.010	2.00	2	0.64	1.33	3.97
17	<i>Boeninghausenia albiflora</i> Reichenbach	2	12.5	0.010	2.00	2	0.64	1.33	3.97
18	<i>Citrus</i> sp	2	12.5	0.010	2.00	2	0.64	1.33	3.97
19	<i>Innula cappa</i> (D. Don) DC.	2	12.5	0.010	2.00	2	0.64	1.33	3.97
20	<i>Osbeckia chinensis</i> L.	2	12.5	0.010	2.00	2	0.64	1.33	3.97
21	<i>Zanthoxylum budrunga</i> (Roxburgh) DC.	2	12.5	0.010	2.00	2	0.64	1.33	3.97
22	<i>Berberis wallichiana</i> DC.	1	12.5	0.005	1.00	2	0.32	0.67	2.98
23	<i>Blumea densiflora</i> DC.	1	12.5	0.005	1.00	2	0.32	0.67	2.98
24	<i>Garuga pinnata</i> Roxburgh	1	12.5	0.005	1.00	2	0.32	0.67	2.98
25	<i>Holboellia latifolia</i> Wallich var <i>angustifolia</i>	1	12.5	0.005	1.00	2	0.32	0.67	2.98
26	<i>Hypericum uralum</i> D. Don	1	12.5	0.005	1.00	2	0.32	0.67	2.98

Table 15 continued..

27	<i>Lithocarpus pachyphylla</i> (Kurz) Rehder	1	12.5	0.005	1.00	2	0.32	0.67	2.98
28	<i>Meliosma pinnata</i> (Roxburgh) Maximowicz	1	12.5	0.005	1.00	2	0.32	0.67	2.98
29	<i>Zanthoxylum rhetsa</i> (Roxburgh) DC.	1	12.5	0.005	1.00	2	0.32	0.67	2.98

Table 16: Degraded Forests

Sl. No.	Name	Ind.	F	D/m <sup>2</sup>	A	RF	RD	RA	IVI
1	<i>Clerodendrum viscosum</i> Ventenat	136	50	0.389	19.43	5.072	22.11	12.83	40.02
2	<i>Sauropus androgynous</i> (L.) Merrill	52	57.14	0.149	6.50	5.80	8.46	4.29	18.55
3	<i>Soriudeia madagascarensis</i> DC.	45	71.43	0.129	4.50	7.25	7.32	2.97	17.54
4	<i>Desmodium motorium</i> (Houttyn) Merrill	45	50.00	0.129	6.43	5.07	7.32	4.25	16.64
5	<i>Strobilanthes</i> sp	41	28.57	0.117	10.25	2.90	6.67	6.77	16.33
6	<i>Daedlcanthus splendens</i> Anderson	38	50.00	0.109	5.43	5.07	6.18	3.59	14.84
7	<i>Eupatorium odoratum</i> L.	32	57.14	0.091	4.00	5.80	5.20	2.64	13.64
8	<i>Tylophora belostemma</i> Bentham	15	7.14	0.043	15.00	0.73	2.44	9.91	13.07
9	<i>Sauropus compressus</i> Mueller	31	42.86	0.089	5.17	4.35	5.04	3.41	12.80
10	<i>Morinda citrifolia</i> auct. non L.	18	64.29	0.051	2.00	6.52	2.93	1.32	10.77
11	<i>Millettia extensa</i> (Bentham) Baker	20	50.00	0.057	2.86	5.07	3.25	1.89	10.21
12	<i>Phlogacanthus thyriformis</i> (Hardwicke) Mabberley	20	50.00	0.057	2.86	5.07	3.25	1.89	10.21
13	<i>Colebrookea oppositifolia</i> Smith	11	50.00	0.031	1.57	5.07	1.79	1.04	7.90
14	<i>Boehmeria platyphylla</i> D. Don	15	21.43	0.043	5.00	2.17	2.44	3.30	7.92
15	<i>Phyllanthus reticulatus</i> Poiret	11	35.71	0.031	2.20	3.62	1.79	1.45	6.87
16	<i>Bauhinia vahlii</i> Wight & Arnott	10	28.57	0.029	2.50	2.90	1.63	1.65	6.18
17	<i>Gomphostemma parviflorum</i> Bentham	9	14.29	0.026	4.50	1.45	1.46	2.97	5.89
18	<i>Acacia pennata</i> (L.) Willdenow	7	35.71	0.020	1.40	3.62	1.14	0.93	5.69
19	<i>Barleria cristata</i> L.	7	14.29	0.020	3.50	1.45	1.14	2.31	4.90
20	<i>Boehmeria glomerulifera</i> Miquel	5	7.14	0.014	5.00	0.73	0.81	3.30	4.84
21	<i>Thunbergia fragrans</i> Roxburgh	5	7.14	0.014	5.00	0.73	0.81	3.30	4.84
22	<i>Adina cardiophylla</i> (Masters) Engler	4	7.14	0.011	4.00	0.73	0.65	2.64	4.02
23	<i>Combretum decandrum</i> Roxburgh	4	21.43	0.011	1.33	2.17	0.65	0.88	3.71
24	<i>Acacia gageana</i> Craib	3	7.14	0.009	3.00	0.73	0.49	1.98	3.19
25	<i>Clerodendrum serratum</i> (L.) Moon	3	7.14	0.009	3.00	0.73	0.49	1.98	3.19
26	<i>Maesa indica</i> (Roxburgh) A. DC.	3	14.29	0.009	1.50	1.45	0.49	0.99	2.93
27	<i>Premna bengalensis</i> Clarke	3	14.29	0.009	1.50	1.45	0.49	0.99	2.93
28	<i>Desmodium laxiflorum</i> DC.	2	7.14	0.006	2.00	0.73	0.33	1.32	2.37
29	<i>Duhalea rubricaulis</i> (DC.) Anderberg	2	7.14	0.006	2.00	0.73	0.33	1.32	2.37
30	<i>Leea aequata</i> L.	2	7.14	0.006	2.00	0.73	0.33	1.32	2.37
31	<i>Porana paniculata</i> Roxburgh	2	7.14	0.006	2.00	0.73	0.33	1.32	2.37
32	<i>Sida acuta</i> Burman f.	2	7.14	0.006	2.00	0.73	0.33	1.32	2.37
33	<i>Aerva sanguinolanta</i> (L.) Blume	1	7.14	0.003	1.00	0.73	0.16	0.66	1.55
34	<i>Anisomeles indica</i> (L.) Kuntze	1	7.14	0.003	1.00	0.73	0.16	0.66	1.55
35	<i>Barleria strigosa</i> Willdenow	1	7.14	0.003	1.00	0.73	0.16	0.66	1.55
36	<i>Castanopsis lanceifolia</i> (Roxburgh) Hickel & Camus	1	7.14	0.003	1.00	0.73	0.16	0.66	1.55
37	<i>Deeringia amaranthoides</i> Brown	1	7.14	0.003	1.00	0.73	0.16	0.66	1.55
38	<i>Desmodium gangeticum</i> (L.) DC.	1	7.14	0.003	1.00	0.73	0.16	0.66	1.55
39	<i>Leea guineensis</i> G. Don	1	7.14	0.003	1.00	0.73	0.16	0.66	1.55
40	<i>Paramignya monophylla</i> Wight	1	7.14	0.003	1.00	0.73	0.16	0.66	1.55
41	<i>Thunbergia grandiflora</i> Roxburgh	1	7.14	0.003	1.00	0.73	0.16	0.66	1.55
42	<i>Thysanolaena maxima</i> (Roxburgh) Kuntze	1	7.14	0.003	1.00	0.73	0.16	0.66	1.55
43	<i>Triumfetta rhomboidea</i> Jacquin	1	7.14	0.003	1.00	0.73	0.16	0.66	1.55
44	<i>Urena lobata</i> L.	1	7.14	0.003	1.00	0.73	0.16	0.66	1.55

## Annexure III

### Phytosociological analysis of Herb layer in different forest types in Darjiling Hills

Table 1: Tropical Semi-evergreen Forests

Sl. No.	Name	TC	F	D	A	RF	RD	RA	IVI
1	<i>Elatostema obtusum</i> Weddell	191	17.14	5.46	31.83	3.57	31.01	14.08	48.66
2	<i>Coffea bengalensis</i> Schultes	32	31.43	0.91	2.91	6.55	5.19	1.29	13.03
3	<i>Chloranthus erectus</i> (Buchnan-Hamilton) Verdcourt	39	17.14	1.11	6.5	3.57	6.33	2.87	12.78
4	<i>Leea</i> sp	18	25.71	0.51	2	5.36	2.92	0.88	9.16
5	<i>Pteris</i> sp	22	20.00	0.63	3.14	4.17	3.57	1.39	9.13
6	<i>Oplismenus burmanii</i> (Retzius) P. Beauvois	22	20.00	0.63	3.14	4.17	3.57	1.39	9.13
7	<i>Aneilema thomsonii</i> (C.B. Clarle) C. B. Clarke	19	5.71	0.54	9.5	1.19	3.08	4.2	8.48
8	<i>Commelina suffruticosa</i> Blume	17	8.57	0.49	5.67	1.79	2.76	2.51	7.05
9	<i>Commelina sikkimensis</i> C. B. Clarke	9	2.86	0.26	9	0.6	1.46	3.98	6.04
10	<i>Digitaria ciliaris</i> (Retzius) Koel	12	5.71	0.34	6	1.19	1.95	2.65	5.79
11	<i>Piper sylvaticum</i> Roxburgh	12	11.43	0.34	3	2.38	1.95	1.33	5.66
12	<i>Dryopteris sikkimensis</i> (Beddome) Kuntze	8	2.86	0.23	8	0.6	1.3	3.54	5.43
13	<i>Pupalia atropurpurea</i> (Lamarck) Moquin	8	2.86	0.23	8	0.6	1.3	3.54	5.43
14	<i>Dicliptera bupleuroides</i> Nees	11	5.71	0.31	5.5	1.19	1.79	2.43	5.41
15	<i>Desmodium laxiflorum</i> DC.	7	2.86	0.2	7	0.6	1.14	3.1	4.83
16	<i>Lycestaria</i> sp	9	5.71	0.26	4.5	1.19	1.46	1.99	4.64
17	<i>Gouania leptostachya</i> DC.	9	8.57	0.26	3	1.79	1.46	1.33	4.57
18	<i>Tectaria polymorpha</i> (Wallich) Copel	7	11.43	0.2	1.75	2.38	1.14	0.77	4.29
19	<i>Mikania micrantha</i> Kunth	8	8.57	0.23	2.67	1.79	1.3	1.18	4.26
20	<i>Pterospermum acerifolium</i> (L.) Willdenow	5	14.29	0.14	1	2.98	0.81	0.44	4.23
21	<i>Piper chuyva</i> (Miquel) C. DC.	6	2.86	0.17	6	0.6	0.97	2.65	4.22
22	<i>Tylophora exilis</i> Colebrooke	7	8.57	0.2	2.33	1.79	1.14	1.03	3.95
23	<i>Nephrolepis cordifolia</i> (L.) Presl	5	2.86	0.14	5	0.6	0.81	2.21	3.62
24	<i>Achyrosperrum wallichiana</i> Bentham	6	5.71	0.17	3	1.19	0.97	1.33	3.49
25	<i>Cheilanthes farinosa</i> (Forsskal) Kaulf.	6	5.71	0.17	3	1.19	0.97	1.33	3.49
26	<i>Thunbergia fragrans</i> Roxburgh	4	8.57	0.11	1.33	1.79	0.65	0.59	3.02
27	<i>Smilax lanceifolia</i> Roxburgh	4	2.86	0.11	4	0.6	0.65	1.77	3.01
28	<i>Hedychium</i> sp	4	5.71	0.11	2	1.19	0.65	0.88	2.72
29	<i>Uvaria hamiltonii</i> Hook. f. & Thomson	4	5.71	0.11	2	1.19	0.65	0.88	2.72
30	<i>Naravelia zeylanica</i> (L.) DC.	3	8.57	0.09	1	1.79	0.49	0.44	2.71
31	<i>Pteris</i> sp	3	8.57	0.09	1	1.79	0.49	0.44	2.71
32	<i>Tetrastigma rumicispermum</i> (Lawson) Planchon	3	8.57	0.09	1	1.79	0.49	0.44	2.71
33	<i>Tetrastigma serrulatum</i> (Roxburgh) Planchon	3	8.57	0.09	1	1.79	0.49	0.44	2.71
34	<i>Chukrasia tabularis</i> Jussieu	3	2.86	0.09	3	0.6	0.49	1.33	2.41
35	<i>Gymnostemma pentaphylla</i> (Thunberg) Makino	3	2.86	0.09	3	0.6	0.49	1.33	2.41
36	<i>Dendrocnide sinuata</i> (Blume) Chew	3	5.71	0.09	1.5	1.19	0.49	0.66	2.34
37	<i>Leea</i> sp1	3	5.71	0.09	1.5	1.19	0.49	0.66	2.34
38	<i>Leea indica</i> (Burman) Merrill	3	5.71	0.09	1.5	1.19	0.49	0.66	2.34
39	<i>Clerodendrum viscosum</i> Ventenat	2	5.71	0.06	1	1.19	0.32	0.44	1.96
40	<i>Colebrookea oppositifolia</i> Smith	2	5.71	0.06	1	1.19	0.32	0.44	1.96
41	<i>Peliosanthes macrophylla</i> Wallich ex Baker	2	5.71	0.06	1	1.19	0.32	0.44	1.96
42	<i>Phrynium pubinerve</i> Blume	2	5.71	0.06	1	1.19	0.32	0.44	1.96
43	<i>Piper peepuloides</i> Roxburgh	2	5.71	0.06	1	1.19	0.32	0.44	1.96
44	<i>Pothos scandens</i> L.	2	5.71	0.06	1	1.19	0.32	0.44	1.96
45	<i>Psychotria erratica</i> Hook. F.	2	5.71	0.06	1	1.19	0.32	0.44	1.96
46	<i>Boehmeria</i> sp	2	2.86	0.06	2	0.6	0.32	0.88	1.8
47	<i>Chloranthus erectus</i> (Buchnan-Hamilton) Verdcourt	2	2.86	0.06	2	0.6	0.32	0.88	1.8

Table 1 continued..

48	<i>Costus speciosus</i> (J. Koenig) Smith	2	2.86	0.06	2	0.6	0.32	0.88	1.8
49	<i>Dryopteris</i> sp	2	2.86	0.06	2	0.6	0.32	0.88	1.8
50	<i>Inula cuspidata</i> (DC.) C.B. Clarke	2	2.86	0.06	2	0.6	0.32	0.88	1.8
51	<i>Leea alata</i> Edgeworth	2	2.86	0.06	2	0.6	0.32	0.88	1.8
52	<i>Piper</i> sp	2	2.86	0.06	2	0.6	0.32	0.88	1.8
53	<i>Smilax zeylanica</i> L.	2	2.86	0.06	2	0.6	0.32	0.88	1.8
54	<i>Allocacia</i> sp	1	2.86	0.03	1	0.6	0.16	0.44	1.2
55	<i>Aristolochia saccata</i> Wallich	1	2.86	0.03	1	0.6	0.16	0.44	1.2
56	<i>Bolbitis heteroclita</i> (Pr.) Ching	1	2.86	0.03	1	0.6	0.16	0.44	1.2
57	<i>Cayratia japonica</i> (Thunberg) Gagnepain	1	2.86	0.03	1	0.6	0.16	0.44	1.2
58	<i>Curcuma aromatica</i> Salisbury	1	2.86	0.03	1	0.6	0.16	0.44	1.2
59	<i>Curcuma</i> sp	1	2.86	0.03	1	0.6	0.16	0.44	1.2
60	<i>Cyanotis</i> sp	1	2.86	0.03	1	0.6	0.16	0.44	1.2
61	<i>Cyclea barbata</i> Miers	1	2.86	0.03	1	0.6	0.16	0.44	1.2
62	<i>Eupatorium odoratum</i> L.	1	2.86	0.03	1	0.6	0.16	0.44	1.2
63	<i>Ficus headrace</i> Roxburgh	1	2.86	0.03	1	0.6	0.16	0.44	1.2
64	<i>Gomphostemma ovatum</i> Benth	1	2.86	0.03	1	0.6	0.16	0.44	1.2
65	<i>Kydia calycina</i> Roxburgh	1	2.86	0.03	1	0.6	0.16	0.44	1.2
66	<i>Leea guineensis</i> G. Don	1	2.86	0.03	1	0.6	0.16	0.44	1.2
67	<i>Musa bulbisiana</i> Kolla	1	2.86	0.03	1	0.6	0.16	0.44	1.2
68	<i>Pandanus nepalensis</i> St John	1	2.86	0.03	1	0.6	0.16	0.44	1.2
69	<i>Soriudeia madagascarensis</i> DC.	1	2.86	0.03	1	0.6	0.16	0.44	1.2
70	<i>Toddalia asiatica</i> (L.) Lamarck	1	2.86	0.03	1	0.6	0.16	0.44	1.2
71	<i>Trichosanthes lepiniana</i> (Naudin) Cogniaux	1	2.86	0.03	1	0.6	0.16	0.44	1.2

Table 2: Himalayan Sal Forests

Sl. No.	Name	TC	F	D	A	RF	RD	RA	IVI
1	<i>Opismenus burmanii</i> (Retzius) P. Beauvois	280	33.08	2.15	6.51	5.22	9.01	1.11	15.34
2	<i>Shorea robusta</i> Gaertner f.	253	36.92	1.95	5.27	5.83	8.14	0.89	14.87
3	<i>Eupatorium odoratum</i> L.	196	33.08	1.51	4.56	5.22	6.31	0.77	12.3
4	<i>Clerodendrum viscosum</i> Ventenat	119	33.08	0.92	2.77	5.22	3.83	0.47	9.52
5	<i>Pronephrium nudatum</i> (Roxburgh) Chandra	143	19.23	1.1	5.72	3.04	4.6	0.97	8.61
6	<i>Arundinella bengalensis</i> (Sprengel) Druce	139	16.15	1.07	6.62	2.55	4.47	1.12	8.15
7	<i>Borreria alata</i> (Blume) DC.	132	12.31	1.02	8.25	1.94	4.25	1.4	7.59
8	<i>Scleria terrestris</i> (L.) Fassett	78	19.23	0.6	3.12	3.04	2.51	0.53	6.08
9	<i>Auxonopus compressus</i> (Swartz) P. Beauvois	85	5.39	0.65	12.14	0.85	2.73	2.06	5.65
10	<i>Uraria alopecuroides</i> Sweet	81	9.23	0.62	6.75	1.46	2.61	1.15	5.21
11	<i>Globba racemosa</i> Smith	73	5.39	0.56	10.43	0.85	2.35	1.77	4.97
12	<i>Strobilanthes capitata</i> (Nees) Anderson	60	3.08	0.46	15	0.49	1.93	2.55	4.96
13	<i>Rungia pectinata</i> (L.) Nees	53	15.39	0.41	2.65	2.43	1.71	0.45	4.59
14	<i>Cyanthocline lyrata</i> Cassini	37	1.54	0.28	18.5	0.24	1.19	3.14	4.57
15	<i>Capillipedium assimile</i> (Steudel) A. Camus	56	4.62	0.43	9.33	0.73	1.8	1.58	4.12
16	<i>Imperata cylindrica</i> (L.) Rausch.	52	6.92	0.4	5.78	1.09	1.67	0.98	3.75
17	<i>Digitaria ciliaris</i> (Retzius) Koel	29	1.54	0.22	14.5	0.24	0.93	2.46	3.64
18	<i>Saccharum arundinaceum</i> Retzius	41	11.54	0.32	2.73	1.82	1.32	0.46	3.61
19	<i>Flemingia strobilifera</i> (L.) Aiton	15	0.77	0.12	15	0.12	0.48	2.55	3.15
20	<i>Hemidesmus indicus</i> (L.) Schultes	37	7.69	0.28	3.7	1.22	1.19	0.63	3.03
21	<i>Scleria levis</i> Retzius	33	3.08	0.25	8.25	0.49	1.06	1.4	2.95
22	<i>Elephantopus scaber</i> L.	34	6.92	0.26	3.78	1.09	1.09	0.64	2.83
23	<i>Thunbergia fragrans</i> Roxburgh	29	8.46	0.22	2.64	1.34	0.93	0.45	2.72
24	<i>Carex stramentitia</i> Boott ex Boeckeler	12	0.77	0.09	12	0.12	0.39	2.04	2.54
25	<i>Cryptolepis sinensis</i> (Loureiro) Merrill	29	3.85	0.22	5.8	0.61	0.93	0.98	2.53
26	<i>Curculigo orchioides</i> Gaertner	23	8.46	0.18	2.09	1.34	0.74	0.35	2.43
27	<i>Adenostemma lavenia</i> (L.) Kuntze	23	2.31	0.18	7.67	0.36	0.74	1.3	2.41

Table 2 continued..

28	<i>Oryza meyeriana</i> (Zollinger & Moritz) Baillon var <i>granulata</i> (Nees & Arnott ex Wallich) Duistermaat	23	2.31	0.18	7.67	0.36	0.74	1.3	2.41
29	<i>Dioscorea bulbifera</i> L.	22	8.46	0.17	2	1.34	0.71	0.34	2.38
30	<i>Lepidagathis incurva</i> D. Don	22	8.46	0.17	2	1.34	0.71	0.34	2.38
31	<i>Cymbopogon microtheca</i> (Hook. f.) A. Camus	25	3.08	0.19	6.25	0.49	0.8	1.06	2.35
32	<i>Corymborkis veratrifolia</i> (Reinwardt) Blume	21	8.46	0.16	1.91	1.34	0.68	0.32	2.34
33	<i>Synedrella nodiflora</i> (L.) Gaertner	22	6.92	0.17	2.44	1.09	0.71	0.42	2.22
34	<i>Setaria plicata</i> (Lammers) T. Cooke	23	3.08	0.18	5.75	0.49	0.74	0.98	2.2
35	<i>Pteris</i> sp	24	3.85	0.18	4.8	0.61	0.77	0.81	2.19
36	<i>Cynanchum corymbosum</i> Wight	21	6.92	0.16	2.33	1.09	0.68	0.4	2.17
37	<i>Dicanthium annulatum</i> (Forsskal) Stapf	10	0.77	0.08	10	0.12	0.32	1.7	2.14
38	<i>Leea aequata</i> L.	10	0.77	0.08	10	0.12	0.32	1.7	2.14
39	<i>Blumea densiflora</i> DC.	21	5.39	0.16	3	0.85	0.68	0.51	2.04
40	<i>Blumea lacera</i> (Burman f.) DC.	19	5.39	0.15	2.71	0.85	0.61	0.46	1.92
41	<i>Panicum monanthum</i> Roxburgh	19	3.08	0.15	4.75	0.49	0.61	0.81	1.9
42	<i>Desmodium</i> sp	19	4.62	0.15	3.17	0.73	0.61	0.54	1.88
43	<i>Kyllinga nemoralis</i> (J.R. & G. Forster) Dandy ex Hutchinson & Dalziel	17	2.31	0.13	5.67	0.36	0.55	0.96	1.87
44	<i>Strobilanthes</i> sp	19	3.85	0.15	3.8	0.61	0.61	0.65	1.86
45	<i>Lygodium flexuosum</i> Swartz	12	7.69	0.09	1.2	1.22	0.39	0.2	1.8
46	<i>Smilax zeylanica</i> L.	12	6.92	0.09	1.33	1.09	0.39	0.23	1.71
47	<i>Cyperus</i> sp	15	5.39	0.12	2.14	0.85	0.48	0.36	1.7
48	<i>Desmodium motorium</i> (Houttyn) Merrill	15	4.62	0.12	2.5	0.73	0.48	0.42	1.64
49	<i>Mikania micrantha</i> Kunth	12	5.39	0.09	1.71	0.85	0.39	0.29	1.53
50	<i>Millettia pachycarpa</i> Benth	13	3.85	0.1	2.6	0.61	0.42	0.44	1.47
51	<i>Achyranthes bidentata</i> Blume	13	3.08	0.1	3.25	0.49	0.42	0.55	1.46
52	undetermined	12	3.08	0.09	3	0.49	0.39	0.51	1.38
53	<i>Amomum dealbatum</i> Roxburgh	9	5.39	0.07	1.29	0.85	0.29	0.22	1.36
54	<i>Phyllanthus reticulatus</i> Poir	6	0.77	0.05	6	0.12	0.19	1.02	1.33
55	<i>Cayratia japonica</i> (Thunberg) Gagnepain	6	0.77	0.05	6	0.12	0.19	1.02	1.33
56	<i>Digitaria abludens</i> (Roemer & Schultes) Veldkamp	11	3.85	0.08	2.2	0.61	0.35	0.37	1.33
57	<i>Mallotus philippensis</i> (Lamarck) Mueller	9	1.54	0.07	4.5	0.24	0.29	0.76	1.3
58	<i>Brachiaria reptans</i> (L.) Gardner & Hubb.	9	1.54	0.07	4.5	0.24	0.29	0.76	1.3
59	<i>Desmodium oblongum</i> Benth	8	5.39	0.06	1.14	0.85	0.26	0.19	1.3
60	<i>Flemingia macrophylla</i> (Willdenow) Merrill	9	4.62	0.07	1.5	0.73	0.29	0.25	1.27
61	<i>Flemingia strobilifera</i> (L.) Aiton	10	3.85	0.08	2	0.61	0.32	0.34	1.27
62	<i>Polygala crotalariaoides</i> DC.	7	5.39	0.05	1	0.85	0.23	0.17	1.25
63	<i>Cyclea barbata</i> Miers	10	3.08	0.08	2.5	0.49	0.32	0.42	1.23
64	<i>Dioscorea prazeri</i> Prain & Burkill	10	3.08	0.08	2.5	0.49	0.32	0.42	1.23
65	<i>Ageratum conyzoides</i> L.	9	2.31	0.07	3	0.36	0.29	0.51	1.16
66	<i>Ichnocarpus frutescens</i> (L.) Aiton	9	3.08	0.07	2.25	0.49	0.29	0.38	1.16
67	<i>Corymborkis veratrifolia</i> (Reinwardt) Blume	5	0.77	0.04	5	0.12	0.16	0.85	1.13
68	<i>Mitracarpus verticillatus</i> (Schumann et Thonn) Vatke	5	0.77	0.04	5	0.12	0.16	0.85	1.13
69	<i>Bauhinia vahlii</i> Wight & Arnott	6	4.62	0.05	1	0.73	0.19	0.17	1.09
70	<i>Piper sylvaticum</i> Roxburgh	7	3.85	0.05	1.4	0.61	0.23	0.24	1.07
71	<i>Flemingia</i> sp	7	3.08	0.05	1.75	0.49	0.23	0.3	1.01
72	<i>Vernonia scandens</i> DC.	7	3.08	0.05	1.75	0.49	0.23	0.3	1.01
73	<i>Desmodium dioicum</i> DC.	7	2.31	0.05	2.33	0.36	0.23	0.4	0.99
74	<i>Pteris biauaria</i> L.	6	1.54	0.05	3	0.24	0.19	0.51	0.95
75	<i>Carex</i> sp	4	0.77	0.03	4	0.12	0.13	0.68	0.93
76	<i>Kyllinga brevifolia</i> Rottboell	4	0.77	0.03	4	0.12	0.13	0.68	0.93
77	<i>Tropidia curculigoides</i> Lindley	4	0.77	0.03	4	0.12	0.13	0.68	0.93
78	<i>Cymbidium</i> sp	6	2.31	0.05	2	0.36	0.19	0.34	0.9
79	<i>Dalbergia sericea</i> G. Don	6	2.31	0.05	2	0.36	0.19	0.34	0.9
80	<i>Wrightia tinctoria</i> (Roxburgh) DC.	6	2.31	0.05	2	0.36	0.19	0.34	0.9
81	<i>Dioscorea pubera</i> Blume	5	3.08	0.04	1.25	0.49	0.16	0.21	0.86
82	<i>Heynea trijuga</i> Sims	5	3.08	0.04	1.25	0.49	0.16	0.21	0.86

Table 2 continued..

