

# *Appendix*

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## APPENDIX

**Table 1 - Yearly temperature and rainfall recorded in the years 1960-2003 (data acquired from the meteorological department of M.S. University)**

Year	Max Temp (°C)	Min Temp (°C)	Annual rainfall (cm)
1960	47 00	07 00	52 41
1961	45 00	06 00	87 80
1962	46 00	03 00	57 76
1963	45 00	09 00	95 40
1964	45 00	04 00	80 31
1965	44 00	09 00	63 88
1966	46 00	08 00	76 51
1967	45 00	07 00	96 80
1968	43 00	07 00	54 54
1969	45 00	07 00	106 05
1970	46 00	09 00	131 31
1971	44 00	08 00	91 72
1972	45 00	06 00	37 88
1973	45 00	05 00	115 00
1974	44 00	07 00	23 75
1975	44 00	09 00	83 14
1976	42 00	11 00	115 82
1977	44 00	07 00	107 03
1978	43 00	07 00	99 83
1979	46 00	09 00	62 11
1980	44 00	08 00	100 04
1981	45 00	08 00	84 88
1982	43 00	08 00	46 59
1983	43 00	09 00	132 73
1984	44 00	08 00	70 67
1985	44 00	10 00	42 07
1986	44 00	12 00	29 98
1987	45 00	11 00	39 48
1988	44 00	11 00	106 73
1989	44 00	09 00	59 64
1990	43 00	08 00	85 92
1991	45 00	07 00	69 46
1992	43 00	09 00	68 21
1993	44 00	10 00	85 88
1994	44 00	10 00	119 88
1995	44 00	08 00	69 85
1996	43 00	10 00	104 68
1997	42 00	10 00	116 07
1998	45 00	06 00	106 02
1999	43 00	10 00	30 19
2000	44 00	12 00	33 06
2001	44 00	10 00	82 46
2002	46 00	09 00	84 58
2003	46 00	11 00	106 24

**Table 2 - Average monthly temperature, humidity and monthly rainfall recorded in the years 2001-2003 (data acquired from the meteorological department of M.S. University)**

Month	2001				2002				2003			
	Ave. Max Temp. (°C)	Ave. Min Temp. (°C)	Ave. Humidity (%)	Mont-hly Rain-fall (cm)	Ave. Max Temp. (°C)	Ave. Min Temp. (°C)	Ave. Humidity (%)	Mont-hly Rain-fall (cm)	Ave. Max Temp. (°C)	Ave. Min Temp. (°C)	Ave. Humidity (%)	Mont-hly Rain-fall (cm)
Jan	29.69	13.75	48.96	00.00	29.00	13.40	59.60	00.00	30.41	14.81	48.46	00.00
Feb	33.13	15.51	50.17	00.00	36.29	16.21	59.76	00.00	32.48	17.21	62.53	05.44
March	36.65	22.20	56.66	00.00	36.98	20.90	50.12	00.00	36.28	18.76	46.66	00.00
April	42.27	24.30	50.63	00.00	40.10	24.90	54.74	00.00	39.86	24.95	57.50	00.00
May	39.52	27.86	64.00	00.12	40.25	27.99	59.14	00.00	40.50	27.31	63.35	00.00
June	35.00	26.65	77.00	18.88	37.05	27.33	74.48	30.20	35.96	26.25	79.45	18.54
July	31.12	24.86	87.11	24.76	33.36	26.66	76.06	06.64	32.18	25.88	89.20	36.12
Aug	32.11	25.48	86.39	33.00	31.09	25.07	89.79	29.16	31.48	25.52	88.82	31.60
Sept	35.66	25.86	81.16	00.00	27.27	24.53	74.31	18.58	31.79	25.29	87.50	14.54
Oct	36.20	23.26	68.79	05.70	37.41	23.16	67.46	00.00	35.53	22.62	69.03	00.00
Nov	33.86	18.21	49.60	00.00	33.70	18.01	63.05	00.00	33.90	19.90	62.80	00.00
Dec	31.97	14.10	58.65	00.00	30.57	15.62	66.53	00.00	30.68	15.80	59.34	00.00

Tables 3 (a-d) - IVI values of site Nandesari for years 2001-2003

Table (3a) - IVI values of site Nandesari for year 2001

Name of the species	July	Aug	Sept	Oct	Nov	Dec	Jan
<i>Xanthium strumarum</i>	30.36	32.64	36.94	35.77	31.36	31.65	24.41
<i>Cassia tora</i>	13.94	13.68	22.54	19.06	21.94	26.21	14.63
<i>Tephrosia purpurea</i>	38.17	29.47	19.47	19.06	16.45	16.57	28.39
<i>Crotalaria medicaginea</i>	17.61	20.22	19.31	15.19	13.65	18.59	27.91
<i>Cynodon dactylon</i>	11.27	12.95	15.92	15.41	15.62	12.73	12.87
<i>Echinochloa colonum</i>	13.73	14.36	15.92	15.03	20.05	19.27	15.72
<i>Indigofera cordifolia</i>	7.36	7.25	10.84	10.59	9.94	8.48	0.00
<i>Hedyotis corymbosa</i>	8.84	8.76	10.22	10.18	9.37	8.03	7.54
<i>Achyranthes aspera</i>	7.63	10.96	10.19	9.98	9.72	8.48	10.20
<i>Dactyloctenium aegyptium</i>	13.18	11.78	9.65	9.61	9.57	11.51	16.19
<i>Tndax procumbens</i>	13.86	12.52	9.04	8.81	8.72	12.56	18.44
<i>Cassia occidentalis</i>	9.09	8.93	8.93	8.84	14.92	16.73	7.64
<i>Boerhavia diffusa</i>	5.24	5.34	8.35	8.15	8.04	9.32	10.10
<i>Commelina nudiflora</i>	9.12	9.38	7.87	7.79	7.67	6.21	0.00
<i>Croton bonplandianum</i>	11.06	10.60	6.76	6.60	6.50	8.67	14.92
<i>Indigofera linnaei</i>	8.12	7.78	6.61	6.56	6.50	6.82	3.95
<i>Eragrostis ciliaris</i>	4.16	4.57	5.71	5.59	5.48	3.75	6.58
<i>Phyllanthus amarus</i>	6.14	5.19	5.67	5.61	5.50	3.48	5.61
<i>Leucas aspera</i>	5.15	4.57	5.64	5.49	4.77	0.00	0.00
<i>Blumea obliqua</i>	0.00	0.00	0.00	7.96	7.00	10.15	17.83
<i>Crotalaria hebecarpa</i>	3.53	3.30	5.35	5.23	5.14	3.75	0.00
<i>Trichodesma indicum</i>	5.65	5.60	5.23	5.12	5.28	3.94	0.00
<i>Teramnus labialis</i>	6.84	5.94	5.20	5.13	5.30	3.48	5.61
<i>Justicia diffusa</i>	0.00	6.18	4.98	4.94	4.92	2.27	0.00
<i>Polygala erioptera</i>	5.85	5.14	4.64	4.56	4.70	6.67	4.50
<i>Sida acuta</i>	5.25	5.03	4.64	4.56	4.70	1.82	2.94
<i>Euphorbia hirta</i>	5.65	5.15	4.61	4.56	4.72	5.91	7.34
<i>Digera muricata</i>	6.64	4.91	4.54	4.46	4.60	3.18	5.05
<i>Sida rhombifolia</i>	5.25	4.80	4.32	4.28	4.03	6.66	1.76
<i>Blumea lacera</i>	0.00	0.00	0.00	5.76	5.25	7.53	12.90
<i>Ipomoea pes-tigris</i>	5.06	5.26	4.17	4.08	4.20	1.82	2.94
<i>Tranthema portulacastrum</i>	3.57	3.54	3.42	3.32	0.98	0.00	0.00
<i>Cenchrus ciliaris</i>	3.85	3.15	3.33	3.34	3.56	5.19	5.04
<i>Pergularia daemia</i>	2.78	2.86	3.33	3.23	3.23	4.54	4.49
<i>Launaea procumbens</i>	3.97	3.71	3.15	3.05	3.06	2.85	4.49
<i>Ocimum gratissimum</i>	2.10	2.20	1.92	1.86	1.87	1.17	0.00
<i>Spermacoce articularis</i>	0.00	2.29	1.60	1.24	1.69	0.00	0.00

Table (3b) - IVI values of site Nandesari for year 2002

Name of the species	July	Aug	Sept	Oct	Nov	Dec	Jan
<i>Xanthium strumarium</i>	37.32	31.34	32.50	27.74	28.91	33.12	24.60
<i>Crotalaria medicaginea</i>	16.80	21.31	21.16	23.32	22.04	18.15	11.96
<i>Cynodon dactylon</i>	12.34	16.83	17.87	21.22	23.17	19.83	25.90
<i>Cassia tora</i>	14.31	17.34	16.63	19.65	19.40	18.62	15.80
<i>Tephrosia purpurea</i>	47.69	21.42	21.00	14.88	14.18	13.61	15.88
<i>Echinochloa colonum</i>	9.34	11.96	12.26	9.56	9.76	14.18	11.24
<i>Dactyloctenium aegyptium</i>	7.13	6.48	6.54	7.85	8.54	7.16	15.18
<i>Achyranthes aspera</i>	5.19	6.28	6.13	7.73	6.12	5.10	7.81
<i>Eragrostis ciliaris</i>	9.95	8.87	8.91	7.35	8.02	6.90	8.89
<i>Cassia occidentalis</i>	4.70	5.09	4.70	6.47	7.03	3.75	0.00
<i>Justicia diffusa</i>	0.00	6.09	6.43	5.83	6.34	6.29	3.39
<i>Hedyotis corymbosa</i>	6.97	9.07	8.21	6.27	5.25	4.62	0.00
<i>Aristida adscensionis</i>	5.44	7.48	7.18	5.75	6.26	9.14	12.28
<i>Cenchrus ciliaris</i>	4.95	5.99	7.07	5.92	6.45	5.90	8.95
<i>Indigofera linnaei</i>	5.67	5.29	5.03	5.73	5.29	5.49	0.00
<i>Tridax procumbens</i>	9.64	8.37	8.88	5.87	5.44	7.88	16.34
<i>Crotalaria hebecarpa</i>	5.21	6.48	6.86	5.08	4.88	4.19	0.00
<i>Phyllanthus amarus</i>	6.04	7.08	6.43	5.42	5.06	4.76	3.33
<i>Acanthospermum hispidum</i>	3.75	3.39	3.24	5.39	5.86	4.70	4.35
<i>Commelina nudiflora</i>	3.94	3.30	3.24	4.21	4.56	4.15	0.00
<i>Indigofera cordifolia</i>	4.51	4.42	4.54	5.30	3.63	4.06	3.84
<i>Vernonia cinerea</i>	3.96	4.60	4.59	4.74	5.13	7.40	8.75
<i>Sida acuta</i>	5.48	5.09	4.59	5.30	5.75	7.16	12.05
<i>Lindernia oppositifolia</i>	0.00	5.56	5.22	4.83	4.78	2.09	0.00
<i>Amaranthus viridis</i>	3.23	3.40	3.52	5.13	5.55	4.70	4.35
<i>Teramnus labialis</i>	4.60	3.90	3.52	5.13	5.55	5.10	5.23
<i>Trichodesma indicum</i>	4.31	4.20	4.38	5.02	4.51	4.06	0.00
<i>Boerhavia diffusa</i>	3.80	4.40	4.16	4.46	4.82	5.73	7.14
<i>Croton bonplandianum</i>	6.88	3.80	3.84	4.31	4.67	5.25	10.44
<i>Sida rhombifolia</i>	4.02	6.28	6.12	4.31	4.67	4.29	0.00
<i>Digera muncata</i>	4.31	3.70	3.73	4.17	1.86	2.87	0.00
<i>Blepharis maderaspatensis</i>	2.73	3.49	3.57	3.63	3.94	4.29	3.30
<i>Ipomoea pes-tigridis</i>	4.02	3.50	3.62	4.03	3.01	2.39	0.00
<i>Euphorbia hirta</i>	4.60	4.20	4.38	3.82	2.94	4.19	6.66
<i>Amaranthus spinosus</i>	2.58	2.30	2.38	3.50	3.79	5.50	8.69
<i>Spermacoce articulans</i>	0.00	4.19	3.89	3.30	3.59	1.67	0.00
<i>Launaea procumbens</i>	6.42	3.50	3.62	3.23	3.49	4.86	3.00
<i>Leucas aspera</i>	3.63	3.11	3.19	2.90	2.11	1.38	2.68
<i>Evolvulus alsinoides</i>	3.05	3.79	3.78	2.91	3.15	2.26	0.00
<i>Blumea lacera</i>	0.00	0.00	0.00	2.78	3.32	4.77	13.99
<i>Blumea obliqua</i>	0.00	0.00	0.00	2.50	2.85	4.06	11.34
<i>Hyptis suaveolens</i>	0.00	2.40	2.16	2.36	2.54	3.58	5.00
<i>Pavonia zeylanica</i>	2.58	2.10	2.16	2.36	2.54	3.58	3.30
<i>Physalis minima</i>	2.33	2.20	2.27	2.23	2.41	1.68	4.31
<i>Sida cordifolia</i>	2.20	2.10	2.06	2.22	2.39	2.62	0.00
<i>Tranthesma portulacastrum</i>	2.49	2.40	2.49	2.21	2.20	1.52	0.00
<i>Dalechampia scandens</i> var <i>cordifana</i>	1.89	1.91	1.95	2.08	2.23	1.43	0.00

Table (3c) - IVI values of site Nandesari for year 2003

Name of the species	July	Aug	Sept	Oct	Nov	Dec	Jan
<i>Crotalaria medicaginea</i>	21 12	26 06	27 69	30 06	25 28	19 85	12 73
<i>Cynadon dactylon</i>	12 75	17 27	18 26	21 70	24 05	21 92	27 81
<i>Cassia tora</i>	11 89	16 65	15 77	18 48	18 33	17 44	16 77
<i>Xanthium strumarum</i>	27 76	23 15	23 63	19 05	21 05	17 84	12 30
<i>Tephrosia purpurea</i>	47 38	20 54	19 91	13 91	13 23	11 13	12 90
<i>Echinochloa colonum</i>	9 65	12 26	12 51	9 71	10 02	15 21	11 87
<i>Dactyloctenium aegyptium</i>	7 49	6 64	6 67	8 01	8 84	7 83	16 21
<i>Achyranthes aspera</i>	5 43	6 47	6 29	7 92	6 36	5 56	8 26
<i>Eragrostis cilians</i>	10 48	9 09	9 10	7 46	8 26	7 44	9 45
<i>Cassia occidentalis</i>	4 85	5 21	4 79	6 62	7 28	4 13	0 00
<i>Justicia diffusa</i>	0 00	6 23	6 56	5 94	6 53	6 82	3 45
<i>Hedyotis corymbosa</i>	7 15	9 30	8 38	6 36	5 38	4 92	0 00
<i>Anstida adscensionis</i>	5 56	7 66	7 33	5 84	6 44	9 82	12 90
<i>Indigofera linnaei</i>	5 95	5 41	5 12	5 84	5 45	5 96	0 00
<i>Tridax procumbens</i>	10 38	8 67	9 18	5 99	5 61	8 54	17 35
<i>Cenchrus ciliaris</i>	5 12	6 13	7 22	6 01	6 63	6 34	9 42
<i>Crotalaria hebecarpa</i>	5 38	6 64	7 00	5 16	5 00	4 45	0 00
<i>Acanthospermum hispidum</i>	3 93	3 47	3 31	5 53	6 09	5 11	4 61
<i>Commelina nudiflora</i>	4 14	3 37	3 31	4 31	4 73	4 59	0 00
<i>Phyllanthus amarus</i>	6 24	7 25	6 56	5 50	5 19	5 08	3 48
<i>Indigofera cordifolia</i>	4 65	4 50	4 60	5 41	3 74	4 35	4 04
<i>Vernonia cinerea</i>	4 06	4 70	4 68	4 83	5 29	8 00	9 25
<i>Sida acuta</i>	5 74	5 21	4 68	5 41	5 94	7 73	12 71
<i>Lindernia oppositifolia</i>	0 00	5 65	5 28	4 90	4 90	2 23	4 53
<i>Amaranthus viridis</i>	3 33	3 47	3 58	5 25	5 75	5 11	4 61
<i>Teramnus labialis</i>	4 82	3 98	3 58	5 25	5 75	5 56	5 57
<i>Trichodesma indicum</i>	4 51	4 29	4 46	5 12	4 64	4 35	0 00
<i>Boerhavia diffusa</i>	3 93	4 49	4 24	4 54	4 97	6 13	7 51
<i>Croton bonplandianum</i>	7 37	3 88	3 91	4 40	4 81	5 59	10 97
<i>Sida rhombifolia</i>	4 20	6 49	6 31	4 40	4 81	4 62	0 00
<i>Digera muricata</i>	4 51	3 78	3 80	4 25	1 94	3 21	0 00
<i>Blepharis maderaspatensis</i>	2 80	3 58	3 64	3 70	4 07	4 62	3 46
<i>Ipomoea pes-tigris</i>	4 20	3 57	3 69	4 11	3 10	2 58	0 00
<i>Euphorbia hirta</i>	4 82	4 29	4 46	3 88	3 01	4 45	6 96
<i>Amaranthus spinosus</i>	2 70	2 35	2 42	3 58	3 92	6 01	9 22
<i>Spermacoce articularis</i>	0 00	4 29	3 97	3 35	3 68	1 76	0 00
<i>Launaea procumbens</i>	6 86	3 57	3 69	3 28	3 56	5 11	3 13
<i>Leucas aspera</i>	3 79	3 17	3 25	2 94	2 15	1 44	2 78
<i>Evolvulus alsinoides</i>	3 15	3 88	3 86	2 94	3 23	2 39	0 00
<i>Blumea lacera</i>	0 00	0 00	0 00	2 84	3 42	5 15	14 99
<i>Blumea obliqua</i>	0 00	0 00	0 00	2 55	2 94	4 35	12 10
<i>Hyptis suaveolens</i>	0 00	2 45	2 20	2 40	2 61	3 82	5 19
<i>Pavonia zeylanica</i>	2 70	2 14	2 20	2 40	2 61	3 82	3 46
<i>Physalis minima</i>	2 41	2 25	2 31	2 27	2 47	1 78	0 00
<i>Sida cordifolia</i>	2 28	2 14	2 09	2 26	2 45	2 75	0 00
<i>Trianthema portulacastrum</i>	2 59	2 45	2 53	2 24	2 25	1 60	0 00
<i>Dalechampia scandens var cordofana</i>	1 95	1 94	1 98	2 11	2 29	1 51	0 00

Table (3d) - Comparative IVI values of site Nandesari for years 2001- 2003

Name of the species	2001	2002	2003
<i>Xanthium strumarum</i>	35 77	27 74	19 05
<i>Cassia tora</i>	19 06	19 65	18 48
<i>Tephrosia purpurea</i>	19 06	14 88	13 91
<i>Crotalaria medicaginea</i>	15 19	23 32	30 06
<i>Cynodon dactylon</i>	15 41	21 22	21 70
<i>Echinochloa colonum</i>	15 03	9 56	9 71
<i>Indigofera cordifolia</i>	10 59	5 30	5 41
<i>Hedyotis corymbosa</i>	10 18	6 27	6 36
<i>Achyranthes aspera</i>	9 98	7 73	7 92
<i>Dactyloctenium aegyptium</i>	9 61	7 85	8 01
<i>Tridax procumbens</i>	8 81	5 87	5 99
<i>Cassia occidentalis</i>	8 84	6 47	6 62
<i>Boerhavia diffusa</i>	8 15	4 46	4 54
<i>Commelina nudiflora</i>	7 79	4 21	4 31
<i>Croton bonplandianum</i>	6 60	4 31	4 40
<i>Indigofera linnaei</i>	6 56	5 73	5 84
<i>Eragrostis ciliaris</i>	5 59	7 35	7 46
<i>Phyllanthus amarus</i>	5 61	5 42	5 50
<i>Leucas aspera</i>	5 49	2 90	2 94
<i>Blumea obliqua</i>	7 96	2 50	2 55
<i>Crotalaria hebecarpa</i>	5 23	5 08	5 16
<i>Trichodesma indicum</i>	5 12	5 02	5 12
<i>Teramnus labialis</i>	5 13	5 13	5 25
<i>Justicia diffusa</i>	4 94	5 83	5 94
<i>Polygala erioptera</i>	4 56	0 00	0 00
<i>Sida acuta</i>	4 56	5 30	5 41
<i>Euphorbia hirta</i>	4 56	3 82	3 88
<i>Digera muncata</i>	4 46	4 17	4 25
<i>Sida rhombifolia</i>	4 28	4 31	4 40
<i>Blumea lacera</i>	5 76	2 78	2 84
<i>Ipomoea pes-tigrdis</i>	4 08	4 03	4 11
<i>Trianthema portulacastrum</i>	3 32	2 21	2 24
<i>Cenchrus ciliaris</i>	3 34	5 92	6 01
<i>Pergularia daemia</i>	3 23	0 00	0 00
<i>Launaea procumbens</i>	3 05	3 23	3 28
<i>Ocimum gratissimum</i>	1 86	0 00	0 00
<i>Spermacoce articulans</i>	1 24	3 30	3 35
<i>Aristida adscensionis</i>	0 00	5 75	5 84
<i>Acanthospermum hispidum</i>	0 00	5 39	5 53
<i>Vernonia cinerea</i>	0 00	4 74	4 83
<i>Lindernia oppositifolia</i>	0 00	4 83	4 90
<i>Amaranthus viridis</i>	0 00	5 13	5 25
<i>Blepharis maderaspatensis</i>	0 00	3 63	3 70
<i>Amaranthus spinosus</i>	0 00	3 50	3 58
<i>Evolvulus alsinoides</i>	0 00	2 91	2 94
<i>Pavonia zeylanica</i>	0 00	2 36	2 40
<i>Physalis minima</i>	0 00	2 23	2 27
<i>Sida cordifolia</i>	0 00	2 22	2 26
<i>Hyptis suaveolens</i>	0 00	2 36	2 40
<i>Dalechampia scandens var cordofana</i>	0 00	2 08	2 11

Tables 4 (a-c) - IVI values of site IPCL for years 2001-2002

Table (4a) - IVI values of site IPCL for year 2001

Name of the species	July	Aug	Sept	Oct	Nov	Dec	Jan
<i>Elytrana acaulis</i>	54 14	60 93	42 30	40 08	50 39	45 49	28 89
<i>Echinochloa colonum</i>	28 34	23 01	24 94	30 15	31 43	38 28	43 49
<i>Cenchrus biflorus</i>	19 26	14 05	24 43	24 95	25 66	17 97	37 71
<i>Evolvulus nummularis</i>	20 31	18 10	20 82	20 21	20 49	19 01	26 36
<i>Crotalaria medicaginea</i>	21 90	17 57	16 69	16 24	15 42	14 31	25 32
<i>Teramnus labialis</i>	14 42	11 16	15 88	14 89	14 45	10 84	19 73
<i>Commelina nudiflora</i>	12 81	10 67	15 18	15 30	15 30	24 08	12 25
<i>Hedyotis corymbosa</i>	17 92	16 03	14 67	14 69	15 33	11 49	12 34
<i>Lindernia ciliata</i>	0 00	14 79	12 84	12 54	3 63	0 00	0 00
<i>Cynodon dactylon</i>	11 51	10 40	12 34	12 03	12 56	21 16	26 06
<i>Lindernia oppositifolia</i>	0 00	15 03	10 95	10 65	5 11	0 00	0 00
<i>Cassia tora</i>	14 71	12 01	10 54	10 33	10 40	9 00	0 00
<i>Acalypha indica</i>	8 69	7 74	9 35	9 18	9 12	10 55	6 66
<i>Commelina benghalensis</i>	9 28	8 29	8 81	9 10	9 27	4 05	4 16
<i>Sida acuta</i>	11 93	9 95	8 45	8 22	9 40	9 15	0 00
<i>Blepharis maderaspatensis</i>	5 11	4 58	7 13	6 99	6 92	12 08	0 00
<i>Eragrostis pilosa</i>	7 05	5 80	5 28	5 17	4 96	6 33	13 26
<i>Opismenus burmannii</i>	6 89	6 16	5 10	5 59	5 84	8 65	18 81
<i>Trianthema portulacastrum</i>	5 51	4 72	4 92	5 33	5 70	5 69	6 67
<i>Evolvulus alsinoides</i>	4 37	4 89	4 78	4 23	4 42	3 37	6 63
<i>Achyranthes aspera</i>	3 85	3 09	4 48	4 39	4 42	4 19	0 00
<i>Paspalidium flavidum</i>	5 55	4 96	4 34	3 94	3 79	3 37	6 63
<i>Phyllanthus amarus</i>	5 11	4 44	4 06	4 00	4 12	5 01	0 00
<i>Sida rhombifolia</i>	3 28	3 24	3 09	3 25	3 08	3 73	0 00
<i>Digera muncata</i>	3 12	2 80	2 70	2 67	2 72	3 88	0 00
<i>Trumfetta rhomboidea</i>	2 03	1 82	2 05	2 03	2 05	3 10	0 00
<i>Desmodium triflorum</i>	2 23	2 01	2 05	2 05	2 14	2 68	0 00
<i>Boerhavia diffusa</i>	1 78	1 60	1 68	1 67	1 73	2 42	4 94

Table (4b) - IVI values of site IPCL for year 2002

Name of the species	July	Aug	Sept	Oct	Nov	Dec	Jan
<i>Elytrana acaulis</i>	50 88	61 55	40 88	44 06	50 00	33 97	33 69
<i>Echinochloa colonum</i>	18 25	15 53	20 60	21 29	21 32	27 09	19 89
<i>Cenchrus biflorus</i>	25 68	17 82	19 63	19 94	21 44	27 00	24 64
<i>Evolvulus nummulans</i>	19 16	16 99	18 24	15 96	12 88	11 28	14 53
<i>Crotalaria medicaginea</i>	19 19	16 34	17 76	17 70	16 88	14 87	29 79
<i>Teramnus labialis</i>	20 11	17 20	17 63	16 26	15 34	12 82	7 15
<i>Commelina nudiflora</i>	0 00	13 84	14 64	14 75	9 29	0 00	0 00
<i>Hedyotis corymbosa</i>	16 55	13 07	14 19	12 08	12 47	9 51	11 51
<i>Lindernia ciliata</i>	12 29	11 05	13 10	14 08	15 15	23 77	31 39
<i>Cynodon dactylon</i>	11 56	10 60	12 54	10 73	11 12	9 86	5 53
<i>Lindernia oppositifolia</i>	13 47	9 84	12 48	12 86	11 84	19 17	14 87
<i>Cassia tora</i>	0 00	11 18	9 98	8 83	7 49	0 00	0 00
<i>Acalypha indica</i>	9 71	9 47	9 78	9 48	11 52	13 56	5 81
<i>Commelina benghalensis</i>	9 80	9 05	9 11	7 93	7 82	3 88	0 00
<i>Sida acuta</i>	9 25	6 92	8 48	8 78	9 01	6 55	5 81
<i>Blepharis maderaspatensis</i>	8 98	8 26	7 11	7 56	7 22	11 13	17 58
<i>Eragrostis pilosa</i>	8 89	8 19	7 05	8 53	9 12	14 07	17 89
<i>Optismenus burmannii</i>	5 92	5 37	5 90	6 74	7 03	7 66	0 00
<i>Trianthema portulacastrum</i>	5 63	4 74	5 63	5 82	5 44	7 85	14 73
<i>Evolvulus alsinoides</i>	6 20	6 13	5 44	6 18	6 66	7 80	13 26
<i>Achyranthes aspera</i>	4 64	3 62	4 90	4 92	5 02	7 48	8 94
<i>Paspalidium flavidum</i>	4 11	3 94	4 60	4 31	4 58	5 14	7 18
<i>Phyllanthus amarus</i>	4 72	4 70	4 53	5 06	4 80	7 07	0 00
<i>Sida rhombifolia</i>	4 50	3 05	4 09	4 28	4 42	3 10	4 26
<i>Digera muncata</i>	3 82	4 22	3 98	4 08	4 25	6 04	0 00
<i>Trumfetta rhomboidea</i>	3 70	3 15	3 25	3 27	3 33	4 49	8 52
<i>Desmodium triflorum</i>	2 28	1 93	2 22	2 29	2 33	2 80	2 90
<i>Boerhavia diffusa</i>	2 37	2 09	2 11	2 09	2 10	1 90	0 00

Table (4c) - Comparative IVI values of site IPCL for year 2001- 2002

Name of the species	2001	2002
<i>Elytrana acaulis</i>	42 30	40 88
<i>Echinochloa colonum</i>	24 94	19 63
<i>Cenchrus biflorus</i>	24 43	20 60
<i>Evolvulus nummularis</i>	20 82	17 76
<i>Crotalaria medicaginea</i>	16 69	18 24
<i>Teramnus labialis</i>	15 88	12 48
<i>Commelina nudiflora</i>	15 18	12 54
<i>Hedyotis corymbosa</i>	14 67	14 19
<i>Lindernia cilata</i>	12 84	14 64
<i>Cynadon dactylon</i>	12 34	13 10
<i>Lindernia oppositifolia</i>	10 95	9 98
<i>Cassia tora</i>	10 54	17 63
<i>Acalypha indica</i>	9 35	8 48
<i>Commelina benghalensis</i>	8 81	9 11
<i>Sida acuta</i>	8 45	9 78
<i>Blepharis maderaspatensis</i>	7 13	4 90
<i>Eragrostis pilosa</i>	5 28	7 11
<i>Oplismenus burmannii</i>	5 10	7 05
<i>Tranthena portulacastrum</i>	4 92	4 09
<i>Evolvulus alsinoides</i>	4 78	4 60
<i>Achyranthes aspera</i>	4 48	5 63
<i>Paspalum flavidum</i>	4 34	5 44
<i>Phyllanthus amarus</i>	4 06	5 90
<i>Sida rhombifolia</i>	3 09	4 53
<i>Digera muricata</i>	2 70	3 98
<i>Trumfetta rhomboidea</i>	2 05	2 22
<i>Desmodium triflorum</i>	2 05	2 11
<i>Boerhavia diffusa</i>	1 68	3 25