83	<i>Anisomeles indica</i> (L.) Kuntze	5	1.54	0.04	2.5	0.24	0.16	0.42	0.83
84	<i>Coffea bengalensis</i> Schultes	5	1.54	0.04	2.5	0.24	0.16	0.42	0.83
85	<i>Crotalaria albida</i> Roth	5	1.54	0.04	2.5	0.24	0.16	0.42	0.83
86	<i>Desmodium laxiflorum</i> DC.	5	2.31	0.04	1.67	0.36	0.16	0.28	0.81
87	<i>Adiantum phillipense</i> L.	3	0.77	0.02	3	0.12	0.1	0.51	0.73
88	<i>Aporosa octandra</i> (D. Don) Vickery	3	0.77	0.02	3	0.12	0.1	0.51	0.73
89	<i>Barleria strigosa</i> Willdenow	3	0.77	0.02	3	0.12	0.1	0.51	0.73
90	<i>Blumea glomerata</i> DC.	3	0.77	0.02	3	0.12	0.1	0.51	0.73
91	<i>Bridelia retusa</i> (L.) Sprengel	3	0.77	0.02	3	0.12	0.1	0.51	0.73
92	<i>Butea parviflora</i> Roxburgh	3	0.77	0.02	3	0.12	0.1	0.51	0.73
93	<i>Commelina paludosa</i> Blume	3	0.77	0.02	3	0.12	0.1	0.51	0.73
94	<i>Gynocardia odorata</i> R. Brown	3	0.77	0.02	3	0.12	0.1	0.51	0.73
95	<i>Mucuna macrocarpa</i> Wallich	3	0.77	0.02	3	0.12	0.1	0.51	0.73
96	<i>Sclerocarpus africanus</i> Jacquin	3	0.77	0.02	3	0.12	0.1	0.51	0.73
97	<i>Tetrastigma serrulatum</i> (Roxburgh) Planchon	3	0.77	0.02	3	0.12	0.1	0.51	0.73
98	<i>Aspidopterys wallichii</i> Hook. f.	4	2.31	0.03	1.33	0.36	0.13	0.23	0.72
99	<i>Corymborkis veratrifolia</i> (Reinwardt) Blume	4	2.31	0.03	1.33	0.36	0.13	0.23	0.72
100	<i>Vernonia cinerea</i> (L.) Less.	4	2.31	0.03	1.33	0.36	0.13	0.23	0.72
101	<i>Alpinia nigra</i> (Gaertner) B.L. Burt	4	1.54	0.03	2	0.24	0.13	0.34	0.71
102	<i>Curculigo capitulata</i> (Loureiro) Kuntze	4	1.54	0.03	2	0.24	0.13	0.34	0.71
103	<i>Cyperus cyperoides</i> (Retzius) Kuntze	4	1.54	0.03	2	0.24	0.13	0.34	0.71
104	<i>Pavetta indica</i> L.	4	1.54	0.03	2	0.24	0.13	0.34	0.71
105	<i>Smilax ovalifolia</i> Roxburgh	4	1.54	0.03	2	0.24	0.13	0.34	0.71
106	<i>Urena lobata</i> L.	4	1.54	0.03	2	0.24	0.13	0.34	0.71
107	<i>Argyrea roxburghii</i> Choisy	3	2.31	0.02	1	0.36	0.1	0.17	0.63
108	<i>Bauhinia purpurea</i> L.	3	2.31	0.02	1	0.36	0.1	0.17	0.63
109	<i>Natsiatum herpeticum</i> Amott	3	2.31	0.02	1	0.36	0.1	0.17	0.63
110	<i>Stephania japonica</i> (Thunberg) Miers	3	2.31	0.02	1	0.36	0.1	0.17	0.63
111	<i>Biophytum reinwardtii</i> (Zuccarini) Klotzsch	3	1.54	0.02	1.5	0.24	0.1	0.25	0.59
112	<i>Cayratia japonica</i> (Thunberg) Gagnepain	3	1.54	0.02	1.5	0.24	0.1	0.25	0.59
113	<i>Costus speciosus</i> (J. Koenig) Smith	3	1.54	0.02	1.5	0.24	0.1	0.25	0.59
114	<i>Phyllanthus virgatus</i> Forster f.	3	1.54	0.02	1.5	0.24	0.1	0.25	0.59
115	<i>Schima wallichii</i> (DC.) Korthals	3	1.54	0.02	1.5	0.24	0.1	0.25	0.59
116	<i>Vigna pilosa</i> (Willdenow) Baker	3	1.54	0.02	1.5	0.24	0.1	0.25	0.59
117	<i>Aristolochia saccata</i> Wallich	2	0.77	0.02	2	0.12	0.06	0.34	0.53
118	<i>Asystasia</i> sp	2	0.77	0.02	2	0.12	0.06	0.34	0.53
119	<i>Blumea lanceolaria</i> (Roxburgh) Druce	2	0.77	0.02	2	0.12	0.06	0.34	0.53
120	<i>Bonnyia reptans</i> (Roxburgh) Sprengel	2	0.77	0.02	2	0.12	0.06	0.34	0.53
121	<i>Capillipedium parviflorum</i> (R. Brown) Stapf	2	0.77	0.02	2	0.12	0.06	0.34	0.53
122	<i>Chloris gayana</i> Kunth	2	0.77	0.02	2	0.12	0.06	0.34	0.53
123	<i>Chlorophytum arundinaceum</i> Baker	2	0.77	0.02	2	0.12	0.06	0.34	0.53
124	<i>Dioscorea deltoidea</i> Wallich ex Kunth	2	0.77	0.02	2	0.12	0.06	0.34	0.53
125	<i>Gouania nepalensis</i> Wallich	2	0.77	0.02	2	0.12	0.06	0.34	0.53
126	<i>Lagerstroemia parviflora</i> Roxburgh	2	0.77	0.02	2	0.12	0.06	0.34	0.53
127	<i>Mucuna pruriens</i> (L.) DC.	2	0.77	0.02	2	0.12	0.06	0.34	0.53
128	<i>Plectranthus</i> sp	2	0.77	0.02	2	0.12	0.06	0.34	0.53
129	<i>Polyalthia simiarum</i> (Hook. f. & Thomson) Hook. f. & Thomson	2	0.77	0.02	2	0.12	0.06	0.34	0.53
130	<i>Rottboellia protensa</i> Hackel	2	0.77	0.02	2	0.12	0.06	0.34	0.53
131	<i>Sida rhombifolia</i> L.	2	0.77	0.02	2	0.12	0.06	0.34	0.53
132	<i>Stereospermum colais</i> (Dillwyn) Mabberley	2	0.77	0.02	2	0.12	0.06	0.34	0.53
133	<i>Syzygium cumini</i> (L.) Skeels	2	0.77	0.02	2	0.12	0.06	0.34	0.53
134	<i>Tectaria polymorpha</i> (Wallich) Copel	2	0.77	0.02	2	0.12	0.06	0.34	0.53
135	<i>Vernonia attenuata</i> DC.	2	0.77	0.02	2	0.12	0.06	0.34	0.53
136	<i>Adina cardiophylla</i> (Mast.) Engler	2	1.54	0.02	1	0.24	0.06	0.17	0.48
137	<i>Aspidopterys nutans</i> (Roxburgh) Hook. f.	2	1.54	0.02	1	0.24	0.06	0.17	0.48
138	<i>Blumea bifoliata</i> (L.) DC.	2	1.54	0.02	1	0.24	0.06	0.17	0.48
139	<i>Liparis</i> sp	2	1.54	0.02	1	0.24	0.06	0.17	0.48
140	<i>Litsea monopetala</i> (Roxburgh) Persoon	2	1.54	0.02	1	0.24	0.06	0.17	0.48
141	<i>Morinda citrifolia</i> auct. non L.	2	1.54	0.02	1	0.24	0.06	0.17	0.48

Table 2 continued..

142	<i>Tetrastigma campylocarpum</i> (Kurz) Planchon	2	1.54	0.02	1	0.24	0.06	0.17	0.48
143	<i>Tetrastigma leucostaphyllum</i> (Dennstaedt) Mabberley	2	1.54	0.02	1	0.24	0.06	0.17	0.48
144	<i>Mucuna pruriens</i> (L.) DC.	1	0.77	0.01	1	0.12	0.03	0.17	0.32
145	<i>Abrus pectorius</i> L.	1	0.77	0.01	1	0.12	0.03	0.17	0.32
146	<i>Acacia</i> sp	1	0.77	0.01	1	0.12	0.03	0.17	0.32
147	<i>Aspidopterys nutans</i> (Roxburgh) Hook. f.	1	0.77	0.01	1	0.12	0.03	0.17	0.32
148	<i>Blumea sikkimensis</i> Hook. f.	1	0.77	0.01	1	0.12	0.03	0.17	0.32
149	<i>Blumeopsis flava</i> (DC.) Gagnepain	1	0.77	0.01	1	0.12	0.03	0.17	0.32
150	<i>Bolbitis heteroclita</i> (Pr.) Ching	1	0.77	0.01	1	0.12	0.03	0.17	0.32
151	<i>Celtis tetrandra</i> Roxburgh	1	0.77	0.01	1	0.12	0.03	0.17	0.32
152	<i>Chloris dolichostachya</i> Lag	1	0.77	0.01	1	0.12	0.03	0.17	0.32
153	<i>Conyza semipinnatifida</i> Wallich DC.	1	0.77	0.01	1	0.12	0.03	0.17	0.32
154	<i>Cordia obliqua</i> Willdenow	1	0.77	0.01	1	0.12	0.03	0.17	0.32
155	<i>Crotalaria alata</i> D. Don	1	0.77	0.01	1	0.12	0.03	0.17	0.32
156	<i>Cyanotis vaga</i> (Loureiro) J.A. & J.H. Schultes	1	0.77	0.01	1	0.12	0.03	0.17	0.32
157	<i>Deeringia amaranthoides</i> Brown	1	0.77	0.01	1	0.12	0.03	0.17	0.32
158	<i>Dicliptera bupleuroides</i> Nees	1	0.77	0.01	1	0.12	0.03	0.17	0.32
159	<i>Dryopteris</i> sp	1	0.77	0.01	1	0.12	0.03	0.17	0.32
160	<i>Duhaldea rubricaulis</i> (DC.) Anderberg	1	0.77	0.01	1	0.12	0.03	0.17	0.32
161	<i>Flemingia</i> sp	1	0.77	0.01	1	0.12	0.03	0.17	0.32
162	<i>Gomphostemma parviflorum</i> Benthham	1	0.77	0.01	1	0.12	0.03	0.17	0.32
163	<i>Tropidia curculigoides</i> Lindley	1	0.77	0.01	1	0.12	0.03	0.17	0.32
164	<i>Grewia sepiaria</i> G. Don	1	0.77	0.01	1	0.12	0.03	0.17	0.32
165	<i>Holarrhena pubescens</i> (Buchnan-Hamilton) G. Don	1	0.77	0.01	1	0.12	0.03	0.17	0.32
166	<i>Ixora</i> sp.	1	0.77	0.01	1	0.12	0.03	0.17	0.32
167	<i>Leea</i> sp	1	0.77	0.01	1	0.12	0.03	0.17	0.32
168	<i>Macaranga peltata</i> Hook. f.	1	0.77	0.01	1	0.12	0.03	0.17	0.32
169	<i>Morus australis</i> Poiret	1	0.77	0.01	1	0.12	0.03	0.17	0.32
170	<i>Mucuna pruriens</i> (L.) DC.	1	0.77	0.01	1	0.12	0.03	0.17	0.32
171	<i>Neottianthe</i> sp	1	0.77	0.01	1	0.12	0.03	0.17	0.32
172	<i>Pupalia atropurpurea</i> (Lamarck) Moquin	1	0.77	0.01	1	0.12	0.03	0.17	0.32
173	<i>Phlogacanthus thyrsoformis</i> (Hardwicke) Mabberley	1	0.77	0.01	1	0.12	0.03	0.17	0.32
174	<i>Phyllanthus emblica</i> L.	1	0.77	0.01	1	0.12	0.03	0.17	0.32
175	<i>Pinus roxburghii</i> Sarg.	1	0.77	0.01	1	0.12	0.03	0.17	0.32
176	<i>Premna bengalensis</i> C.B. Clarke	1	0.77	0.01	1	0.12	0.03	0.17	0.32
177	<i>Pteridium</i> sp	1	0.77	0.01	1	0.12	0.03	0.17	0.32
178	<i>Rubia charifolia</i> G. Don	1	0.77	0.01	1	0.12	0.03	0.17	0.32
179	<i>Senecio</i> sp	1	0.77	0.01	1	0.12	0.03	0.17	0.32
180	<i>Smilax ovalifolia</i> A. DC.	1	0.77	0.01	1	0.12	0.03	0.17	0.32
181	<i>Soriudeia madagascarensis</i> DC.	1	0.77	0.01	1	0.12	0.03	0.17	0.32
182	<i>Telosma pallida</i> (Roxburgh) Craib	1	0.77	0.01	1	0.12	0.03	0.17	0.32
183	<i>Thunbergia grandiflora</i> Roxburgh	1	0.77	0.01	1	0.12	0.03	0.17	0.32
184	<i>Thysanolaena maxima</i> (Roxburgh) Kuntze	1	0.77	0.01	1	0.12	0.03	0.17	0.32
185	<i>Tylophora exilis</i> Colebrooke	1	0.77	0.01	1	0.12	0.03	0.17	0.32
186	<i>Uvaria hamiltonii</i> Hook. f. & Thomson	1	0.77	0.01	1	0.12	0.03	0.17	0.32
187	<i>Zaonia indica</i> L.	1	0.77	0.01	1	0.12	0.03	0.17	0.32
188	<i>Zeuxine</i> sp	1	0.77	0.01	1	0.12	0.03	0.17	0.32
189	<i>Zizyphus xylopyrus</i> Willdenow	1	0.77	0.01	1	0.12	0.03	0.17	0.32



**Table 3: Moist Mixed Deciduous Forests**

Sl. No.	Name	TC	F	D	A	RF	RD	RA	IVI
1	<i>Peperomia pellucida</i> (L.) Kunth	211	12.00	2.81	23.44	1.83	9.15	4.36	15.34
2	<i>Clerodendrum viscosum</i> Ventenat	127	52.00	1.69	3.26	7.93	5.51	0.61	14.04
3	<i>Oplismenus burmanii</i> (Retzius) P. Beauvois	143	37.33	1.91	5.11	5.69	6.2	0.95	12.84
4	<i>Coffea bengalensis</i> Schultes	123	37.33	1.64	4.39	5.69	5.34	0.82	11.84
5	<i>Cyperus</i> sp	119	26.67	1.59	5.95	4.07	5.16	1.11	10.33
6	<i>Phyllanthus virgatus</i> Forster f.	129	10.67	1.72	16.13	1.63	5.6	3	10.22
7	<i>Borreria alata</i> (Aublet) DC.	83	5.33	1.11	20.75	0.81	3.6	3.86	8.27
8	<i>Blumea sinuata</i> (Loureiro) Merrill	34	1.33	0.45	34	0.2	1.48	6.32	8
9	<i>Cheilanthes farinosa</i> (Forsskal) Kaulf.	91	10.67	1.21	11.38	1.63	3.95	2.11	7.69
10	<i>Pronephrium nudatum</i> (Roxburgh) Chandra	85	18.67	1.13	6.07	2.85	3.69	1.13	7.66
11	<i>Mikania micrantha</i> Kunth	77	9.33	1.03	11	1.42	3.34	2.04	6.81
12	<i>Pouzolzia zeylanica</i> (L.) Bennet & Brown	73	13.33	0.97	7.3	2.03	3.17	1.36	6.56
13	<i>Mitracarpus verticillatus</i> (Schumann & Thonn) Vatke	62	6.67	0.83	12.4	1.02	2.69	2.3	6.01
14	<i>Cyanotis vaga</i> (Loureiro) J.A. & J.H. Schultes	54	12.00	0.72	6	1.83	2.34	1.12	5.29
15	<i>Dioscorea hispida</i> Dennstaedt	21	1.33	0.28	21	0.2	0.91	3.9	5.02
16	<i>Vandellia multiflora</i> (Bonati) T. Yamaz	35	4.00	0.47	11.67	0.61	1.52	2.17	4.3
17	<i>Ageratum conyzoides</i> L.	37	10.67	0.49	4.63	1.63	1.61	0.86	4.09
18	<i>Cyperus cyperoides</i> (Retzius) Kuntze	38	9.33	0.51	5.43	1.42	1.65	1.01	4.08
19	<i>Urena lobata</i> L.	34	10.67	0.45	4.25	1.63	1.48	0.79	3.89
20	<i>Pteris biaurita</i> L.	34	8.00	0.45	5.67	1.22	1.48	1.05	3.75
21	<i>Pteris</i> sp	28	10.67	0.37	3.5	1.63	1.21	0.65	3.49
22	<i>Digitaria ciliaris</i> (Retzius) Koel	27	4.00	0.36	9	0.61	1.17	1.67	3.45
23	<i>Dryopteris sikkimensis</i> (Beddome) Kuntze	14	1.33	0.19	14	0.2	0.61	2.6	3.41
24	<i>Pupalia atropurpurea</i> (Lamarck) Moquin	26	4.00	0.35	8.67	0.61	1.13	1.61	3.35
25	<i>Lepidagathis incurva</i> D. Don	18	14.67	0.24	1.64	2.24	0.78	0.3	3.32
26	<i>Scleria terrestris</i> (L.) Fassett	24	10.67	0.32	3	1.63	1.04	0.56	3.22
27	<i>Shorea robusta</i> Gaertner f.	21	12.00	0.28	2.33	1.83	0.91	0.43	3.17
28	<i>Curcuma aromatica</i> Salisbury	17	13.33	0.23	1.7	2.03	0.74	0.32	3.09
29	<i>Piper attenuatum</i> Buchnan-Hamilton ex Wallich	17	2.67	0.23	8.5	0.41	0.74	1.58	2.72
30	<i>Strobilanthes</i> sp	20	4.00	0.27	6.67	0.61	0.87	1.24	2.72
31	<i>Commelina paludosa</i> Blume	16	2.67	0.21	8	0.41	0.69	1.49	2.59
32	<i>Hedyotis scandens</i> Roxburgh	16	2.67	0.21	8	0.41	0.69	1.49	2.59
33	<i>Brynia vitis-idaea</i> (Burman f.) Fischer	19	6.67	0.25	3.8	1.02	0.82	0.71	2.55
34	<i>Chloris gayana</i> Kunth	10	1.33	0.13	10	0.2	0.43	1.86	2.5
35	<i>Thunbergia fragrans</i> Roxburgh	13	10.67	0.17	1.63	1.63	0.56	0.3	2.49
36	<i>Achyranthes bidentata</i> Blume	17	6.67	0.23	3.4	1.02	0.74	0.63	2.39
37	<i>Commelina suffruticosa</i> Blume	17	5.33	0.23	4.25	0.81	0.74	0.79	2.34
38	<i>Dicliptera bupleuroides</i> Nees	13	9.33	0.17	1.86	1.42	0.56	0.35	2.33
39	<i>Achyranthes bidentata</i> Blume	9	1.33	0.12	9	0.2	0.39	1.67	2.27
40	<i>Dendrobium aduncum</i> Wallich ex Lindley	9	1.33	0.12	9	0.2	0.39	1.67	2.27
41	<i>Impatiens balsamina</i> L.	9	1.33	0.12	9	0.2	0.39	1.67	2.27
42	<i>Piper sylvaticum</i> Roxburgh	14	8.00	0.19	2.33	1.22	0.61	0.43	2.26
43	<i>Synedrella nodiflora</i> (L.) Gaertner	11	8.00	0.15	1.83	1.22	0.48	0.34	2.04
44	<i>Ichnocarpus frutescens</i> (L.) Aiton	9	8.00	0.12	1.5	1.22	0.39	0.28	1.89
45	<i>Millettia extensa</i> (Benth) Baker	9	8.00	0.12	1.5	1.22	0.39	0.28	1.89
46	<i>Hemidesmus indicus</i> (L.) Schultes	10	6.67	0.13	2	1.02	0.43	0.37	1.82
47	<i>Setaria plicata</i> (Lammers) T. Cooke	10	6.67	0.13	2	1.02	0.43	0.37	1.82
48	<i>Cayratia japonica</i> (Thunberg) Gagnepain	7	1.33	0.09	7	0.2	0.3	1.3	1.81
49	<i>Adiantum philippense</i> L.	10	2.67	0.13	5	0.41	0.43	0.93	1.77
50	<i>Achyrosermum wallichiana</i> Benth	10	4.00	0.13	3.33	0.61	0.43	0.62	1.66
51	<i>Mallotus philippensis</i> (Lamarck) Mueller	8	6.67	0.11	1.6	1.02	0.35	0.3	1.66
52	<i>Tylophora exilis</i> Colebrooke	8	6.67	0.11	1.6	1.02	0.35	0.3	1.66
53	<i>Smilax zeylanica</i> L.	6	1.33	0.08	6	0.2	0.26	1.12	1.58
54	<i>Macaranga peltata</i> Hook. f.	7	6.67	0.09	1.4	1.02	0.3	0.26	1.58
55	<i>Lygodium flexuosum</i> Swartz	6	6.67	0.08	1.2	1.02	0.26	0.22	1.5

Table 3 continued..

56	<i>Mitracarpus hirtus</i> (L.) DC.	7	4.00	0.09	2.33	0.61	0.3	0.43	1.35
57	<i>Alternanthera subsessilis</i> (L.) DC.	5	1.33	0.07	5	0.2	0.22	0.93	1.35
58	<i>Asystasia violacea</i> Dalziel	6	4.00	0.08	2	0.61	0.26	0.37	1.24
59	<i>Geniosporum coloratum</i> (D. Don) Kuntze	6	2.67	0.08	3	0.41	0.26	0.56	1.22
60	<i>Mazus japonicus</i> Bonati	6	2.67	0.08	3	0.41	0.26	0.56	1.22
61	<i>Peristrophe speciosa</i> (Roxburgh) Nees	6	2.67	0.08	3	0.41	0.26	0.56	1.22
62	<i>Leea</i> sp	4	5.33	0.05	1	0.81	0.17	0.19	1.17
63	<i>Phaulopsis imbricata</i> (Frosskal) Sweet	5	4.00	0.07	1.67	0.61	0.22	0.31	1.14
64	<i>Ampelocissus sikkimensis</i> (Lawson) Planchon	4	1.33	0.05	4	0.2	0.17	0.74	1.12
65	<i>Auxonopus compressus</i> (Swartz) P. Beauvois	4	1.33	0.05	4	0.2	0.17	0.74	1.12
66	<i>Curcuma aromatica</i> Salisbury	4	1.33	0.05	4	0.2	0.17	0.74	1.12
67	<i>Cyanotis fasciculata</i> (Heyne ex Roth) Roemer & Schultes	4	1.33	0.05	4	0.2	0.17	0.74	1.12
68	<i>Elatostema</i> sp	4	1.33	0.05	4	0.2	0.17	0.74	1.12
69	<i>Eriodes barbata</i> (Lindley) Rolfe	4	1.33	0.05	4	0.2	0.17	0.74	1.12
70	<i>Ichnocarpus volubilis</i> (Loureiro) Merrill	4	1.33	0.05	4	0.2	0.17	0.74	1.12
71	<i>Cyperus pilosus</i> Vahl	5	2.67	0.07	2.5	0.41	0.22	0.46	1.09
72	<i>Dioscorea hamiltonii</i> Hook. f.	5	2.67	0.07	2.5	0.41	0.22	0.46	1.09
73	<i>Oxalis corymbosa</i> DC.	5	2.67	0.07	2.5	0.41	0.22	0.46	1.09
74	<i>Solanum torvum</i> Swartz	5	2.67	0.07	2.5	0.41	0.22	0.46	1.09
75	<i>Butea parviflora</i> Roxburgh	4	2.67	0.05	2	0.41	0.17	0.37	0.95
76	<i>Murdannia nudiflora</i> (L.) Brenan	4	2.67	0.05	2	0.41	0.17	0.37	0.95
77	<i>Triumfetta rhomboidea</i> Jacquin	4	2.67	0.05	2	0.41	0.17	0.37	0.95
78	<i>Boehmeria glomerulifera</i> Miquel	3	1.33	0.04	3	0.2	0.13	0.56	0.89
79	<i>Chloris dolichostachya</i> Lag	3	1.33	0.04	3	0.2	0.13	0.56	0.89
80	<i>Dioscorea bulbifera</i> L.	3	1.33	0.04	3	0.2	0.13	0.56	0.89
81	<i>Persicaria chinensis</i> (L.) H. Gross	3	1.33	0.04	3	0.2	0.13	0.56	0.89
82	<i>Bauhinia vahlii</i> Wight & Arnott	3	2.67	0.04	1.5	0.41	0.13	0.28	0.82
83	<i>Commelina sikkimensis</i> C.B. Clarke	3	2.67	0.04	1.5	0.41	0.13	0.28	0.82
84	<i>Corymborkis veratrifolia</i> (Reinwardt) Blume	3	2.67	0.04	1.5	0.41	0.13	0.28	0.82
85	<i>Holarrhena pubescens</i> (Buchnan-Hamilton) G. Don	3	2.67	0.04	1.5	0.41	0.13	0.28	0.82
86	<i>Scleria levis</i> Retzius	3	2.67	0.04	1.5	0.41	0.13	0.28	0.82
87	<i>Abrus pectorius</i> L.	2	2.67	0.03	1	0.41	0.09	0.19	0.68
88	<i>Cyclea barbata</i> Meisner	2	2.67	0.03	1	0.41	0.09	0.19	0.68
89	<i>Dioscorea deltoidea</i> Wallich ex Kunth	2	2.67	0.03	1	0.41	0.09	0.19	0.68
90	<i>Dioscorea prazeri</i> Prain & Burkill	2	2.67	0.03	1	0.41	0.09	0.19	0.68
91	<i>Natsiatum herpeticum</i> Arnott	2	2.67	0.03	1	0.41	0.09	0.19	0.68
92	<i>Smilax lanceifolia</i> Roxburgh	2	2.67	0.03	1	0.41	0.09	0.19	0.68
93	<i>Acacia gageana</i> Craib	2	1.33	0.03	2	0.2	0.09	0.37	0.66
94	<i>Alloteropsis semialata</i> (R. Brown) Hitchinson	2	1.33	0.03	2	0.2	0.09	0.37	0.66
95	<i>Aneilema thomsonii</i> (C.B. Clarke) C.B. Clarke	2	1.33	0.03	2	0.2	0.09	0.37	0.66
96	<i>Dioscorea pubera</i> Blume	2	1.33	0.03	2	0.2	0.09	0.37	0.66
97	<i>Meliosma simplicifolia</i> Blume	2	1.33	0.03	2	0.2	0.09	0.37	0.66
98	<i>Phrynium pubinerve</i> Blume	2	1.33	0.03	2	0.2	0.09	0.37	0.66
99	<i>Piper chuyva</i> (Miquel) C. DC.	2	1.33	0.03	2	0.2	0.09	0.37	0.66
100	<i>Syzygium cumini</i> (L.) Skeels	2	1.33	0.03	2	0.2	0.09	0.37	0.66
101	<i>Wrightia tinctoria</i> (Roxburgh) DC.	2	1.33	0.03	2	0.2	0.09	0.37	0.66
102	<i>Zingiber chrysanthum</i> Roscoe	2	1.33	0.03	2	0.2	0.09	0.37	0.66
103	<i>Adina cordifolia</i> Benthams & Hooker	1	1.33	0.01	1	0.2	0.04	0.19	0.43
104	<i>Anisomeles indica</i> (L.) Kuntze	1	1.33	0.01	1	0.2	0.04	0.19	0.43
105	<i>Aporosa octandra</i> (D. Don) Vickery	1	1.33	0.01	1	0.2	0.04	0.19	0.43
106	<i>Arisaema tortuosum</i> (Wallich) Schott	1	1.33	0.01	1	0.2	0.04	0.19	0.43
107	<i>Arisema</i> sp	1	1.33	0.01	1	0.2	0.04	0.19	0.43
108	<i>Bamboo</i> sp	1	1.33	0.01	1	0.2	0.04	0.19	0.43
109	<i>Ceropegia longifolia</i> Wallich	1	1.33	0.01	1	0.2	0.04	0.19	0.43
110	<i>Cissampelos pareira</i> L.	1	1.33	0.01	1	0.2	0.04	0.19	0.43
111	<i>Cynanchum corymbosum</i> Wight	1	1.33	0.01	1	0.2	0.04	0.19	0.43
112	<i>Deeringia amaranthoides</i> Brown	1	1.33	0.01	1	0.2	0.04	0.19	0.43

Table 3 continued..

113	<i>Distemon indicum</i> Weddell	1	1.33	0.01	1	0.2	0.04	0.19	0.43
114	<i>Euphorbia hirta</i> L.	1	1.33	0.01	1	0.2	0.04	0.19	0.43
115	<i>Gouania leptostachya</i> DC.	1	1.33	0.01	1	0.2	0.04	0.19	0.43
116	<i>Hedyotis corymbosa</i> (L.) Lamarck	1	1.33	0.01	1	0.2	0.04	0.19	0.43
117	<i>Litsea monopetala</i> (Roxburgh) Persoon	1	1.33	0.01	1	0.2	0.04	0.19	0.43
118	<i>Naravella zeylanica</i> (L.) DC.	1	1.33	0.01	1	0.2	0.04	0.19	0.43
119	<i>Ophiorrhiza repens</i> (G. Don) Bennet	1	1.33	0.01	1	0.2	0.04	0.19	0.43
120	<i>Polygala crotalariaoides</i> DC.	1	1.33	0.01	1	0.2	0.04	0.19	0.43
121	<i>Euphorbia hirta</i> L.	1	1.33	0.01	1	0.2	0.04	0.19	0.43
122	<i>Schima wallichii</i> (DC.) Korthals	1	1.33	0.01	1	0.2	0.04	0.19	0.43
123	<i>Sclerocarpus africanus</i> Jacquin	1	1.33	0.01	1	0.2	0.04	0.19	0.43
124	<i>Sida acuta</i> Burman f.	1	1.33	0.01	1	0.2	0.04	0.19	0.43
125	<i>Sida rhombifolia</i> L.	1	1.33	0.01	1	0.2	0.04	0.19	0.43
126	<i>Stephania japonica</i> (Thunberg) Miers	1	1.33	0.01	1	0.2	0.04	0.19	0.43
127	<i>Terminalia alata</i> Roth	1	1.33	0.01	1	0.2	0.04	0.19	0.43
128	<i>Uvaria hamiltonii</i> Hook. f. & Thomson	1	1.33	0.01	1	0.2	0.04	0.19	0.43

Table 4: Riverine Forests

Sl. No.	Name	TC	F	D	A	RF	RD	RA	IVI
1	<i>Oplismenus burmanii</i> (Retzius) P. Beauvois	274	46.67	6.09	13.05	5.97	18.55	8.68	33.19
2	<i>Dicliptera bupleuroides</i> Nees	158	84.44	3.51	4.16	10.79	10.69	2.77	24.25
3	<i>Pupalia atropurpurea</i> (Lamarck) Moquin	169	53.33	3.76	7.04	6.82	11.44	4.68	22.94
4	<i>Saccharum</i> sp	113	37.78	2.51	6.65	4.83	7.65	4.42	16.90
5	<i>Cyperus</i> sp	87	24.44	1.93	7.91	3.13	5.89	5.26	14.28
6	<i>Synedrella nodiflora</i> (L.) Gaertner	84	37.78	1.87	4.94	4.83	5.69	3.29	13.80
7	<i>Piper sylvaticum</i> Roxburgh	51	40.00	1.13	2.83	5.11	3.45	1.88	10.45
8	<i>Barleria cristata</i> L.	47	31.11	1.04	3.36	3.98	3.18	2.23	9.39
9	<i>Sauropus androgynous</i> (L.) Merrill	44	28.89	0.98	3.38	3.69	2.98	2.25	8.92
10	<i>Storbilanthes</i> sp	45	22.22	1.00	4.50	2.84	3.05	2.99	8.88
11	<i>Phyllanthus reticulatus</i> Poirlet	37	37.78	0.82	2.18	4.83	2.51	1.45	8.78
12	<i>Phaulopsis parviflora</i> Willdenow	41	20.00	0.91	4.56	2.56	2.78	3.03	8.36
13	<i>Coffea bengalensis</i> Schultes	35	15.56	0.78	5.00	1.99	2.37	3.33	7.68
14	<i>Mikania micrantha</i> Kunth	29	11.11	0.64	5.80	1.42	1.96	3.86	7.24
15	<i>Triumfetta rhomboidea</i> Jacquin	28	28.89	0.62	2.15	3.69	1.90	1.43	7.02
16	<i>Sida acuta</i> Burman f.	21	20.00	0.47	2.33	2.56	1.42	1.55	5.53
17	<i>Lepidagathis incurva</i> D. Don	17	24.44	0.38	1.55	3.13	1.15	1.03	5.30
18	<i>Achyranthes bidentata</i> Blume	20	17.78	0.44	2.50	2.27	1.35	1.66	5.29
19	<i>Desmodium oblongum</i> Bentham	20	15.56	0.44	2.86	1.99	1.35	1.90	5.24
20	<i>Rungia pectinata</i> (L.) Nees	17	15.56	0.38	2.43	1.99	1.15	1.62	4.76
21	<i>Hemidesmus indicus</i> (L.) Schultes	13	13.33	0.29	2.17	1.71	0.88	1.44	4.03
22	<i>Deeringia amaranthoides</i> Brown	12	8.89	0.27	3.00	1.14	0.81	2.00	3.94
23	<i>Aerva sanguinolanta</i> (L.) Blume	11	11.11	0.24	2.20	1.42	0.75	1.46	3.63
24	<i>Phaulopsis imbricata</i> (Frosskal) Sweet	9	6.67	0.20	3.00	0.85	0.61	2.00	3.46
25	<i>Urena lobata</i> L.	9	8.89	0.20	2.25	1.14	0.61	1.50	3.24
26	<i>Commelina benghalensis</i> L.	8	8.89	0.18	2.00	1.14	0.54	1.33	3.01
27	<i>Sclerocarpus africanus</i> Jacquin	6	4.44	0.13	3.00	0.57	0.41	2.00	2.97
28	<i>Daedalanthus nervosus</i> (Vahl) Anderson	7	8.89	0.16	1.75	1.14	0.47	1.16	2.77
29	<i>Pteridium</i> sp	6	6.67	0.13	2.00	0.85	0.41	1.33	2.59
30	<i>Ichnocarpus frutescens</i> (L.) Aiton	3	2.22	0.07	3.00	0.28	0.20	2.00	2.48
31	<i>Pouzolzia zeylanica</i> (L.) Bennet & Brown	3	2.22	0.07	3.00	0.28	0.20	2.00	2.48
32	<i>Vallis solanacea</i> (Roth) Kuntze	5	6.67	0.11	1.67	0.85	0.34	1.11	2.30
33	<i>Natsiatum herpeticum</i> Arnott	4	4.44	0.09	2.00	0.57	0.27	1.33	2.17
34	<i>Persicaria chinensis</i> (L.) H. Gross	4	4.44	0.09	2.00	0.57	0.27	1.33	2.17
35	<i>Daedalanthus splendens</i> Anderson	4	6.67	0.09	1.33	0.85	0.27	0.89	2.01
36	<i>Panicum</i> sp	4	6.67	0.09	1.33	0.85	0.27	0.89	2.01
37	<i>Desmodium gangeticum</i> (L.) DC.	3	4.44	0.07	1.50	0.57	0.20	1.00	1.77

Table 4 continued..