Tables 5 (a-c) - IVI values of site LVP for years 2001-2002

Table (5a) - IVI values of site LVP for year 2001

Name of the species	July	Aug	Sept	Oct	Nov	Dec	Jan
<i>Achyranthes aspera</i>	15 84	18 48	24 96	24 81	26 17	19 55	10 32
<i>Tephrosia purpurea</i>	8 69	9 15	14 98	15 34	16 27	9 86	11 88
<i>Cenchrus ciliaris</i>	12 81	13 21	12 21	12 25	11 17	10 85	9 89
<i>Echinochloa colonum</i>	12 11	11 90	11 75	11 86	10 63	12 42	14 50
<i>Commelina nudiflora</i>	12 16	13 02	11 94	11 22	10 61	13 47	16 26
<i>Indigofera cordifolia</i>	9 49	8 66	9 97	10 04	9 66	8 57	10 07
<i>Crotalaria medicaginea</i>	6 04	5 83	9 63	9 85	9 73	8 92	10 83
<i>Crotalaria hebecarpa</i>	12 90	13 88	9 26	9 43	9 11	8 30	9 97
<i>Sida acuta</i>	7 82	6 95	9 28	9 41	9 34	11 74	14 14
<i>Synedrella nodiflora</i>	26 61	23 82	13 06	9 39	9 46	11 74	7 90
<i>Parthenium hysterophorus</i>	8 87	8 51	8 76	8 89	9 58	10 25	12 42
<i>Euphorbia hirta</i>	8 34	8 01	9 27	8 82	8 53	8 79	10 33
<i>Cynadon dactylon</i>	10 46	8 74	8 65	8 68	8 02	8 16	9 48
<i>Alysicarpus montifer</i>	11 33	11 24	8 65	8 67	8 69	6 42	0 00
<i>Commelina benghalensis</i>	10 56	9 95	8 55	8 55	8 27	6 43	7 61
<i>Indigofera linnaei</i>	7 22	7 27	8 50	8 55	8 70	10 80	12 81
<i>Tridax procumbens</i>	9 72	9 23	8 00	8 08	8 70	10 88	13 08
<i>Sida cordifolia</i>	6 92	7 24	7 89	7 94	8 45	10 43	12 59
<i>Dactyloctenium aegyptium</i>	7 74	8 22	8 13	7 63	7 72	7 84	9 13
<i>Hedyotis corymbosa</i>	6 66	7 03	7 38	7 41	6 23	5 30	6 13
<i>Corchorus aestuans</i>	4 79	4 69	7 22	7 34	7 63	6 64	0 00
<i>Boerhavia diffusa</i>	6 67	6 63	7 35	7 29	7 71	8 71	6 58
<i>Cymbopogon martinii</i>	6 64	7 02	7 57	7 22	7 43	9 27	11 00
<i>Setaria verticillata</i>	6 59	7 19	7 11	7 14	7 79	9 64	11 25
<i>Rhynchosia minima</i>	9 65	9 15	6 37	6 26	6 39	6 59	7 57
<i>Phyllanthus amarus</i>	6 37	6 24	6 24	6 20	6 35	6 03	5 93
<i>Tranthena portulacastrum</i>	7 64	7 01	6 23	6 19	5 81	6 72	2 51
<i>Eragrostis ciliaris</i>	5 87	6 23	6 72	6 09	6 07	7 62	9 06
<i>Dipteracanthus prostratus</i>	4 44	4 69	5 20	4 78	5 13	6 45	7 83
<i>Cleome viscosa</i>	4 24	4 53	5 11	4 36	3 61	4 55	0 00
<i>Ipomoea pes-tigrdis</i>	5 79	5 13	4 40	4 32	4 51	3 59	4 11
<i>Acalypha indica</i>	3 24	4 24	2 65	4 00	3 25	3 09	2 06
<i>Blumea mollis</i>	0 00	0 00	0 00	3 24	4 02	5 12	6 04
<i>Blumea lacera</i>	0 00	0 00	0 00	2 14	2 92	3 42	4 04
<i>Kyllinga tenuifolia</i>	2 14	2 01	2 12	2 10	1 82	0 00	0 00
<i>Alternanthera sessilis</i>	2 46	2 58	2 12	2 10	2 22	2 64	2 63
<i>Polygala eriopetra</i>	2 04	2 13	2 39	2 03	2 14	2 53	2 19
<i>Sida rhombifolia</i>	1 49	1 53	1 99	1 97	2 07	0 00	0 00
<i>Elytrana acaulis</i>	2 27	2 38	1 98	1 95	2 06	2 42	2 84
<i>Trumfetta rotundifolia</i>	1 90	1 96	1 88	1 86	1 94	2 28	2 69
<i>Abutilon indicum</i>	1 61	1 55	1 51	1 48	1 52	1 71	1 98
<i>Trichosanthes cucumenna</i>	1 71	1 76	1 56	1 45	1 42	0 00	0 00
<i>Spermacoce articulans</i>	0 00	0 80	1 45	1 36	1 13	0 00	0 00

Table (5b) - IVI values of site IPCL for year 2002

Name of the species	July	Aug	Sept	Oct	Nov	Dec	Jan
<i>Achyranthes aspera</i>	30 86	21 41	28 50	28 31	29 30	32 24	14 18
<i>Crotalaria medicaginea</i>	11 40	9 07	13 63	13 28	14 58	15 43	0 00
<i>Alysicarpus monilifer</i>	21 86	16 21	12 50	11 79	12 06	3 18	0 00
<i>Synedrella nodiflora</i>	14 68	24 70	11 80	11 73	10 48	9 56	6 61
<i>Hedyotis corymbosa</i>	10 31	9 04	11 07	11 25	10 45	8 75	0 00
<i>Cynadon dactylon</i>	8 50	9 58	10 44	10 19	11 61	19 95	27 40
<i>Cenchrus ciliaris</i>	8 92	9 26	9 40	9 56	10 30	16 16	29 20
<i>Sida acuta</i>	6 94	6 78	9 01	9 08	9 92	19 49	23 15
<i>Tephrosia purpurea</i>	10 57	8 88	8 88	8 99	10 06	8 18	0 00
<i>Acalypha indica</i>	7 40	9 39	8 32	8 12	9 20	13 20	17 65
<i>Commelina nudiflora</i>	10 54	7 99	7 98	7 78	8 07	12 57	11 44
<i>Trianthema portulacastrum</i>	11 19	7 87	7 19	7 45	6 51	6 22	3 58
<i>Setaria verticillata</i>	7 59	7 72	7 48	7 44	7 27	11 41	20 48
<i>Echinochloa colonum</i>	6 42	7 08	7 57	7 39	9 00	14 83	27 96
<i>Crotalaria hebecarpa</i>	8 57	8 34	7 32	7 39	7 07	3 92	0 00
<i>Phyllanthus amarus</i>	5 18	4 52	7 42	7 24	7 65	6 93	0 00
<i>Dactyloctenium aegyptium</i>	7 93	8 36	7 29	7 12	7 92	14 82	20 12
<i>Commelina benghalensis</i>	11 31	8 57	7 19	7 02	6 65	3 59	0 00
<i>Indigofera cordifolia</i>	4 40	4 51	6 08	6 76	5 76	3 20	0 00
<i>Parthenium hysterophorus</i>	5 97	4 30	6 30	6 14	6 51	12 53	17 79
<i>Indigofera linnaei</i>	4 81	4 89	6 00	6 10	5 65	3 92	0 00
<i>Rungia pectinata</i>	0 00	11 92	6 22	6 07	5 65	3 67	0 00
<i>Eragrostis ciliaris</i>	5 45	5 48	6 14	5 99	7 18	10 58	16 49
<i>Lindernia oppositifolia</i>	0 00	0 00	6 14	5 37	3 42	0 00	0 00
<i>Spermacoce articulans</i>	0 00	6 72	5 51	5 26	3 96	0 00	0 00
<i>Euphorbia hirta</i>	5 75	4 98	5 21	5 09	5 29	9 91	9 59
<i>Boerhavia diffusa</i>	5 54	5 11	4 85	4 98	4 96	8 05	14 04
<i>Ipomoea pes-tigridis</i>	5 69	4 65	4 39	4 28	3 25	0 00	0 00
<i>Sida rhombifolia</i>	3 21	3 03	3 59	4 16	4 25	0 00	0 00
<i>Lindernia ciliata</i>	0 00	0 00	4 72	4 11	2 85	0 00	0 00
<i>Cleome viscosa</i>	4 79	3 84	4 06	3 96	3 93	0 00	0 00
<i>Elytrana acaulis</i>	4 14	3 72	3 60	3 51	3 82	4 26	7 86
<i>Alternanthera sessilis</i>	6 37	4 86	3 57	3 49	3 37	1 96	0 00
<i>Blumea lacera</i>	0 00	0 00	0 00	3 41	4 24	8 52	15 72
<i>Corchorus aestuans</i>	3 78	3 42	3 49	3 40	3 25	1 62	2 89
<i>Sida cordifolia</i>	3 75	3 95	3 42	3 33	3 86	3 64	6 74
<i>Alysicarpus hamosus</i>	5 84	4 99	3 21	3 30	3 40	0 00	0 00
<i>Cassia pumila</i>	4 54	3 71	3 03	3 29	2 26	0 00	0 00
<i>Tindax procumbens</i>	4 40	3 95	3 29	3 22	3 72	3 92	7 01
<i>Kyllinga tenuifolia</i>	0 00	3 23	3 21	3 13	2 44	0 00	0 00
<i>Tephrosia strigosa</i>	0 00	2 45	2 48	2 42	1 87	3 67	0 00
<i>Rhynchosia minima</i>	2 70	2 45	2 20	2 15	2 23	0 00	0 00
<i>Cassia absus</i>	3 24	2 90	2 14	2 09	2 12	0 00	0 00
<i>Indigofera astragalina</i>	1 80	1 98	2 01	1 96	1 50	0 00	0 00
<i>Bidens biternata</i>	2 45	2 21	2 01	1 96	2 06	0 00	0 00
<i>Clitoria biflora</i>	1 93	1 75	1 87	1 82	1 68	0 00	0 00
<i>Dipteracanthus prostratus</i>	1 93	1 75	1 69	1 65	1 69	0 00	0 00
<i>Sclerocarpus africanus</i>	2 45	2 21	1 69	1 65	1 70	0 00	0 00
<i>Hibiscus lobatus</i>	0 00	1 75	1 57	1 54	1 55	0 00	0 00
<i>Polygala enoptera</i>	1 62	1 49	1 55	1 51	1 46	0 00	0 00
<i>Blainvillaea acmella</i>	3 11	2 79	1 55	1 51	0 77	0 00	0 00

Table (5c) - Comparative IVI values of site LVP for year 2001- 2002

Name of the species	2001	2002
<i>Achyranthes aspera</i>	24 81	28 31
<i>Tephrosia purpurea</i>	15 34	8 99
<i>Cenchrus ciliaris</i>	12 25	9 56
<i>Echinochloa colonum</i>	11 86	7 39
<i>Commelina nudiflora</i>	11 22	7 78
<i>Indigofera cordifolia</i>	10 04	6 76
<i>Crotalaria medicaginea</i>	9 85	13 28
<i>Crotalaria hebecarpa</i>	9 43	7 39
<i>Sida acuta</i>	9 41	9 08
<i>Synedrella nodiflora</i>	9 39	11 73
<i>Parthenium hysterophorus</i>	8 89	6 14
<i>Euphorbia hirta</i>	8 82	5 09
<i>Cynadon dactylon</i>	8 68	10 19
<i>Alysicarpus monilifer</i>	8 67	11 79
<i>Commelina benghalensis</i>	8 55	7 02
<i>Indigofera linnaei</i>	8 55	6 10
<i>Tridax procumbens</i>	8 08	3 22
<i>Sida cordifolia</i>	7 94	3 33
<i>Dactyloctenium aegyptium</i>	7 63	7 12
<i>Hedyotis corymbosa</i>	7 41	11 25
<i>Corchorus aestuans</i>	7 34	3.40
<i>Boerhavia diffusa</i>	7 29	4 98
<i>Cymbopogon martini</i>	7 22	0 00
<i>Setaria verticillata</i>	7 14	7 44
<i>Rhynchosia minima</i>	6 26	2 15
<i>Phyllanthus amarus</i>	6 20	7 24
<i>Trianthema portulacastrum</i>	6 19	7 45
<i>Eragrostis ciliaris</i>	6 09	5 99
<i>Dipteracanthus prostratus</i>	4 78	1 65
<i>Cleome viscosa</i>	4 36	3 96
<i>Ipomoea pes-tigrdis</i>	4 32	4 28
<i>Acalypha indica</i>	4 00	8 12
<i>Blumea mollis</i>	3 24	0 00
<i>Blumea lacera</i>	2 14	3 41
<i>Kyllinga tenuifolia</i>	2 10	3 13
<i>Alternanthera sessilis</i>	2 10	3 49
<i>Polygala enoptera</i>	2 03	1 51
<i>Sida rhombifolia</i>	1 97	4 16
<i>Elytrana acaulis</i>	1 95	3 51
<i>Triumfetta rotundifolia</i>	1 86	0 00
<i>Abutilon indicum</i>	1 48	0 00
<i>Trichosanthes cucumenna</i>	1 45	0 00
<i>Spermacoce articularis</i>	1 36	5 26
<i>Alysicarpus hamosus</i>	0 00	3 30
<i>Hibiscus lobatus</i>	0 00	1 54
<i>Indigofera astragalina</i>	0 00	1 96
<i>Rungia pectinata</i>	0 00	6 07
<i>Tephrosia strigosa</i>	0 00	2 42
<i>Cassia pumila</i>	0 00	3 29
<i>Sclerocarpus africanus</i>	0 00	1 65
<i>Bidens biternata</i>	0 00	1 96
<i>Lindernia oppositifolia</i>	0 00	5 37
<i>Lindernia ciliata</i>	0 00	4 11
<i>Clitoria biflora</i>	0 00	1 82
<i>Cassia absus</i>	0 00	2 08
<i>Blainvillea acmella</i>	0 00	1 51

Tables 6 (a-d) - IVI values of site Timbi for years 2001-2003  
Table (6a) - IVI values of site Timbi for year 2001