38	<i>Ageratum conyzoides</i> L.	2	2.22	0.04	2.00	0.28	0.14	1.33	1.75
39	<i>Clerodendrum viscosum</i> Ventenat	2	2.22	0.04	2.00	0.28	0.14	1.33	1.75
40	<i>Elatostema obtusum</i> Weddell	2	2.22	0.04	2.00	0.28	0.14	1.33	1.75
41	<i>Uraria</i> sp	2	2.22	0.04	2.00	0.28	0.14	1.33	1.75
42	<i>Vernonia</i> sp	2	2.22	0.04	2.00	0.28	0.14	1.33	1.75
43	<i>Eupatorium odoratum</i> L.	3	6.67	0.07	1.00	0.85	0.20	0.67	1.72
44	<i>Gouania leptostachya</i> DC.	3	6.67	0.07	1.00	0.85	0.20	0.67	1.72
45	<i>Tetragymma campylocarpum</i> (Kurz) Planchon	2	4.44	0.04	1.00	0.57	0.14	0.67	1.37
46	<i>Achyrospermum wallichiana</i> Benth	1	2.22	0.02	1.00	0.28	0.07	0.67	1.02
47	<i>Alloterpis semialata</i> (R. Brown) Hitchinson	1	2.22	0.02	1.00	0.28	0.07	0.67	1.02
48	<i>Argyrea roxburghii</i> Choisy	1	2.22	0.02	1.00	0.28	0.07	0.67	1.02
49	<i>Commelina suffruticosa</i> Blume	1	2.22	0.02	1.00	0.28	0.07	0.67	1.02
50	<i>Cryptolepis wallichii</i> (Loureiro) Merrill	1	2.22	0.02	1.00	0.28	0.07	0.67	1.02
51	<i>Desmodium heterocarpon</i> (L.) DC.	1	2.22	0.02	1.00	0.28	0.07	0.67	1.02
52	<i>Desmodium laxiflorum</i> DC.	1	2.22	0.02	1.00	0.28	0.07	0.67	1.02
53	<i>Ophiopogon intermedius</i> D. Don	1	2.22	0.02	1.00	0.28	0.07	0.67	1.02
54	<i>Setaria plicata</i> (Lam.) T. Cooke	1	2.22	0.02	1.00	0.28	0.07	0.67	1.02
55	<i>Sida rhombifolia</i> L.	1	2.22	0.02	1.00	0.28	0.07	0.67	1.02
56	<i>Thunbergia coccinea</i> D. Don	1	2.22	0.02	1.00	0.28	0.07	0.67	1.02

Table 5: Sub-Tropical Broad Leaved Hill Forests

Sl. No.	Name	TC	F	D	A	RF	RD	RA	IVI
1	<i>Oplismenus burmanii</i> (Retzius) P. Beauvois	46	36.67	1.53	4.18	6.29	7.14	1.51	14.94
2	<i>Polystichium lentum</i> (D. Don) Moore	37	10	1.23	12.33	1.71	5.75	4.45	11.91
3	<i>Elatostema obtusum</i> Weddell	33	20	1.1	5.5	3.43	5.12	1.99	10.54
4	<i>Ajuga macrosperma</i> Benth	29	10	0.97	9.67	1.71	4.5	3.49	9.71
5	<i>Elatostema hookerianum</i> Weddell	30	13.33	1	7.5	2.29	4.66	2.71	9.65
6	<i>Pilea</i> sp	27	23.33	0.9	3.86	4	4.19	1.39	9.59
7	<i>Commelina suffruticosa</i> Blume	28	16.67	0.93	5.6	2.86	4.35	2.02	9.23
8	<i>Aneilema thomsonii</i> (C.B. Clarke) C.B. Clarke	27	16.67	0.9	5.4	2.86	4.19	1.95	9
9	<i>Polypodium</i> sp	16	3.33	0.53	16	0.57	2.48	5.78	8.83
10	<i>Bolbitis heteroclita</i> (Pr.) Ching	26	13.33	0.87	6.5	2.29	4.04	2.35	8.67
11	<i>Diplazium esculantum</i> (Retzius) Swartz	13	3.33	0.43	13	0.57	2.02	4.7	7.29
12	<i>Nephrolepis cordifolia</i> (L.) Presl	19	10	0.63	6.33	1.71	2.95	2.29	6.95
13	<i>Pteris</i> sp	14	16.67	0.47	2.8	2.86	2.17	1.01	6.04
14	<i>Mikania micrantha</i> Kunth	15	13.33	0.5	3.75	2.29	2.33	1.35	5.97
15	<i>Pronephrium nudatum</i> (Roxburgh) Chandra	15	10	0.5	5	1.71	2.33	1.81	5.85
16	<i>Piper sylvaticum</i> Roxburgh	9	16.67	0.3	1.8	2.86	1.4	0.65	4.9
17	<i>Bassia butyracea</i> Roxburgh	11	6.67	0.37	5.5	1.14	1.71	1.99	4.84
18	<i>Dicliptera bupleuroides</i> Nees	11	6.67	0.37	5.5	1.14	1.71	1.99	4.84
19	<i>Setaria plicata</i> (Lam.) T. Cooke	11	10	0.37	3.67	1.71	1.71	1.32	4.75
20	<i>Colysis pothifolia</i> (D. Don) Presl	8	3.33	0.27	8	0.57	1.24	2.89	4.7
21	<i>Phrynium pubinerve</i> Blume	10	6.67	0.33	5	1.14	1.55	1.81	4.5
22	<i>Tetragymma serrulatum</i> (Roxburgh) Planchon	9	13.33	0.3	2.25	2.29	1.4	0.81	4.5
23	<i>Thunbergia mysorensis</i> Anderson ex Beddome	9	13.33	0.3	2.25	2.29	1.4	0.81	4.5
24	<i>Porana paniculata</i> Roxburgh	9	6.67	0.3	4.5	1.14	1.4	1.63	4.17
25	<i>Strobilanthes capitata</i> (Nees) Anderson	9	6.67	0.3	4.5	1.14	1.4	1.63	4.17
26	<i>Achyranthes bidentata</i> Blume	8	10	0.27	2.67	1.71	1.24	0.96	3.92
27	<i>Cyperus cyperoides</i> (Retzius) Kuntze	6	13.33	0.2	1.5	2.29	0.93	0.54	3.76
28	<i>Boehmeria macrophylla</i> Hornemann var <i>scabrella</i> (Roxburgh) D.G. Long	6	3.33	0.2	6	0.57	0.93	2.17	3.67
29	<i>Adiantum philippense</i> L.	7	6.67	0.23	3.5	1.14	1.09	1.26	3.49
30	<i>Barleria cristata</i> L.	6	10	0.2	2	1.71	0.93	0.72	3.37
31	<i>Persicaria chinensis</i> (L.) H. Gross	6	10	0.2	2	1.71	0.93	0.72	3.37

Table 5 continued..

32	<i>Cyanotis vaga</i> (Loureiro) J.A. & J.H. Schultes	6	6.67	0.2	3	1.14	0.93	1.08	3.16
33	<i>Boehmeria glomerulifera</i> Miquel	5	3.33	0.17	5	0.57	0.78	1.81	3.15
34	<i>Commelina sikkimensis</i> C.B. Clarke	5	3.33	0.17	5	0.57	0.78	1.81	3.15
35	<i>Eupatorium adenophorum</i> Sprengel	5	3.33	0.17	5	0.57	0.78	1.81	3.15
36	<i>Dicanthium annulatum</i> (Forsskal) Stapf	5	6.67	0.17	2.5	1.14	0.78	0.9	2.82
37	<i>Ficus headrace</i> Roxburgh	4	10	0.13	1.33	1.71	0.62	0.48	2.82
38	<i>Allocacia</i> sp	4	3.33	0.13	4	0.57	0.62	1.44	2.64
39	<i>Leea guineensis</i> G. Don	4	6.67	0.13	2	1.14	0.62	0.72	2.49
40	<i>Persicaria chinensis</i> (L.) H. Gross	4	6.67	0.13	2	1.14	0.62	0.72	2.49
41	<i>Thunbergia fragrans</i> Roxburgh	3	6.67	0.1	1.5	1.14	0.47	0.54	2.15
42	<i>Cayratia geniculata</i> (Blume) Gagnepain	3	3.33	0.1	3	0.57	0.47	1.08	2.12
43	<i>Curculigo capitulata</i> (Loureiro) Kuntze	3	3.33	0.1	3	0.57	0.47	1.08	2.12
44	<i>Thysanolaena maxima</i> (Roxburgh) Kuntze	3	3.33	0.1	3	0.57	0.47	1.08	2.12
45	<i>Clematis b Buchananiana</i> DC.	2	6.67	0.07	1	1.14	0.31	0.36	1.81
46	<i>Coffea bengalensis</i> Schultes	2	6.67	0.07	1	1.14	0.31	0.36	1.81
47	<i>Dioscorea bulbifera</i> L.	2	6.67	0.07	1	1.14	0.31	0.36	1.81
48	<i>Thunbergia coccinea</i> D. Don	2	6.67	0.07	1	1.14	0.31	0.36	1.81
49	<i>Bambusa</i> sp	2	3.33	0.07	2	0.57	0.31	0.72	1.6
50	<i>Boeninghausenia albiflora</i> Reichenbach	2	3.33	0.07	2	0.57	0.31	0.72	1.6
51	<i>Daedalacanthus splendens</i> Anderson	2	3.33	0.07	2	0.57	0.31	0.72	1.6
52	<i>Gynura cusimbua</i> (D. Don) S. Moore	2	3.33	0.07	2	0.57	0.31	0.72	1.6
53	<i>Holarrhena pubescens</i> (Buchnan-Hamilton) G. Don	2	3.33	0.07	2	0.57	0.31	0.72	1.6
54	<i>Ophiorrhiza rugosa</i> Wallich	2	3.33	0.07	2	0.57	0.31	0.72	1.6
55	<i>Psychotria calocarpa</i> Kurz	2	3.33	0.07	2	0.57	0.31	0.72	1.6
56	<i>Tabernaemontana divaricata</i> (L.) Roemer & Schultes	2	3.33	0.07	2	0.57	0.31	0.72	1.6
57	<i>Aspidocarya uvifera</i> Hook. f. & Thomson	1	3.33	0.03	1	0.57	0.16	0.36	1.09
58	<i>Asystasia violacea</i> Dalziel	1	3.33	0.03	1	0.57	0.16	0.36	1.09
59	<i>Brachystemma calycinum</i> D. Don	1	3.33	0.03	1	0.57	0.16	0.36	1.09
60	<i>Chlorophytum comosum</i> (Thunberg) Jacque	1	3.33	0.03	1	0.57	0.16	0.36	1.09
61	<i>Clerodendrum viscosum</i> Ventenat	1	3.33	0.03	1	0.57	0.16	0.36	1.09
62	<i>Curculigo orchioides</i> Gaertner	1	3.33	0.03	1	0.57	0.16	0.36	1.09
63	<i>Curcuma</i> sp	1	3.33	0.03	1	0.57	0.16	0.36	1.09
64	<i>Elatostema liniolatum</i> Wight	1	3.33	0.03	1	0.57	0.16	0.36	1.09
65	<i>Curcuma aromatica</i> Salisbury	1	3.33	0.03	1	0.57	0.16	0.36	1.09
66	<i>Ichnocarpus frutescens</i> (L.) Aiton	1	3.33	0.03	1	0.57	0.16	0.36	1.09
67	<i>Lecanthus</i> sp	1	3.33	0.03	1	0.57	0.16	0.36	1.09
68	<i>Maianthemum oleraceum</i> (Baker) LaFrankie	1	3.33	0.03	1	0.57	0.16	0.36	1.09
69	<i>Piper chuyva</i> (Miquel) C. DC.	1	3.33	0.03	1	0.57	0.16	0.36	1.09
70	<i>Piper pedicellatum</i> C. DC.	1	3.33	0.03	1	0.57	0.16	0.36	1.09
71	<i>Pothos scandens</i> L.	1	3.33	0.03	1	0.57	0.16	0.36	1.09
72	<i>Pseuderanthemum palatiferum</i> (Nees) Radlkofer	1	3.33	0.03	1	0.57	0.16	0.36	1.09
73	<i>Pteris biaurita</i> L.	1	3.33	0.03	1	0.57	0.16	0.36	1.09
74	<i>Rubia manjith</i> Roxburgh	1	3.33	0.03	1	0.57	0.16	0.36	1.09
75	<i>Shuteria</i> sp	1	3.33	0.03	1	0.57	0.16	0.36	1.09
76	<i>Smilax</i> sp	1	3.33	0.03	1	0.57	0.16	0.36	1.09
77	<i>Stephania japonica</i> (Thunberg) Miers	1	3.33	0.03	1	0.57	0.16	0.36	1.09
78	<i>Urena lobata</i> L.	1	3.33	0.03	1	0.57	0.16	0.36	1.09

**Table 6: Wet Temperate Forests**

Sl. No.	Name	TC	F	D	A	RF	RD	RA	IVI
1	<i>Cyperus squarrosus</i> L.	382	49.09	3.47	7.07	5.86	7.55	0.89	14.29
2	<i>Peracarpa carnosus</i> (Wallich) Hook. f. & Thomson	382	24.55	3.47	14.15	2.93	7.55	1.77	12.25
3	<i>Cautleya spicata</i> (Smith) Baker	262	14.55	2.38	16.38	1.74	5.18	2.05	8.97
4	<i>Ainsliaea aptera</i> DC.	192	32.73	1.75	5.33	3.9	3.79	0.67	8.37
5	<i>Ophiopogon intermedius</i> D. Don	185	33.64	1.68	5	4.01	3.66	0.63	8.3
6	<i>Oplismenus burmanii</i> (Retzius) P. Beauvois	221	20.91	2.01	9.61	2.49	4.37	1.2	8.07
7	<i>Arundinaria racemosa</i> Munro	208	19.09	1.89	9.9	2.28	4.11	1.24	7.63
8	<i>Elatostema</i> sp	204	14.55	1.85	12.75	1.74	4.03	1.6	7.36
9	<i>Smilax rigida</i> Wallich ex Kunth	177	25.45	1.61	6.32	3.04	3.5	0.79	7.33
10	<i>Gallium elegans</i> Roxburgh	133	3.64	1.21	33.25	0.43	2.63	4.17	7.23
11	<i>Viola</i> sp	169	21.82	1.54	7.04	2.6	3.34	0.88	6.83
12	<i>Pilea</i> sp	153	17.27	1.39	8.05	2.06	3.02	1.01	6.09
13	<i>Strobilanthes</i> sp	109	25.45	0.99	3.89	3.04	2.15	0.49	5.68
14	<i>Viola serpens</i> Roxburgh	140	13.64	1.27	9.33	1.63	2.77	1.17	5.56
15	<i>Tupistra clarkei</i> Hook. f.	117	18.18	1.06	5.85	2.17	2.31	0.73	5.21
16	<i>Elatostema obtusum</i> Weddell	35	0.91	0.32	35	0.11	0.69	4.39	5.19
17	<i>Carex teres</i> Boott	97	5.45	0.88	16.17	0.65	1.92	2.03	4.59
18	<i>Persicaria chinensis</i> (L.) H. Gross	81	14.55	0.74	5.06	1.74	1.6	0.63	3.97
19	<i>Tetragium serrulatum</i> (Roxburgh) Planchon	42	21.82	0.38	1.75	2.6	0.83	0.22	3.65
20	<i>Pteris</i> sp	55	16.36	0.5	3.06	1.95	1.09	0.38	3.42
21	<i>Tetragium</i> sp	45	16.36	0.41	2.5	1.95	0.89	0.31	3.15
22	<i>Rubus calycinus</i> D. Don	59	10	0.54	5.36	1.19	1.17	0.67	3.03
23	<i>Elatostema sessilis</i> Forster	20	0.91	0.18	20	0.11	0.4	2.51	3.01
24	<i>Scutellaria violacea</i> Benthams	44	14.55	0.4	2.75	1.74	0.87	0.34	2.95
25	<i>Ajuga lobata</i> D. Don	51	4.55	0.46	10.2	0.54	1.01	1.28	2.83
26	<i>Strobilanthes divaricata</i> (Nees) Anderson	52	9.09	0.47	5.2	1.08	1.03	0.65	2.76
27	<i>Rubia manjith</i> Roxburgh	38	11.82	0.35	2.92	1.41	0.75	0.37	2.53
28	<i>Lecanthus peduncularis</i> (Royle) Weddell	40	4.55	0.36	8	0.54	0.79	1	2.34
29	<i>Pilea bracteosa</i> Weddell	38	4.55	0.35	7.6	0.54	0.75	0.95	2.25
30	<i>Viola hamiltoniana</i> D. Don	39	6.36	0.35	5.57	0.76	0.77	0.7	2.23
31	<i>Impatiens</i> sp	37	7.27	0.34	4.63	0.87	0.73	0.58	2.18
32	<i>Cautleya gracilis</i> (Smith) Dandy	36	4.55	0.33	7.2	0.54	0.71	0.9	2.16
33	<i>Gentiana capitata</i> D. Don	36	6.36	0.33	5.14	0.76	0.71	0.64	2.12
34	<i>Globba racemosa</i> Smith	32	3.64	0.29	8	0.43	0.63	1	2.07
35	<i>Lobelia montana</i> Blume	13	0.91	0.12	13	0.11	0.26	1.63	1.99
36	<i>Achyranthes bidentata</i> Blume	32	4.55	0.29	6.4	0.54	0.63	0.8	1.98
37	<i>Polystichium lentum</i> (D. Don) Moore	28	8.18	0.25	3.11	0.98	0.55	0.39	1.92
38	<i>Plagiogyria pycnophylla</i> (Kuntze) Mett.	12	0.91	0.11	12	0.11	0.24	1.5	1.85
39	<i>Rubia wallichiana</i> Decaisne	22	9.09	0.2	2.2	1.08	0.43	0.28	1.8
40	<i>Anaphalis margaritacea</i> (L.) Benthams & Hook. f.	27	5.45	0.25	4.5	0.65	0.53	0.56	1.75
41	<i>Viola sikkimensis</i> Becker	23	2.73	0.21	7.67	0.33	0.45	0.96	1.74
42	<i>Gaultheria nummularioides</i> D. Don	22	2.73	0.2	7.33	0.33	0.43	0.92	1.68
43	<i>Gentiana pedicellata</i> (D. Don) Grisebach	23	3.64	0.21	5.75	0.43	0.45	0.72	1.61
44	<i>Viola pilosa</i> Blume	20	2.73	0.18	6.67	0.33	0.4	0.84	1.56
45	<i>Ranunculus diffusus</i> DC.	10	0.91	0.09	10	0.11	0.2	1.25	1.56
46	<i>Centella asiatica</i> (L.) Urban	16	1.82	0.15	8	0.22	0.32	1	1.54
47	<i>Sarcopyramis nepalensis</i> Wallich	22	4.55	0.2	4.4	0.54	0.43	0.55	1.53
48	<i>Duchesnea indica</i> (Andrews) Forke	21	3.64	0.19	5.25	0.43	0.42	0.66	1.51
49	<i>Oxalis acetocella</i> L.	21	5.45	0.19	3.5	0.65	0.42	0.44	1.5
50	<i>Pilea ternifolia</i> Weddell	15	1.82	0.14	7.5	0.22	0.3	0.94	1.45
51	<i>Anaphalis busua</i> (D. Don) DC.	9	0.91	0.08	9	0.11	0.18	1.13	1.41
52	<i>Digitaria</i> sp	9	0.91	0.08	9	0.11	0.18	1.13	1.41
53	<i>Globba hookeri</i> Baker	9	0.91	0.08	9	0.11	0.18	1.13	1.41
54	<i>Chamabainia cuspidata</i> Wight	19	3.64	0.17	4.75	0.43	0.38	0.6	1.4

Table 6 continued..

55	<i>Stellaria sikkimensis</i> Edgeworth & Hook. f.	19	3.64	0.17	4.75	0.43	0.38	0.6	1.4
56	<i>Fragaria nubicola</i> (Hook. f.) Lacaita	19	4.55	0.17	3.8	0.54	0.38	0.48	1.39
57	<i>Impatiens stenantha</i> Hook. f.	16	6.36	0.15	2.29	0.76	0.32	0.29	1.36
58	<i>Setaria plicata</i> (Lamaire) T. Cooke	17	4.55	0.15	3.4	0.54	0.34	0.43	1.3
59	<i>Elatostema hookerianum</i> Weddell	15	5.45	0.14	2.5	0.65	0.3	0.31	1.26
60	<i>Anaphalis controta</i> Hook. f.	16	3.64	0.15	4	0.43	0.32	0.5	1.25
61	<i>Cerastium glomeratum</i> Thuillier	12	1.82	0.11	6	0.22	0.24	0.75	1.21
62	<i>Curculigo orchiioides</i> Gaertner	14	3.64	0.13	3.5	0.43	0.28	0.44	1.15
63	<i>Swertia bimaculata</i> (Siebold & Zuccarini) C.B. Clarke	14	3.64	0.13	3.5	0.43	0.28	0.44	1.15
64	<i>Clinopodium umbrosum</i> (Bieberstein) Koch	13	2.73	0.12	4.33	0.33	0.26	0.54	1.13
65	<i>Gallium sp</i>	11	1.82	0.1	5.5	0.22	0.22	0.69	1.12
66	<i>Anaphalis triplinervis</i> (Sims) C.B. Clarke	12	2.73	0.11	4	0.33	0.24	0.5	1.06
67	<i>Eupatorium adenophorum</i> Sprengel	12	2.73	0.11	4	0.33	0.24	0.5	1.06
68	<i>Prenanthes burmaniana</i> Wallich ex DC.	12	3.64	0.11	3	0.43	0.24	0.38	1.05
69	<i>Begonia hatacoa</i> D. Don	10	1.82	0.09	5	0.22	0.2	0.63	1.04
70	<i>Lycopodium clavatum</i> L.	9	5.45	0.08	1.5	0.65	0.18	0.19	1.02
71	<i>Myriactis nepalensis</i> Less	10	4.55	0.09	2	0.54	0.2	0.25	0.99
72	<i>Gallium routindifolium</i> L.	6	0.91	0.05	6	0.11	0.12	0.75	0.98
73	<i>Tiarella polyphylla</i> D. Don	6	0.91	0.05	6	0.11	0.12	0.75	0.98
74	<i>Fragaria rubiginosa</i> Lacaita	9	1.82	0.08	4.5	0.22	0.18	0.56	0.96
75	<i>Pteris biaurita</i> L.	9	1.82	0.08	4.5	0.22	0.18	0.56	0.96
76	<i>Rubus thomsonii</i> Focke	10	2.73	0.09	3.33	0.33	0.2	0.42	0.94
77	<i>Commelina sikkimensis</i> C.B. Clarke	10	3.64	0.09	2.5	0.43	0.2	0.31	0.94
78	<i>Begonia gemmipara</i> Hook. f.	9	3.64	0.08	2.25	0.43	0.18	0.28	0.89
79	<i>Fragaria nubicola</i> (Hook. f.) Lacaita	9	2.73	0.08	3	0.33	0.18	0.38	0.88
80	<i>Commelina suffruticosa</i> Blume	7	4.55	0.06	1.4	0.54	0.14	0.18	0.86
81	<i>Smilax elegans</i> Wallich ex Kunth	7	4.55	0.06	1.4	0.54	0.14	0.18	0.86
82	<i>Geranium nepalense</i> Sweet	8	3.64	0.07	2	0.43	0.16	0.25	0.84
83	<i>Hydrocotyl himalaica</i> Mukherjee	5	0.91	0.05	5	0.11	0.1	0.63	0.83
84	<i>Gonatanthus sarmentosus</i> Koltzsch & Otto	5	0.91	0.05	5	0.11	0.1	0.63	0.83
85	<i>Lonicera tomentella</i> Hook. f. & Thomson	5	0.91	0.05	5	0.11	0.1	0.63	0.83
86	<i>Trifolium repens</i> L.	5	0.91	0.05	5	0.11	0.1	0.63	0.83
87	<i>Sanicula elata</i> D. Don	8	2.73	0.07	2.67	0.33	0.16	0.33	0.82
88	<i>Viola hookeri</i> Thomson	8	2.73	0.07	2.67	0.33	0.16	0.33	0.82
89	<i>Didymocarpus pulchra</i> C.B. Clarke	7	1.82	0.06	3.5	0.22	0.14	0.44	0.79
90	<i>Notochaete hamosa</i> Benthams	7	1.82	0.06	3.5	0.22	0.14	0.44	0.79
91	<i>Anthogonium gracilis</i> Lindley	7	2.73	0.06	2.33	0.33	0.14	0.29	0.76
92	<i>Smilax sp</i>	7	2.73	0.06	2.33	0.33	0.14	0.29	0.76
93	<i>Smilax lanceifolia</i> Roxburgh	6	3.64	0.05	1.5	0.43	0.12	0.19	0.74
94	<i>Jusminium disperma</i> Wallich	6	1.82	0.05	3	0.22	0.12	0.38	0.71
95	<i>Monotropa uniflora</i> L.	6	1.82	0.05	3	0.22	0.12	0.38	0.71
96	<i>Lysimachia japonica</i> Thunberg	4	0.91	0.04	4	0.11	0.08	0.5	0.69
97	<i>Holboellia latifolia</i> Wallich	5	3.64	0.05	1.25	0.43	0.1	0.16	0.69
98	<i>Hedera nepalensis</i> K. Koch	6	2.73	0.05	2	0.33	0.12	0.25	0.69
99	<i>Scutellaria violacea</i> Benthams var <i>sikkimensis</i> Hook. f.	4	0.91	0.04	4	0.11	0.08	0.5	0.69
100	<i>Stellaria patens</i> D. Don	4	0.91	0.04	4	0.11	0.08	0.5	0.69
101	<i>Calanthe brevicornu</i> Lindley	5	2.73	0.05	1.67	0.33	0.1	0.21	0.63
102	<i>Loxostigma griffithii</i> (Wight) C.B. Clarke	5	1.82	0.05	2.5	0.22	0.1	0.31	0.63
103	<i>Thunbergia lutea</i> Anderson	5	2.73	0.05	1.67	0.33	0.1	0.21	0.63
104	<i>Tripterospermum volubile</i> (D. Don) Hara	5	1.82	0.05	2.5	0.22	0.1	0.31	0.63
105	<i>Gallium cryptanthum</i> Helms	5	1.82	0.05	2.5	0.22	0.1	0.31	0.63
106	<i>Ophiorrhiza rugosa</i> Wallich	5	2.73	0.05	1.67	0.33	0.1	0.21	0.63
107	<i>Piper sylvaticum</i> Roxburgh	5	2.73	0.05	1.67	0.33	0.1	0.21	0.63
108	<i>Crawfordia speciosa</i> Wallich	4	2.73	0.04	1.33	0.33	0.08	0.17	0.57
109	<i>Gamblea ciliata</i> C.B. Clarke	4	2.73	0.04	1.33	0.33	0.08	0.17	0.57
110	<i>Hemiphragma heterophyllum</i> Wallich	4	2.73	0.04	1.33	0.33	0.08	0.17	0.57
111	<i>Malaxis sp</i>	4	2.73	0.04	1.33	0.33	0.08	0.17	0.57



Table 6 continued..