Name of the species	July	Aug	Sept
<i>Phyla nodiflora</i>	15 01	35 74	27 14
<i>Heliotropium supinum</i>	24 78	20 16	23 39
<i>Coldenia procumbens</i>	29 93	22 61	19 62
<i>Merremia emarginata</i>	16 81	10 97	16 63
<i>Cynadon dactylon</i>	15 55	14 99	14 27
<i>Brachiana ramosa</i>	16 78	14 97	13 93
<i>Cenchrus ciliars</i>	11 47	10 95	10 95
<i>Dinebra retroflexa</i>	8 32	7 69	7 41
<i>Alternanthera sessilis</i>	10 07	6 29	7 34
<i>Phyllanthus amarus</i>	8 76	7 21	6 96
<i>Crotalaria hebecarpa</i>	4 72	5 14	6 37
<i>Euphorbia hirta</i>	7 09	6 38	6 27
<i>Euphorbia microphylla</i>	7 62	6 29	6 09
<i>Encicostema axillare</i>	6 33	5 56	5 36
<i>Paspalidium flavidum</i>	4 94	5 12	5 03
<i>Evolvulus nummularus</i>	5 09	4 73	4 64
<i>Gomphrena celosoides</i>	5 00	4 55	4 47
<i>Ipomoea aquatica</i>	5 37	4 67	4 45
<i>Eclipta prostrata</i>	4 48	4 37	4 24
<i>Justicia diffusa</i>	3 73	4 22	4 15
<i>Cassia tora</i>	2 85	3 60	4 13
<i>Tridax procumbens</i>	2 86	2 87	4 07
<i>Parthenium hysterophorus</i>	3 15	3 51	4 01
<i>Alysicarpus monilifer</i>	3 78	3 96	3 93
<i>Alysicarpus hamosus</i>	0 00	3 94	3 87
<i>Hedyotis corymbosa</i>	1 71	3 94	3 87
<i>Phyllanthus simplex</i>	5 01	4 27	3 61
<i>Sarcostemma secamone</i>	2 69	3 95	3 44
<i>Alysicarpus longifolius</i>	0 00	0 00	3 40
<i>Euphorbia hypericifolia</i>	3 86	3 39	3 37
<i>Vigna trilobata</i>	2 27	3 33	3 23
<i>Commelina benghalensis</i>	3 37	3 09	3 03
<i>Desmodium triflorum</i>	3 49	3 03	3 02
<i>Evolvulus alsinoides</i>	3 09	3 03	3 02
<i>Teramnus labialis</i>	3 54	2 98	2 97
<i>Ipomoea pes-tigrdis</i>	2 77	2 62	2 87
<i>Grangea maderaspatana</i>	3 15	2 89	2 84
<i>Glinus oppositifolius</i>	3 28	2 92	2 83
<i>Cressa cretica</i>	3 01	2 74	2 69
<i>Trianthema portulacastrum</i>	2 65	2 65	2 57
<i>Launaea procumbens</i>	3 18	2 65	2 57
<i>Rhynchosia minima</i>	2 70	2 56	2 52
<i>Verbascum chinensis</i>	2 86	2 56	2 49
<i>Glinus lotoides</i>	2 76	2 48	2 40
<i>Cyperus difformis</i>	2 97	2 48	2 40
<i>Melochia corchorifolia</i>	2 04	1 89	2 35
<i>Spermacoce articularis</i>	0 00	2 28	2 24
<i>Portulaca oleracea</i>	2 19	2 02	2 23
<i>Sida acuta</i>	1 97	2 21	2 15
<i>Chrozophora prostrata</i>	2 90	2 21	2 12
<i>Dentella repens</i>	1 97	1 95	1 94
<i>Cleome chelidoni</i>	1 31	1 93	1 90
<i>Polygala arvensis</i>	0 00	1 83	1 74
<i>Spermacoce pusilla</i>	0 00	1 61	1 58
<i>Cassia occidentalis</i>	1 16	1 26	1 38
<i>Digera mucicata</i>	1 89	1 28	1 26
<i>Bergia ammannioides</i>	1 38	1 28	1 26

Table (6b) - IVI values of site Timbi for year 2002

Name of the species	July	Aug	Sept
<i>Phyla nodiflora</i>	14 66	33 76	28 74
<i>Heliotropium supinum</i>	27 23	22 01	23 44
<i>Coldenia procumbens</i>	27 35	22 38	19 31
<i>Merremia emarginata</i>	18 37	11 99	16 65
<i>Cynadon dactylon</i>	14 89	13 82	13 60
<i>Brachiana ramosa</i>	15 91	13 82	12 91
<i>Cenchrus cilians</i>	11 65	10 36	9 92
<i>Dinebra retroflexa</i>	9 10	8 49	7 89
<i>Alternanthera sessilis</i>	8 86	5 95	6 79
<i>Phyllanthus amarus</i>	7 75	6 73	6 29
<i>Crotalaria hebecarpa</i>	7 23	6 45	6 18
<i>Euphorbia hirta</i>	5 43	6 07	5 82
<i>Euphorbia microphylla</i>	6 67	5 86	5 52
<i>Enicostema axillare</i>	4 18	4 00	4 93
<i>Paspalidium flavidum</i>	0 00	4 33	4 74
<i>Evolvulus nummularius</i>	5 43	4 85	4 65
<i>Gomphrena celosioides</i>	4 65	4 89	4 61
<i>Ipomoea aquatica</i>	5 82	5 07	4 58
<i>Eclipta prostrata</i>	4 04	4 01	4 53
<i>Justicia diffusa</i>	5 86	4 96	4 49
<i>Cassia tora</i>	5 17	4 64	4 46
<i>Tridax procumbens</i>	3 59	4 37	4 10
<i>Parthenium hysterophorus</i>	3 15	3 67	4 04
<i>Alysicarpus monilifer</i>	0 00	3 62	3 94
<i>Alysicarpus hamosus</i>	3 07	2 71	3 80
<i>Hedyotis corymbosa</i>	4 18	3 83	3 76
<i>Phyllanthus simplex</i>	3 04	2 73	3 61
<i>Sarcostemma secamone</i>	4 52	4 02	3 55
<i>Alysicarpus longifolius</i>	2 62	3 66	3 40
<i>Euphorbia hypericifolia</i>	2 38	2 88	3 38
<i>Vigna trilobata</i>	3 10	4 13	3 26
<i>Commelina benghalensis</i>	3 90	3 57	3 26
<i>Desmodium triflorum</i>	2 90	2 86	3 24
<i>Evolvulus alsinoides</i>	0 00	3 23	3 18
<i>Teramnus labialis</i>	2 89	3 06	3 08
<i>Ipomoea pes-tigridis</i>	3 48	3 12	3 00
<i>Grangea maderaspatana</i>	3 23	2 76	2 93
<i>Glinus oppositifolius</i>	3 37	3 03	2 93
<i>Cressa cretica</i>	0 00	0 00	2 87
<i>Trianthema portulacastrum</i>	3 19	2 86	2 75
<i>Launaea procumbens</i>	3 04	2 73	2 63
<i>Rhynchosia minima</i>	2 30	2 36	2 55
<i>Verbascum chinensis</i>	3 34	2 60	2 50
<i>Glinus lotoides</i>	3 38	2 97	2 48
<i>Cyperus difformis</i>	2 97	2 62	2 48
<i>Melochia corchorifolia</i>	3 01	2 59	2 39
<i>Spermacoce articulans</i>	2 08	2 18	2 34
<i>Portulaca oleracea</i>	2 87	2 53	2 32
<i>Sida acuta</i>	1 68	1 45	2 11
<i>Chrozophora prostrata</i>	0 00	2 27	2 01
<i>Dentella repens</i>	1 48	1 35	1 90
<i>Cleome chelidoni</i>	2 29	2 01	1 89
<i>Polygala arvensis</i>	1 46	1 48	1 80
<i>Spermacoce pusilla</i>	2 19	1 92	1 73
<i>Cassia occidentalis</i>	1 31	1 19	1 55
<i>Digera muncata</i>	1 68	1 51	1 46
<i>Bergia ammannioides</i>	1 46	1 32	1 28

Table (6c) - IVI values of site Timbi for year 2003

Name of the species	July	Aug	Sept
<i>Phyla nodiflora</i>	18 46	33 37	29 57
<i>Heliotropium supinum</i>	26 94	23 56	26 49
<i>Coldenia procumbens</i>	27 07	21 98	19 75
<i>Cynadon dactylon</i>	15 62	14 19	13 73
<i>Brachiana ramosa</i>	16 93	14 00	13 26
<i>Merremia emarginata</i>	10 16	11 15	10 50
<i>Cenchrus ciliaris</i>	10 46	9 50	9 21
<i>Dinebra retroflexa</i>	8 98	7 94	7 50
<i>Phyllanthus amarus</i>	7 64	6 77	6 42
<i>Euphorbia hirta</i>	7 13	6 47	6 28
<i>Alternanthera sessilis</i>	9 79	6 50	6 17
<i>Alysicarpus monilifer</i>	5 05	4 71	6 01
<i>Euphorbia microphylla</i>	6 57	5 84	5 59
<i>Ipomoea aquatica</i>	5 79	4 82	5 28
<i>Eclipta prostrata</i>	4 58	5 48	5 26
<i>Alysicarpus hamosus</i>	0 00	4 46	5 17
<i>Encostema axillare</i>	5 75	5 09	4 83
<i>Phyllanthus simplex</i>	5 35	4 86	4 72
<i>Gomphrena celosoides</i>	5 09	4 62	4 50
<i>Paspalidium flavidum</i>	4 84	4 39	4 27
<i>Polygala arvensis</i>	0 00	3 73	4 25
<i>Parthenium hysterophorus</i>	3 09	3 20	4 16
<i>Crotalaria hebecarpa</i>	4 55	4 13	4 02
<i>Euphorbia hypericifolia</i>	3 84	3 55	3 96
<i>Justicia diffusa</i>	3 43	4 00	3 89
<i>Evolvulus nummularius</i>	4 45	3 71	3 60
<i>Glinus oppositifolius</i>	3 54	3 14	3 58
<i>Vigna trilobata</i>	2 34	3 20	3 56
<i>Tridax procumbens</i>	2 99	3 53	3 45
<i>Alysicarpus longifolius</i>	0 00	2 60	3 45
<i>Evolvulus alsinoides</i>	4 12	3 45	3 43
<i>Launaea procumbens</i>	3 54	3 38	3 25
<i>Sida acuta</i>	3 17	2 94	3 23
<i>Hedyotis corymbosa</i>	2 91	3 24	3 21
<i>Spermacoce articulans</i>	0 00	3 20	3 13
<i>Sarcostemma secamone</i>	2 57	3 28	3 12
<i>Teramnus labialis</i>	3 29	2 82	3 07
<i>Grangea maderaspatana</i>	3 31	2 94	2 88
<i>Verbascum chinensis</i>	2 93	2 24	2 86
<i>Desmodium triflorum</i>	2 85	2 61	2 82
<i>Trianthema portulacastrum</i>	2 16	2 51	2 81
<i>Glinus lotoides</i>	2 82	2 51	2 81
<i>Commelina benghalensis</i>	2 99	2 71	2 65
<i>Melochia corchorifolia</i>	3 02	2 05	2 58
<i>Rhynchosia minima</i>	2 77	2 25	2 50
<i>Cressa cretica</i>	3 14	2 52	2 46
<i>Chrozophora prostrata</i>	2 96	2 58	2 43
<i>Cassia tora</i>	2 85	2 78	2 33
<i>Ipomoea pes-tigridis</i>	2 26	2 24	2 17
<i>Bergia ammannioides</i>	2 41	2 18	2 14
<i>Portulaca oleracea</i>	1 58	1 56	2 05
<i>Spermacoce pusilla</i>	0 00	2 05	2 02
<i>Cyperus difformis</i>	2 26	2 00	1 92
<i>Dentella repens</i>	1 92	1 62	1 79
<i>Cleome chelidonii</i>	0 75	0 81	0 84
<i>Digera muncata</i>	1 44	1 30	1 28
<i>Cassia occidentalis</i>	1 44	1 38	1 25

Table (6d) - Comparative IVI values of site Timbi for year 2001- 2003

Name of the species	2001	2002	2003
<i>Phyla nodiflora</i>	27 14	28 74	29 57
<i>Heliotropium supinum</i>	23 39	23 44	26 49
<i>Coldenia procumbens</i>	19 62	19 31	19 75
<i>Merremia emarginata</i>	16 63	16 65	10 50
<i>Cynadon dactylon</i>	14 27	13 60	13 73
<i>Brachiana ramosa</i>	13 93	12 91	13 26
<i>Cenchrus ciliars</i>	10 95	9 92	9 21
<i>Dinebra retroflexa</i>	7 41	7 89	7 50
<i>Alternanthera sessilis</i>	7 34	6 79	6 17
<i>Phyllanthus amarus</i>	6 96	6 29	6 42
<i>Crotalaria hebecarpa</i>	6 37	4 93	4 02
<i>Euphorbia hirta</i>	6 27	6 18	6 28
<i>Euphorbia microphylla</i>	6 09	5 52	5 59
<i>Enicostema axillare</i>	5 36	4 58	4 83
<i>Paspalidium flavidum</i>	5 03	5 82	4 27
<i>Evolvulus nummularius</i>	4 64	3 55	3 60
<i>Gomphrena celosoides</i>	4 47	4 46	4 50
<i>Ipomoea aquatica</i>	4 45	4 49	5 28
<i>Eclipta prostrata</i>	4 24	4 61	5 26
<i>Justicia diffusa</i>	4 15	3 00	3 89
<i>Cassia tora</i>	4 13	3 08	2 33
<i>Tridax procumbens</i>	4 07	3 61	3 45
<i>Parthenium hysterophorus</i>	4 01	4 04	4 16
<i>Alysicarpus monilifer</i>	3 93	4 53	6 01
<i>Alysicarpus hamosus</i>	3 87	4 74	5 17
<i>Hedyotis corymbosa</i>	3 87	3 26	3 21
<i>Phyllanthus simplex</i>	3 61	4 65	4 72
<i>Sarcostemma secamone</i>	3 44	3 40	3 12
<i>Alysicarpus longifolius</i>	3 40	2 87	3 45
<i>Euphorbia hypericifolia</i>	3 37	3 26	3 96
<i>Vigna trilobata</i>	3 23	3 38	3 56
<i>Commelina benghalensis</i>	3 03	2 63	2 65
<i>Desmodium triflorum</i>	3 02	3 24	2 82
<i>Evolvulus alsinoides</i>	3 02	3 76	3 43
<i>Teramnus labialis</i>	2 97	2 93	3 07
<i>Ipomoea pes-tigndis</i>	2 87	2 55	2 17
<i>Grangea maderaspatana</i>	2 84	2 93	2 88
<i>Glinus oppositifolius</i>	2 83	2 48	3 58
<i>Cressa cretica</i>	2 69	2 75	2 46
<i>Tranthena portulacastrum</i>	2 57	4 10	3 25
<i>Launaea procumbens</i>	2 57	1 73	2 81
<i>Rhynchosia minima</i>	2 52	2 50	2 50
<i>Verbascum chinensis</i>	2 49	2 48	2 86
<i>Glinus lotoides</i>	2 40	1 89	1 92
<i>Cyperus difformis</i>	2 40	2 32	2 81
<i>Melochia corchorifolia</i>	2 35	3 80	2 58
<i>Spermacoce articulans</i>	2 24	3 18	3 13
<i>Portulaca oleracea</i>	2 23	2 11	2 05
<i>Sida acuta</i>	2 15	2 34	3 23
<i>Chrozophora prostrata</i>	2 12	2 39	2 43
<i>Dentella repens</i>	1 94	1 90	1 79
<i>Cleome chelidonii</i>	1 90	1 55	0 84
<i>Polygala arvensis</i>	1 74	3 94	4 25
<i>Spermacoce pusilla</i>	1 58	2 01	2 02
<i>Cassia occidentalis</i>	1 38	1 80	1 25
<i>Digera muricata</i>	1 26	1 46	2 14
<i>Bergia ammannioides</i>	1 26	1 28	1 28