112	<i>Rubus paniculatus</i> Smith	4	2.73	0.04	1.33	0.33	0.08	0.17	0.57
113	<i>Begonia sikkimensis</i> A. DC.	4	1.82	0.04	2	0.22	0.08	0.25	0.55
114	<i>Didymocarpus podocarpus</i> C.B. Clarke	4	1.82	0.04	2	0.22	0.08	0.25	0.55
115	<i>Gallium hirtiflorum</i> DC.	4	1.82	0.04	2	0.22	0.08	0.25	0.55
116	<i>Streptolirion volubile</i> Edgeworth	4	1.82	0.04	2	0.22	0.08	0.25	0.55
117	<i>Tsuga dumosa</i> (D. Don) Eichler	4	1.82	0.04	2	0.22	0.08	0.25	0.55
118	<i>Chirita macrophylla</i> Wallich	3	0.91	0.03	3	0.11	0.06	0.38	0.54
119	<i>Commelina paludosa</i> Blume	3	0.91	0.03	3	0.11	0.06	0.38	0.54
120	<i>Eurya acuminata</i> DC.	3	0.91	0.03	3	0.11	0.06	0.38	0.54
121	<i>Pilea cordifolia</i> Hook. f.	3	0.91	0.03	3	0.11	0.06	0.38	0.54
122	<i>Zanthoxylum budrunga</i> (Roxburgh) DC.	3	0.91	0.03	3	0.11	0.06	0.38	0.54
123	<i>Aconogonon molle</i> (Meisner) Reichenbach	3	1.82	0.03	1.5	0.22	0.06	0.19	0.46
124	<i>Astilbe rivularis</i> D. Don	3	1.82	0.03	1.5	0.22	0.06	0.19	0.46
125	<i>Arisaema</i> sp	3	1.82	0.03	1.5	0.22	0.06	0.19	0.46
126	<i>Pteridium</i> sp	3	1.82	0.03	1.5	0.22	0.06	0.19	0.46
127	<i>Rubus moluccanus</i> L.	3	1.82	0.03	1.5	0.22	0.06	0.19	0.46
128	<i>Rubus sikkimensis</i> Hook. f.	3	1.82	0.03	1.5	0.22	0.06	0.19	0.46
129	<i>Maianthemum oleraceum</i> (Baker) LaFrankie	3	1.82	0.03	1.5	0.22	0.06	0.19	0.46
130	<i>Acer campbellii</i> Hiern	2	0.91	0.02	2	0.11	0.04	0.25	0.4
131	<i>Begonia picta</i> Smith	2	0.91	0.02	2	0.11	0.04	0.25	0.4
132	<i>Campanula</i> sp	2	0.91	0.02	2	0.11	0.04	0.25	0.4
133	<i>Cyanotis vaga</i> (Loureiro) J.A. & J.H. Schultes	2	0.91	0.02	2	0.11	0.04	0.25	0.4
134	<i>Daphne bhoulia</i> D. Don	2	0.91	0.02	2	0.11	0.04	0.25	0.4
135	<i>Dryopteris</i> sp	2	0.91	0.02	2	0.11	0.04	0.25	0.4
136	<i>Elatostema subincisum</i> Weddell	2	0.91	0.02	2	0.11	0.04	0.25	0.4
137	<i>Elsholtzia</i> sp	2	0.91	0.02	2	0.11	0.04	0.25	0.4
138	<i>Ficus cunia</i> Roxburgh	2	0.91	0.02	2	0.11	0.04	0.25	0.4
139	<i>Habenaria</i> sp	2	0.91	0.02	2	0.11	0.04	0.25	0.4
140	<i>Inula eupatorioides</i> DC.	2	0.91	0.02	2	0.11	0.04	0.25	0.4
141	<i>Rubia manjith</i> Roxburgh	2	0.91	0.02	2	0.11	0.04	0.25	0.4
142	<i>Smilax minutiflora</i> A. DC	2	0.91	0.02	2	0.11	0.04	0.25	0.4
143	<i>Spiranthes australis</i> (R. Brown) Lindley	2	0.91	0.02	2	0.11	0.04	0.25	0.4
144	<i>Viola sikkimensis</i> Becker	2	0.91	0.02	2	0.11	0.04	0.25	0.4
145	<i>Ainsliaea pterapoda</i> DC.	2	1.82	0.02	1	0.22	0.04	0.13	0.38
146	<i>Ceropegia longifolia</i> Wallich	2	1.82	0.02	1	0.22	0.04	0.13	0.38
147	<i>Clematis buchanania</i> DC.	2	1.82	0.02	1	0.22	0.04	0.13	0.38
148	<i>Clematis montana</i> DC.	2	1.82	0.02	1	0.22	0.04	0.13	0.38
149	<i>Dichroa febrifuga</i> Loureiro	2	1.82	0.02	1	0.22	0.04	0.13	0.38
150	<i>Hypericum hookerianum</i> Wight & Arnott	2	1.82	0.02	1	0.22	0.04	0.13	0.38
151	<i>Liparis</i> sp	2	1.82	0.02	1	0.22	0.04	0.13	0.38
152	<i>Senecio scandens</i> D. Don	2	1.82	0.02	1	0.22	0.04	0.13	0.38
153	<i>Monotropa uniflora</i>	1	0.91	0.01	1	0.11	0.02	0.13	0.25
154	<i>Begonia palmata</i> D. Non	1	0.91	0.01	1	0.11	0.02	0.13	0.25
155	<i>Berberis nepaulensis</i> (DC.) Sprengel	1	0.91	0.01	1	0.11	0.02	0.13	0.25
156	<i>Blechnum orientale</i> L.	1	0.91	0.01	1	0.11	0.02	0.13	0.25
157	<i>Blumea</i> sp	1	0.91	0.01	1	0.11	0.02	0.13	0.25
158	<i>Clematis acuminata</i> DC.	1	0.91	0.01	1	0.11	0.02	0.13	0.25
159	<i>Codonopsis inflata</i> Hook. f. & Thomson	1	0.91	0.01	1	0.11	0.02	0.13	0.25
160	<i>Edgaria darjeelingensis</i> C.B. Clarke	1	0.91	0.01	1	0.11	0.02	0.13	0.25
161	<i>Elatostema rupestre</i> (D. Don) Weddell	1	0.91	0.01	1	0.11	0.02	0.13	0.25
162	<i>Epilobium</i> sp	1	0.91	0.01	1	0.11	0.02	0.13	0.25
163	<i>Girardiana diversifolia</i> (Link) Friis	1	0.91	0.01	1	0.11	0.02	0.13	0.25
164	<i>Globba racemosa</i> Smith	1	0.91	0.01	1	0.11	0.02	0.13	0.25
165	<i>Remusatia vivipara</i> (Roxburgh) Schott	1	0.91	0.01	1	0.11	0.02	0.13	0.25
166	<i>Hypericum choisianum</i> Robson	1	0.91	0.01	1	0.11	0.02	0.13	0.25
167	<i>Hypericum uralum</i> D. Don	1	0.91	0.01	1	0.11	0.02	0.13	0.25
168	<i>Lithocarpus pachyphylla</i> (Kurz) Rehder	1	0.91	0.01	1	0.11	0.02	0.13	0.25
169	<i>Lycopodium cernuum</i> L.	1	0.91	0.01	1	0.11	0.02	0.13	0.25
170	<i>Maianthemum oleraceum</i> (Baker) LaFrankie	1	0.91	0.01	1	0.11	0.02	0.13	0.25
171	<i>Oenanthe javanica</i> (Blume) DC.	1	0.91	0.01	1	0.11	0.02	0.13	0.25

**Table 6 continued..**

172	<i>Paris polyphylla</i> Smith	1	0.91	0.01	1	0.11	0.02	0.13	0.25
173	<i>Parthenocissus</i> sp	1	0.91	0.01	1	0.11	0.02	0.13	0.25
174	<i>Peperomia tetraphylla</i> (Forster) Hook. & Arnott	1	0.91	0.01	1	0.11	0.02	0.13	0.25
175	<i>Poa annua</i> L.	1	0.91	0.01	1	0.11	0.02	0.13	0.25
176	<i>Swertia nervosa</i> (G. Don) Clarke	1	0.91	0.01	1	0.11	0.02	0.13	0.25
177	<i>Symplocos glomerata</i> C.B. Clarke	1	0.91	0.01	1	0.11	0.02	0.13	0.25
178	<i>Thunbergia coccinea</i> D. Don	1	0.91	0.01	1	0.11	0.02	0.13	0.25
179	<i>Viburnum erubescens</i> DC.	1	0.91	0.01	1	0.11	0.02	0.13	0.25
180	<i>Vitis pedata</i> (Lamair) Wallich ex Wight	1	0.91	0.01	1	0.11	0.02	0.13	0.25

**Table 7: Temperate Broad Leaved Forests**

Sl. No.	Name	TC	F	D	A	RF	RD	RA	IVI
1	<i>Elatostema obtusum</i> Weddell	778	46.67	17.29	37.05	5.25	26.61	6.66	38.52
2	<i>Pilea symmeria</i> Weddell	212	26.67	4.71	17.67	3	7.25	3.17	13.43
3	<i>Persicaria chinensis</i> (L.) H. Gross	166	46.67	3.69	7.9	5.25	5.68	1.42	12.35
4	<i>Viola</i> sp	142	31.11	3.16	10.14	3.5	4.86	1.82	10.18
5	<i>Peracarpa carnosa</i> (Wallich) Hook. f. & Thomson	129	37.78	2.87	7.59	4.25	4.41	1.36	10.03
6	<i>Fragaria nubicola</i> (Hook. f.) Lacaita	99	28.89	2.2	7.62	3.25	3.39	1.37	8
7	<i>Plagiogyria pycnophylla</i> (Kunze) Mett.	86	28.89	1.91	6.62	3.25	2.94	1.19	7.38
8	<i>Boehmeria</i> sp	88	26.67	1.96	7.33	3	3.01	1.32	7.33
9	<i>Cyperus</i> sp	74	26.67	1.64	6.17	3	2.53	1.11	6.64
10	<i>Erigeron karvinskianus</i> DC.	25	2.22	0.56	25	0.25	0.85	4.49	5.6
11	<i>Impatiens</i> sp	39	28.89	0.87	3	3.25	1.33	0.54	5.12
12	<i>Aconogonon molle</i> (Meisner) Reichenbach	54	17.78	1.2	6.75	2	1.85	1.21	5.06
13	<i>Ophiopogon intermedius</i> D. Don	43	22.22	0.96	4.3	2.5	1.47	0.77	4.74
14	<i>Aletris gracilis</i> Rendle	45	8.89	1	11.25	1	1.54	2.02	4.56
15	<i>Strobilanthes</i> sp	45	17.78	1	5.63	2	1.54	1.01	4.55
16	<i>Euonymus echinatus</i> Wallich	40	20	0.89	4.44	2.25	1.37	0.8	4.42
17	<i>Rubus thomsonii</i> Focke	32	20	0.71	3.56	2.25	1.09	0.64	3.98
18	<i>Prunella vulgaris</i> L.	34	6.67	0.76	11.33	0.75	1.16	2.04	3.95
19	<i>Pteris biauifita</i> L.	35	8.89	0.78	8.75	1	1.2	1.57	3.77
20	<i>Pteris</i> sp	32	6.67	0.71	10.67	0.75	1.09	1.92	3.76
21	<i>Fragaria nubicola</i> (Hook. f.) Lacaita	33	15.56	0.73	4.71	1.75	1.13	0.85	3.73
22	<i>Smilax rigida</i> Wallich ex Kunth	23	20	0.51	2.56	2.25	0.79	0.46	3.5
23	<i>Cerastrium glomeratum</i> Thuillier	29	6.67	0.64	9.67	0.75	0.99	1.74	3.48
24	<i>Oxalis acetocella</i> L.	31	11.11	0.69	6.2	1.25	1.06	1.11	3.42
25	<i>Ranunculus montana</i> DC.	27	6.67	0.6	9	0.75	0.92	1.62	3.29
26	<i>Pronephrium nudatum</i> (Roxburgh) Chandra	14	2.22	0.31	14	0.25	0.48	2.52	3.24
27	<i>Gentiana bryoides</i> Burkill	13	2.22	0.29	13	0.25	0.44	2.34	3.03
28	<i>Poa annua</i> L.	13	2.22	0.29	13	0.25	0.44	2.34	3.03
29	<i>Tiarella polyphylla</i> D. Don	13	2.22	0.29	13	0.25	0.44	2.34	3.03
30	<i>Tetragium serrulatum</i> (Roxburgh) Planchon	15	17.78	0.33	1.88	2	0.51	0.34	2.85
31	<i>Globba hookeri</i> Baker	22	6.67	0.49	7.33	0.75	0.75	1.32	2.82
32	<i>Rubus calycinus</i> D. Don	22	8.89	0.49	5.5	1	0.75	0.99	2.74
33	<i>Gentiana pedicellata</i> (D. Don) Grisebach	20	8.89	0.44	5	1	0.68	0.9	2.58
34	<i>Lobelia montana</i> Blume	16	4.44	0.36	8	0.5	0.55	1.44	2.48
35	<i>Hemiphragma heterophyllum</i> Wallich	18	6.67	0.4	6	0.75	0.62	1.08	2.44
36	<i>Viola hookeri</i> Thomson	18	8.89	0.4	4.5	1	0.62	0.81	2.42
37	<i>Stellaria sikkimensis</i> Edgeworth & Hook. f.	10	2.22	0.22	10	0.25	0.34	1.8	2.39
38	<i>Viola serpens</i> Roxburgh	17	8.89	0.38	4.25	1	0.58	0.76	2.35
39	<i>Elatostema hookerianum</i> Weddell	17	6.67	0.38	5.67	0.75	0.58	1.02	2.35
40	<i>Scutellaria violacea</i> Bentham	12	13.33	0.27	2	1.5	0.41	0.36	2.27

Table 7 continued..

41	<i>Anaphalis margaritacea</i> (L.) Bentham & Hook. f.	13	4.44	0.29	6.5	0.5	0.44	1.17	2.11
42	<i>Elatostema dissectum</i> Weddell	14	8.89	0.31	3.5	1	0.48	0.63	2.11
43	<i>Opismenus burmanii</i> (Retzius) P. Beauvois	14	8.89	0.31	3.5	1	0.48	0.63	2.11
44	<i>Polystichium lentum</i> (D. Don) Moore	14	6.67	0.31	4.67	0.75	0.48	0.84	2.07
45	<i>Pilea bracteosa</i> Weddell	12	4.44	0.27	6	0.5	0.41	1.08	1.99
46	<i>Ophiorrhiza treutleri</i> Hook. f.	13	6.67	0.29	4.33	0.75	0.44	0.78	1.97
47	<i>Notochaete hamosa</i> Bentham	12	6.67	0.27	4	0.75	0.41	0.72	1.88
48	<i>Anaphalis triplinervis</i> (Sims) C.B. Clarke	11	4.44	0.24	5.5	0.5	0.38	0.99	1.86
49	<i>Euonymus theifolia</i> Lawson	11	4.44	0.24	5.5	0.5	0.38	0.99	1.86
50	<i>Anaphalis busua</i> (D. Don) DC.	7	2.22	0.16	7	0.25	0.24	1.26	1.75
51	<i>Strobilanthes flacidifolius</i> Nees	7	2.22	0.16	7	0.25	0.24	1.26	1.75
52	<i>Maianthemum purpureum</i> (Wallich) LaFrankie	10	4.44	0.22	5	0.5	0.34	0.9	1.74
53	<i>Setaria plicata</i> (Lam.) T. Cooke	9	8.89	0.2	2.25	1	0.31	0.4	1.71
54	<i>Maianthemum oleraceum</i> (Baker) LaFrankie	9	4.44	0.2	4.5	0.5	0.31	0.81	1.62
55	<i>Gaultheria nummularioides</i> D. Don	6	2.22	0.13	6	0.25	0.21	1.08	1.53
56	<i>Streptolirion volubile</i> Edgeworth	8	6.67	0.18	2.67	0.75	0.27	0.48	1.5
57	<i>Commelina sikkimensis</i> C.B. Clarke	8	4.44	0.18	4	0.5	0.27	0.72	1.49
58	<i>Drynaria propinqua</i> (Wallich ex Mett.) S. Smith	8	4.44	0.18	4	0.5	0.27	0.72	1.49
59	<i>Tupistra clarkei</i> Hook. f.	8	4.44	0.18	4	0.5	0.27	0.72	1.49
60	<i>Prenanthes burnoniana</i> Wallich ex DC.	7	6.67	0.16	2.33	0.75	0.24	0.42	1.41
61	<i>Commelina paludosa</i> Blume	5	2.22	0.11	5	0.25	0.17	0.9	1.32
62	<i>Gallium elegans</i> Roxburgh	5	2.22	0.11	5	0.25	0.17	0.9	1.32
63	<i>Senecio wallichii</i> DC.	5	2.22	0.11	5	0.25	0.17	0.9	1.32
64	<i>Natsiatum herpeticum</i> Amott	5	6.67	0.11	1.67	0.75	0.17	0.3	1.22
65	<i>Calanthe brevicornu</i> Lindley	5	4.44	0.11	2.5	0.5	0.17	0.45	1.12
66	<i>Paris polyphylla</i> Smith var <i>polyphylla</i>	5	4.44	0.11	2.5	0.5	0.17	0.45	1.12
67	<i>Elatostema lineolatum</i> Wight	5	4.44	0.11	2.5	0.5	0.17	0.45	1.12
68	<i>Piper sylvaticum</i> Roxburgh	5	4.44	0.11	2.5	0.5	0.17	0.45	1.12
69	<i>Ainsliaea pteropoda</i> DC. Var <i>effuse</i>	4	2.22	0.09	4	0.25	0.14	0.72	1.11
70	<i>Hemidesmus indicus</i> (L.) Schultes	4	2.22	0.09	4	0.25	0.14	0.72	1.11
71	<i>Ophiorrhiza sp</i>	4	2.22	0.09	4	0.25	0.14	0.72	1.11
72	<i>Sarcococca hookeriana</i> Baillon	4	2.22	0.09	4	0.25	0.14	0.72	1.11
73	<i>Smilax minutiflora</i> A. DC	4	2.22	0.09	4	0.25	0.14	0.72	1.11
74	<i>Vitex sp</i>	4	2.22	0.09	4	0.25	0.14	0.72	1.11
75	<i>Solanum marcodon</i> Nees	3	6.67	0.07	1	0.75	0.1	0.18	1.03
76	<i>Myriactis nepalensis</i> Less	4	4.44	0.09	2	0.5	0.14	0.36	1
77	<i>Sanicula elata</i> D. Don	4	4.44	0.09	2	0.5	0.14	0.36	1
78	<i>Ophiorrhiza rugosa</i> Wallich	3	2.22	0.07	3	0.25	0.1	0.54	0.89
79	<i>Quercus semiserrata</i> Roxburgh	3	2.22	0.07	3	0.25	0.1	0.54	0.89
80	<i>Achyranthes bidentata</i> Blume	3	4.44	0.07	1.5	0.5	0.1	0.27	0.87
81	<i>Clinopodium umbrosum</i> (Bieberstein) Koch	3	4.44	0.07	1.5	0.5	0.1	0.27	0.87
82	<i>Rubia manjith</i> Roxburgh	3	4.44	0.07	1.5	0.5	0.1	0.27	0.87
83	<i>Crawfordia speciosa</i> Wallich	2	4.44	0.04	1	0.5	0.07	0.18	0.75
84	<i>Liparis sp</i>	2	4.44	0.04	1	0.5	0.07	0.18	0.75
85	<i>Anaphalis contorta</i> Hook. f.	2	2.22	0.04	2	0.25	0.07	0.36	0.68
86	<i>Astilbe rivularis</i> D. Don	2	2.22	0.04	2	0.25	0.07	0.36	0.68
87	<i>Thunbergia lutea</i> Anderson	2	2.22	0.04	2	0.25	0.07	0.36	0.68
88	<i>Elatostema obtusum</i> Weddell	2	2.22	0.04	2	0.25	0.07	0.36	0.68
89	<i>Crawfordia speciosa</i> Wallich	2	2.22	0.04	2	0.25	0.07	0.36	0.68
90	<i>Geranium nepalense</i> Sweet	2	2.22	0.04	2	0.25	0.07	0.36	0.68
91	<i>Lonicera hispida</i> Phallas ex Willdenow	2	2.22	0.04	2	0.25	0.07	0.36	0.68
92	<i>Loxostigma griffithii</i> (Wight) C.B. Clarke	2	2.22	0.04	2	0.25	0.07	0.36	0.68
93	<i>Lysimachia japonica</i> Thunberg	2	2.22	0.04	2	0.25	0.07	0.36	0.68
94	<i>Rubia wallichiana</i> Decaisne	2	2.22	0.04	2	0.25	0.07	0.36	0.68
95	<i>Sarcopyramis nepalensis</i> Wallich	2	2.22	0.04	2	0.25	0.07	0.36	0.68

**Table 7 continued..**

96	<i>Smilax elegans</i> Wallich ex Kunth ssp <i>elegans</i>	2	2.22	0.04	2	0.25	0.07	0.36	0.68
97	<i>Strobilanthes divaricata</i> (Nees) Anderson	2	2.22	0.04	2	0.25	0.07	0.36	0.68
98	<i>Swertia bimaculata</i> (Siebold & Zuccarini) C.B. Clarke	2	2.22	0.04	2	0.25	0.07	0.36	0.68
99	<i>Astilbe rivularis</i> D. Don	1	2.22	0.02	1	0.25	0.03	0.18	0.46
100	<i>Berberis</i> sp	1	2.22	0.02	1	0.25	0.03	0.18	0.46
101	<i>Berberis wallichiana</i> DC.	1	2.22	0.02	1	0.25	0.03	0.18	0.46
102	<i>Brachystemma calycinum</i> D. Don	1	2.22	0.02	1	0.25	0.03	0.18	0.46
103	<i>Carex phacota</i> Sprengel	1	2.22	0.02	1	0.25	0.03	0.18	0.46
104	<i>Clematis buchanaia</i> DC.	1	2.22	0.02	1	0.25	0.03	0.18	0.46
105	<i>Codonopsis</i> sp	1	2.22	0.02	1	0.25	0.03	0.18	0.46
106	<i>Cyanotis vaga</i> (Loureiro) J.A. & J.H. Schultes	1	2.22	0.02	1	0.25	0.03	0.18	0.46
107	<i>Dichroa febrifuga</i> Loureiro	1	2.22	0.02	1	0.25	0.03	0.18	0.46
108	<i>Eurya acuminata</i> DC.	1	2.22	0.02	1	0.25	0.03	0.18	0.46
109	<i>Girardiana</i> sp	1	2.22	0.02	1	0.25	0.03	0.18	0.46
110	<i>Hedyotis scandens</i> Roxburgh	1	2.22	0.02	1	0.25	0.03	0.18	0.46
111	<i>Hydrangea</i> sp	1	2.22	0.02	1	0.25	0.03	0.18	0.46
112	<i>Plectranthus</i> sp	1	2.22	0.02	1	0.25	0.03	0.18	0.46
113	<i>Paris polyphylla</i> Smith var <i>stenophylla</i> Franchet	1	2.22	0.02	1	0.25	0.03	0.18	0.46
114	<i>Senecio scandens</i> D. Don	1	2.22	0.02	1	0.25	0.03	0.18	0.46
115	<i>Smilax lanceifolia</i> Roxburgh	1	2.22	0.02	1	0.25	0.03	0.18	0.46
116	<i>Thunbergia coccinea</i> D. Don	1	2.22	0.02	1	0.25	0.03	0.18	0.46

**Table 8: *Alnus* Forests**

Sl. No.	Name	TC	F	D	A	RF	RD	RA	IVI
1	<i>Oplismenus compositus</i> (L.) P. Beauvois	571	93.33	12.69	13.6	12	25.23	7.38	44.61
2	<i>Persicaria chinensis</i> (L.) H. Gross	482	93.33	10.71	11.48	12	21.3	6.23	39.53
3	<i>Commelina benghalensis</i> L.	202	66.67	4.49	6.73	8.57	8.93	3.66	21.15
4	<i>Bidens pilosa</i> L.	165	55.56	3.67	6.6	7.14	7.29	3.58	18.02
5	<i>Pilea</i> sp	144	53.33	3.2	6	6.86	6.36	3.26	16.48
6	<i>Drymaria villosa</i> Chasmissio & Schlechtendal	114	40	2.53	6.33	5.14	5.04	3.44	13.62
7	<i>Pouzolzia zeylenica</i> (L.) Bennet & Brown	87	51.11	1.93	3.78	6.57	3.84	2.05	12.47
8	<i>Polystichium lentum</i> (D. Don) Moore	77	37.78	1.71	4.53	4.86	3.4	2.46	10.72
9	<i>Hemiphragma heterophyllum</i> Wallich	51	11.11	1.13	10.2	1.43	2.25	5.54	9.22
10	<i>Eupatorium adenophorum</i> Sprengel	47	24.44	1.04	4.27	3.14	2.08	2.32	7.54
11	<i>Polystichium lentum</i> (D. Don) Moore	43	13.33	0.96	7.17	1.71	1.9	3.89	7.51
12	<i>Centella asiatica</i> (L.) Urban	32	13.33	0.71	5.33	1.71	1.41	2.9	6.02
13	<i>Viola serpens</i> Roxburgh	9	2.22	0.2	9	0.29	0.4	4.89	5.57
14	undetermined	19	6.67	0.42	6.33	0.86	0.84	3.44	5.14
15	<i>Cyperus</i> sp	24	20	0.53	2.67	2.57	1.06	1.45	5.08
16	<i>Pteris</i> sp	23	17.78	0.51	2.88	2.29	1.02	1.56	4.86
17	<i>Lindernia crustacea</i> (L.) Mueller	7	2.22	0.16	7	0.29	0.31	3.8	4.4
18	<i>Strobilanthes</i> sp	14	6.67	0.31	4.67	0.86	0.62	2.53	4.01
19	<i>Plectranthus rugosus</i> Bentham	17	13.33	0.38	2.83	1.71	0.75	1.54	4
20	<i>Dicliptera bupleuroides</i> Nees	14	13.33	0.31	2.33	1.71	0.62	1.27	3.6
21	<i>Polygonum runcinatum</i> D. Don	13	8.89	0.29	3.25	1.14	0.57	1.76	3.48
22	<i>Achyranthes bidentata</i> Blume	13	13.33	0.29	2.17	1.71	0.57	1.18	3.47
23	<i>Pupalia atropurpurea</i> (Lamarck) Moquin	11	15.56	0.24	1.57	2	0.49	0.85	3.34
24	<i>Dichroa febrifuga</i> Loureiro	5	2.22	0.11	5	0.29	0.22	2.71	3.22
25	<i>Selaginella</i> sp	5	2.22	0.11	5	0.29	0.22	2.71	3.22
26	<i>Urena lobata</i> L.	9	11.11	0.2	1.8	1.43	0.4	0.98	2.8
27	<i>Setaria plicata</i> (Lamair) T. Cooke	7	13.33	0.16	1.17	1.71	0.31	0.63	2.66

Table 8 continued..

28	<i>Ficus headrace</i> Roxburgh	4	2.22	0.09	4	0.29	0.18	2.17	2.63
29	<i>Hydrocotyl nepalensis</i> Hook. f.	4	2.22	0.09	4	0.29	0.18	2.17	2.63
30	<i>Myriactis nepalensis</i> Less	4	2.22	0.09	4	0.29	0.18	2.17	2.63
31	<i>Crassocephalum crepidioides</i> (Bentham) S. Moore	5	4.44	0.11	2.5	0.57	0.22	1.36	2.15
32	<i>Gallium elegans</i> Roxburgh	5	4.44	0.11	2.5	0.57	0.22	1.36	2.15
33	<i>Ageratum conyzoides</i> L.	5	6.67	0.11	1.67	0.86	0.22	0.9	1.98
34	<i>Rubia manjith</i> Roxburgh	4	4.44	0.09	2	0.57	0.18	1.09	1.83
35	<i>Elsholtzia</i> sp	4	6.67	0.09	1.33	0.86	0.18	0.72	1.76
36	<i>Stephania japonica</i> (Thunberg) Miers	3	6.67	0.07	1	0.86	0.13	0.54	1.53
37	<i>Oxalis comiculata</i> L.	3	4.44	0.07	1.5	0.57	0.13	0.81	1.52
38	<i>Cautleya spicata</i> (Smith) Baker	2	2.22	0.04	2	0.29	0.09	1.09	1.46
39	<i>Gynura nepalensis</i> DC.	2	2.22	0.04	2	0.29	0.09	1.09	1.46
40	<i>Lindernia crustacea</i> (L.) Mueller	2	2.22	0.04	2	0.29	0.09	1.09	1.46
41	<i>Ophiopogon intermedius</i> D. Don	2	4.44	0.04	1	0.57	0.09	0.54	1.2
42	<i>Ageratum haustonianum</i> Miller	1	2.22	0.02	1	0.29	0.04	0.54	0.87
43	<i>Arisaema</i> sp	1	2.22	0.02	1	0.29	0.04	0.54	0.87
44	<i>Auxonopus compressus</i> (Swartz) P. Beauvois	1	2.22	0.02	1	0.29	0.04	0.54	0.87
45	<i>Blechnum orientale</i> L.	1	2.22	0.02	1	0.29	0.04	0.54	0.87
46	<i>Cynotis</i> sp	1	2.22	0.02	1	0.29	0.04	0.54	0.87
47	<i>Gonatanthus</i> sp	1	2.22	0.02	1	0.29	0.04	0.54	0.87
48	<i>Notochaete hamosa</i> Bentham	1	2.22	0.02	1	0.29	0.04	0.54	0.87
49	<i>Cheilanthes farinosa</i> (Frosskal) Kaulf.	1	2.22	0.02	1	0.29	0.04	0.54	0.87
50	<i>Solanum torvum</i> Swartz	1	2.22	0.02	1	0.29	0.04	0.54	0.87

Table 9: Conifer Forests

Sl. No.	Name	TC	F	D	A	RF	RD	RA	IVI
1	<i>Bistrotia emodi</i> (Meisner) Hara	561	46.67	37.4	80.14	5.56	28.64	15.53	49.72
2	<i>Elatostema sessilis</i> L.	194	20	12.93	64.67	2.38	9.9	12.53	24.81
3	<i>Cyperus squarrosus</i> L.	207	60	13.8	23	7.14	10.57	4.46	22.17
4	<i>Viola serpens</i> Roxburgh	127	26.67	8.47	31.75	3.17	6.48	6.15	15.81
5	<i>Rubus calycinus</i> D. Don	103	53.33	6.87	12.88	6.35	5.26	2.49	14.1
6	<i>Saxifraga gageana</i> W.W. Smith	97	33.33	6.47	19.4	3.97	4.95	3.76	12.68
7	<i>Oxalis acetocella</i> L.	58	60	3.87	6.44	7.14	2.96	1.25	11.35
8	<i>Heracleum nepalense</i> D. Don	75	20	5	25	2.38	3.83	4.84	11.05
9	<i>Peracarpa carnosus</i> (Wallich) Hook. f. & Thomson	70	40	4.67	11.67	4.76	3.57	2.26	10.6
10	<i>Fragaria daltoniana</i> Gay	40	6.67	2.67	40	0.79	2.04	7.75	10.59
11	<i>Gaultheria nummularioides</i> D. Don	62	46.67	4.13	8.86	5.56	3.16	1.72	10.44
12	<i>Viola paravaginata</i> Hara	40	26.67	2.67	10	3.17	2.04	1.94	7.15
13	<i>Stellaria sikkimensis</i> Edgeworth & Hook. f.	25	6.67	1.67	25	0.79	1.28	4.84	6.91
14	<i>Fragaria</i> sp	38	20	2.53	12.67	2.38	1.94	2.45	6.78
15	<i>Anemone rupicola</i> Cambessedes	36	20	2.4	12	2.38	1.84	2.33	6.54
16	<i>Ophiopogon intermedius</i> D. Don	21	33.33	1.4	4.2	3.97	1.07	0.81	5.85
17	<i>Aconogonon molle</i> (Meisner) Reichenbach	29	20	1.93	9.67	2.38	1.48	1.87	5.73
18	<i>Bupleurum himalayense</i> Klotzsch	28	20	1.87	9.33	2.38	1.43	1.81	5.62
19	<i>Anaphalis margaritacea</i> (L.) Bentham & Hook. f.	26	13.33	1.73	13	1.59	1.33	2.52	5.43
20	<i>Fragaria rubiginosa</i> Lacaita	17	13.33	1.13	8.5	1.59	0.87	1.65	4.1
21	<i>Potentilla peduncularis</i> D. Don	7	26.67	0.47	1.75	3.17	0.36	0.34	3.87
22	<i>Chrysosplenium adoxoides</i> (Griffith) Maximowicz	12	6.67	0.8	12	0.79	0.61	2.33	3.73
23	<i>Tripterispermum volubile</i> (D. Don) Hara	8	20	0.53	2.67	2.38	0.41	0.52	3.31
24	<i>Anemone polyanthes</i> D. Don	10	6.67	0.67	10	0.79	0.51	1.94	3.24
25	<i>Anemone obtusiloba</i> D. Don	5	13.33	0.33	2.5	1.59	0.26	0.48	2.33
26	<i>Dichocarpum aniantifolium</i> (Hook. f. & Thomson) Wang & Hsiao	6	6.67	0.4	6	0.79	0.31	1.16	2.26

Table 9 continued..