Tables 7 (a-d) - IVI values of site Mevli for years 2001-2003

Table (7a) - IVI values of site Mevli for year 2001

Name of the species	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb
<i>Cassia tora</i>	22 60	24 50	23 07	26 96	11 40	9 20	10 95	0 00
<i>Crotalaria medicaginea</i>	21 24	23 87	21 12	24 14	14 70	13 17	13 18	7 77
<i>Tephrosia purpurea</i>	19 64	27 63	20 38	23 96	11 44	13 55	13 12	16 74
<i>Cynadon dactylon</i>	12 69	11 21	10 28	11 32	12 72	8 55	12 72	25 46
<i>Commelina nudiflora</i>	14 83	11 88	7 59	7 93	8 03	9 64	8 13	0 00
<i>Eragrostis cilians</i>	4 16	3 86	6 66	7 89	5 13	6 10	7 65	15 17
<i>Convolvulus prostratus</i>	5 56	4 75	6 48	7 52	4 32	5 16	8 81	17 24
<i>Cassia occidentalis</i>	4 84	4 29	6 02	7 04	7 24	8 53	6 00	0 00
<i>Chlons barbata</i>	11 37	9 21	6 55	7 02	6 61	7 43	16 06	31 86
<i>Oplismenus burmannii</i>	6 53	5 99	6 29	6 81	6 50	7 82	7 46	14 79
<i>Lindernia oppositifolia</i>	0 00	0 00	8 14	6 38	5 76	4 74	0 00	0 00
<i>Commelina benghalensis</i>	12 57	8 88	6 11	6 23	5 78	2 98	0 00	0 00
<i>Phyllanthus amarus</i>	8 65	7 19	5 74	6 02	8 67	7 68	6 26	0 00
<i>Paspalidium flavidum</i>	6 48	5 39	5 22	5 82	3 95	2 91	6 04	11 81
<i>Euphorbia hirta</i>	7 20	6 38	5 41	5 67	10 22	11 60	10 36	8 51
<i>Rungia pectinata</i>	0 00	0 00	5 59	5 64	6 17	7 17	0 00	0 00
<i>Evolvulus alsinoides</i>	7 20	7 42	9 59	5 58	5 28	4 77	2 55	0 00
<i>Hedyotis corymbosa</i>	10 02	8 09	10 97	5 29	6 49	8 34	5 96	0 00
<i>Cassia pumila</i>	0 00	5 03	4 43	5 09	2 57	2 37	0 00	0 00
<i>Spermacoce pusilla</i>	0 00	5 08	4 96	5 09	3 12	2 16	0 00	0 00
<i>Setaria glauca</i>	7 30	6 08	4 64	4 87	4 46	5 14	10 80	9 45
<i>Crotalaria hebecarpa</i>	7 60	5 22	4 31	4 73	10 23	8 41	11 11	0 00
<i>Elytrana acaulis</i>	0 00	5 82	4 13	4 43	5 31	6 24	6 07	0 00
<i>Tridax procumbens</i>	6 82	5 53	11 60	4 23	6 67	6 58	8 75	5 20
<i>Tephrosia stngosa</i>	0 00	6 53	4 33	4 22	4 81	4 87	2 42	0 00
<i>Cleome viscosa</i>	5 26	3 99	3 73	4 12	5 78	6 53	7 19	0 00
<i>Lindernia ciliata</i>	0 00	0 00	3 94	4 06	7 16	8 53	0 00	0 00
<i>Digera muricata</i>	6 37	4 84	3 42	3 67	5 10	6 02	13 23	0 00
<i>Waltheria indica</i>	7 18	5 41	3 21	3 52	4 25	4 92	4 56	6 83
<i>Indigofera cordifolia</i>	3 65	3 53	3 36	3 48	3 21	2 40	1 77	0 00
<i>Justicia diffusa</i>	0 00	0 00	3 11	3 37	4 90	5 79	0 00	0 00
<i>Indigofera linnaei</i>	3 72	3 30	3 13	3 35	4 14	3 22	1 72	0 00
<i>Spermacoce articularis</i>	0 00	5 03	4 33	3 35	3 79	2 64	0 00	0 00
<i>Eclipta prostrata</i>	5 34	4 39	4 30	3 12	3 66	4 26	2 90	0 00
<i>Cymbopogon martinii</i>	3 39	3 01	2 84	3 02	2 38	2 80	1 68	3 34
<i>Sida acuta</i>	4 89	3 42	2 73	2 96	2 74	3 15	4 83	9 45
<i>Zornia gibbosa</i>	3 80	3 36	2 65	2 85	15 42	12 43	13 56	8 92
<i>Thunfetta rotundifolia</i>	2 79	2 37	2 50	2 76	2 36	2 68	2 81	0 00
<i>Blephans maderaspatensis</i>	0 00	0 00	2 61	2 76	2 59	2 99	4 35	8 62
<i>Synedrella nodiflora</i>	4 27	3 51	2 61	2 76	4 00	2 68	0 00	0 00
<i>Launaea procumbens</i>	3 98	3 35	5 52	2 73	2 90	3 32	5 26	10 40
<i>Sclerocarpus africanus</i>	5 93	4 36	2 38	2 67	3 43	4 01	0 00	0 00
<i>Alternanthera pungens</i>	3 90	3 23	2 44	2 56	2 87	3 34	3 70	7 40
<i>Kyllinga tenuifolia</i>	3 90	3 23	2 44	2 56	2 05	0 85	0 00	0 00
<i>Sphaeranthus indicus</i>	0 00	0 00	2 28	2 55	2 27	2 65	5 69	11 38
<i>Polygala enoptera</i>	4 15	3 42	2 55	2 43	4 90	4 12	4 04	0 00
<i>Blumea lacera</i>	0 00	0 00	2 18	2 43	2 73	3 18	6 88	13 94
<i>Hybanthus enneaspermus</i>	1 96	3 13	2 26	2 30	2 30	2 64	4 73	0 00
<i>Indigofera astragalina</i>	3 41	2 85	2 21	2 30	3 75	4 35	0 00	0 00
<i>Crotalaria burhia</i>	4 87	3 63	2 08	2 30	2 86	3 32	7 19	14 64
<i>Sida rhombifolia</i>	3 16	2 47	2 13	2 25	2 22	2 52	5 24	0 00
<i>Alysicarpus monilifer</i>	2 81	2 49	2 36	2 20	3 39	1 99	0 00	0 00
<i>Pupalia lappacea</i>	2 46	2 07	1 98	2 18	3 26	3 79	8 25	16 92
<i>Hibiscus ovalifolius</i>	1 97	1 68	1 59	1 70	1 90	2 16	4 56	9 15
<i>Ocimum gratissimum</i>	1 97	1 68	1 59	1 70	2 23	2 56	0 00	0 00
<i>Tephrosia villosa</i>	1 95	1 73	1 61	1 68	2 67	3 09	3 92	0 00
<i>Desmodium triflorum</i>	1 96	1 45	1 36	1 31	2 01	2 31	0 00	0 00
<i>Solanum nigrum</i>	1 27	1 09	1 02	1 09	1 20	1 37	2 87	5 73
<i>Solanum indicum</i>	1 27	1 09	1 02	1 09	1 20	1 37	2 87	5 73
<i>Abutilon indicum</i>	1 15	1 00	0 93	0 97	0 82	0 91	1 83	3 54

Table (7b) - IVI values of site Mevli for year 2002

Name of the species	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb
<i>Tephrosia purpurea</i>	21 41	17 60	28 23	26 94	27 45	28 63	30 90	30 08
<i>Cassia tora</i>	24 64	28 01	26 60	25 48	25 97	22 66	23 17	17 96
<i>Crotalaria medicaginea</i>	19 13	24 18	22 73	22 30	25 76	23 55	25 43	13 65
<i>Cynadon dactylon</i>	14 25	13 32	12 53	12 34	11 22	11 57	10 78	19 87
<i>Evolvulus alsinoides</i>	7 06	6 04	5 93	9 14	5 58	5 41	4 31	0 00
<i>Commelina nudiflora</i>	14 47	12 16	8 07	8 13	7 54	7 51	5 90	5 65
<i>Eragrostis ciliaris</i>	4 08	3 96	7 68	7 78	6 06	6 63	4 87	5 79
<i>Hedyotis corymbosa</i>	9 28	8 38	6 97	7 49	7 32	6 95	8 14	5 60
<i>Oplismenus burmannii</i>	7 41	7 12	7 22	7 36	6 77	7 00	7 38	9 74
<i>Chlons barbata</i>	11 12	9 91	7 02	7 10	6 63	7 07	10 86	19 69
<i>Convolvulus prostratus</i>	5 13	4 83	7 14	6 40	7 22	7 89	12 01	22 75
<i>Commelina benghalensis</i>	12 26	10 07	6 36	6 27	5 81	6 24	2 95	0 00
<i>Cassia occidentalis</i>	5 20	4 05	6 06	6 13	6 97	7 66	6 27	0 00
<i>Phyllanthus amarus</i>	7 96	6 99	5 92	6 04	6 49	5 98	3 79	0 00
<i>Paspalidium flavidum</i>	6 37	5 79	5 86	5 87	5 06	5 35	7 94	14 43
<i>Cleome viscosa</i>	4 90	5 23	5 41	5 46	5 41	5 06	3 54	0 00
<i>Euphorbia hirta</i>	7 06	6 63	5 63	5 39	5 75	6 18	4 84	8 74
<i>Setaria glauca</i>	7 18	6 52	4 99	4 99	4 77	4 98	3 46	6 12
<i>Cassia pumila</i>	0 00	4 57	4 86	4 92	5 61	4 61	2 75	0 00
<i>Spermocoe pusilla</i>	0 00	4 78	4 74	4 45	3 61	3 02	2 63	0 00
<i>Tndax procumbens</i>	6 67	6 15	4 37	4 42	4 63	4 97	7 09	9 39
<i>Lindernia oppositifolia</i>	0 00	0 00	5 88	4 41	4 76	5 15	2 74	0 00
<i>Sida acuta</i>	5 95	4 90	4 17	4 22	4 25	4 20	4 59	8 46
<i>Rungia pectinata</i>	0 00	0 00	4 50	4 03	3 69	4 01	1 37	0 00
<i>Lindernia ciliata</i>	0 00	0 00	4 34	3 90	3 63	3 44	0 95	0 00
<i>Blephans maderaspatensis</i>	0 00	2 12	4 07	3 84	3 53	3 82	5 28	7 06
<i>Waltheria indica</i>	7 02	6 00	3 58	3 57	3 15	3 30	4 83	8 68
<i>Justicia diffusa</i>	0 00	0 00	4 07	3 46	3 19	3 44	2 41	0 00
<i>Eclipta prostrata</i>	5 23	4 31	3 26	3 27	3 76	3 99	3 31	0 00
<i>Spermocoe articulans</i>	0 00	4 10	3 52	3 26	3 02	2 68	2 32	0 00
<i>Crotalaria hebecarpa</i>	5 77	4 16	3 53	3 23	3 26	2 93	2 95	0 00
<i>Sphaeranthus indicus</i>	0 00	0 00	0 00	3 16	3 52	5 21	7 87	15 04
<i>Indigofera cordifolia</i>	3 53	3 21	3 11	3 14	3 73	4 00	2 32	1 23
<i>Indigofera linnaei</i>	3 66	3 21	3 11	3 14	3 73	4 00	6 06	0 00
<i>Cymbopogon martini</i>	3 33	3 15	3 05	3 07	2 89	3 06	2 84	5 04
<i>Zornia gibbosa</i>	3 72	3 02	2 96	3 01	2 79	2 36	1 89	0 00
<i>Digera muncata</i>	6 22	5 52	3 85	2 82	2 67	2 81	3 89	0 00
<i>Launaea procumbens</i>	3 92	3 59	2 83	2 82	3 15	3 30	4 36	7 76
<i>Tephrosia strigosa</i>	0 00	4 16	2 78	2 82	3 43	2 73	1 68	0 00
<i>Tephrosia villosa</i>	2 24	2 91	2 80	2 82	3 29	3 02	2 00	0 00
<i>Tnumfetta rotundifolia</i>	2 75	2 54	2 81	2 80	2 65	2 79	4 06	7 37
<i>Blumea lacera</i>	0 00	0 00	0 00	2 68	2 97	4 26	6 39	12 12
<i>Sclerocarpus afincanus</i>	5 78	4 86	2 67	2 68	2 29	2 24	1 84	0 00
<i>Polygala enoptera</i>	4 66	3 88	2 87	2 63	2 94	2 82	1 84	0 00
<i>Synedrella nodiflora</i>	4 19	3 77	2 80	2 50	2 85	3 02	4 47	0 00
<i>Alysicarpus monilifer</i>	2 95	2 77	2 51	2 43	3 05	1 66	1 16	0 00
<i>Alternanthera pungens</i>	3 83	3 47	2 62	2 37	2 27	2 36	3 46	6 12
<i>Crotalaria burhia</i>	4 76	4 04	2 33	2 33	2 03	2 14	3 15	5 70
<i>Kyllinga tenuifolia</i>	3 83	2 95	2 31	2 31	2 22	2 30	0 00	0 00
<i>Indigofera astragalina</i>	3 35	2 85	2 25	2 24	2 50	2 62	0 00	0 00
<i>Pupalia lappacea</i>	2 42	2 22	2 22	2 21	1 94	2 04	3 00	5 39
<i>Sida rhombifolia</i>	2 75	2 42	2 10	2 10	2 69	2 41	2 28	0 00
<i>Desmodium triflorum</i>	2 50	2 05	2 02	2 05	2 52	2 74	1 95	0 00
<i>Hibiscus ovalifolius</i>	1 94	1 81	1 76	1 74	1 59	1 65	2 36	4 17
<i>Ocimum gratissimum</i>	1 94	1 81	1 76	1 74	1 59	1 65	1 20	0 00
<i>Hybanthus enneaspermus</i>	2 31	2 52	1 92	1 73	1 94	1 84	2 68	2 98
<i>Elytrana acaulis</i>	0 00	1 74	1 83	1 60	1 50	1 59	2 42	4 37
<i>Abutilon indicum</i>	1 38	1 27	1 25	1 24	1 33	1 40	2 03	3 69
<i>Solanum indicum</i>	1 26	1 17	1 13	1 12	1 03	1 06	1 52	2 67
<i>Solanum nigrum</i>	1 26	1 17	1 13	1 12	1 03	1 06	1 52	2 67