27	<i>Zeuxine</i> sp	6	6.67	0.4	6	0.79	0.31	1.16	2.26
28	<i>Polygonatum verticellatum</i> (L.) Allioni	4	13.33	0.27	2	1.59	0.2	0.39	2.18
29	<i>Cotoneaster sandkphuensis</i> Klotz	5	6.67	0.33	5	0.79	0.26	0.97	2.02
30	<i>Holboellia latifolia</i> Wallich	2	13.33	0.13	1	1.59	0.1	0.19	1.88
31	<i>Rubia wallichiana</i> Decaisne	2	13.33	0.13	1	1.59	0.1	0.19	1.88
32	<i>Euonymus grandiflorus</i> Wallich	4	6.67	0.27	4	0.79	0.2	0.78	1.77
33	<i>Microstylis wallichii</i> Lindley	4	6.67	0.27	4	0.79	0.2	0.78	1.77
34	<i>Ajuga lobata</i> D. Don	3	6.67	0.2	3	0.79	0.15	0.58	1.53
35	<i>Didissandra lanuginosa</i> (DC.) C.B. Clarke	3	6.67	0.2	3	0.79	0.15	0.58	1.53
36	<i>Polygonatum hookeri</i> Baker	3	6.67	0.2	3	0.79	0.15	0.58	1.53
37	<i>Maianthemum oleraceum</i> (Baker) LaFrankie	3	6.67	0.2	3	0.79	0.15	0.58	1.53
38	<i>Swertia chirayta</i> (Roxburgh) Karsten	3	6.67	0.2	3	0.79	0.15	0.58	1.53
39	<i>Acer campbellii</i> Hiem	2	6.67	0.13	2	0.79	0.1	0.39	1.28
40	<i>Daphne bhoula</i> D. Don	2	6.67	0.13	2	0.79	0.1	0.39	1.28
41	<i>Maianthemum oleraceum</i> (Baker) LaFrankie	2	6.67	0.13	2	0.79	0.1	0.39	1.28
42	<i>Prenanthes burnoniana</i> Wallich ex DC.	2	6.67	0.13	2	0.79	0.1	0.39	1.28
43	<i>Ainsliaea aptera</i> DC.	1	6.67	0.07	1	0.79	0.05	0.19	1.04
44	<i>Anaphalis controta</i> Hook. f.	1	6.67	0.07	1	0.79	0.05	0.19	1.04
45	<i>Habenaria</i> sp	1	6.67	0.07	1	0.79	0.05	0.19	1.04
46	<i>Hedyscrum</i> sp	1	6.67	0.07	1	0.79	0.05	0.19	1.04
47	<i>Oreorchis micrantha</i> Lindley	1	6.67	0.07	1	0.79	0.05	0.19	1.04
48	<i>Rosa sericea</i> Lindley	1	6.67	0.07	1	0.79	0.05	0.19	1.04
49	<i>Spathoglottis ixiodes</i> (D. Don) Lindley	1	6.67	0.07	1	0.79	0.05	0.19	1.04

Table 10: Sub-Alpine Scrub

Sl. No.	Name	TC	F	D	A	RF	RD	RA	IVI
1	<i>Iris clarkei</i> Hook. f.	619	65.91	14.07	21.34	4.92	12.89	4.55	22.36
2	<i>Saxifraga gageana</i> W.W. Smith	596	77.27	13.55	17.53	5.77	12.41	3.74	21.92
3	<i>Fragaria nubicola</i> (Hook. f.) Lacaita	544	65.91	12.36	18.76	4.92	11.33	4	20.25
4	<i>Pimpinella diversifolia</i> DC.	255	70.45	5.8	8.23	5.26	5.31	1.75	12.33
5	<i>Potentilla fulgens</i> Hook.	237	75	5.39	7.18	5.6	4.94	1.53	12.07
6	<i>Anaphalis triplinervis</i> (Sims) C.B. Clarke	222	45.45	5.05	11.1	3.4	4.62	2.37	10.38
7	<i>Aconogonon campanalutam</i> (Hook. f.) Hara	181	65.91	4.11	6.24	4.92	3.77	1.33	10.02
8	<i>Viola hookeri</i> Thomson	208	43.18	4.73	10.95	3.23	4.33	2.33	9.89
9	<i>Maianthemum oleraceum</i> (Baker) LaFrankie	62	4.55	1.41	31	0.34	1.29	6.61	8.24
10	<i>Aconitum violaceum</i> Jacquemont ex Stapf	92	56.82	2.09	3.68	4.24	1.92	0.78	6.94
11	<i>Cerastrium glomeratum</i> Thuillier	92	11.36	2.09	18.4	0.85	1.92	3.92	6.69
12	<i>Cremanthodium</i> sp	81	9.09	1.84	20.25	0.68	1.69	4.32	6.68
13	<i>Ligularia fischeri</i> (Ledeb.) Turczaninov	56	59.09	1.27	2.15	4.41	1.17	0.46	6.04
14	<i>Carex</i> sp	81	11.36	1.84	16.2	0.85	1.69	3.45	5.99
15	<i>Hemiphragma heterophyllum</i> Wallich	100	29.55	2.27	7.69	2.21	2.08	1.64	5.93
16	<i>Arisaema griffithii</i> Schott	65	52.27	1.48	2.83	3.9	1.35	0.6	5.86
17	<i>Gaultheria nummularioides</i> D. Don	88	18.18	2	11	1.36	1.83	2.34	5.54
18	<i>Myriactis nepalensis</i> Less	85	34.09	1.93	5.67	2.55	1.77	1.21	5.52
19	<i>Pilea</i> sp	85	25	1.93	7.73	1.87	1.77	1.65	5.28
20	<i>Anaphalis margaritacea</i> (L.) Benthams & Hook. f.	59	9.09	1.34	14.75	0.68	1.23	3.14	5.05
21	<i>Rubus calycinus</i> D. Don	70	15.91	1.59	10	1.19	1.46	2.13	4.78
22	<i>Fragaria daltoniana</i> Gay	55	11.36	1.25	11	0.85	1.15	2.34	4.34
23	<i>Peracarpa carnosus</i> (Wallich) Hook. f. & Thomson	56	13.64	1.27	9.33	1.02	1.17	1.99	4.17
24	<i>Poa annua</i> L.	51	11.36	1.16	10.2	0.85	1.06	2.17	4.08
25	<i>Tiarella polyphylla</i> D. Don	54	15.91	1.23	7.71	1.19	1.12	1.64	3.96
26	<i>Polygonum runcinatum</i> D. Don	52	15.91	1.18	7.43	1.19	1.08	1.58	3.85
27	<i>Arisaema</i> sp	39	31.82	0.89	2.79	2.38	0.81	0.59	3.78
28	<i>Viola sikkimensis</i> Becker	46	13.64	1.05	7.67	1.02	0.96	1.63	3.61

Table 10 continued..

29	<i>Ainsliaea aptera</i> DC.	46	18.18	1.05	5.75	1.36	0.96	1.23	3.54
30	<i>Persicaria chinensis</i> (L.) H. Gross	40	25	0.91	3.64	1.87	0.83	0.78	3.48
31	<i>Hypericum japonicum</i> Thunberg	38	11.36	0.86	7.6	0.85	0.79	1.62	3.26
32	<i>Viola serpens</i> Roxburgh	37	11.36	0.84	7.4	0.85	0.77	1.58	3.2
33	<i>Rubia wallichiana</i> Decaisne	26	25	0.59	2.36	1.87	0.54	0.5	2.91
34	<i>Cyperus</i> sp	20	4.55	0.45	10	0.34	0.42	2.13	2.89
35	<i>Habenaria</i> sp	30	20.45	0.68	3.33	1.53	0.62	0.71	2.86
36	<i>Viola biflora</i> L.	27	9.09	0.61	6.75	0.68	0.56	1.44	2.68
37	<i>Anemone rupicola</i> Cambessedes	18	4.55	0.41	9	0.34	0.37	1.92	2.63
38	<i>Pteris</i> sp	18	4.55	0.41	9	0.34	0.37	1.92	2.63
39	<i>Ajuga lobata</i> D. Don	24	18.18	0.55	3	1.36	0.5	0.64	2.5
40	<i>Panax pseudogensin</i> Wallich var <i>bipinnatifidus</i> (Seemann) Li.	23	9.09	0.52	5.75	0.68	0.48	1.23	2.38
41	<i>Fragaria rubiginosa</i> Lacaita	9	2.27	0.2	9	0.17	0.19	1.92	2.28
42	<i>Thalictrum cultratum</i> Wallich	19	11.36	0.43	3.8	0.85	0.4	0.81	2.05
43	<i>Swertia chirayta</i> (Roxburgh) Karsten	16	11.36	0.36	3.2	0.85	0.33	0.68	1.86
44	<i>Thalictrum virgatum</i> Hook. f. & Thomson	13	15.91	0.3	1.86	1.19	0.27	0.4	1.85
45	<i>Swertia bimaculata</i> (Siebold & Zuccarini) C.B. Clarke	14	6.82	0.32	4.67	0.51	0.29	0.99	1.8
46	<i>Halenia elliptica</i> D. Don	14	9.09	0.32	3.5	0.68	0.29	0.75	1.72
47	<i>Stellaria sikkimensis</i> Edgeworth & Hook. f.	13	6.82	0.3	4.33	0.51	0.27	0.92	1.7
48	<i>Ranunculus diffuses</i> DC.	11	13.64	0.25	1.83	1.02	0.23	0.39	1.64
49	<i>Panax pseudogensin</i> Wallich var <i>angustifolia</i> (Burkill) Li.	10	13.64	0.23	1.67	1.02	0.21	0.36	1.58
50	<i>Oxalis acetocella</i> L.	8	4.55	0.18	4	0.34	0.17	0.85	1.36
51	<i>Polygonatum verticellatum</i> (L.) Allioni	8	9.09	0.18	2	0.68	0.17	0.43	1.27
52	<i>Prenanthes burmoniana</i> Wallich ex DC.	8	9.09	0.18	2	0.68	0.17	0.43	1.27
53	<i>Lonicera hispida</i> Phallax ex Willdenow	8	6.82	0.18	2.67	0.51	0.17	0.57	1.24
54	<i>Notochaete hamosa</i> Benthham	6	11.36	0.14	1.2	0.85	0.12	0.26	1.23
55	<i>Holboellia latifolia</i> Wallich	7	4.55	0.16	3.5	0.34	0.15	0.75	1.23
56	<i>Swertia nervosa</i> (G. Don) C.B. Clarke	7	9.09	0.16	1.75	0.68	0.15	0.37	1.2
57	<i>Ophiopogon intermedius</i> D. Don	5	11.36	0.11	1	0.85	0.1	0.21	1.17
58	<i>Primula edgeworthii</i> (Hook. f.) Pax	6	9.09	0.14	1.5	0.68	0.12	0.32	1.12
59	<i>Aconogonon molle</i> (Meisner) Reichenbach	4	2.27	0.09	4	0.17	0.08	0.85	1.11
60	<i>Fragaria daltoniana</i> Gay	4	2.27	0.09	4	0.17	0.08	0.85	1.11
61	<i>Parochetus communis</i> D. Don	4	2.27	0.09	4	0.17	0.08	0.85	1.11
62	<i>Elatostema obtusum</i> Weddell	6	4.55	0.14	3	0.34	0.12	0.64	1.1
63	<i>Pedicularis furfuracea</i> Benthham	4	6.82	0.09	1.33	0.51	0.08	0.28	0.88
64	<i>Gentiana albicalyx</i> Burkill	3	2.27	0.07	3	0.17	0.06	0.64	0.87
65	<i>Aconitum novoluridum</i> Munz	3	6.82	0.07	1	0.51	0.06	0.21	0.78
66	<i>Lycopodium clavatum</i> L.	2	2.27	0.05	2	0.17	0.04	0.43	0.64
67	<i>Meconopsis napaulensis</i> DC.	2	4.55	0.05	1	0.34	0.04	0.21	0.59
68	<i>Anaphalis controta</i> Hook. f.	1	2.27	0.02	1	0.17	0.02	0.21	0.4
69	<i>Androsace sarmentosa</i> Wallich	1	2.27	0.02	1	0.17	0.02	0.21	0.4
70	<i>Gallium elegans</i> Roxburgh	1	2.27	0.02	1	0.17	0.02	0.21	0.4
71	<i>Paris polyphylla</i> Smith	1	2.27	0.02	1	0.17	0.02	0.21	0.4
72	<i>Sanicula elata</i> D. Don	1	2.27	0.02	1	0.17	0.02	0.21	0.4



**Table 11: Bamboo Brakes**

Sl. No.	Name	TC	F	D	A	RF	RD	RA	IVI
1	<i>Oplismenus burmanii</i> (Retzius) P. Beauvois	217	55	3.62	6.58	7.52	14.29	2.52	24.32
2	<i>Ageratum conyzoides</i> L.	123	6.67	2.05	30.75	0.91	8.1	11.77	20.77
3	<i>Dicanthium annulatum</i> (Forsskal) Stapf	145	35	2.42	6.9	4.78	9.55	2.64	16.97
4	<i>Dicliptera bupleuroides</i> Nees	100	40	1.67	4.17	5.47	6.58	1.59	13.64
5	<i>Youngia japonica</i> (L.) DC.	76	8.33	1.27	15.2	1.14	5	5.82	11.96
6	<i>Mikania micrantha</i> Kunth	69	46.67	1.15	2.46	6.38	4.54	0.94	11.86
7	<i>Persicaria chinensis</i> (L.) H. Gross	66	35	1.1	3.14	4.78	4.34	1.2	10.33
8	<i>Pronophrum nudatum</i> (Roxburgh) Chandra	48	28.33	0.8	2.82	3.87	3.16	1.08	8.11
9	<i>Storbilanthes sp</i>	47	25	0.78	3.13	3.42	3.09	1.2	7.71
10	<i>Pilea sp</i>	42	26.67	0.7	2.63	3.64	2.76	1	7.41
11	<i>Cyperus sp</i>	37	28.33	0.62	2.18	3.87	2.44	0.83	7.14
12	<i>Gnephalium purpureum</i> L.	15	1.67	0.25	15	0.23	0.99	5.74	6.95
13	<i>Achyranthes bidentata</i> Blume	36	16.67	0.6	3.6	2.28	2.37	1.38	6.03
14	<i>Commelina suffruticosa</i> Blume	30	21.67	0.5	2.31	2.96	1.97	0.88	5.82
15	<i>Duhaldea rubricaulis</i> (DC.) Anderberg	34	16.67	0.57	3.4	2.28	2.24	1.3	5.82
16	<i>Elatostema obtusum</i> Weddell	12	1.67	0.2	12	0.23	0.79	4.59	5.61
17	<i>Ageratum haustonianum</i> Miller	20	3.33	0.33	10	0.46	1.32	3.83	5.6
18	<i>Commelina suffruticosa</i> Blume	25	23.33	0.42	1.79	3.19	1.65	0.68	5.52
19	<i>Curculigo orchiioides</i> Gaertner	24	5	0.4	8	0.68	1.58	3.06	5.32
20	<i>Setaria plicata</i> (Lamaire) T. Cooke	24	21.67	0.4	1.85	2.96	1.58	0.71	5.25
21	<i>Elsholtzia sp</i>	10	1.67	0.17	10	0.23	0.66	3.83	4.71
22	<i>Polystichium lentum</i> (D. Don) Moore	20	11.67	0.33	2.86	1.59	1.32	1.09	4
23	<i>Oplismenus compositus</i> (L.) P. Beauvois	20	10	0.33	3.33	1.37	1.32	1.28	3.96
24	<i>Clerodendrum viscosum</i> Ventenat	17	11.67	0.28	2.43	1.59	1.12	0.93	3.64
25	<i>Amisotolype hookeri</i> (Hasskari) Hara	16	6.67	0.27	4	0.91	1.05	1.53	3.49
26	<i>Clematis buchanania</i> DC.	7	1.67	0.12	7	0.23	0.46	2.68	3.37
27	<i>Piper sylvaticum</i> Roxburgh	14	10	0.23	2.33	1.37	0.92	0.89	3.18
28	<i>Cyclea barbata</i> Miers	11	13.33	0.18	1.38	1.82	0.72	0.53	3.07
29	<i>Crassocephalum crepidioides</i> (Bentham) S. Moore	10	3.33	0.17	5	0.46	0.66	1.91	3.03
30	<i>Desmodium gangeticum</i> (L.) DC. .	13	8.33	0.22	2.6	1.14	0.86	0.99	2.99
31	<i>Scleria terrestris</i> (L.) Fassett	13	8.33	0.22	2.6	1.14	0.86	0.99	2.99
32	<i>Dumasia villosa</i> DC.	12	6.67	0.2	3	0.91	0.79	1.15	2.85
33	<i>Eupatorium odoratum</i> L.	11	10	0.18	1.83	1.37	0.72	0.7	2.79
34	<i>Blumea hieracifolia</i> (D. Don) DC.	10	10	0.17	1.67	1.37	0.66	0.64	2.66
35	<i>Hedychium ellipticum</i> Smith	9	10	0.15	1.5	1.37	0.59	0.57	2.53
36	<i>Anisomeles indica</i> (L.) Kuntze	9	8.33	0.15	1.8	1.14	0.59	0.69	2.42
37	<i>Tectaria polymorpha</i> (Wallich) Copel	8	8.33	0.13	1.6	1.14	0.53	0.61	2.28
38	<i>Brachystemma calycinum</i> D. Don	8	5	0.13	2.67	0.68	0.53	1.02	2.23
39	<i>Pupalia atropurpurea</i> (Lamarck) Moquin	4	1.67	0.07	4	0.23	0.26	1.53	2.02
40	<i>Natsiatum herpeticum</i> Arnott	6	8.33	0.1	1.2	1.14	0.39	0.46	1.99
41	<i>Abrus pulchellus</i> Thwaites	5	8.33	0.08	1	1.14	0.33	0.38	1.85
42	<i>Dioscorea hispida</i> Dennstaedt	5	8.33	0.08	1	1.14	0.33	0.38	1.85
43	<i>Dioscorea bulbifera</i> L.	5	6.67	0.08	1.25	0.91	0.33	0.48	1.72
44	<i>Pteris biaurita</i> L.	5	6.67	0.08	1.25	0.91	0.33	0.48	1.72
45	<i>Blumea wightiana</i> DC.	3	1.67	0.05	3	0.23	0.2	1.15	1.57
46	<i>Cynanchum corymbosum</i> Wight	3	1.67	0.05	3	0.23	0.2	1.15	1.57
47	<i>Nephrolepis cordifolia</i> (L.) Presl	3	1.67	0.05	3	0.23	0.2	1.15	1.57
48	<i>Thunbergia grandiflora</i> Roxburgh	3	1.67	0.05	3	0.23	0.2	1.15	1.57
49	<i>Urena lobata</i> L.	4	6.67	0.07	1	0.91	0.26	0.38	1.56
50	<i>Barleria cristata</i> L.	4	3.33	0.07	2	0.46	0.26	0.77	1.48
51	<i>Blumea lacera</i> (Burman f.) DC.	4	3.33	0.07	2	0.46	0.26	0.77	1.48
52	<i>Thunbergia mysorensis</i> Anderson ex Beddome	4	3.33	0.07	2	0.46	0.26	0.77	1.48
53	<i>Desmodium sp</i>	4	5	0.07	1.33	0.68	0.26	0.51	1.46
54	<i>Tetragium serrulatum</i> (Roxburgh) Planchon	4	5	0.07	1.33	0.68	0.26	0.51	1.46
55	<i>Gouania leptostachya</i> DC.	3	5	0.05	1	0.68	0.2	0.38	1.26

**Table 11 continued..**

56	<i>Rubia manjith</i> Roxburgh	3	5	0.05	1	0.68	0.2	0.38	1.26
57	<i>Vigna pilosa</i> (Willdenow) Baker	3	5	0.05	1	0.68	0.2	0.38	1.26
58	<i>Aspidopterys wallichii</i> Hook. f.	3	3.33	0.05	1.5	0.46	0.2	0.57	1.23
59	<i>Eupatorium adenophorum</i> Sprengel	2	1.67	0.03	2	0.23	0.13	0.77	1.12
60	<i>Rungia pectinata</i> (L.) Nees	2	1.67	0.03	2	0.23	0.13	0.77	1.12
61	<i>Stephania japonica</i> (Thunberg) Miers	2	1.67	0.03	2	0.23	0.13	0.77	1.12
62	<i>Thunbergia fragrans</i> Roxburgh	2	1.67	0.03	2	0.23	0.13	0.77	1.12
63	<i>Bidens pilosa</i> L.	2	3.33	0.03	1	0.46	0.13	0.38	0.97
64	<i>Stephania glabra</i> (Roxburgh) Miers	2	3.33	0.03	1	0.46	0.13	0.38	0.97
65	<i>Thladiantha cordifolia</i> (Blume) Cogniaux	2	3.33	0.03	1	0.46	0.13	0.38	0.97
66	<i>Arisaema speciosum</i> (Wallich) Martius	1	1.67	0.02	1	0.23	0.07	0.38	0.68
67	<i>Aristolochia saccata</i> Wallich	1	1.67	0.02	1	0.23	0.07	0.38	0.68
68	<i>Cissus assimica</i> (Lawson) Craib	1	1.67	0.02	1	0.23	0.07	0.38	0.68
69	<i>Curcuma aromatica</i> Salisbury	1	1.67	0.02	1	0.23	0.07	0.38	0.68
70	<i>Diplazium esculentum</i> (Retzius) Swartz	1	1.67	0.02	1	0.23	0.07	0.38	0.68
71	<i>Desmodium laxiflorum</i> DC.	1	1.67	0.02	1	0.23	0.07	0.38	0.68
72	<i>Ficus headrace</i> Roxburgh	1	1.67	0.02	1	0.23	0.07	0.38	0.68
73	<i>Hedyotis scandens</i> Roxburgh	1	1.67	0.02	1	0.23	0.07	0.38	0.68
74	<i>Lepidagathis incurva</i> D. Don	1	1.67	0.02	1	0.23	0.07	0.38	0.68
75	<i>Lygodium flexuosum</i> Swartz	1	1.67	0.02	1	0.23	0.07	0.38	0.68
76	<i>Ophiorrhiza</i> sp	1	1.67	0.02	1	0.23	0.07	0.38	0.68
77	<i>Oxalis comiculata</i> L.	1	1.67	0.02	1	0.23	0.07	0.38	0.68
78	<i>Piper pedicellatum</i> C. DC.	1	1.67	0.02	1	0.23	0.07	0.38	0.68
79	<i>Pouzolzia zeylenica</i> (L.) Bennet & Brown	1	1.67	0.02	1	0.23	0.07	0.38	0.68
80	Undetermined Orchid sp	1	1.67	0.02	1	0.23	0.07	0.38	0.68
81	<i>Smilax ovalifolia</i> Roxburgh	1	1.67	0.02	1	0.23	0.07	0.38	0.68
82	<i>Synedrella nodiflora</i> (L.) Gartner	1	1.67	0.02	1	0.23	0.07	0.38	0.68
83	<i>Triumfetta rhomboidea</i> Jacquin	1	1.67	0.02	1	0.23	0.07	0.38	0.68
84	<i>Tylophora belostemma</i> Benthham	1	1.67	0.02	1	0.23	0.07	0.38	0.68

**Table 12: Rhododendron Forests**

Sl. No.	Name	TC	F	D	A	RF	RD	RA	IVI
1	<i>Cyperus squarrosus</i> L.	267	84	10.68	12.71	10.66	15.73	2.09	28.49
2	<i>Fragaria rubiginosa</i> Lacaite	128	16	5.12	32	2.03	7.54	5.27	14.84
3	<i>Gaultheria nummularioides</i> D. Don	134	28	5.36	19.14	3.55	7.9	3.15	14.6
4	<i>Ranunculus ficariifolia</i> Leveille & Vanoit	50	4	2	50	0.51	2.95	8.24	11.69
5	<i>Peracarpa carnosus</i> (Wallich) Hook. f. & Thomson	78	28	3.12	11.14	3.55	4.6	1.84	9.98
6	<i>Pilea</i> sp	65	36	2.6	7.22	4.57	3.83	1.19	9.59
7	<i>Elatostema obtusum</i> Weddell	62	12	2.48	20.67	1.52	3.65	3.4	8.58
8	<i>Persicaria chinensis</i> (L.) H. Gross	64	16	2.56	16	2.03	3.77	2.64	8.44
9	<i>Tiarella polyphylla</i> D. Don	54	16	2.16	13.5	2.03	3.18	2.22	7.44
10	<i>Strobilanthes</i> sp	48	12	1.92	16	1.52	2.83	2.64	6.99
11	<i>Elatostema monandrum</i> (D. Don) Hara	42	8	1.68	21	1.02	2.47	3.46	6.95
12	<i>Ajuga lobata</i> D. Don	42	20	1.68	8.4	2.54	2.47	1.38	6.4
13	<i>Rubus calycinus</i> D. Don	37	24	1.48	6.17	3.05	2.18	1.02	6.24
14	<i>Rubus thomsonii</i> Focke	22	4	0.88	22	0.51	1.3	3.62	5.43
15	<i>Cyperus</i> sp	34	16	1.36	8.5	2.03	2	1.4	5.43
16	<i>Oxalis acetocella</i> L.	31	20	1.24	6.2	2.54	1.83	1.02	5.39
17	<i>Poa annua</i> L.	30	16	1.2	7.5	2.03	1.77	1.24	5.03
18	<i>Aconogonon campanalutam</i> (Hook. f.) Hara	28	8	1.12	14	1.02	1.65	2.31	4.97
19	<i>Cremanthodium</i> sp	26	8	1.04	13	1.02	1.53	2.14	4.69
20	<i>Ophiopogon intermedius</i> D. Don	13	28	0.52	1.86	3.55	0.77	0.31	4.63
21	<i>Persicaria chinensis</i> (L.) H. Gross	24	8	0.96	12	1.02	1.41	1.98	4.41
22	<i>Stellaria sikkimensis</i> Edgeworth & Hook. f.	17	4	0.68	17	0.51	1	2.8	4.31
23	<i>Viola serpens</i> Roxburgh	17	4	0.68	17	0.51	1	2.8	4.31

Table 12 continued..