Table (7c) - IVI values of site Mevli for year 2003

Name of the species	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb
<i>Abutilon indicum</i>	1 58	1 41	1 49	1 51	1 75	0 91	1 83	3 54
<i>Alternanthera pungens</i>	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00
<i>Alysicarpus monilifer</i>	2 31	2 37	2 44	2 04	0 96	1 99	0 00	0 00
<i>Blepharis maderaspatensis</i>	0 00	3 71	2 98	2 78	2 24	2 99	4 35	8 62
<i>Blumea lacera</i>	0 00	0 00	0 00	3 06	6 01	3 18	6 88	13 94
<i>Spermacoce articulans</i>	0 00	3 46	2 66	2 48	2 81	2 64	0 00	0 00
<i>Spermacoce pusilla</i>	0 00	3 59	4 02	2 81	3 54	2 16	0 00	0 00
<i>Cassia occidentalis</i>	5 48	5 10	8 46	8 89	6 73	8 53	6 00	0 00
<i>Cassia pumila</i>	0 00	3 73	4 31	4 05	3 37	2 37	0 00	0 00
<i>Cassia tora</i>	19 48	18 38	20 29	16 73	11 07	9 20	10 95	0 00
<i>Chloris barbata</i>	13 19	11 40	8 45	7 98	9 14	7 43	16 06	31 86
<i>Cleome viscosa</i>	2 75	2 39	2 09	2 15	2 02	6 53	7 19	0 00
<i>Commelina benghalensis</i>	14 67	10 37	6 49	6 00	5 84	2 98	0 00	0 00
<i>Commelina nudiflora</i>	17 27	9 49	6 94	6 77	6 85	9 64	8 13	0 00
<i>Convolvulus prostratus</i>	5 98	5 57	8 91	9 33	11 77	5 16	8 81	17 24
<i>Crotalaria medicaginea</i>	22 67	29 69	34 99	31 51	26 63	13 17	13 18	7 77
<i>Crotalaria burhia</i>	5 70	4 60	2 83	2 90	3 05	3 32	7 19	14 64
<i>Cymbopogon martini</i>	3 86	3 59	3 65	3 74	4 27	2 80	1 68	3 34
<i>Cynodon dactylon</i>	16 88	14 15	14 78	15 54	16 21	8 55	12 72	25 46
<i>Kyllinga tenuifolia</i>	4 48	3 93	3 11	3 16	3 58	0 85	0 00	0 00
<i>Desmodium triflorum</i>	2 08	1 72	1 75	1 79	1 76	2 31	0 00	0 00
<i>Digera mucicata</i>	0 44	0 61	0 00	0 00	0 00	0 00	0 00	0 00
<i>Eclipta prostrata</i>	6 15	5 37	4 18	4 26	6 44	4 26	2 90	0 00
<i>Elytrana acaualis</i>	0 00	3 71	2 06	2 12	1 44	6 24	6 07	0 00
<i>Eragrostis ciliaris</i>	4 73	4 59	9 69	10 20	10 38	6 10	7 65	15 17
<i>Euphorbia hirta</i>	6 83	6 36	5 21	5 06	6 83	11 60	10 36	8 51
<i>Evolvulus alsinoides</i>	8 26	7 69	7 94	9 77	7 30	4 77	2 55	0 00
<i>Crotalaria hebecarpa</i>	4 35	3 00	2 71	2 82	3 71	8 41	11 11	0 00
<i>Hibiscus ovalifolius</i>	2 23	2 00	2 09	2 11	1 76	2 16	4 56	9 15
<i>Hybanthus enneaspermus</i>	2 66	3 22	2 04	2 06	2 89	2 64	4 73	0 00
<i>Indigofera astragalina</i>	3 90	3 44	2 80	2 83	2 24	4 35	0 00	0 00
<i>Indigofera cordifolia</i>	4 09	3 80	3 88	3 66	3 86	2 40	1 77	0 00
<i>Indigofera linnaei</i>	4 24	3 44	3 50	3 58	5 48	3 22	1 72	0 00
<i>Justicia diffusa</i>	0 00	14 25	4 74	4 95	4 59	5 79	0 00	0 00
<i>Launaea procumbens</i>	4 54	4 02	3 33	3 36	4 65	3 32	5 26	10 40
<i>Lindernia ciliata</i>	0 00	0 00	3 52	3 44	4 02	8 53	0 00	0 00
<i>Lindernia oppositifolia</i>	0 00	0 00	4 66	3 67	1 84	4 74	0 00	0 00
<i>Ocimum gratissimum</i>	2 23	2 00	2 09	2 11	1 44	2 56	0 00	0 00
<i>Hedyotis corymbosa</i>	7 21	6 57	6 21	6 84	4 42	8 34	5 96	0 00
<i>Oplismenus burmanni</i>	8 64	8 32	9 02	8 66	7 40	7 82	7 46	14 79
<i>Paspalum flavidum</i>	7 44	6 54	7 15	7 36	7 71	2 91	6 04	11 81
<i>Phyllanthus amarus</i>	9 34	6 94	6 04	6 27	6 06	7 68	6 26	0 00
<i>Polygala enoptera</i>	3 83	3 34	2 58	2 64	2 72	4 12	4 04	0 00
<i>Pupalia lappacea</i>	2 81	2 49	2 68	2 75	2 40	3 79	8 25	16 92
<i>Rungia pectinata</i>	0 00	0 00	4 66	4 87	2 81	7 17	0 00	0 00
<i>Sclerocarpus africanus</i>	6 96	5 57	3 28	3 38	2 09	4 01	0 00	0 00
<i>Setaria glauca</i>	8 38	7 37	5 91	6 00	6 77	5 14	10 80	9 45
<i>Sida acuta</i>	5 50	4 17	3 83	3 93	4 99	3 15	4 83	9 45
<i>Sida rhombifolia</i>	3 17	2 58	2 44	2 45	2 97	2 52	5 24	0 00
<i>Solanum indicum</i>	1 44	1 29	1 35	1 36	1 44	1 37	2 87	5 73
<i>Solanum nigrum</i>	1 44	1 29	1 35	1 36	1 44	1 37	2 87	5 73
<i>Sphaeranthus indicus</i>	0 00	0 00	0 00	3 22	5 17	2 65	5 69	11 38
<i>Synedrella nodiflora</i>	4 92	4 29	3 34	3 41	4 99	2 68	0 00	0 00
<i>Tephrosia purpurea</i>	11 48	7 59	14 33	13 44	14 35	13 55	13 12	16 74
<i>Tephrosia strigosa</i>	0 00	4 44	3 28	3 05	2 89	4 87	2 42	0 00
<i>Tephrosia villosa</i>	2 58	2 40	2 43	2 39	3 06	3 09	3 92	0 00
<i>Tridax procumbens</i>	7 90	6 83	5 10	5 25	7 02	6 58	8 75	5 20
<i>Triumfetta rotundifolia</i>	3 17	2 83	3 41	3 48	4 05	2 68	2 81	0 00
<i>Waltheria indica</i>	8 38	6 82	4 32	4 42	4 16	4 92	4 56	6 83
<i>Zornia gibbosa</i>	2 39	2 15	2 21	2 28	2 63	12 43	13 56	8 92

Table (7d) - Comparative IVI values of site Mevli for year 2001- 2003

Name of the species	2001	2002	2003
<i>Cassia tora</i>	26.96	25.48	16.73
<i>Crotalaria medicaginea</i>	24.14	22.30	31.51
<i>Tephrosia purpurea</i>	23.96	26.94	13.44
<i>Cynadon dactylon</i>	11.32	12.34	15.54
<i>Commelina nudiflora</i>	7.93	8.13	6.77
<i>Eragrostis ciliaris</i>	7.89	7.78	10.20
<i>Convolvulus prostratus</i>	7.52	6.40	9.33
<i>Cassia occidentalis</i>	7.04	6.13	8.89
<i>Chions barbata</i>	7.02	7.10	7.98
<i>Opismenus burmannii</i>	6.81	7.36	8.66
<i>Lindernia oppositifolia</i>	6.38	4.41	3.67
<i>Commelina benghalensis</i>	6.23	6.27	6.00
<i>Phyllanthus amarus</i>	6.02	6.04	6.27
<i>Paspalidium flavidum</i>	5.82	5.87	7.36
<i>Euphorbia hirta</i>	5.67	5.39	5.06
<i>Rungia pectinata</i>	5.64	4.03	4.87
<i>Evolvulus alsinoides</i>	5.58	9.14	9.77
<i>Hedyotis corymbosa</i>	5.29	7.49	6.84
<i>Cassia pumila</i>	5.09	4.45	2.81
<i>Spermacoce pusilla</i>	5.09	4.92	4.05
<i>Setaria glauca</i>	4.87	4.99	6.00
<i>Crotalaria hebecarpa</i>	4.73	3.23	2.82
<i>Elytraria acaulis</i>	4.43	1.60	2.12
<i>Tridax procumbens</i>	4.23	4.42	5.25
<i>Tephrosia strigosa</i>	4.22	2.82	3.05
<i>Cleome viscosa</i>	4.12	5.46	2.15
<i>Lindernia ciliata</i>	4.06	3.90	3.44
<i>Digera muricata</i>	3.67	2.82	0.00
<i>Waltheria indica</i>	3.52	3.57	4.42
<i>Indigofera cordifolia</i>	3.48	3.14	3.66
<i>Justicia diffusa</i>	3.37	3.46	4.95
<i>Indigofera linnaei</i>	3.35	3.26	2.48
<i>Spermacoce articulans</i>	3.35	3.14	3.58
<i>Eclipta prostrata</i>	3.12	3.27	4.26
<i>Cymbopogon martinii</i>	3.02	3.07	3.74
<i>Sida acuta</i>	2.96	4.22	3.93
<i>Zornia gibbosa</i>	2.85	3.01	2.28
<i>Trumfetta rotundifolia</i>	2.76	3.84	2.78
<i>Blepharis maderaspatensis</i>	2.76	2.50	3.41
<i>Synedrella nodiflora</i>	2.76	2.80	3.48
<i>Launaea procumbens</i>	2.73	2.82	3.36
<i>Sclerocarpus africanus</i>	2.67	2.68	3.38
<i>Alteranthera pungens</i>	2.56	2.37	0.00
<i>Kyllinga tenuifolia</i>	2.56	2.31	3.16
<i>Sphaeranthus indicus</i>	2.55	3.16	3.22
<i>Polygala eriopora</i>	2.43	2.68	3.06
<i>Blumea lacera</i>	2.43	2.63	2.64
<i>Hybanthus enneaspermus</i>	2.30	2.33	2.90
<i>Indigofera astragalina</i>	2.30	1.73	2.06
<i>Crotalaria burhia</i>	2.30	2.24	2.83
<i>Sida rhombifolia</i>	2.25	2.10	2.45
<i>Alysicarpus monilifer</i>	2.20	2.43	2.04
<i>Pupalia lappacea</i>	2.18	2.21	2.75
<i>Hibiscus ovalifolius</i>	1.70	1.74	2.11
<i>Ocimum gratissimum</i>	1.70	1.74	2.11
<i>Tephrosia villosa</i>	1.68	2.82	2.39
<i>Desmodium triflorum</i>	1.31	2.05	1.79
<i>Solanum nigrum</i>	1.09	1.12	1.36
<i>Solanum indicum</i>	1.09	1.12	1.36
<i>Abutilon indicum</i>	0.97	1.24	1.51

Tables 8 (a-d) - IVI values of site Goral for years 2001-2003

Table (8a) - IVI values of site Goral for year 2001

Name of the species	July	Aug	Sept	Oct	Nov	Dec	Jan
<i>Crotalaria medicaginea</i>	16 17	18 16	19 68	19 34	24 75	29 05	26 87
<i>Cassia tora</i>	19 75	18 07	19 18	16 87	18 23	20 38	17 98
<i>Tephrosia purpurea</i>	8 32	10 37	9 35	8 70	8 33	9 86	9 68
<i>Hedyotis corymbosa</i>	11 66	10 09	8 51	8 28	8 00	11 70	0 00
<i>Teramnus labialis</i>	6 82	5 24	7 87	8 40	8 35	9 81	9 20
<i>Lindernia ciliata</i>	0 00	0 00	7 47	5 38	5 35	0 00	0 00
<i>Cynadon dactylon</i>	14 70	11 84	7 39	8 41	8 51	10 20	17 01
<i>Commelina nodiflora</i>	12 61	9 69	7 37	8 19	8 23	9 81	3 02
<i>Elytrana acaulis</i>	8 29	9 95	7 19	6 98	6 99	8 28	14 32
<i>Cenchrus ciliaris</i>	12 29	9 86	7 05	6 93	7 00	8 40	14 23
<i>Tridax procumbens</i>	9 44	7 48	6 64	6 50	6 55	7 79	13 00
<i>Cleome viscosa</i>	8 30	6 97	6 56	5 97	5 50	3 50	0 00
<i>Indigofera cordifolia</i>	5 28	5 13	6 50	6 78	6 78	8 03	6 29
<i>Cassia occidentalis</i>	5 66	6 28	6 38	5 89	6 19	7 30	5 13
<i>Lindernia oppositifolia</i>	0 00	0 00	6 25	7 02	6 55	4 55	0 00
<i>Oplismenus burmannii</i>	13 79	10 75	6 12	5 83	5 86	6 98	4 29
<i>Convolvulus prostratus</i>	5 55	4 59	5 83	5 69	5 73	6 82	11 56
<i>Indigofera linnaei</i>	0 00	3 47	5 62	5 64	5 65	6 69	2 00
<i>Digera muncata</i>	8 19	6 70	5 32	5 18	3 66	0 69	1 10
<i>Phyllanthus amarus</i>	6 44	5 44	4 86	5 69	5 09	2 45	3 82
<i>Tephrosia villosa</i>	5 04	3 87	4 83	4 68	4 67	5 50	9 54
<i>Crotalaria hebecarpa</i>	6 10	5 19	4 58	5 27	5 77	4 33	2 00
<i>Justicia diffusa</i>	0 00	6 18	4 35	4 76	4 79	5 70	3 67
<i>Chloris barbata</i>	5 71	4 92	4 30	4 74	4 81	2 15	3 27
<i>Evolvulus alsinoides</i>	3 30	2 82	4 28	4 19	4 24	5 03	2 70
<i>Rungia pectinata</i>	0 00	5 41	4 21	4 12	4 16	4 95	1 91
<i>Cymbopogon martinii</i>	7 14	5 84	4 17	4 10	4 15	4 97	8 26
<i>Spermacoce articulans</i>	0 00	0 00	4 14	4 12	2 88	1 61	2 62
<i>Catharanthus pusillus</i>	0 00	4 37	4 13	4 06	4 12	0 89	1 46
<i>Euphorbia hirta</i>	5 35	5 35	4 06	3 98	4 02	4 78	7 78
<i>Tephrosia strigosa</i>	5 03	4 08	3 98	5 26	5 26	4 08	0 00
<i>Gomphrena celosioides</i>	0 00	2 84	3 95	3 85	3 88	4 59	7 46
<i>Paspalidium flavidum</i>	6 51	5 41	3 83	3 77	3 82	2 13	3 40
<i>Desmodium triflorum</i>	3 02	2 47	3 77	3 47	3 08	2 26	0 00
<i>Commelina benghalensis</i>	5 98	4 47	3 69	3 90	2 90	0 00	0 00
<i>Boerhavia diffusa</i>	5 76	4 74	3 67	4 00	4 06	4 81	7 48
<i>Spermacoce stricta</i>	0 00	2 06	3 65	3 56	2 60	0 00	0 00
<i>Sida acuta</i>	5 35	4 73	3 55	3 18	3 20	2 18	0 00
<i>Cassia pumila</i>	0 00	3 21	3 45	3 46	3 49	1 38	2 21
<i>Kyllinga tenuifolia</i>	8 95	6 66	3 45	3 65	3 68	4 35	2 21
<i>Croton bonplandianum</i>	3 66	3 02	3 44	3 35	3 36	3 96	6 49
<i>Zornia gibbosa</i>	3 87	3 19	3 36	2 89	2 83	3 34	0 00
<i>Eclipta prostrata</i>	3 98	3 27	3 33	3 11	2 78	3 30	0 00
<i>Setaria glauca</i>	5 13	4 22	3 26	3 56	3 61	4 28	6 68
<i>Biophytum sensitivum</i>	0 00	3 52	3 18	3 11	2 63	1 58	1 44
<i>Blepharis maderaspatensis</i>	0 00	0 00	2 96	2 88	2 90	3 43	5 66
<i>Vernonia cinerea</i>	4 83	3 01	2 81	2 75	3 35	3 98	6 66
<i>Alysicarpus monilifer</i>	0 00	2 86	2 73	2 68	2 70	3 21	0 00
<i>Eragrostis ciliaris</i>	4 52	3 69	2 62	2 58	2 61	3 13	5 23
<i>Cleome gynandra</i>	2 51	2 07	2 54	2 47	2 48	2 92	4 73
<i>Hybanthus enneaspermus</i>	2 45	2 66	2 51	2 46	2 52	1 92	0 80
<i>Ocimum gratissimum</i>	5 07	3 97	2 47	2 42	2 45	2 90	4 48
<i>Polygala enoptera</i>	2 22	1 75	2 32	2 26	2 27	0 79	0 00
<i>Pedaliium murex</i>	2 94	2 41	2 32	2 26	1 59	0 00	0 00
<i>Sida alba</i>	2 61	2 24	2 07	2 03	2 06	2 43	0 00
<i>Hibiscus lobatus</i>	0 00	2 24	2 07	1 88	1 52	1 80	0 00
<i>Launaea procumbens</i>	2 83	2 33	2 00	1 96	1 99	2 36	3 66
<i>Aerva lanata</i>	0 00	0 00	1 98	1 94	1 96	2 32	3 59
<i>Euphorbia microphylla</i>	3 88	3 18	1 95	1 92	1 15	0 00	0 00
<i>Cassia absus</i>	2 94	2 41	1 92	2 10	2 12	2 52	4 12

<i>Abutilon indicum</i>	0 00	1 64	1 80	1 76	1 77	2 09	3 35
<i>Desmodium gangeticum</i>	0 00	0 00	1 57	1 53	1 54	1 82	2 85
<i>Urena lobata</i>	0 00	1 64	1 41	1 38	1 41	1 66	2 55
<i>Dalechampia scandens</i> var <i>cordofana</i>	0 00	0 00	1 33	1 31	1 33	1 24	1 76
<i>Blumea lacera</i>	0 00	0 00	0 00	1 38	1 69	1 92	4 44
<i>Blumea mollis</i>	0 00	0 00	0 00	1 24	1 48	1 75	4 16
<i>Sphaeranthus indicus</i>	0 00	0 00	0 00	0 86	0 96	1 14	2 21

Table (8b) - IVI values of site Goral for year 2002

Name of the species	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb
<i>Crotalaria medicaginea</i>	15 35	15 41	13 25	12 66	13 51	13 64	18 11	18 84
<i>Commelina nodiflora</i>	18 73	15 96	13 12	13 24	12 97	7 57	11 31	0 00
<i>Cassia tora</i>	12 22	13 19	10 66	12 34	12 06	13 77	16 11	9 88
<i>Teramnus labialis</i>	7 12	6 11	5 03	10 48	10 03	10 72	16 07	0 00
<i>Elytraria acaulis</i>	9 29	12 13	9 75	8 97	8 71	9 34	13 98	31 61
<i>Cleome viscosa</i>	11 96	10 50	12 57	8 96	8 58	11 29	2 78	0 00
<i>Cynodon dactylon</i>	14 76	12 62	10 39	8 51	8 45	9 10	13 58	11 90
<i>Lindernia ciliata</i>	0 00	0 00	6 02	8 41	8 09	8 68	0 00	0 00
<i>Hedyotis corymbosa</i>	9 98	8 60	8 06	7 50	6 74	5 78	9 22	10 08
<i>Lindernia oppositifolia</i>	0 00	0 00	9 04	7 17	6 50	5 55	4 40	0 00
<i>Cenchrus ciliaris</i>	12 39	10 58	8 70	7 05	7 00	7 56	11 29	13 16
<i>Tridax procumbens</i>	8 56	7 65	6 30	6 65	6 54	7 00	10 45	8 89
<i>Indigofera cordifolia</i>	5 40	5 53	4 26	6 41	6 24	6 68	5 35	0 00
<i>Oplismenus burmannii</i>	13 82	11 33	9 10	6 21	6 09	6 56	0 00	0 00
<i>Tephrosia purpurea</i>	8 36	8 38	6 63	6 07	5 92	6 31	9 43	16 13
<i>Convolvulus prostratus</i>	4 83	4 36	4 68	5 87	5 77	6 19	9 25	20 74
<i>Cymbopogon martinii</i>	9 46	8 11	6 67	5 49	5 46	5 87	8 75	10 81
<i>Digera muricata</i>	7 23	5 93	4 88	5 38	5 24	5 60	2 88	0 00
<i>Polygala eriopetra</i>	4 26	3 81	3 20	5 38	5 22	5 54	2 76	0 00
<i>Cassia occidentalis</i>	5 74	5 10	5 42	4 83	4 68	4 98	7 43	3 35
<i>Justicia diffusa</i>	0 00	0 00	4 08	4 90	4 82	5 17	7 73	0 00
<i>Phyllanthus amarus</i>	5 73	5 24	6 18	4 82	4 79	5 15	3 09	0 00
<i>Alysicarpus monilifer</i>	0 00	3 43	3 04	4 49	4 42	4 72	0 00	0 00
<i>Crotalaria hebecarpa</i>	3 14	3 37	4 43	3 91	3 85	3 38	1 57	1 75
<i>Spermacoce articulans</i>	0 00	4 87	4 23	4 31	4 19	4 49	0 00	0 00
<i>Evolvulus alsinoides</i>	5 40	4 88	4 22	4 26	4 20	4 48	6 68	6 32
<i>Tephrosia villosa</i>	5 25	3 77	3 10	4 28	4 13	4 41	6 59	0 00
<i>Chloris barbata</i>	5 71	5 13	4 33	4 18	4 20	4 50	0 00	0 00
<i>Rungia pectinata</i>	0 00	0 00	4 14	4 18	4 12	4 40	6 31	0 00
<i>Catharanthus pusillus</i>	0 00	3 50	3 76	4 07	4 05	0 66	0 98	2 17
<i>Commelina benghalensis</i>	5 76	4 94	4 07	4 06	4 00	1 67	0 00	0 00
<i>Euphorbia hirta</i>	4 05	4 68	3 79	4 03	3 97	4 23	6 31	6 89
<i>Indigofera linnaei</i>	0 00	2 42	3 47	4 03	3 95	4 19	6 25	0 00
<i>Biophytum sensitivum</i>	0 00	5 61	4 36	3 95	3 90	3 34	0 00	0 00
<i>Gomphrena celosioides</i>	0 00	3 77	4 31	3 93	3 85	4 08	6 09	13 50
<i>Hybanthus enneaspermus</i>	4 26	4 72	4 42	3 85	3 80	4 03	0 66	1 44
<i>Cassia pumila</i>	0 00	0 00	3 61	3 83	3 75	3 97	0 00	0 00
<i>Paspalidium flavidum</i>	6 51	5 58	4 59	3 79	3 77	4 05	6 04	13 41
<i>Desmodium triflorum</i>	4 65	3 26	2 76	3 33	3 27	3 50	5 23	0 00
<i>Kyllinga tenuifolia</i>	8 87	7 20	5 73	3 76	3 67	3 91	0 00	0 00
<i>Spermacoce stricta</i>	0 00	2 93	3 32	3 28	3 20	2 97	0 00	0 00
<i>Boerhavia diffusa</i>	5 64	4 88	4 03	3 53	3 51	3 71	0 00	0 00
<i>Croton bonplandianum</i>	3 48	3 02	3 14	3 31	3 77	4 00	5 97	13 36
<i>Tephrosia strobilata</i>	5 73	3 92	3 41	3 25	3 20	3 42	0 00	0 00
<i>Setaria glauca</i>	4 92	4 26	3 52	3 14	3 12	3 30	0 00	0 00
<i>Eclipta prostrata</i>	4 17	3 84	3 17	3 76	3 67	3 91	0 00	0 00
<i>Blepharis maderaspatensis</i>	0 00	0 00	3 03	2 96	2 90	3 08	4 60	10 25
<i>Vernonia cinerea</i>	4 13	4 21	3 09	2 91	2 87	3 05	4 55	10 01
<i>Sida acuta</i>	3 66	4 37	3 61	2 89	3 23	3 41	4 45	9 82
<i>Zornia gibbosa</i>	2 83	2 40	2 73	2 83	2 77	2 93	4 37	0 00
<i>Eragrostis ciliaris</i>	4 54	3 88	3 19	2 61	2 59	2 79	4 17	9 29
<i>Cleome gynandra</i>	2 44	2 12	2 13	2 54	2 47	2 61	3 89	8 64
<i>Ocimum gratissimum</i>	4 97	4 11	3 31	2 41	2 37	2 50	3 72	0 00
<i>Pedalium murex</i>	2 37	2 05	1 92	2 81	2 71	0 65	0 00	0 00
<i>Cassia absus</i>	3 28	2 62	2 15	2 13	2 10	2 24	3 34	0 00
<i>Sida alba</i>	2 55	2 21	1 83	2 03	2 29	2 42	2 12	0 00
<i>Launaea procumbens</i>	2 66	2 30	1 90	1 95	1 92	2 03	3 03	6 60
<i>Euphorbia microphylla</i>	3 24	2 78	2 29	1 92	1 91	2 04	0 00	0 00
<i>Aerva lanata</i>	0 00	0 00	1 53	1 93	1 90	2 00	2 98	6 51
<i>Desmodium gangeticum</i>	0 00	0 00	1 16	1 55	1 51	1 59	2 37	0 00
<i>Urena lobata</i>	0 00	0 00	1 90	1 55	1 75	1 85	2 76	0 00

<i>Dalechampia scandens</i> var <i>cordofana</i>	0 00	0 00	1 15	1 29	1 28	1 34	0 00	0 00
<i>Hibiscus lobatus</i>	0 00	1 41	1 16	1 24	1 23	0 39	0 00	0 00
<i>Abutilon indicum</i>	0 00	1 15	0 95	1 10	1 42	1 50	2 24	5 01
<i>Blumea lacera</i>	0 00	0 00	0 00	1 36	1 82	1 67	3 61	8 07
<i>Blumea mollis</i>	0 00	0 00	0 00	1 21	1 67	1 50	3 40	7 58
<i>Sphaeranthus indicus</i>	0 00	0 00	0 00	0 84	1 09	0 98	1 81	4 00