24	<i>Viola hookeri</i> Thomson	19	20	0.76	3.8	2.54	1.12	0.63	4.28
25	<i>Primula scapigera</i> (Hook. f.) Craib	19	16	0.76	4.75	2.03	1.12	0.78	3.93
26	<i>Chamabainia cuspidata</i> Wight	15	4	0.6	15	0.51	0.88	2.47	3.86
27	<i>Primula scultyi</i> Craib	14	4	0.56	14	0.51	0.82	2.31	3.64
28	<i>Zeuxine</i> sp	14	4	0.56	14	0.51	0.82	2.31	3.64
29	<i>Hemiphragma heterophyllum</i> Wallich	18	8	0.72	9	1.02	1.06	1.48	3.56
30	<i>Anaphalis busua</i> (D. Don) DC.	16	12	0.64	5.33	1.52	0.94	0.88	3.34
31	<i>Anaphalis controta</i> Hook. f.	16	12	0.64	5.33	1.52	0.94	0.88	3.34
32	<i>Viola sikkimensis</i> Becker	16	8	0.64	8	1.02	0.94	1.32	3.28
33	<i>Tripterosperrum volubile</i> (D. Don) Hara	11	16	0.44	2.75	2.03	0.65	0.45	3.13
34	<i>Smilax minutiflora</i> A. DC	13	12	0.52	4.33	1.52	0.77	0.71	3
35	<i>Elatostema</i> sp	11	4	0.44	11	0.51	0.65	1.81	2.97
36	<i>Fragaria nubicola</i> (Hook. f.) Lacaíta	13	8	0.52	6.5	1.02	0.77	1.07	2.85
37	<i>Pteris</i> sp	11	12	0.44	3.67	1.52	0.65	0.6	2.77
38	<i>Actinodaphne sikkimensis</i> Meisner	10	4	0.4	10	0.51	0.59	1.65	2.74
39	<i>Droguelina diffusa</i>	9	4	0.36	9	0.51	0.53	1.48	2.52
40	<i>Duchesnea indica</i> (Andrews) Forke	9	4	0.36	9	0.51	0.53	1.48	2.52
41	<i>Chrysosplenium singalilensis</i> Hara	8	12	0.32	2.67	1.52	0.47	0.44	2.43
42	<i>Rubia manjith</i> Roxburgh	4	16	0.16	1	2.03	0.24	0.16	2.43
43	<i>Zeuxine glandulosa</i> King & Pantling	10	8	0.4	5	1.02	0.59	0.82	2.43
44	<i>Iris clarkei</i> Hook. f.	8	4	0.32	8	0.51	0.47	1.32	2.3
45	<i>Arisaema</i> sp	8	8	0.32	4	1.02	0.47	0.66	2.15
46	<i>Potentilla polyphylla</i> Lehmann	7	8	0.28	3.5	1.02	0.41	0.58	2
47	<i>Aconogonon molle</i> (Meisner) Reichenbach	6	8	0.24	3	1.02	0.35	0.49	1.86
48	<i>Gentiana pedicellata</i> (D. Don) Grisebach	6	8	0.24	3	1.02	0.35	0.49	1.86
49	<i>Myriactis nepalensis</i> Less	6	4	0.24	6	0.51	0.35	0.99	1.85
50	<i>Ranunculus vifuses</i> DC.	6	4	0.24	6	0.51	0.35	0.99	1.85
51	<i>Pimpinella tongloensis</i> Mukherjee	5	8	0.2	2.5	1.02	0.29	0.41	1.72
52	<i>Gaultheria nummularioides</i> D. Don	5	4	0.2	5	0.51	0.29	0.82	1.63
53	<i>Pimpinella diversifolia</i> DC.	5	4	0.2	5	0.51	0.29	0.82	1.63
54	<i>Potentilla peduncularis</i> D. Don	5	4	0.2	5	0.51	0.29	0.82	1.63
55	<i>Viola paravaginata</i> Hara	5	4	0.2	5	0.51	0.29	0.82	1.63
56	<i>Clematis montana</i> DC.	4	8	0.16	2	1.02	0.24	0.33	1.58
57	<i>Gallium elegans</i> Roxburgh	4	4	0.16	4	0.51	0.24	0.66	1.4
58	<i>Prenanthes burnoniana</i> Wallich ex DC.	4	4	0.16	4	0.51	0.24	0.66	1.4
59	<i>Swertia chirayita</i> (Roxburgh) Karsten	4	4	0.16	4	0.51	0.24	0.66	1.4
60	<i>Lycopodium clavatum</i> L.	3	4	0.12	3	0.51	0.18	0.49	1.18
61	<i>Microstylis wallichii</i> Lindley	3	4	0.12	3	0.51	0.18	0.49	1.18
62	<i>Parochetus communis</i> D. Don	3	4	0.12	3	0.51	0.18	0.49	1.18
63	<i>Potentilla fulgens</i> Hook.	3	4	0.12	3	0.51	0.18	0.49	1.18
64	<i>Aconitum violaceum</i> Jacquemont ex Stapf	2	4	0.08	2	0.51	0.12	0.33	0.95
65	<i>Cyperus pseudokyllingoides</i> Kuenthal	2	4	0.08	2	0.51	0.12	0.33	0.95
66	<i>Holboellia latifolia</i> Wallich	2	4	0.08	2	0.51	0.12	0.33	0.95
67	<i>Hypericum uralum</i> D. Don	2	4	0.08	2	0.51	0.12	0.33	0.95
68	<i>Lysimachia laxa</i> Baudo	2	4	0.08	2	0.51	0.12	0.33	0.95
69	<i>Oreorchis micrantha</i> Lindley	2	4	0.08	2	0.51	0.12	0.33	0.95
70	<i>Paris polyphylla</i> Smith	2	4	0.08	2	0.51	0.12	0.33	0.95
71	<i>Polygonatum cathcartii</i> Baker	2	4	0.08	2	0.51	0.12	0.33	0.95
72	<i>Taraxacum officinale</i> Wiggers	2	4	0.08	2	0.51	0.12	0.33	0.95
73	<i>Anaphalis margaritacea</i> (L.) Bentham & Hook. f.	1	4	0.04	1	0.51	0.06	0.16	0.73
74	<i>Arisaema griffithii</i> Schott	1	4	0.04	1	0.51	0.06	0.16	0.73
75	<i>Biswarea tonglensis</i> (C.B. Clarke) Cogniaux	1	4	0.04	1	0.51	0.06	0.16	0.73
76	<i>Crawfordia speciosa</i> Wallich	1	4	0.04	1	0.51	0.06	0.16	0.73
77	<i>Gentiana capitata</i> D. Don	1	4	0.04	1	0.51	0.06	0.16	0.73
78	<i>Lonicera hispida</i> Phallas ex Willdenow	1	4	0.04	1	0.51	0.06	0.16	0.73
79	<i>Plagogyria pycnophylla</i> (Kuntze) Mett.	1	4	0.04	1	0.51	0.06	0.16	0.73
80	<i>Rubus wardii</i> Merrill	1	4	0.04	1	0.51	0.06	0.16	0.73
81	<i>Thalictrum virgatum</i> Hook. f. & Thomson	1	4	0.04	1	0.51	0.06	0.16	0.73
82	<i>Viburnum erubescens</i> DC.	1	4	0.04	1	0.51	0.06	0.16	0.73

**Table 13: Open Scrub**

Sl. No.	Name	TC	F	D	A	RF	RD	RA	IVI
1	<i>Erigeron karvinskianus</i> DC.	476	60	47.6	79.33	3.39	17.72	15.41	36.52
2	<i>Chamabainia cuspidata</i> Wight	377	100	37.7	37.7	5.65	14.04	7.32	27.01
3	<i>Poa annua</i> L.	256	50	25.6	51.2	2.82	9.53	9.95	22.3
4	<i>Pouzolzia zeylenica</i> (L.) Bennet & Brown	252	100	25.2	25.2	5.65	9.38	4.89	19.93
5	<i>Hemiphragma heterophyllum</i> Wallich	201	80	20.1	25.13	4.52	7.48	4.88	16.88
6	<i>Polystichum lentum</i> (D. Don) Moore	146	60	14.6	24.33	3.39	5.44	4.73	13.55
7	<i>Clinopodium umbrosum</i> (Bieberstein) Koch	139	70	13.9	19.86	3.95	5.17	3.86	12.99
8	<i>Centella asiatica</i> (L.) Urban	116	90	11.6	12.89	5.08	4.32	2.5	11.91
9	<i>Cyperus</i> sp	101	80	10.1	12.63	4.52	3.76	2.45	10.73
10	<i>Cynodon dactylon</i> (L.) Presl	83	30	8.3	27.67	1.69	3.09	5.37	10.16
11	<i>Lysimachia japonica</i> Thunberg	55	70	5.5	7.86	3.95	2.05	1.53	7.53
12	<i>Stellaria sikkimensis</i> Edgeworth & Hook. f.	48	70	4.8	6.86	3.95	1.79	1.33	7.07
13	<i>Pratia begoniifolia</i> (Wallich) Lindley	51	60	5.1	8.5	3.39	1.9	1.65	6.94
14	<i>Imperata cylindrica</i> (L.) Rausch.	48	30	4.8	16	1.69	1.79	3.11	6.59
15	<i>Eschaene</i> sp	32	40	3.2	8	2.26	1.19	1.55	5.01
16	<i>Torenia cordifolia</i> Roxburgh	25	50	2.5	5	2.82	0.93	0.97	4.73
17	<i>Lycopodium clavatum</i> L.	18	60	1.8	3	3.39	0.67	0.58	4.64
18	<i>Anaphalis controta</i> Hook. f.	24	40	2.4	6	2.26	0.89	1.17	4.32
19	<i>Kyllinga monocephala</i> Rottboell	24	40	2.4	6	2.26	0.89	1.17	4.32
20	<i>Sonchus</i> sp	18	50	1.8	3.6	2.82	0.67	0.7	4.19
21	<i>Gallium elegans</i> Roxburgh	22	30	2.2	7.33	1.69	0.82	1.42	3.94
22	<i>Mitracarpus verticillatus</i> (Schumann & Thonn) Vatke	15	40	1.5	3.75	2.26	0.56	0.73	3.55
23	<i>Cyanotis vaga</i> (Loureiro) J.A. & J.H. Schultes	12	10	1.2	12	0.56	0.45	2.33	3.34
24	<i>Viola serpens</i> Roxburgh	12	40	1.2	3	2.26	0.45	0.58	3.29
25	<i>Commelina sikkimensis</i> C.B. Clarke	14	30	1.4	4.67	1.69	0.52	0.91	3.12
26	<i>Drymaria villosa</i> Chamisso & Schlechtendal	10	10	1	10	0.56	0.37	1.94	2.88
27	<i>Persicaria chinensis</i> (L.) H. Gross	11	20	1.1	5.5	1.13	0.41	1.07	2.61
28	<i>Gallium rotundifolium</i> L.	8	10	0.8	8	0.56	0.3	1.55	2.42
29	<i>Nepeta graciliflora</i> Kuntze	7	30	0.7	2.33	1.69	0.26	0.45	2.41
30	<i>Curculigo capitulata</i> (Loureiro) Kuntze	8	20	0.8	4	1.13	0.3	0.78	2.2
31	<i>Carex</i> sp	7	10	0.7	7	0.56	0.26	1.36	2.19
32	<i>Osbeckia stellata</i> Ker-Gawler	6	10	0.6	6	0.56	0.22	1.17	1.95
33	<i>Eupatorium adenophorum</i> Sprengel	6	20	0.6	3	1.13	0.22	0.58	1.94
34	<i>Brachiaria reptans</i> (L.) Gardner & Hubb.	5	10	0.5	5	0.56	0.19	0.97	1.72
35	<i>Polygonum runcinatum</i> D. Don	4	20	0.4	2	1.13	0.15	0.39	1.67
36	<i>Selaginella bisulcata</i> Spring	4	20	0.4	2	1.13	0.15	0.39	1.67
37	<i>Holboellia latifolia</i> Wallich	3	20	0.3	1.5	1.13	0.11	0.29	1.53
38	<i>Rubus calycinus</i> D. Don	4	10	0.4	4	0.56	0.15	0.78	1.49
39	<i>Scripus</i> sp	4	10	0.4	4	0.56	0.15	0.78	1.49
40	<i>Rubia manjith</i> Roxburgh	2	20	0.2	1	1.13	0.07	0.19	1.4
41	<i>Equisetum</i> sp	3	10	0.3	3	0.56	0.11	0.58	1.26
42	<i>Gallium sikkimense</i> Gandoger	3	10	0.3	3	0.56	0.11	0.58	1.26
43	<i>Gentiana capitata</i> D. Don	3	10	0.3	3	0.56	0.11	0.58	1.26
44	<i>Impatiens stenantha</i> Hook. f.	3	10	0.3	3	0.56	0.11	0.58	1.26
45	<i>Oxalis comiculata</i> L.	3	10	0.3	3	0.56	0.11	0.58	1.26
46	<i>Stephania</i> sp	3	10	0.3	3	0.56	0.11	0.58	1.26
47	<i>Anaphalis margaritacea</i> (L.) Bentham & Hook. f.	2	10	0.2	2	0.56	0.07	0.39	1.03
48	<i>Codonopsis inflata</i> Hook. f. & Thomson	2	10	0.2	2	0.56	0.07	0.39	1.03
49	<i>Myriactis nepalensis</i> Less	2	10	0.2	2	0.56	0.07	0.39	1.03
50	<i>Rubus ellipticus</i> Smith	2	10	0.2	2	0.56	0.07	0.39	1.03
51	<i>Rubus moluccanus</i> L.	2	10	0.2	2	0.56	0.07	0.39	1.03
52	<i>Clematis buchananiana</i> DC.	1	10	0.1	1	0.56	0.04	0.19	0.8
53	<i>Crasocephalum crepidioides</i> (Bentham) S. Moore	1	10	0.1	1	0.56	0.04	0.19	0.8

Table 13 continued..

54	<i>Ophioglossum</i> sp	1	10	0.1	1	0.56	0.04	0.19	0.8
55	<i>Ophiopogon intermedius</i> D. Don	1	10	0.1	1	0.56	0.04	0.19	0.8

Table 14: Teak plantation

Sl. No.	Name	TC	F	D	A	RF	RD	RA	IVI
1	<i>Globba racemosa</i> Smith	725	80	13.18	16.48	9.38	31.13	8.54	49.05
2	<i>Coffea bengalensis</i> Schultes	339	85.45	6.16	7.21	10.02	14.56	3.74	28.32
3	<i>Auxonopus compressus</i> (Swartz) P. Beauvois	143	43.64	2.6	5.96	5.12	6.14	3.09	14.35
4	<i>Elephantopus scaber</i> L.	117	18.18	2.13	11.7	2.13	5.02	6.07	13.22
5	<i>Thunbergia fragrans</i> Roxburgh	88	63.64	1.6	2.51	7.46	3.78	1.3	12.54
6	<i>Oplismenus burmanii</i> (Retzius) P. Beauvois	97	45.45	1.76	3.88	5.33	4.16	2.01	11.51
7	<i>Deeringia amaranthoides</i> Brown	77	49.09	1.4	2.85	5.76	3.31	1.48	10.54
8	<i>Curcuma aromatica</i> Salisbury	88	21.82	1.6	7.33	2.56	3.78	3.8	10.14
9	<i>Borreria alata</i> (AuBlume) DC.	72	32.73	1.31	4	3.84	3.09	2.07	9
10	<i>Pupalia atropurpurea</i> (Lamarck) Moquin	63	21.82	1.15	5.25	2.56	2.71	2.72	7.99
11	<i>Oplismenus compositus</i> (L.) P. Beauvois	51	23.64	0.93	3.92	2.77	2.19	2.03	7
12	<i>Dioscorea hispida</i> Dennstaedt	40	20	0.73	3.64	2.35	1.72	1.89	5.95
13	<i>Dicliptera bupleuroides</i> Nees	37	23.64	0.67	2.85	2.77	1.59	1.48	5.84
14	<i>Dioscorea bulbifera</i> L.	37	23.64	0.67	2.85	2.77	1.59	1.48	5.84
15	Undetermined	10	1.82	0.18	10	0.21	0.43	5.19	5.83
16	<i>Commelina benghalensis</i> L.	29	25.45	0.53	2.07	2.99	1.25	1.07	5.3
17	<i>Phyllanthus virgatus</i> Forster f.	24	7.27	0.44	6	0.85	1.03	3.11	4.99
18	<i>Sauropus quadrangularis</i> (Willdenow) Mueller	29	12.73	0.53	4.14	1.49	1.25	2.15	4.89
19	<i>Sauropus compressus</i> Mueller	21	21.82	0.38	1.75	2.56	0.9	0.91	4.37
20	<i>Dioscorea prazeri</i> Prain & Burkill	22	16.36	0.4	2.44	1.92	0.94	1.27	4.13
21	<i>Phyllanthus reticulatus</i> Poirlet	21	16.36	0.38	2.33	1.92	0.9	1.21	4.03
22	<i>Zingiber</i> sp	15	5.45	0.27	5	0.64	0.64	2.59	3.88
23	<i>Cheilanthes farinosa</i> (Forsskal) Kauf.	5	1.82	0.09	5	0.21	0.21	2.59	3.02
24	<i>Oplismenus compositus</i> (L.) P. Beauvois	5	1.82	0.09	5	0.21	0.21	2.59	3.02
25	<i>Strobilanthes divaricata</i> (Nees) Anderson	11	5.45	0.2	3.67	0.64	0.47	1.9	3.01
26	<i>Mikania micrantha</i> Kunth	12	10.91	0.22	2	1.28	0.52	1.04	2.83
27	<i>Vallis solanacea</i> (Roth) Kuntze	12	10.91	0.22	2	1.28	0.52	1.04	2.83
28	<i>Piper sylvaticum</i> Roxburgh	10	5.45	0.18	3.33	0.64	0.43	1.73	2.8
29	<i>Barleria strigosa</i> Willdenow	11	7.27	0.2	2.75	0.85	0.47	1.43	2.75
30	<i>Dioscorea pentaphylla</i> L.	11	7.27	0.2	2.75	0.85	0.47	1.43	2.75
31	<i>Triumfetta rhomboidea</i> Jacquin	11	9.09	0.2	2.2	1.07	0.47	1.14	2.68
32	<i>Eupatorium odoratum</i> L.	7	5.45	0.13	2.33	0.64	0.3	1.21	2.15
33	<i>Cyperus cyperoides</i> (Retzius) Kuntze	7	9.09	0.13	1.4	1.07	0.3	0.73	2.09
34	<i>Natsiatum herpeticum</i> Arnott	7	7.27	0.13	1.75	0.85	0.3	0.91	2.06
35	<i>Ageratum conyzoides</i> L.	5	3.64	0.09	2.5	0.43	0.21	1.3	1.94
36	<i>Paderia foetida</i> L.	3	1.82	0.05	3	0.21	0.13	1.56	1.9
37	<i>Strobilanthes</i> sp	3	1.82	0.05	3	0.21	0.13	1.56	1.9
38	<i>Abrus pulchellus</i> Thwaites	5	7.27	0.09	1.25	0.85	0.21	0.65	1.72
39	<i>Cyclea barbata</i> Miers	5	7.27	0.09	1.25	0.85	0.21	0.65	1.72
40	<i>Aspidopterys wallichii</i> Hook. f.	4	3.64	0.07	2	0.43	0.17	1.04	1.64
41	<i>Dioscorea sikkimensis</i> Prain & Burkill	2	1.82	0.04	2	0.21	0.09	1.04	1.34
42	<i>Nelsonia</i> sp	2	1.82	0.04	2	0.21	0.09	1.04	1.34
43	<i>Desmodium heterocarpon</i> (L.) DC.	3	3.64	0.05	1.5	0.43	0.13	0.78	1.33
44	<i>Ampelocissus sikkimensis</i> (Lawson) Planchon	3	5.45	0.05	1	0.64	0.13	0.52	1.29
45	<i>Chlorophytum comosum</i> (Thunberg) Jacques	3	5.45	0.05	1	0.64	0.13	0.52	1.29
46	<i>Costus speciosus</i> (J. Koenig) Smith	3	5.45	0.05	1	0.64	0.13	0.52	1.29
47	<i>Lygodium flexuosum</i> Swartz	3	5.45	0.05	1	0.64	0.13	0.52	1.29
48	<i>Anisomeles indica</i> (L.) Kuntze	2	3.64	0.04	1	0.43	0.09	0.52	1.03

Table 14 continued..

49	<i>Baliospermum montanum</i> (Willdenow) Mueller	2	3.64	0.04	1	0.43	0.09	0.52	1.03
50	<i>Dioscorea pubera</i> Blume	2	3.64	0.04	1	0.43	0.09	0.52	1.03
51	<i>Gouania leptostachya</i> DC.	2	3.64	0.04	1	0.43	0.09	0.52	1.03
52	<i>Hemidesmus indicus</i> (L.) Schultes	2	3.64	0.04	1	0.43	0.09	0.52	1.03
53	<i>Polygala glomerata</i> Loureiro	2	3.64	0.04	1	0.43	0.09	0.52	1.03
54	<i>Sida acuta</i> Burman f.	2	3.64	0.04	1	0.43	0.09	0.52	1.03
55	<i>Synedrella nodiflora</i> (L.) Gaertner	2	3.64	0.04	1	0.43	0.09	0.52	1.03
56	<i>Vernonia cinerea</i> (L.) Less.	2	3.64	0.04	1	0.43	0.09	0.52	1.03
57	<i>Achyroserpnum wallichiana</i> Benth	1	1.82	0.02	1	0.21	0.04	0.52	0.77
58	<i>Arisaema speciosum</i> (Wallich) Martius	1	1.82	0.02	1	0.21	0.04	0.52	0.77
59	<i>Biophytum reinwardtii</i> (Zuccarini) Klotzsch	1	1.82	0.02	1	0.21	0.04	0.52	0.77
60	<i>Calanthe sp</i>	1	1.82	0.02	1	0.21	0.04	0.52	0.77
61	<i>Clerodendrum viscosum</i> Ventenat	1	1.82	0.02	1	0.21	0.04	0.52	0.77
62	<i>Commelina sp</i>	1	1.82	0.02	1	0.21	0.04	0.52	0.77
63	<i>Parabaena sagitata</i> Hook. f. & Thomson	1	1.82	0.02	1	0.21	0.04	0.52	0.77
64	<i>Daedlacanthus splendens</i> Anderson	1	1.82	0.02	1	0.21	0.04	0.52	0.77
65	<i>Dioscorea alata</i> L.	1	1.82	0.02	1	0.21	0.04	0.52	0.77
66	<i>Rhapidophora callophylla</i> Schott	1	1.82	0.02	1	0.21	0.04	0.52	0.77
67	<i>Strobilanthes sp</i>	1	1.82	0.02	1	0.21	0.04	0.52	0.77
68	<i>Urena lobata</i> L.	1	1.82	0.02	1	0.21	0.04	0.52	0.77
69	<i>Vigna pilosa</i> (Willdenow) Baker	1	1.82	0.02	1	0.21	0.04	0.52	0.77

Table 15: *Cryptomeria* Plantation

Sl. No.	Name	TC	F	D	A	RF	RD	RA	IVI
1	<i>Elatostema sessilis</i> Forster	195	25	9.75	39	3.21	15.08	8.33	26.61
2	<i>Oplismenus compositus</i> (L.) P. Beauvois	110	20	5.5	27.5	2.56	8.51	5.87	16.94
3	<i>Cyperus cyperoides</i> (Retzius) Kuntze	106	45	5.3	11.78	5.77	8.2	2.51	16.48
4	<i>Oplismenus burmanii</i> (Retzius) P. Beauvois	76	40	3.8	9.5	5.13	5.88	2.03	13.03
5	<i>Eupatorium adenophorum</i> Sprengel	77	25	3.85	15.4	3.21	5.96	3.29	12.45
6	<i>Nepeta gracilliflora</i> Kuntze	35	5	1.75	35	0.64	2.71	7.47	10.82
7	<i>Viola sp</i>	57	25	2.85	11.4	3.21	4.41	2.43	10.05
8	<i>Pilea sp.</i>	51	35	2.55	7.29	4.49	3.94	1.56	9.99
9	<i>Persicaria chinensis</i> (L.) H. Gross	33	40	1.65	4.13	5.13	2.55	0.88	8.56
10	<i>Hemiphragma heterophyllum</i> Wallich	39	10	1.95	19.5	1.28	3.02	4.16	8.46
11	<i>Gentiana pedicellata</i> (D. Don) Grisebach	35	20	1.75	8.75	2.56	2.71	1.87	7.14
12	<i>Viola sikkimensis</i> Becker	35	15	1.75	11.67	1.92	2.71	2.49	7.12
13	<i>Ainsliaea pteropoda</i> DC. var <i>effusa</i>	31	15	1.55	10.33	1.92	2.4	2.21	6.53
14	<i>Viola canescens</i> Roxburgh	27	15	1.35	9	1.92	2.09	1.92	5.93
15	<i>Gallium sp</i>	18	5	0.9	18	0.64	1.39	3.84	5.88
16	<i>Selaginella biformis</i>	23	15	1.15	7.67	1.92	1.78	1.64	5.34
17	<i>Anaphalis controtroa</i> Hook. f.	20	15	1	6.67	1.92	1.55	1.42	4.89
18	<i>Persicaria sp</i>	17	20	0.85	4.25	2.56	1.31	0.91	4.79
19	<i>Swertia chirayita</i> (Roxburgh) Karsten	18	15	0.9	6	1.92	1.39	1.28	4.6
20	<i>Centella asiatica</i> (L.) Urban	16	15	0.8	5.33	1.92	1.24	1.14	4.3
21	<i>Gallium elegans</i> Roxburgh	16	10	0.8	8	1.28	1.24	1.71	4.23
22	<i>Rubia manjith</i> Roxburgh	13	10	0.65	6.5	1.28	1.01	1.39	3.68
23	<i>Ophiopogon intermedius</i> D. Don	8	20	0.4	2	2.56	0.62	0.43	3.61
24	<i>Clinopodium umbrosum</i> (Bieberstein) Koch	10	5	0.5	10	0.64	0.77	2.14	3.55
25	<i>Selaginella bisulcata</i> Spring	10	5	0.5	10	0.64	0.77	2.14	3.55
26	<i>Impatiens sp</i>	9	5	0.45	9	0.64	0.7	1.92	3.26
27	<i>Elatostema rupestre</i> (D. Don) Weddell	9	15	0.45	3	1.92	0.7	0.64	3.26
28	<i>Eisholtzia blanda</i> (Benth) Benth	10	10	0.5	5	1.28	0.77	1.07	3.12
29	<i>Oxalis corniculata</i> L.	10	10	0.5	5	1.28	0.77	1.07	3.12
30	<i>Prenanthes burnoniana</i> Wallich ex DC.	7	15	0.35	2.33	1.92	0.54	0.5	2.96
31	<i>Paris polyphylla</i> Smith	6	15	0.3	2	1.92	0.46	0.43	2.81

Table 15 continued..

32	<i>Pteris sp</i>	7	5	0.35	7	0.64	0.54	1.49	2.68
33	<i>Notochaete hamosa</i> Benth	7	5	0.35	7	0.64	0.54	1.49	2.68
34	<i>Dryopteris sikkimensis</i>	7	10	0.35	3.5	1.28	0.54	0.75	2.57
35	<i>Pilea bracteosa</i> Weddell	4	15	0.2	1.33	1.92	0.31	0.28	2.52
36	<i>Eshatenei algans</i>	6	5	0.3	6	0.64	0.46	1.28	2.39
37	<i>Anaphalis triplinervis</i> (Sims) C.B. Clarke	6	5	0.3	6	0.64	0.46	1.28	2.39
38	<i>Chamabainia cuspidata</i> Wight	6	10	0.3	3	1.28	0.46	0.64	2.39
39	<i>Smilax minutiflora</i> A. DC.	3	15	0.15	1	1.92	0.23	0.21	2.37
40	<i>Tupistra nutans</i> Wallich	5	5	0.25	5	0.64	0.39	1.07	2.1
41	<i>Clematis buchanaiana</i> DC.	4	10	0.2	2	1.28	0.31	0.43	2.02
42	<i>Peracarpa carnosa</i> (Wallich) Hook. f. & Thomson	4	10	0.2	2	1.28	0.31	0.43	2.02
43	<i>Astilbe rivularis</i> D. Don	3	10	0.15	1.5	1.28	0.23	0.32	1.83
44	<i>Euonymus echinatus</i> Wallich	3	10	0.15	1.5	1.28	0.23	0.32	1.83
45	<i>Hydrangea anamola</i> D. Don	4	5	0.2	4	0.64	0.31	0.85	1.8
46	<i>Swertia bimaculata</i> (Siebold & Zuccarini) C.B. Clarke	2	10	0.1	1	1.28	0.15	0.21	1.65
47	<i>Euonymus theifolius</i> Lawson	3	5	0.15	3	0.64	0.23	0.64	1.51
48	<i>Gallium hirtiflorum</i> DC.	3	5	0.15	3	0.64	0.23	0.64	1.51
49	<i>Gentiana capitata</i> D. Don	3	5	0.15	3	0.64	0.23	0.64	1.51
50	<i>Smilax sp</i>	3	5	0.15	3	0.64	0.23	0.64	1.51
51	<i>Begonia cathcartii</i> Hook. f.	2	5	0.1	2	0.64	0.15	0.43	1.22
52	<i>Gymnostemma pentaphylla</i> (Thunberg) Makino	2	5	0.1	2	0.64	0.15	0.43	1.22
53	<i>Hypericum sp</i>	2	5	0.1	2	0.64	0.15	0.43	1.22
54	<i>Stephania japonica</i> (Thunberg) Miers	2	5	0.1	2	0.64	0.15	0.43	1.22
55	<i>Asystasia macrocarpa</i> Nees	1	5	0.05	1	0.64	0.08	0.21	0.93
56	<i>Boenninghausenia albiflora</i> Reichenbach	1	5	0.05	1	0.64	0.08	0.21	0.93
57	<i>Cayratia japonica</i> (Thunberg) Gagnepain	1	5	0.05	1	0.64	0.08	0.21	0.93
58	<i>Duchesnea indica</i> (Andrews) Forke	1	5	0.05	1	0.64	0.08	0.21	0.93
59	<i>Fragaria nubicola</i> (Hook. f.) Lacaite	1	5	0.05	1	0.64	0.08	0.21	0.93
60	<i>Ranunculus sp</i>	1	5	0.05	1	0.64	0.08	0.21	0.93
61	<i>Thunbergia lutea</i> Anderson	1	5	0.05	1	0.64	0.08	0.21	0.93

Table 16: Degraded Forests

Sl. No.	Name	TC	F	D	A	RF	RD	RA	IVI
1	<i>Dicanthium annulatum</i> (Forsskal) Stapf	160	62.86	4.57	7.27	9.24	22.6	5.49	37.33
2	<i>Strobilanthes auriculata</i> Nees	50	57.14	1.43	2.5	8.4	7.06	1.89	17.35
3	<i>Dicliptera bupleuroides</i> Nees	52	45.71	1.49	3.25	6.72	7.34	2.45	16.52
4	<i>Oplismenus compositus</i> (L.) P. Beauvois	49	28.57	1.4	4.9	4.2	6.92	3.7	14.82
5	<i>Barleria cristata</i> L.	38	34.29	1.09	3.17	5.04	5.37	2.39	12.8
6	<i>Digitaria sp</i>	31	11.43	0.89	7.75	1.68	4.38	5.85	11.9
7	<i>Thunbergia fragrans</i> Roxburgh	25	48.57	0.71	1.47	7.14	3.53	1.11	11.78
8	<i>Sauropus androgynous</i> (L.) Merrill	30	34.29	0.86	2.5	5.04	4.24	1.89	11.16
9	<i>Barleria strigosa</i> Willdenow	23	17.14	0.66	3.83	2.52	3.25	2.89	8.66
10	<i>Clerodendrum viscosum</i> Ventenat	20	28.57	0.57	2	4.2	2.82	1.51	8.54
11	<i>Commelina suffruticosa</i> Blume	22	20	0.63	3.14	2.94	3.11	2.37	8.42
12	<i>Pronephrium nudatum</i> (Roxburgh) Chandra	17	20	0.49	2.43	2.94	2.4	1.83	7.17
13	<i>Sauropus compressus</i> Mueller	17	17.14	0.49	2.83	2.52	2.4	2.14	7.06
14	<i>Oplismenus burmanii</i> (Retzius) P. Beauvois	14	8.57	0.4	4.67	1.26	1.98	3.52	6.76
15	<i>Setaria plicata</i> (Lam.) T. Cooke	14	17.14	0.4	2.33	2.52	1.98	1.76	6.26
16	<i>Daedalacanthus splendens</i> Anderson	13	14.29	0.37	2.6	2.1	1.84	1.96	5.9
17	<i>Pteridium sp</i>	6	2.86	0.17	6	0.42	0.85	4.53	5.79
18	<i>Eupatorium odoratum</i> L.	10	17.14	0.29	1.67	2.52	1.41	1.26	5.19
19	<i>Tylophora belostemma</i> Benth	10	8.57	0.29	3.33	1.26	1.41	2.51	5.19
20	<i>Mikania micrantha</i> Kunth	9	17.14	0.26	1.5	2.52	1.27	1.13	4.92



**Table 16 continued..**

21	<i>Aspidopterys wallichii</i> Hook. f.	7	14.29	0.2	1.4	2.1	0.99	1.06	4.15
22	<i>Curculigo capitulata</i> (Loureiro) Kuntze	7	8.57	0.2	2.33	1.26	0.99	1.76	4.01
23	<i>Achyranthes bidentata</i> Blume	4	2.86	0.11	4	0.42	0.56	3.02	4
24	<i>Blumea</i> sp	4	2.86	0.11	4	0.42	0.56	3.02	4
25	<i>Carex stramentitia</i> Boott ex Boeckeler	4	2.86	0.11	4	0.42	0.56	3.02	4
26	<i>Desmodium laxiflorum</i> DC.	4	2.86	0.11	4	0.42	0.56	3.02	4
27	<i>Paderia foetida</i> L.	4	2.86	0.11	4	0.42	0.56	3.02	4
28	<i>Urena lobata</i> L.	6	14.29	0.17	1.2	2.1	0.85	0.91	3.85
29	<i>Scleria terrestris</i> (L.) Fassett	5	5.71	0.14	2.5	0.84	0.71	1.89	3.43
30	<i>Anisomeles indica</i> (L.) Kuntze	5	8.57	0.14	1.67	1.26	0.71	1.26	3.22
31	<i>Cheilanthes farinosa</i> (Forsk.) Kaulf.	4	5.71	0.11	2	0.84	0.56	1.51	2.91
32	<i>Curculigo orchoides</i> Gaertner	4	5.71	0.11	2	0.84	0.56	1.51	2.91
33	<i>Pupalia atropurpurea</i> (Lamarck) Moquin	4	8.57	0.11	1.33	1.26	0.56	1.01	2.83
34	<i>Lygodium flexuosus</i> Swartz	3	8.57	0.09	1	1.26	0.42	0.75	2.44
35	<i>Cyclea barbata</i> Miers	2	2.86	0.06	2	0.42	0.28	1.51	2.21
36	<i>Cyperus</i> sp	2	2.86	0.06	2	0.42	0.28	1.51	2.21
37	<i>Dioscorea bulbifera</i> L.	2	2.86	0.06	2	0.42	0.28	1.51	2.21
38	<i>Gouania leptostachya</i> DC.	2	2.86	0.06	2	0.42	0.28	1.51	2.21
39	<i>Mitracarpus verticillatus</i> (Schumann & Thonn) Vatke	2	2.86	0.06	2	0.42	0.28	1.51	2.21
40	<i>Phyllanthus reticulatus</i> Poirlet	2	2.86	0.06	2	0.42	0.28	1.51	2.21
41	<i>Pteris biaurita</i> L.	2	2.86	0.06	2	0.42	0.28	1.51	2.21
42	<i>Commelina benghalensis</i> L.	2	5.71	0.06	1	0.84	0.28	0.75	1.88
43	<i>Desmodium gangeticum</i> (L.) DC.	2	5.71	0.06	1	0.84	0.28	0.75	1.88
44	<i>Desmodium motorium</i> (Houttyn) Merrill	2	5.71	0.06	1	0.84	0.28	0.75	1.88
45	<i>Natsiatum herpeticum</i> Arnott	2	5.71	0.06	1	0.84	0.28	0.75	1.88
46	<i>Parabaena sagittata</i> Hook. f. & Thomson	2	5.71	0.06	1	0.84	0.28	0.75	1.88
47	<i>Blumea bifoliata</i> (L.) DC.	1	2.86	0.03	1	0.42	0.14	0.75	1.32
48	<i>Chlorophytum comosum</i> (Thunberg) Jacques	1	2.86	0.03	1	0.42	0.14	0.75	1.32
49	<i>Cryptolepis sinensis</i> (Loureiro) Merrill	1	2.86	0.03	1	0.42	0.14	0.75	1.32
50	<i>Duhaldea rubricaulis</i> (DC.) Anderberg	1	2.86	0.03	1	0.42	0.14	0.75	1.32
51	<i>Orchid</i>	1	2.86	0.03	1	0.42	0.14	0.75	1.32
52	<i>Piper sylvaticum</i> Roxburgh	1	2.86	0.03	1	0.42	0.14	0.75	1.32
53	<i>Persicaria chinensis</i> (L.) H. Gross	1	2.86	0.03	1	0.42	0.14	0.75	1.32
54	<i>Sida acuta</i> Burman f.	1	2.86	0.03	1	0.42	0.14	0.75	1.32
55	<i>Stemona tuberosa</i> Loureiro	1	2.86	0.03	1	0.42	0.14	0.75	1.32

## Annexure IV

### List of Endemic species with their habit and distribution in Darjiling Hills

Sl. No.	Species name	Habit	Forest type distribution
1	<i>Acer hookeri</i> Miquel	Tree	TBL
2	<i>Acer thomsonii</i> Miquel	Tree	STBL
3	<i>Actinodaphne angustifolia</i> (Blume) Nees	Tree	TSE
4	<i>Actinodaphne longipes</i> Kostermans	Tree	TBL, CP
5	<i>Actinodaphne sikkimensis</i> Meisner	Tree	WT, Rho, HS, CP, DeG
6	<i>Aeschynanthus gracilis</i> Parish ex Clarke	Epiphytic herb	MMD, STBL, HS
7	<i>Aeschynanthus sikkimensis</i> Stapf	Epiphytic herb	STBL, TBL, BB, AIn, Deg
8	<i>Agapetes serpens</i> (Wight) Sleumer	Epiphytic herb	TBL, WT, Con, Rho, OS
9	<i>Aglaia spectabilis</i> (Miquel) Jain & Bennet	Tree	TSE, Riv
10	<i>Ailanthus integrifolia</i> Lamarck	Tree	MMD, STBL
11	<i>Ajuga macrosperma</i> Bentham	Herb	STBL
12	<i>Ampelocissus sikkimensis</i> (Lawson) Planchon	Climber	MMD, HS, Riv, TP
13	<i>Argyreia roxburghii</i> Choisy	Climber	TSE, TP
14	<i>Aristolochia platinifolia</i> (Klotzsch) Duchartre	Climber	STBL
15	<i>Baccurea ramiflora</i> Loureiro	Tree	MMD
16	<i>Baliospermum calycinum</i> Mueller	Shrub	HS
17	<i>Beaumontia grandiflora</i> Wallich	Climber	BB
18	<i>Begonia gemmipara</i> Hook.f.	Herb	WT, Con
19	<i>Begonia hatacoa</i> D.Don	Herb	WT
20	<i>Begonia sikkimensis</i> A. DC.	Herb	WT
21	<i>Beilschmiedia dalzellii</i> (Meisner) Kostermans	Tree	TSE
22	<i>Berberis hookeri</i> Lemaire	Shrub	Con
23	<i>Berberis insignis</i> Hook. f. & Thomson	Shrub	WT, Con, SAS
24	<i>Biswarea tonglensis</i> (Clarke) Cogniaux	Climber	Rho
25	<i>Boehmeria glomerulifera</i> Miquel	Shrub	MMD, STBL, HS, BB, Deg, OS
26	<i>Brassaiopsis hispida</i> Seemann	Tree	MMD
27	<i>Calanthe brevicornu</i> Lindley	Herb	WT
28	<i>Callicarpa vestita</i> Wallich	Tree	TSE, HS, BB, Deg, OS
29	<i>Capparis olacifolia</i> Hook.f. & Thomson	Shrub	STBL, Riv, TP
30	<i>Carex teres</i> Boott	Herb	WT
31	<i>Casearia vareca</i> Roxburgh	Tree	Riv, Deg, OS
32	<i>Castanopsis lanceifolia</i> (Roxburgh) Hickel & Camus	Tree	STBL, HS, BB
33	<i>Cayratia geniculata</i> (Blume) Gagnepain	Climber	STBL
34	<i>Cayratia japonica</i> (Thunberg) Gagnepain	Climber	MMD, TSE, STBL, HS
35	<i>Ceropegia longifolia</i> Wallich	Climber	MMD, TBL, WT
36	<i>Chrysosplenium singalilensis</i> Hara	Herb	Rho
37	<i>Cinnamomum glaucescens</i> (Nees) Drury	Tree	TSE
38	<i>Clematis acuminata</i> DC.	Climber	TSE, WT
39	<i>Commelina sikkimensis</i> Clarke	Herb	MMD, TSE, TBL, WT, OS
40	<i>Cotoneaster sandkphuensis</i> Klotz	Shrub	Con
41	<i>Cryptocarya amygdalina</i> Nees	Tree	MMD, TSE
42	<i>Cyathea spinulosa</i> Wallich ex Hooker	Tree	OS
43	<i>Daphne bhohua</i> D.Don var <i>glacialis</i> (Smith & Cave) Burt	Shrub	TBL, WT, Con, Rho
44	<i>Dichocarpum aniantifolium</i> (Hook. f. & Thomson) Wang & Hsiao	Herb	Con
45	<i>Dittoceras andersonii</i> Hook. f.	Shrub	HS
46	<i>Dobenia vulgaris</i> D. Don	Shrub	WT, OS
47	<i>Dodecadenia grandiflora</i> Nees	Tree	TBL
48	<i>Elaeocarpus sikkimensis</i> Masters	Tree	CP
49	<i>Elatostema subincisum</i> Weddell	Herb	WT
50	<i>Enkianthus deflexus</i> (Griffith) Schneider	Tree	WT, Rho
51	<i>Eria discolor</i> Lindley	Epiphytic herb	Deg
52	<i>Fragaria daltoniana</i> Gay	Herb	TBL, SAS

*Annexure IV continued..*

53	<i>Garuga floribunda</i> Decaisne	Tree	MMD
54	<i>Genitana bryoides</i> Burkill	Herb	TBL
55	<i>Gynocardia odorata</i> R. Brown	Tree	MMD, STBL, HS, BB, Deg
56	<i>Heracleum nepalense</i> D. Don	Herb	Con
57	<i>Holboellia latifolia</i> Wallich	Climber	TB, WT, Con, Rho, SAS, CP, OS
58	<i>Horsfieldia kingii</i> (Hook. f.) Warberg	Tree	MMD
60	<i>Hoya globulosa</i> Hook. f.	Epiphytic herb	MMD, TSE
61	<i>Hypericum hookerianum</i> Wight & Arnott	Shrub	WT, Con, Rho
62	<i>Impatiens stenantha</i> Hook. f.	Herb	TBL, WT, OS
63	<i>Ixora undulata</i> Roxburgh	Shrub	HS
64	<i>Kadsura heteroclita</i> (Roxburgh) Craib	Climber	SAS
65	<i>Knema erratica</i> (Hook.f. & Thomson) Sinclair	Tree	TSE
66	<i>Lasiococca symphillaeifolia</i> (Gamble) Hook. f.	Tree	MMD
67	<i>Leea aequata</i> L.	Shrub	MMD, TSE, HS, Riv, BB, TP, Deg
68	<i>Leea indica</i> (Burman) Merrill	Shrub	TSE
69	<i>Lindera assamica</i> (Mesn.) Kurz	Tree	TBL
70	<i>Lindera pulcherrima</i> (Nees) Hook. f.	Tree	TBL, WT, Rho
71	<i>Lithocarpus pachyphylla</i> (Kurz) Rehder	Tree	TBL, WT, Rho, CP
72	<i>Litsea albescens</i> (Hook. f.) Long	Tree	TBL
73	<i>Litsea hookeri</i> (Meisner) Long	Tree	TSE
74	<i>Litsea panamaja</i> (Nees) Hook. f.	Tree	MMD
75	<i>Litsea salicifolia</i> (Nees) Hook. f.	Tree	Deg
76	<i>Mahonia nepaulensis</i> DC.	Shrub	TBL, WT, CP
77	<i>Mallotus roxburghianus</i> Mueller	Tree	MMD
78	<i>Ophiorrhiza treutleri</i> Hook. f.	Herb	TBL
79	<i>Panax pseudogensin</i> Wallich var <i>bipinnatifidus</i> (Seemann) Li.	Herb	SAS
80	<i>Panax pseudogensin</i> Wallich var <i>angustifolia</i> (Burkill) Li.	Herb	SAS
81	<i>Pedicularis furfuracea</i> Bentham	Herb	TBL, SAS
82	<i>Persea clarkeana</i> (Hook. f.) Kostermans	Tree	TBL
83	<i>Phoebe attenuata</i> (Nees) Nees	Tree	MMD
84	<i>Pieris formosa</i> (Wallich) D. Don	Tree	WT, Con
85	<i>Pilea bracteosa</i> Weddell	Herb	TBL, WT, CP
86	<i>Pilea cordifolia</i> Hook. f.	Herb	WT
87	<i>Pilea ternifolia</i> Weddell	Herb	TBL, WT, Con
88	<i>Pimpinella tongoelonsis</i> Mukherjee	Herb	SAS
89	<i>Piper chuvya</i> (Miquel) C. DC.	Herb	MMD, TSE, STBL, TP
90	<i>Piper sylvaticum</i> Roxburgh	Herb	MMD, TSE, STBL, TBL, WT, HS, RIV, BB, TP, Deg
91	<i>Polyalthia simiarum</i> (Hook. f. & Thomson) Hook. f. & Thomson	Tree	MMD, TSE
92	<i>Potentilla peduncularis</i> D. Don	Herb	Con, Rho
93	<i>Primula scapigera</i> (Hook. f.) Craib	Herb	TBL, Rho
94	<i>Psychotria erratica</i> Hook. f.	Herb	TSE
95	<i>Pueraria sikkimensis</i> Prain	Climber	TSE
96	<i>Pyrularia edulis</i> (Wallich) A. DC.	Tree	STBL
97	<i>Quercus thomsoniana</i> A. DC.	Tree	TBL, WT
98	<i>Rhododendron barbatum</i> G. Don	Tree	Con, SAS
99	<i>Rhododendron dalhousie</i> Hook. f.	Tree	TBL
100	<i>Rhododendron falconeri</i> Hook. f.	Tree	Rho, SAS
101	<i>Rhododendron griffithianum</i> Wight	Tree	WT
102	<i>Rhus succedanea</i> L.	Tree	WT, OS
103	<i>Rubia charifolia</i> G. Don	Herb	HS
104	<i>Rubus paniculatus</i> Smith	Shrub	TBL, WT, Con
105	<i>Sarcosperma arboreum</i> Hook. f.	Tree	HS
106	<i>Sauropus quadrangularis</i> (Willdenow) Mueller	Shrub	HS, TP
107	<i>Sauropus repandus</i> Mueller	Shrub	STBL

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*Annexure IV continued.*

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108	<i>Smilax rigida</i> Wall ex Kunth	Climber	TBL, WT, Rho
109	<i>Spiraea micrantha</i> Hook. f.	Shrub	TBL, SAS
110	<i>Stellaria sikkimensis</i> Edgeworth & Hook. f.	Herb	TBL, WT, Con, Rho, SAS, OS
111	<i>Swertia chirayita</i> (Roxburgh) Karsten	Herb	Con, Rho, SAS, CP
112	<i>Symplocos dryophila</i> Clarke	Tree	TBL, Rho
113	<i>Syzygium balsameum</i> (Wight) Walper	Tree	HS
114	<i>Syzygium kurzii</i> (Duthie) Balakrishnan	Tree	STBL
115	<i>Syzygium ramosissimum</i> (Blume) Balakrishnan	Tree	MMD
116	<i>Tetrastigma campylocarpum</i> (Kurz) Planchon	Climber	HS, Riv
117	<i>Tetrastigma rumicispermum</i> (Lawson) Planchon	Climber	TSE, BB
118	<i>Thunbergia lutea</i> Anderson	Climber	TBL, WT, CP
119	<i>Tupistra clarkei</i> Hook. f.	Herb	TBL, WT
120	<i>Uncaria sessilifructus</i> Roxburgh	Shrub	BB
121	<i>Vaccinium nummularia</i> Clarke	Shrub	TBL, WT
122	<i>Vaccinium retusum</i> (Griff.) Hook. f.	Shrub	TBL, WT, Rho
123	<i>Vaccinium vacciniaceum</i> (Roxburgh) Sleumer	Shrub	TBL, WT
124	<i>Viola hookeri</i> Thomson	Herb	TBL, WT, Rho, SAS, CP
125	<i>Viola paravaginata</i> Hara	Herb	WT, Con, Rho
126	<i>Wendlandia wallichii</i> Wight & Arnott	Shrub	HS, TP

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## Annexure V

### List of Medicinal plant species with uses, habit and distribution in Darjiling Hills

Sl. No.	Name	Uses	Habit	Forest Types
1	<i>Abrus pectorius</i> L.	Root & Leaf used in cold and cough	Climber	HS, MMD
2	<i>Acacia catechu</i> (L.f.) Willdenow	Bark decoction used in leucorrhoea, chest pain, menstrual complaints, diarrhoea, bronchitis, facilitate child birth, astringent, toothache, dysentery, mouth sores, asthma	Tree	Riv
3	<i>Acacia pennata</i> (L.) Willdenow	Leaf juice as appetizer in infant, bleeding gums, febrifuge; Barks juice as antidote for snake bite	Woody climber	HS, MMD, STBL, Riv, BB, Deg
4	<i>Achyranthes bidentata</i> Blume	Used in rheumatic treatment	Herb	HS, MMD, STBL, Riv, Aln, BB, Deg, TBL, WT
5	<i>Aconitum violaceum</i> Jacquemont ex Stapf	Root used as tonic, toothache, cold & cough stomachic	Herb	Rho, SAS
6	<i>Aconogonon molle</i> (Meisner) Reichenbach	Tender stem acts as astringent, eaten as vegetable	Shrub	STBL, Aln, Rho, OS, SAS, Con, TBL, WT
7	<i>Adina cordifolia</i> (Roxburgh) Brandis	Leaves used in curing night blindness, biliary, colic, cholera; Bark decoction for internal fever	Tree	HS, TSE
8	<i>Ageratum conyzoides</i> L.	Leaves juice used in cuts and wound. It acts as boils lotion, eye lotion. Root has antibiotic property.	Herb	MMD, Riv, Aln, TP, BB
9	<i>Ainsliaea aptera</i> DC.	Plant used as stomachic, wormicide, in diarrhoea	Herb	SAS, Con, WT
10	<i>Albizia julibrissin</i> Durazzini	Root & bark used as expectorant and to treat various illnesses like anxiety, insomnia, and pulmonary abscess. Flowers used in neurasthenia, amnesia, insomnia	Tree	HS
11	<i>Albizia lebeck</i> (L.) Bentham	Root & barks used in skin disease, piles, bronchitis, ophthalmia. Flowers and seed to treat asthma and leprosy	Tree	STBL
12	<i>Albizia odoratissima</i> (L.f.) Bentham	Decoction of bark is effective in leprosy & invertebrate ulcers. Boiled leaves as remedy for cough	Tree	BB, Deg
13	<i>Albizia procera</i> (Roxburgh) Bentham	Leaves have insecticidal property. Bark used in headache. Plant shows anticancer activity.	Tree	TSE, MMD, Deg
14	<i>Alnus nepalensis</i> D. Don	Used in dysentery, stomach ache, diarrhoea	Tree	STBL, Aln
15	<i>Alpinia nigra</i> (Gaertner) B.L. Burt	Rhizome used in gout and colic	Herb	HS
16	<i>Alstonia scholaris</i> (L.) R. Brown	Bark used as tonic, skin disease, asthma, leucoderma, diarrhoea and advance dysentery. Anticancerous property	Tree	MMD, BB, Deg
17	<i>Alternanthera sessilis</i> (L.) R. Brown ex DC.	Herb: astringent, cooling constipation, depurative, galactagogue, febrifuge, leprosy, skin disease, dyspepsia, haemorrhoids, splenomegaly and fever	Herb	MMD
18	<i>Amomum dealbatum</i> Roxburgh	Nepalese use boiled Inflorescence to lower blood pressure	Herb	HS
19	<i>Anisomeles indica</i> (L.) Kuntze	Aromatic herb has astringent, carminative properties, used as tonic, gastritis and intermittent fever	Sub-shrub/ Shrub	HS, MMD, Riv, TP

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*Annexure V continued..*

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20	<i>Anthocephalus cadamba</i> Miquel	Bark used in uterian complaint, blood disease, burning sensation, aphrodisiac, astringent; Fruit as aphrodisiac, leprosy, dysentery	Tree	HS
21	<i>Aphanamixis polystachya</i> (Wallich) Parker	Bark astringent, used in spleen and liver disease, abdominal complaints. Seed oil used in rheumatism and has antifungal and antibacterial property	Tree	MMD, Riv, TP
22	<i>Arisaema speciosum</i> (Wallich) Martius	Rhizome used as antidote for snake bite, given to sheep for colic.	Herb	TP, BB
23	<i>Aristolochia platanifolia</i> Duchartre	Possess anti tumour activity	Climber	STBL
24	<i>Aristolochia tagala</i> Chamisso	Used as carminative tonic	Climber	STBL
25	<i>Artemisia indica</i> Willdenow	Plant used as appetiser, larvicidal & insecticidal. splenomegaly, haemostatic, menstrual disorder, leucorrhoea, dysentery, epistaxis	Shrub	TSE, STBL, AIn, BB
26	<i>Astilbe rivularis</i> D. Don	Root juice and powder with honey given to women after delivery. Plant are good stimulant, blood purifier and used in haemorrhage, diarrhoea, dysentery,	Herb	CP, TBL, WT
27	<i>Baliospermum montanum</i> (Willdenow) Mueller	Leaves emetic, used in haematosi and veterinary practices. Useful in stomach ache, toothache, cathartic, poison, purgative, rheumatism	Shrub	Riv, TP
28	<i>Bassia butyracea</i> Roxburgh	Seed oil applied for rheumatic treatment, emollient; Bark used as fish poison	Tree	HS, STBL, BB
29	<i>Bauhinia purpurea</i> L.	Bark & root used in diarrhoea. Flowers have laxative property. Stem used for setting bone fractures	Tree	HS, MMD, BB, Deg
30	<i>Bauhinia vahlii</i> Wight & Arnott	Plant used as tonic, demulcent and believed to possess aphrodisiac property	Liana	HS, MMD, TP, Deg
31	<i>Bauhinia variegata</i> L.	Bark astringent tonic. Dried buds used in diarrhoea, cough, piles, dysentery, ulcers. Roots in dyspepsia and flatulence. Flowers as laxative	Tree	MMD, Riv
32	<i>Begonia palmata</i> D. Don	Decoction of root used against fever and liver complaints	Herb	WT
33	<i>Begonia picta</i> Smith	Used for colic and dysentery	Herb	WT
34	<i>Berberis asiatica</i> Roxburgh	Stems recommended in rheumatism Roots have anti cancer activity	Shrub	Rho
35	<i>Berberis aristata</i> DC.	Used in various skin disease, diarrhoea, jaundice, stomachic, antiperiodic. Root extract: hypoglycaemic and anticancerous	Shrub	OS, SAS
36	<i>Betula utilis</i> D. Don	tonic, alexiteric, bronchitis, Leprosy, disease of blood, anti- HIV, anti-leukemic	Tree	Rho
37	<i>Bidens pilosa</i> L.	Leaf juice applied to eyes & ears. Flower buds mixed with alcohol for treating toothache. used in rheumatism, leprosy & skin diseases	Herb	AIn, BB
38	<i>Biophytum reinwardtii</i> (Zuccarini) Klotzsch		Herb	HS, TP
39	<i>Bischofia javanica</i> Blume	Leaf juice for sores, tonsillitis, pain of throat	Tree	BB
40	<i>Bistrotia emodi</i> (Meisner) Hara	Used as febrifuge, diuretic, expectorant, hemostatic, diarrhoea, enteritis.	Herb	Con
41	<i>Blechnum orientale</i> L.	Used as anthelmintic and urinary disorders, rhizome as carbuncles	Herb	AIn, WT

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*Annexure V continued.*

42	<i>Blumea densiflora</i> DC.	Leaf used as insect repellent	Shrub	HS, CP
43	<i>Blumea lacera</i> (Burman f.) DC.	Herb applied to subdue body inflammation, cephalalgia, ophthalmia, bruises, liver disorder, intestinal disorder, intestinal worm, cholera	Herb	HS, BB
44	<i>Boehmeria platyphylla</i> D. Don	Leaf paste with black peeper (3-5) applied on eczema	Shrub	HS, MMD, BB, Deg
45	<i>Bombax ceiba</i> L.	Roots as stimulant, emetic, gum astringent, aphrodisiac, dysentery. Flowers used in small pox	Tree	HS, MMD, STBL, TP, BB, Deg
46	<i>Bridelia retusa</i> (L.) Sprengel	Bark used as antiviral & anticancerous, astringent. Fruit have laxative property. Plant used in urinary concretion and rheumatism with gingelly oil.	Tree	HS, TSE, MMD, STBL, BB
47	<i>Bridelia sikkimensis</i> Gehrman	Used as vermifuge	Tree	HS, TSE, MMD, Deg
48	<i>Buchanania lanazan</i> Sprengel	Used in cold & cough and skin diseases	Tree	HS
49	<i>Buddleja asiatica</i> Loureiro	Paste of root mixed with rice water used as tonic	Shrub	TSE
50	<i>Butea parviflora</i> (Roxburgh) Roxburgh	Bark decoction used in dropsy and bowel complaint	Liana	HS, MMD, TP
51	<i>Callicarpa arborea</i> Roxburgh	Bark aromatic, bitter, tonic, carminative. Leaf and Bark paste used in scorpion sting. It is also used in rheumatism, gonorrhoea	Tree	MMD, STBL, TP
52	<i>Careya arborea</i> Roxburgh	Flower and bark juice given with honey as demulcifier in coughs and cold. Root paste applied in insect bit. Flower given to improve weakness after child delivery	Tree	HS, MMD, Riv, Deg
53	<i>Caryota urens</i> L.	Nut acrid, cooling, to allay thirst and fatigue, useful in hemicrania	Tree	TSE
54	<i>Casearia graveolens</i> Dalziel	Fruits medicinal	Tree	Aln
55	<i>Cassia fistula</i> L.	Tender leaves as vermifuge. Bark is effective in scabies. Pods used to kills bug. Root decoction used in leprosy, syphilis, skin diseases. Flowers: coolant, astringent	Tree	TP
56	<i>Castanopsis indica</i> (Roxburgh) A. DC.	Bark are antiviral, hypotensive, diuretic, anticancerous	Tree	TSE, MMD, Deg
57	<i>Celtis timorensis</i> Spanch	Leprosy, joint pain, pimples, sprains	Tree	TSE
58	<i>Centella asiatica</i> (L.) Urban	Plants used in dysentery, leprosy, tuberculosis and skin disease. Leaves as tonic and for improving memory.	Herb	Aln, CP, OS, WT
59	<i>Chlorophytum arundinaceum</i> Baker	Used as tonic, aphrodisiac, seminal weakness & general debility	Herb	HS
60	<i>Chukrasia tabularis</i> Jussieu	Bark possess astringent properties, used in colic diarrhoea, as carminative	Tree	TSE, MMD
61	<i>Cinnamomum bejolghota</i> (Buchanan-Hamilton) Sweet	Used in dyspepsia and liver complaints	Tree	TSE
62	<i>Cissampelos pareira</i> L.	Root: antipyretic, diuretic, laxative, dysentery, urinary troubles. Leaves: in septic ulcers, scabies. Root with pepper, ginger, assafoetid (4:5:6:3) mixed with honey useful in indigestion problem	Climber	MMD, BB
63	<i>Clematis buchanania</i> DC.	Roots effective in sinusitis; Arial part: antiviral, spasmolytic	Climber	TSE, Aln, BB, CP, OS, TBL, WT
64	<i>Clerodendrum colebrookeanum</i> Walper	Tender leaves warmed over fire, mashed into paste and applied in rheumatism, reduce high blood pressure	Shrub	Aln, BB



*Annexure V continued..*

65	<i>Clerodendrum serratum</i> (L.) Moon	Root used in inflammation dyspepsia, anorexia, colic, flatulence, asthma, tubercular gland, leucoderma	Shrub	BB, Deg
66	<i>Clerodendrum viscosum</i> Ventenat	Leaf as bitter tonic, laxative, anthelmintic, emetic and febrifuge	Shrub	HS, TSE, MMD, STBL, Riv, TP, BB, Deg
67	<i>Coelogyne cristata</i> Lindley	Coolant, Ethanol (50%) extract diuretic	Epiphytic herb	CP, TBL, WT
68	<i>Colebrookea oppositifolia</i> Smith	Leaf paste used in wounds and bruises, juice in dysentery; Root useful in epilepsy	Shrub	HS, TSE, MMD, STBL, Deg
69	<i>Commelina benghalensis</i> L.	Plant used as demulcent, refrigerant, laxative, otitis media suppurativa, sores and antidote	Herb	Riv, Aln, TP, Deg
70	<i>Cordia obliqua</i> Willdenow	Fruits as expectorant, astringent, anthelmintic, chronic fever, spleen	Tree	HS, BB
71	<i>Costus speciosus</i> (J. Koenig) Smith	Root used in bronchitis, fever, dyspepsia, anaemia, rheumatism hiccups, anthelmintic, purgative diabetes, urinary disease and bad kidney	Herb	HS, TSE, MMD, TP
72	<i>Crassocephalum crepidioides</i> (Bengh.) Moore	Leaf juice used to prevent bleeding	Herb	Aln, BB
73	<i>Crateva religiosa</i> Forster f. agg.	Bark used as stomachic, anthelminic, expectorant, blood disease. Fruit removes vata, pitta and kappa and promote appetite secretion of bile and phlegm, removes urinary disorder	Tree	Riv, BB, Deg
74	<i>Croton caudatus</i> Geiseler	Leaves and shoot extracts used for malaria and cholera	Shrub	TSE, MMD, STBL, Riv
75	<i>Curculigo orchiioides</i> Gaertner	Leaf used in piles, diarrhoea, jaundice and asthma. Roots in skin disease	Herb	HS, STBL, BB, Deg
76	<i>Curcuma aromatica</i> Salisbury	Rhizome posses antifungal, anthelminic, carminative properties, used in cervical cancer, leucoderma and blood disease and as tonic. Powder as antifertility agent	Herb	TSE, MMD, STBL, TP, BB
77	<i>Cynodon dactylon</i> (L.) Presl	Hyperpiesia, haemolysis, conjunctivitis, cephalalgia, erysipelas, diarrhoea, dysentery, abortion	Herb	OS
78	<i>Dalbergia sissoo</i> DC.	Bark as aphrodisiac, expectorant, antipyretic, appetiser, leucoderma, dyspepsia, dysentery. Leaves in eye disease. Wood as anthelminic, enriches blood, scalding urine, syphilis, stomach trouble	Tree	MMD
79	<i>Dalbergia stipulacea</i> Roxburgh	Bark and root used as fish poison	Tree	HS, MMD, STBL, Deg
80	<i>Dendrocnide sinuata</i> (Blume) Chew	Juice of fruits used in chronic fever	Shrub	TSE, MMD, STBL, BB
81	<i>Desmodium gangeticum</i> (L.) DC.	Roots used as febrifuge expectorant, antidiuretic and in snake and scorpion bite	Herb	Riv, TP, BB, Deg
82	<i>Desmodium heterocarpon</i> (L.) DC.	Decoction used for cough and convulsion	Sub-shrub/ Shrub	Riv, TP, BB
83	<i>Dichroa febrifuga</i> Loureiro	Roots as emetic, effective in malarial fever	Shrub	Aln, CP, OS, TBL, WT
84	<i>Dillenia indica</i> L.	Fruit in dysentery, fever, as cough mixture, laxative; Bark and leaves as astringent	Tree	HS
85	<i>Dioscorea bulbifera</i> L.	Rhizome: piles and syphilis, tumours, stranguary. expectorant, astringent, against asthma, bronchitis, abdomen pain	Climber	HS, MMD, STBL, TP, BB, Deg

*Annexure V continued.*

86	<i>Dioscorea deltoidea</i> Wallich ex Kunth	Rhizome used as oral contraceptive. Fruits as Poison to lice	Climber	HS, MMD
87	<i>Dioscorea pentaphylla</i> L.	Plant decoction applied in rheumatism; extraction in antiinflammable	Climber	TP
88	<i>Dioscorea prazeri</i> Prain & Burkill	Widely used as oral contractive	Climber	HS, MMD, TP
89	<i>Elaeagnus conferata</i> Roxburgh	Further work needed	Shrub	Con, TBL
90	<i>Elephantopus scaber</i> L.	Given in dysuria, urethrorrhoea, intermittent fever, bronchitis, skin disease, hepatopathy, cough & swelling	Herb	HS, TP
91	<i>Elsholtzia blanda</i> Bentham	Tender leaves crushed and made into paste with salt and applied to old wounds of cattle to clear off pus and maggot	Sub-shrub/ Shrub	CP
92	<i>Engelhardia spicata</i> Blume	Bark decoction given in diarrhoea	Tree	TSE, STBL, Aln, BB
93	<i>Entada rheedii</i> Sprengel	Seed are emetic, narcotic, astringent, roasted seed as oral contraceptive	Liana	TP
94	<i>Erythrina stricta</i> Roxburgh	Flowers are tonic, used in rheumatism, leprosy and epilepsy. Lotion from burning wood applied in facial inflammation	Tree	Aln, BB
95	<i>Eupatorium adenophorum</i> Sprengel	Leaf juice applied in wounds and cuts as antiseptic, possess properties like emetic, diuretic, purgative	Shrub	STBL, Aln, BB, CP, OS, WT
96	<i>Euphorbia hirta</i> L.	Used in heart disease, cough, skin disease, asthma,	Herb	MMD
97	<i>Ficus benghalensis</i> L.	Effective in leucorrhoea, vomiting, osteomalacia of limb skin disease, gonorrhoea, hyperpiesia, rheumatism	Tree	MMD
98	<i>Ficus cunia</i> Roxburgh	Fruit used in leprosy, ophthous complaints. Roots in bladder complaints	Tree	TSE
99	<i>Ficus semicordata</i> Smith	Fruits given in aphthous complaints. Fruit and bark made into a bath as cure for leprosy.	Tree	TSE, STBL, BB
100	<i>Flemingia strobilifera</i> (L.) Aiton	Roots used by Santals in epilepsy, fever. Leaf decoction as tonic for sick animals	Shrub	HS
101	<i>Fragaria nubicola</i> (Hook. f.) Lacaita	Fruit to improve anaemia diabetes, rheumatism gouts, kidney and liver complaints. Leaf as herbal tea and toner for oily skin	Herb	CP, Rho, SAS, TBL, WT
102	<i>Geranium nepalense</i> Sweet	Herb used as astringent, renal infections.	Herb	TBL, WT
103	<i>Girardinia diversifolia</i> (Link) Friis	Young leaves and inflorescence eaten boiled by the hill folks to treat high blood pressure.	Shrub	STBL, Aln
104	<i>Gmelina arborea</i> Roxburgh	Fruit in blood dysentery, roots in indigestion, piles, leprosy and blood disease as laxative. Flowers are astringent, coolants	Tree	HS, TSE, MMD, TP
105	<i>Grewia optiva</i> Burret	Dysentery, facilitates child birth, fever, bone fracture	Tree	HS, MMD, Riv
106	<i>Gynocardia odorata</i> R. Brown	Fruit: bronchitis, diabetes, gonorrhoea, piles (Ayurveda); Seed oil: leprosy, chronic rheumatism	Tree	HS, MMD, STBL, BB, Deg
107	<i>Hedera nepalensis</i> K. Koch	Leaves toxic, used in rheumatism, neuralgia, sciatica, whooping cough, leaves and berries as stimulant, diaphoric cathartic, antispasmodic, anthelmintic	Climber	WT
108	<i>Hedyotis scandens</i> Roxburgh	Used in eye disease, roots used in colic pain, sprains, juice given after childbirth	Climber	MMD, BB, TBL

*Annexure V continued..*

109	<i>Hemidesmus indicus</i> (L.) Schultes	Root improve impure blood, useful in gonorrhoea, rheumatism, skin disease	Climber	HS, MMD, Riv, TP
110	<i>Heracleum nepalense</i> D. Don	Used as tonic, diarrhoea and aphrodisiac	Herb	Con
111	<i>Hiptage bengalensis</i> (L.) Kurz	cough, asthma, cardiac, skin disease, Leprosy, scabies, rheumatism, hyperpiesia	Liana	Riv
112	<i>Holarrhena pubescens</i> (Buchnan-Hamilton) G. Don	Bark decoction with Bel in treating dysentery; Leaf juice in joint pains, piles, flower in diarrhoea, leucoderma; Seed, bleeding piles; Fruit: anticancerous	Tree	HS, MMD, STBL, Riv
113	<i>Holmskioldia sanguinea</i> Retzius	Juice of roots is taken to relieve fever	Shrub	HS
114	<i>Ichnocarpus frutescens</i> (L.) Aiton	Root in Piles, Eczema, Asthma, cough diarrhoea, diminished lactation in women, skin disease, tongue injury in children	Climber	HS, MMD, STBL, Riv
115	<i>Impatiens balsamina</i> L.	Used as coolant, pains in joints, emetic, cathartic and diuretic	Herb	MMD
116	<i>Imperata cylindrica</i> (L.) Rausch.	Antiviral and coolant, root used in fever cough, jaundice, kidney problem, anticancerous	Herb	HS, OS
117	<i>Kydia calycina</i> Roxburgh	Leaf uplift central Nervous system & hypertension, body pain	Tree	BB
118	<i>Lagerstroemia parviflora</i> Roxburgh	Useful in asthma, bronchitis, cough, syphilis, sores & wounds	Tree	HS, MMD, STBL, Riv, TP, BB, Deg
119	<i>Lannea coromandelica</i> (Houttyn) Merrill	Bark an leaf used in blood dysentery, heart disease, toothache; Gum applied in boils	Tree	HS, Riv
120	<i>Lantana camara</i> L.	Used in skin inflammation, sprains, pulmonary problem, jaundice, rheumatism	Shrub	TSE, MMD, STBL, TP, BB
121	<i>Leea aequata</i> L.	Used in bronchitis, dyspepsia, leprosy	Shrub	HS, TSE, MMD, Riv, TP, Deg
122	<i>Leea indica</i> (Burman f.) Merrill	Roots used in diarrhoea, colic dysentery and as sudorific	Shrub	TSE
123	<i>Litsea cubeba</i> Loureiro Persoon	Fruits carminative used in dizziness, hysteria, paralysis	Tree	STBL, Riv
124	<i>Litsea glutinosa</i> (Loureiro) Robinson	Bone fracture	Tree	MMD, STBL
125	<i>Litsea monopetala</i> (Roxburgh) Persoon	Bark mildly astringent and used in diarrhoea, Paste of bark and root externally applied for pains, bruises	Tree	HS, MMD
126	<i>Lycopodium clavatum</i> L.	Diuretic, demulcent, antiseptic, emmenagogue, rheumatism, pulmonary disorder, urinary disorder, dyspepsia, catarrhal gastritis, stops haemorrhage after child birth	Herb	Rho, OS, SAS, WT
127	<i>Lygodium flexuous</i> Swartz	Plant used as expectorant, fresh roots used in rheumatism, sprains, cut wound. Effective in carbuncle treatment	Climber	MMD, TP, BB, Deg
128	<i>Lyonia ovalifolia</i> (Wallich) Drude	Plant as insecticide, infusion applied on cutaneous disease	Tree	Rho, WT
129	<i>Macaranga indica</i> Wight	Resin applied in wounds	Tree	STBL, BB
130	<i>Maesa chisia</i> D. Don	Leaves insecticide, berries anthelmintic, root used in syphilis	Shrub	TSE, MMD, STBL, Aln, TP, BB, CP, WT
131	<i>Maesa indica</i> (Roxburgh) A. DC.	Used as insecticide	Shrub/ Small Tree	HS, BB, Deg
132	<i>Mahonia nepaulensis</i> DC.	Berries diuretic, demulcent in dysentery, used to treat jaundice	Shrub	CP, TBL, WT
133	<i>Mallotus philippensis</i> (Lamarck) Mueller	Leaves to treat constipation, flatulence, Fruit carminative, gall stone, alexeteric, bronchitis, spleen enlargement, scabies	Tree	HS, TSE, MMD, STBL, Riv, TP, BB, Deg

*Annexure V continued..*

134	<i>Mangifera indica</i> L.	Root and Bark as astringent, fruit to augment urinary discharge, vaginal trouble, leaves in piles	Tree	MMD
135	<i>Melastoma malabarthicum</i> L.	Leaves in diarrhoea, dysentery, bark & roots to heal wounds and skin disease, Flower in leucorrhoea	Shrub	BB
136	<i>Michelia champaca</i> L.	Bark as anthelmintic, used for bile and blood affection, flowers used to treat leprosy, ulcers, oil from flower used in cephalagia, ophthalmia and gout, bark useful in chronic gastritis	Tree	HS, TSE, MMD, STBL
137	<i>Mikania micrantha</i> Kunth	Juice applied to stop bleeding, gastritis, skin irritation	Climber	HS, TSE, MMD, STBL, Riv, TP, BB, Deg
138	<i>Morinda citrifolia</i> L.	Root cathartic, leaves as febrifuge, tonic, ulcer, baked fruit in asthma, dysentery treatment	Shrub	HS, MMD, TP, BB, Deg
139	<i>Mucuna puriens</i> (L.) DC.	Used in constipation, neuropathy, strangury, dysmenorrhoea, elephantiasis, delirium, gonorrhoea, sterility, vermifuge	Climber	HS
140	<i>Mukia maderaspatana</i> (L.) Roemer	Used in dyspepsia, flatulence, colic, constipation, asthma, neuralgia, odontalgia, vertigo	Climber	STBL
141	<i>Murraya koenigii</i> Sprengel	Leaves used in dysentery and diarrhoea, for preventing vomiting	Shrub	HS, MMD, Riv, TP
142	<i>Murraya paniculata</i> (L.) Jack	Used in diarrhoea, dysentery, applied to cuts; root barks used in coughs, rheumatism and hysteria, decoction given in dropsy	Shrub	HS, MMD
143	<i>Naravelia zeylanica</i> (L.) DC.	Used in rheumatism, cephalalgia, dermatopathy, leprosy, odontalgia	Climber	TSE, MMD, WT
144	<i>Nephrolepis cordifolia</i> (L.) Presl	Decoction of fresh frond given to cure cough, tubers in diabetes and jaundice	Herb	TSE, STBL, BB
145	<i>Nepeta graciliflora</i> Benthham	Leaf paste applied in headache, swelling due to injuries	Herb	OS
146	<i>Oroxylum indicum</i> (L.) Ventenat	Root used blood dysentery, bark in rheumatism, aphrodisiac, bronchitis, fruit as expectorant, leucoderma	Tree	HS, TSE, MMD, STBL
147	<i>Osbeckia stellata</i> Ker-Gawler	Decoction of roots-stomachic, dried leaves used in toothache	Shrub	OS
148	<i>Oxalis corniculata</i> L.	Used in diarrhoea, dysentery, leaf juice applied in open wound, watery vaginal discharge, internal bleeding	Herb	Aln, BB, CP, OS
149	<i>Paderia foetida</i> L.	Roots used for strengthening teeth, root decoction for treating gastritis, leaves has astringent property and employed in rheumatic affection	Climber	TP, Deg
150	<i>Panax pseudogensin</i> Wallich var <i>angustifolia</i> (Burkill) Li.	Rhizome aphrodisiac used in anaemia, general debilities, sterility, haematogenesis, metrorrhoea, post-pastum, epistaxis	Herb	SAS
151	<i>Panax pseudogensin</i> Wallich var <i>bipinnatifidus</i> (Seemann) Li.	aphrodisiac, antianaemic, general debilities, sterility, haematogenesis, metrorrhoea, post-pastum, epistaxis	Herb	SAS
152	<i>Paramignya monophylla</i> Wight	Root as health tonic	Shrub	HS, TSE, MMD, TP, BB, Deg
153	<i>Paris polyphylla</i> Smith	Performs as antifatigue, Antitumour, respiradepressant, vasoconstrictor, anthelmintic, antidote to snake bite, fever	Herb	CP, Rho, SAS, WT

*Annexure V continued..*

154	<i>Pavetta indica</i> L.	Root used in visceral obstruction, dropsy, rheumatism	Shrub	HS
155	<i>Peperomia pellucida</i> (L.) H.B.K	Juice given in abdominal pain, applied to relieve headache	Herb	MMD
156	<i>Persicaria chinensis</i> (L.) H. Gross	Antibacterial, furunculosis, coldsore, eczema, dysentery, antidote	Herb	MMD, STBL, Riv, Aln, BB, Deg, CP, Rho, OS, SAS, TBL, WT
157	<i>Phlogacanthus thyrsoformis</i> (Hardwicke) Mabberley	Leaves as tonic, antipyretic, urinary discharge, vomiting, constipation, seed as aphrodisiac, bronchitis, asthma, flower as coolant and asperient	Shrub	HS, STBL, TP, BB, Deg
158	<i>Phyllanthus emblica</i> L.	Fruit used as carminative, laxative, coolant, antipyretic, urinary trouble, seed: aphrodisiac, asthma, bronchitis, vomiting, root & bark are astringent	Tree	HS, BB
159	<i>Phyllanthus reticulatus</i> Poiret	Treating skin eruption, obesity, ulemorrhoea, sore, burns, diarrhoea, bleeding gums, small pox, syphilis	Shrub	HS, Riv, TP, Deg
160	<i>Pimpinella diversifolia</i> DC.	Used as carminative	Herb	SAS, OS
161	<i>Pinus roxburghii</i> Sargent	Resin used as stomachic, in abscesses, dust of wood as diaphoretic, cough	Tree	HS
162	<i>Piper peepuloides</i> Roxburgh	Stem and roots used in leprosy and cough	Herb/ sub-shrub	TSE
163	<i>Piper sylvaticum</i> Roxburgh	Used as carminative	Herb	HS, TSE, MMD, STBL, Riv, TP, BB, Deg, TBL, WT
164	<i>Polyalthia simiarum</i> (Hook. f. & Thomson) Hook. f. & Thomson	Bark paste used in scorpion bite	Tree	MMD
165	<i>Polygala arillata</i> D. Don	Catarrhal affection, provokes coughing, snake bite,	Shrub	STBL, WT
166	<i>Polygonatum verticillatum</i> (L.) Allioni	Used as diuretic, aphrodisiac, appetiser/ tonic, fever, burning sensation	Herb	SAS, Con
167	<i>Pongamia pinnata</i> (L.) Pierre	Root applied in dog bite, dry leaf as disinfectant, seed powder used in whooping cough, Seed oil in scabies	Tree	STBL
168	<i>Pongamia pinnata</i> (L.) Pierre	Powdered seed as febrifuge, tonic, used in bronchitis and whooping cough, paste of seeds applied in skin disease and rheumatic joints	Tree	STBL
169	<i>Potentilla fulgens</i> Hooker	Diarrhoea, root powder to cure toothache	Herb	Rho, SAS
170	<i>Pothos scandens</i> L.	Paste of root applied on abscess. Powdered leaf used in smallpox. Infusion of leaf used in bath for curing convolutions and epilepsy	Climbing herb	STBL
171	<i>Premna mucronata</i> Roxburgh	Used to treat eczema, throat pain, boils and as febrifuge	Tree	Riv
172	<i>Prunella vulgaris</i> L.	Used in headache, conjunctivitis, dry cough, boils	Herb	TBL
173	<i>Prunus cerasoides</i> D. Don	Stem antipyretic, refrigerant, leprosy, leucoderma, crysipela, asthma, prevents abortion	Tree	STBL
174	<i>Pterospermum acerifolium</i> (L.) Willdenow	Flower used as general tonic & ascite leprosy, urinary problem, flower as laxative and anthelmintic	Tree	HS, TSE, MMD, STBL, Riv, Deg
175	<i>Pterygota alata</i> (Roxburgh) R. Brown	Seed used as hallucinogen, tranquilizer	Tree	Riv

<i>Annexure V continued..</i>				
176	<i>Quercus lamellosa</i> Smith	Barks and acorn stringent	Tree	Rho, TBL, WT
177	<i>Rhododendron arboreum</i> Smith	Flower used in dysentery and diarrhoea, young leaves are poison, applied in headache	Tree	Rho, Con, SAS, TBL, WT
178	<i>Rhododendron barbatum</i> G. Don	Fish Poison	Tree	SAS, Con
179	<i>Rhododendron campanulatum</i> D. Don	Leaves used in cold, haemocrania, chronic rheumatism, syphilis, sciatica	Tree	Con
180	<i>Rhododendron grande</i> Wight	Antiviral, anti-HIV, antispasmodic,	Tree	Rho, TBL, WT
181	<i>Rhus insignis</i> Hook. f. non Oliver	juice cause blister is a powerful vesicant	Tree	TSE
182	<i>Rhus semialata</i> Murray	Fruit widely used by Nepalese to treat diarrhoea, dysentery, it is also used in paralysis, swelling of wounds	Tree	HS, STBL, BB
183	<i>Rhus succedanea</i> L.	leaf gall are astringent, used for diarrhoea, dysentery, expectorant and stimulant	Tree	OS
184	<i>Rhynchosyilis retusa</i> Blume	Leaves used in rheumatic disease	Epiphytic herb	TP, HS, MMD
185	<i>Rosa laevigata</i> Michx.	Used in spermatorrhoea, leucorrhoea, enteritis, neurasthenia,	Shrub	Rho
186	<i>Rubia manjith</i> Roxburgh	Root are anthelmintic, antipyretic, antidyseric, used in uterus and vaginal disease, rheumatism leucorrhoea, urinal pain	Climber	STBL, Aln, BB, CP, Rho, OS, TBL, WT
187	<i>Rubus ellipticus</i> Smith	Used in oleic pains	Shrub	STL, Aln, BB, CP, Rho, OS, TBL, WT
188	<i>Sapindus rarak</i> DC.	Fruit as expectorant, epilepsy (seed), chlorosis; solution of fruit as remedy for cutaneous disease	Tree	TSE, Riv
189	<i>Sauropus androgynous</i> (L.) Merrill	Used as mouth wash, treating of retained placenta, erythema, measles, dyrusia	Shrub	Riv, Deg
190	<i>Schima wallichii</i> (DC.) Korthals	Bark irritates skin and used as vermicide, in gonorrhoea	Tree	HS, TSE, MMD, STBL, Aln, TP, BB, Deg
191	<i>Senecio scandens</i> D. Don	Emetic, employed in jaundice, leaves used in eye troubles	Herb	TBL, WT
192	<i>Shorea robusta</i> Gaertner f.	Leaf used to kill worms, headache, blood dysentery, gonorrhoea, acidity, boils	Tree	HS, MMD, TP, Riv
193	<i>Sida rhombifolia</i> L.	Used in rheumatism and tuberculosis; leaves pounded and applied on swellings; stem mucilaginous used as demulescent both external and internal	Herb	HS, MMD, Riv, TP
194	<i>Smilax ferrox</i> Wallich ex Kunth	Used in anaemia, antiasthmatic, antibiotic, antifertility	Climber	TBL, WT
195	<i>Smilax lanceifolia</i> Roxburgh	Juice form roots taken in rheumatic pains	Climber	HS, TSE, MMD, TP
196	<i>Smilax ovalifolia</i> Roxburgh	Roots as substitute for Indian sarsaparilla in treatment of venereal diseases, applied in rheumatism	Climber	HS, TSE, BB
197	<i>Smilax zeylanica</i> L.	Urinary complaints, dysentery, tonic, anaemia	Climber	HS, TSE, MMD, STBL
198	<i>Solanum torvum</i> Swartz	Fruit used in asthma, rheumatic pain	Shrub	MMD, Riv, Aln, BB
199	<i>Stemona tuberosa</i> Loureiro	Cough, ascariasis & scabies, insecticide, expectorant	Climber	Deg
200	<i>Stephania glabra</i> (Roxburgh) Miers	Used in tuberculosis, asthma, dysentery, fever and diabetes	Climber	BB
201	<i>Stephania japonica</i> (Thunberg) Miers	Roots in diarrhoea, urinary disease, dyspepsia, leaf used in high fever, piles, birth control.	Climber	HS, MMD, STBL, Aln, BB

*Annexure V continued.*

202	<i>Sterculia villosa</i> Smith	Bark yields a gum used in veterinary medicine	Tree	HS, MMD, STBL, Riv, BB
203	<i>Stereospermum colais</i> (Dillwyn) Mabblerley	Used as stomachic, rheumatism, malaria, liver complaints, asthma, cholera, dysentery, nervous disease	Tree	HS, TSE, MMD, STBL, Riv, BB, Deg
204	<i>Strebulus asper</i> Loureiro	Decoction of bark given in fever, dysentery, diarrhoea. Root to treat skin ailments	Tree	MMD, Riv
205	<i>Swertia chirayita</i> (Roxburgh) Karsten	Used for treating antipyretic, antiperiodic, laxative, leucoderma, asthma, bronchitis, leucorrhoea, piles (ayurveda), chronic fever	Herb	CP, Rho, SAS, Con
206	<i>Syzygium cumini</i> (L.) Skeels	Fruit & seed used in gonorrhoea, bark in excessive menstruation, leaves helps to control vomiting	Tree	HS, TSE, MMD, Riv
207	<i>Tabernaemontana divaricata</i> (L.) Roemer & Schultes	Used in odontalgia, opacity, paralysis, anthraglia, dermatopathy	Shrub	STBL, Riv, BB
208	<i>Taraxacum officinale</i> Wigger	diuretic, kidney, liver, gallstones disorders, rheumatism, roots as detoxifying herb, stimulate bile production	Herb	Rho
209	<i>Taxus baccata</i> L.	Widely used for treating asthma, bronchitis, epilepsy, anti-cancer	Tree	Rho
210	<i>Tectona grandis</i> L. f.	Roots against nausea, urine discharge, bark in bronchitis, wood as coolant, laxative, piles, leucoderma, dysentery, flower and seed as diuretic	Tree	HS, MMD, TP
211	<i>Terminalia alata</i> Roth	Anaemia, cholera, dysentery, fever, haematuria, sores, stomachic, wounds	Tree	HS, MMD, TP, Riv, BB, Deg
212	<i>Terminalia arjuna</i> Beddome	Barks in low blood pressure, Leucorrhoea, blood dysentery, Fruits in cardiac problem	Tree	HS
213	<i>Terminalia bellirica</i> (Gaertner) Roxburgh	Bark used in anaemia and leucoderma; Fruit bitter, astringent, bronchitis, sore throat, asthma, cardiac problem, bladder, piles, brain tonic, cough, stopping bleeding in fresh wound, sores in mouth; Seed oil in controlling grey hair	Tree	HS, MMD, Riv, BB, Deg
214	<i>Terminalia chebula</i> Retzius	Reputed for its medicinal properties and tannin. Fruits astringent, laxative, stomachic, carminative, expectorant, antidysentric, delirium (ayurveda), piles, skin disease, asthma, constipation	Tree	HS, BB
215	<i>Terminalia myriocarpa</i> Heurck & Mueller	bark fairly potent as cardiac stimulant, mild diuretic	Tree	TSE, MMD, Aln
216	<i>Tetrastigma serrulatum</i> (Roxburgh) Planchon	Alcoholic extract shows anticancer activity against walker carcinosarcoma	Climber	HS, TSE, STBL, BB
217	<i>Thunbergia grandiflora</i> Roxburgh	Used as antidote for snake bite	Climber	HS, TP, BB, Deg
218	<i>Thysanolaena maxima</i> (Roxburgh) Kuntze	Decoction of roots used as mouth wash in fever, as abortive paste of root applied to boils	Shrub	HS, TSE, STBL, Aln, BB, Deg
219	<i>Toddalia asiatica</i> (L.) Lamarck	Root and bark credited with diaphoretic, stomachic and antipyretic properties, used as stimulant, antiperiodic, febrifuge, unripe fruit, antimalarial applied in rheumatism	Shrub	TSE, MMD, Riv
220	<i>Toona ciliata</i> Roemer	Bark astringent used in chronic dysentery; Flowers as emmenagogue	Shrub	HS, MMD
221	<i>Trema orientalis</i> (L.) Blume	Plant used in epilepsy, anaemia, cholera, dysentery, fever, haematuria, sores, stomachic, wounds	Tree	STBL

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*Annexure V continued..*

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222	<i>Trewia nodiflora</i> L.	Removes swelling, bile and phlegm, used as coolant, tonic, alexiteric; root decoction relieves flatulence, applied in gout and rheumatism	Tree	Riv, TP
223	<i>Tupistra clarkei</i> Hook. f.	Investigation needed	Herb	TBL, WT
224	<i>Uncaria sessilifructus</i> Roxburgh	Decoction of bark used as mordant	Shrub	BB
225	<i>Urtica dioica</i> L.	Root as diuretic, astringent, emmenagogue, antihelmentic, haemorrhage, jaundice; Nettles applied in gout, intermittent fever, sciatica, heart troubles, rheumatism	Shrub	TBL, WT
226	<i>Vallis solanacea</i> (Roth) O. Kuntze	Latex applied in sores and sinuses for healing, leaves taken in diphtheria	Climber	HS, Riv, TP
227	<i>Vernonia cinerea</i> (L.) Lessing	Seed used as spermicide, antiviral, antitumour, rheumatism, antioxidant, anti-allergic	Herb	HS, TP
228	<i>Vigna pilosa</i> (Willdenow) Baker	Plants used in cough, fever, diarrhoea, burning sensation, ophthalmopathy, dyspepsia	Climber	HS, TP, BB
229	<i>Viola biflora</i> L.	Flower possess pectoral, diaphoretic and antiseptic properties, herb used as substitute for the drug <i>Banafshah</i>	Herb	SAS
230	<i>Viola serpens</i> Roxburgh	antiperiodic, malaria, bronchitis, asthma, root: febrifuge, tonic, expectorant, diuretic, purgative, emetic; Flowers: enviolent and demulcent	Herb	Aln, Rho, OS, SAS, Con, TBL, WT
231	<i>Viscum album</i> L.	Used in hypertension, tumour, anthrosis, epilepsy, cardiotonic, antiseptic, antispasmodic, diuretic, purgative, emetic	Epiphytic herb	Riv
232	<i>Woodfordia fruticosa</i> (L.) Kurz	Dried flowers used in piles and liver complaints, haemorrhoids, dysentery, leprosy, leucorrhoea. It is also effective in toothache, early teething in infants, diarrhoea in pregnant women	Shrub	HS
233	<i>Wrightia arborea</i> (Dennstaedt) Mabblerley	Plant used in fever, dysentery, menstrual troubles and in colic	Tree	HS, MMD, Riv, BB
234	<i>Wrightia tinctoria</i> (Roxburgh) DC.	Used in odontalgia, hypertension; bark & seed in dyspepsia, flatulence, colic, diarrhoea, leprosy, dropsy,	Tree	HS, MMD, Riv
235	<i>Zanthoxylum budrunga</i> (Roxburgh) DC.	Fruit aromatic, acrid and stimulant used as appetiser, asthma, bronchitis, heart disease, piles, given in rheumatism with honey; Root bark: purgative of kidney	Shrub	STBL, CP, TBL, WT
236	<i>Zaonia indica</i> L.	Leaf has anti inflammatory property used as anti-spasmodic, boils; fruit as purgative, expectorant, antiseptic, asthma	Climber	HS

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