Table (8c) - IVI values of site Goral for year 2003

Name of the species	July	Aug	Sept	Oct	Nov	Dec	Jan	Feb
<i>Crotalaria medicaginea</i>	18 08	20 60	21 94	20 58	26 90	20 03	14 00	3 09
<i>Lindernia oppositifolia</i>	0 00	0 00	11 23	11 56	13 00	11 42	2 63	5 51
<i>Teramnus labialis</i>	7 48	5 81	8 67	8 91	9 01	10 08	14 87	0 00
<i>Cassia tora</i>	14 98	9 68	8 33	6 34	7 59	6 72	7 65	0 00
<i>Cynodon dactylon</i>	16 18	13 25	8 17	9 08	9 30	10 22	7 79	1 27
<i>Elytrana acaulis</i>	2 51	3 91	7 97	6 75	3 95	2 52	3 06	2 92
<i>Cenchrus ciliaris</i>	13 56	11 09	7 89	7 50	7 69	8 47	12 17	13 09
<i>Indigofera cordifolia</i>	5 84	5 19	7 22	7 26	7 38	8 22	3 78	0 00
<i>Cassia occidentalis</i>	4 42	6 95	6 99	6 25	6 65	7 38	10 68	0 00
<i>Oplismenus burmannii</i>	15 17	12 17	6 83	6 27	6 40	7 10	7 10	2 52
<i>Tephrosia purpurea</i>	7 39	7 35	6 72	6 44	4 47	4 26	8 26	0 00
<i>Convolvulus prostratus</i>	6 17	4 44	6 47	5 64	5 52	6 89	6 47	0 00
<i>Cleome viscosa</i>	8 21	7 19	6 23	5 55	3 99	2 68	1 93	0 00
<i>Lindernia cilata</i>	0 00	0 00	6 23	5 74	3 68	6 52	0 00	4 38
<i>Indigofera linnaei</i>	0 00	3 80	6 22	6 03	6 13	6 82	9 93	15 64
<i>Hedyotis corymbosa</i>	10 73	5 80	6 10	6 35	5 64	4 78	5 84	7 56
<i>Digera muncata</i>	9 01	7 48	5 86	5 52	5 61	4 37	0 96	0 00
<i>Tephrosia villosa</i>	5 53	4 30	5 33	4 97	5 04	5 62	8 22	0 00
<i>Commelina nodiflora</i>	9 36	7 09	5 09	5 50	5 14	5 25	3 24	17 02
<i>Crotalaria hebecarpa</i>	5 13	5 75	5 04	5 62	6 23	5 15	6 32	4 49
<i>Justicia diffusa</i>	0 00	6 92	4 82	5 11	5 21	5 76	8 30	1 72
<i>Chlons barbata</i>	6 27	5 40	4 74	5 09	5 20	5 70	2 86	7 03
<i>Evolvulus alsinoides</i>	3 66	3 14	4 70	4 47	2 03	3 94	7 13	18 58
<i>Cymbopogon martini</i>	7 86	6 53	4 63	4 42	2 11	3 81	7 09	5 25
<i>Catharanthus pusillus</i>	0 00	4 81	4 56	4 36	4 46	4 89	1 25	0 00
<i>Euphorbia hirta</i>	5 89	5 93	4 45	4 24	4 32	4 75	6 73	0 00
<i>Tephrosia stngosa</i>	5 59	4 55	4 42	5 63	5 72	6 37	6 06	0 00
<i>Tridax procumbens</i>	10 37	8 30	4 37	6 95	7 09	5 32	11 20	0 00
<i>Gomphrena celosioides</i>	0 00	3 12	4 30	4 08	4 15	4 56	6 48	12 21
<i>Paspalidium flavidum</i>	7 15	6 04	4 25	4 05	4 15	4 56	2 94	10 21
<i>Desmodium triflorum</i>	3 33	2 73	4 14	3 70	4 01	1 79	3 17	7 95
<i>Commelina benghalensis</i>	6 57	4 95	4 06	4 17	3 38	3 49	1 22	11 41
<i>Spermacoce stricta</i>	0 00	2 26	3 99	3 78	3 84	3 10	0 00	0 00
<i>Boerhavia diffusa</i>	6 26	5 15	3 95	4 22	4 30	4 69	6 53	0 00
<i>Sida acuta</i>	5 74	5 25	3 88	3 06	3 42	3 76	3 06	5 23
<i>Spermacoce articulans</i>	0 00	0 00	3 79	4 40	4 47	2 63	2 28	0 00
<i>Cassia pumila</i>	0 00	3 51	3 77	3 67	3 73	4 12	0 96	8 28
<i>Kyllinga tenuifolia</i>	9 78	7 46	3 77	3 16	3 94	4 35	6 22	7 94
<i>Croton bonplandianum</i>	3 98	3 28	3 74	3 53	3 58	3 95	5 64	1 99
<i>Eclipta prostrata</i>	4 36	3 61	3 64	3 31	3 38	3 28	4 67	5 57
<i>Rungia pectinata</i>	0 00	6 04	3 61	4 40	4 48	4 93	3 47	5 47
<i>Setaria glauca</i>	5 58	4 59	3 51	3 76	3 83	4 19	5 83	0 00
<i>Biophytum sensitivum</i>	0 00	3 50	3 50	3 01	2 99	2 15	2 10	18 84
<i>Phyllanthus amarus</i>	3 92	6 04	3 36	6 11	6 23	6 09	3 33	4 64
<i>Zornia gibbosa</i>	4 22	3 48	3 10	3 06	3 11	3 29	2 89	0 00
<i>Blepharis maderaspatensis</i>	0 00	0 00	3 01	2 86	3 11	2 28	3 67	5 44
<i>Alysicarpus monilifer</i>	0 00	3 15	3 00	2 85	2 59	3 20	3 03	3 44
<i>Eragrostis ciliaris</i>	4 97	4 13	2 92	2 78	2 85	3 14	4 48	4 89
<i>Vernonia cinerea</i>	4 95	3 31	2 91	2 77	2 83	3 20	3 43	0 00
<i>Cleome gynandra</i>	2 72	2 23	2 75	2 60	2 63	2 90	4 13	14 77
<i>Hybanthus enneaspermus</i>	2 37	2 95	2 75	2 62	2 51	1 97	1 80	7 96
<i>Ocimum gratissimum</i>	5 51	4 38	2 66	2 55	2 59	2 82	3 93	0 00
<i>Polygala erioptera</i>	2 43	1 90	2 54	2 39	2 42	2 68	1 13	0 00
<i>Petalium murex</i>	3 21	2 66	2 54	2 39	2 42	1 89	0 00	3 44
<i>Sida alba</i>	2 83	2 43	2 24	2 14	2 17	2 38	0 96	0 00
<i>Hibiscus lobatus</i>	0 00	2 46	2 24	1 99	2 01	1 76	1 99	0 00
<i>Launaea procumbens</i>	3 07	2 53	2 16	2 07	2 11	2 30	3 20	4 11
<i>Euphorbia microphylla</i>	4 27	3 54	2 15	2 06	2 11	1 35	0 00	0 00
<i>Aerva lanata</i>	0 00	0 00	2 12	2 04	2 07	2 26	3 14	11 72
<i>Cassia absus</i>	3 21	2 66	2 10	2 24	2 28	2 51	1 53	3 18
<i>Abutilon indicum</i>	0 00	1 67	1 80	1 72	1 74	2 06	2 69	0 00

<i>Desmodium gangeticum</i>	0 00	0 00	1 68	1 60	1 62	1 78	2 50	6 63
<i>Urena lobata</i>	0 00	1 67	1 51	1 46	1 48	1 62	2 23	10 26
<i>Dalechampia scandens</i> var <i>cordofana</i>	0 00	0 00	1 43	1 38	1 40	1 53	1 57	0 00
<i>Blumea lacera</i>	0 00	0 00	0 00	1 46	1 88	2 40	3 03	4 14
<i>Blumea mollis</i>	0 00	0 00	0 00	1 30	1 88	2 52	2 77	5 48
<i>Sphaeranthus indicus</i>	0 00	0 00	0 00	0 91	1 02	1 36	1 93	5 22

Table (8d) - Comparative IVI values of site Goral for year 2001- 2003

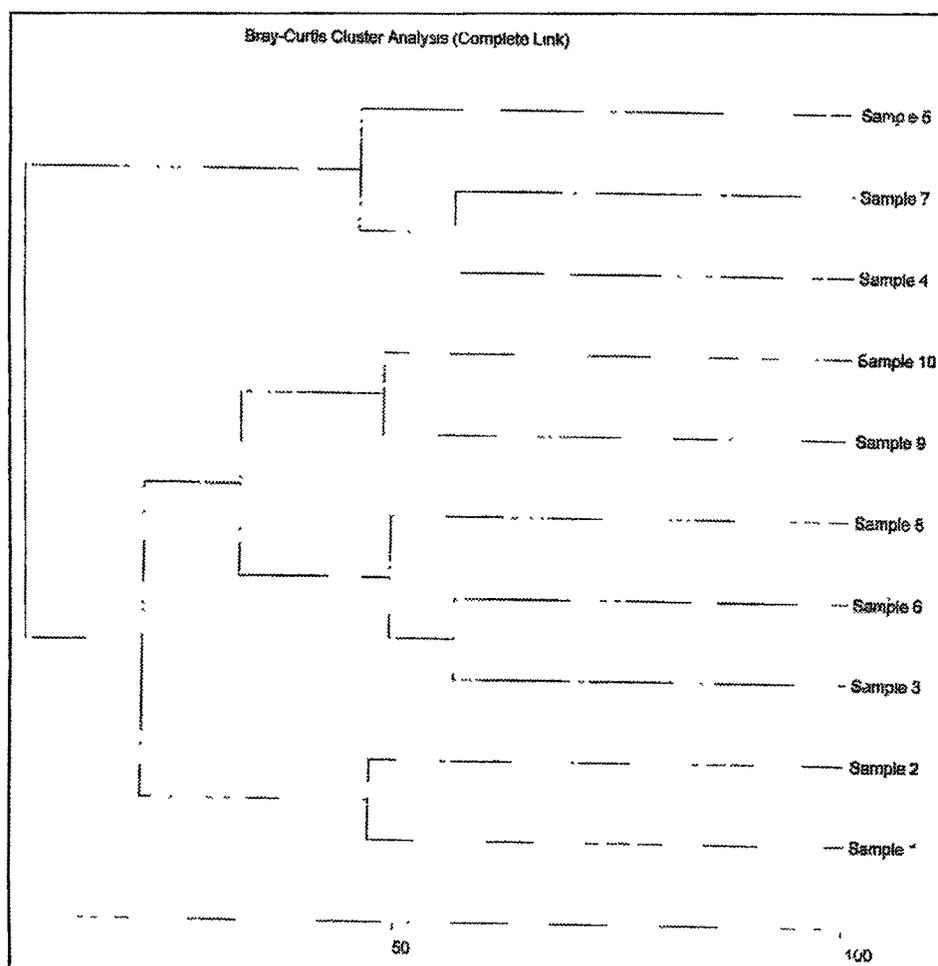
Name of the species	2001	2002	2003
<i>Crotalaria medicaginea</i>	19.34	12.66	20.58
<i>Cassia tora</i>	16.87	12.34	6.34
<i>Tephrosia purpurea</i>	8.70	6.07	6.44
<i>Hedyotis corymbosa</i>	8.41	8.51	9.08
<i>Teramnus labialis</i>	8.40	10.48	8.91
<i>Lindernia ciliata</i>	8.28	7.50	6.35
<i>Cynadon dactylon</i>	8.19	13.24	5.50
<i>Commelina nodiflora</i>	7.02	7.17	11.56
<i>Elytrana acaulis</i>	6.98	8.97	6.75
<i>Cenchrus cilians</i>	6.93	7.05	7.50
<i>Tridax procumbens</i>	6.78	6.41	7.26
<i>Cleome viscosa</i>	6.50	6.65	6.95
<i>Indigofera cordifolia</i>	5.97	8.96	5.55
<i>Cassia occidentalis</i>	5.89	4.83	6.25
<i>Lindernia oppositifolia</i>	5.83	6.21	6.27
<i>Opismenus burmannii</i>	5.69	5.87	5.64
<i>Convolvulus prostratus</i>	5.69	4.82	6.11
<i>Indigofera linnaei</i>	5.64	4.03	6.03
<i>Digera muncata</i>	5.38	8.41	5.74
<i>Phyllanthus amarus</i>	5.27	3.91	5.62
<i>Tephrosia villosa</i>	5.26	3.25	5.63
<i>Crotalaria hebecarpa</i>	5.18	5.38	5.52
<i>Justicia diffusa</i>	4.76	4.90	5.11
<i>Chloris barbata</i>	4.74	4.18	5.09
<i>Evolvulus alsinoides</i>	4.68	4.28	4.97
<i>Rungia pectinata</i>	4.19	4.26	4.47
<i>Cymbopogon martini</i>	4.12	4.31	4.40
<i>Spermacoce articularis</i>	4.12	4.18	4.40
<i>Catharanthus pusillus</i>	4.10	5.49	4.42
<i>Euphorbia hirta</i>	4.06	4.07	4.36
<i>Tephrosia strigosa</i>	4.00	3.53	4.22
<i>Gomphrena celosioides</i>	3.98	4.03	4.24
<i>Paspalidium flavidum</i>	3.90	4.06	4.17
<i>Desmodium triflorum</i>	3.85	3.93	4.08
<i>Commelina benghalensis</i>	3.77	3.79	4.05
<i>Boerhavia diffusa</i>	3.65	3.76	3.16
<i>Spermacoce stricta</i>	3.56	3.28	3.78
<i>Sida acuta</i>	3.56	3.14	3.76
<i>Cassia pumila</i>	3.47	3.33	3.70
<i>Kyllinga tenuifolia</i>	3.46	3.83	3.67
<i>Croton bonplandianum</i>	3.35	3.31	3.53
<i>Zornia gibbosa</i>	3.18	2.89	3.06
<i>Eclipta prostrata</i>	3.11	3.95	3.01
<i>Setaria glauca</i>	3.11	3.76	3.31
<i>Biophytum sensitivum</i>	2.89	2.83	3.06
<i>Blepharis maderaspatensis</i>	2.88	2.96	2.86
<i>Vernonia cinerea</i>	2.75	2.91	2.77
<i>Alysicarpus monilifer</i>	2.68	4.49	2.85
<i>Eragrostis cilians</i>	2.58	2.61	2.78
<i>Cleome gynandra</i>	2.47	2.54	2.60
<i>Hybanthus enneaspermus</i>	2.46	3.85	2.62
<i>Ocimum gratissimum</i>	2.42	2.41	2.55
<i>Polygala enoptera</i>	2.26	5.38	2.39
<i>Pedaliium murex</i>	2.26	2.81	2.39
<i>Sida alba</i>	2.10	2.13	2.24
<i>Hibiscus lobatus</i>	2.03	2.03	2.14
<i>Launaea procumbens</i>	1.96	1.95	2.07
<i>Aerva lanata</i>	1.94	1.93	2.04
<i>Euphorbia microphylla</i>	1.92	1.92	2.06
<i>Cassia absus</i>	1.88	1.24	1.99
<i>Abutilon indicum</i>	1.76	1.10	1.72

<i>Desmodium gangeticum</i>	1 53	1 55	1 60
<i>Urena lobata</i>	1 38	1 55	1 46
<i>Dalechampia scandens</i> var <i>cordofana</i>	1 38	1 36	1 46
<i>Blumea lacera</i>	1 31	1 29	1 38
<i>Blumea mollis</i>	1 24	1 21	1 30
<i>Sphaeranthus indicus</i>	0 86	0 84	0 91

**Table 9 (a-c) - Values of the cluster analysis and tree diagram for Nandesari (2001-2003)**

**Table 9(a) - Values of the cluster analysis and tree diagram for Nandesari for the year 2001**

Step	Clusters	Distance	Similanty	Joined 1	Joined 2					
1	9	43,68	56,32	3	6					
2	8	44,27	55,73	4	7					
3	7	50,99	49,01	3	8					
4	6	51,98	48,02	9	10					
5	5	53,01	46,99	1	2					
6	4	54,96	45,04	4	5					
7	3	67,82	32,18	3	9					
8	2	78,45	21,55	1	3					
9	1	96,55	3,45	1	4					
Distance Matrix										
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Sample 1	*	53,01	64,66	75,88	78,57	68,29	73,47	56,49	78,45	77,09
Sample 2	*	*	63,43	65,87	96,55	69,50	80,17	62,18	63,43	63,50
Sample 3	*	*	*	54,87	72,48	43,68	45,64	50,15	46,71	63,53
Sample 4	*	*	*	*	46,75	47,45	44,27	63,93	63,79	61,02
Sample 5	*	*	*	*	*	62,82	54,96	70,49	80,54	75,43
Sample 6	*	*	*	*	*	*	46,15	50,99	67,82	58,02
Sample 7	*	*	*	*	*	*	*	55,41	70,47	66,55
Sample 8	*	*	*	*	*	*	*	*	61,29	66,67
Sample 9	*	*	*	*	*	*	*	*	*	51,98
Sample 10	*	*	*	*	*	*	*	*	*	*



**Table (9b) - Values of the cluster analysis and tree diagram for Nandesari for the year 2002**

Step	Clusters	Distance	Similarity	Joined 1	Joined 2					
1	9	46,62	53,38	1	2					
2	8	47,73	52,27	7	9					
3	7	55,26	44,74	4	6					
4	6	58,82	41,18	3	8					
5	5	65,47	34,53	1	7					
6	4	76,51	23,49	1	4					
7	3	77,07	22,93	3	5					
8	2	88,52	11,48	1	3					
9	1	94,21	5,79	1	10					
Distance Matrix										
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Sample 1	*	46,62	84,21	57,32	83,22	76,51	55,77	88,52	65,47	60,80
Sample 2	*	*	85,80	72,54	71,51	74,04	64,32	74,83	57,14	73,54
Sample 3	*	*	*	66,85	77,07	66,34	78,82	58,82	85,62	77,97
Sample 4	*	*	*	*	69,15	55,26	56,22	80,24	65,76	73,01
Sample 5	*	*	*	*	*	87,23	82,22	60,27	77,30	91,09
Sample 6	*	*	*	*	*	*	69,01	74,22	71,34	94,21
Sample 7	*	*	*	*	*	*	*	86,79	47,73	58,24
Sample 8	*	*	*	*	*	*	*	*	67,61	88,29
Sample 9	*	*	*	*	*	*	*	*	*	76,57
Sample 10	*	*	*	*	*	*	*	*	*	*

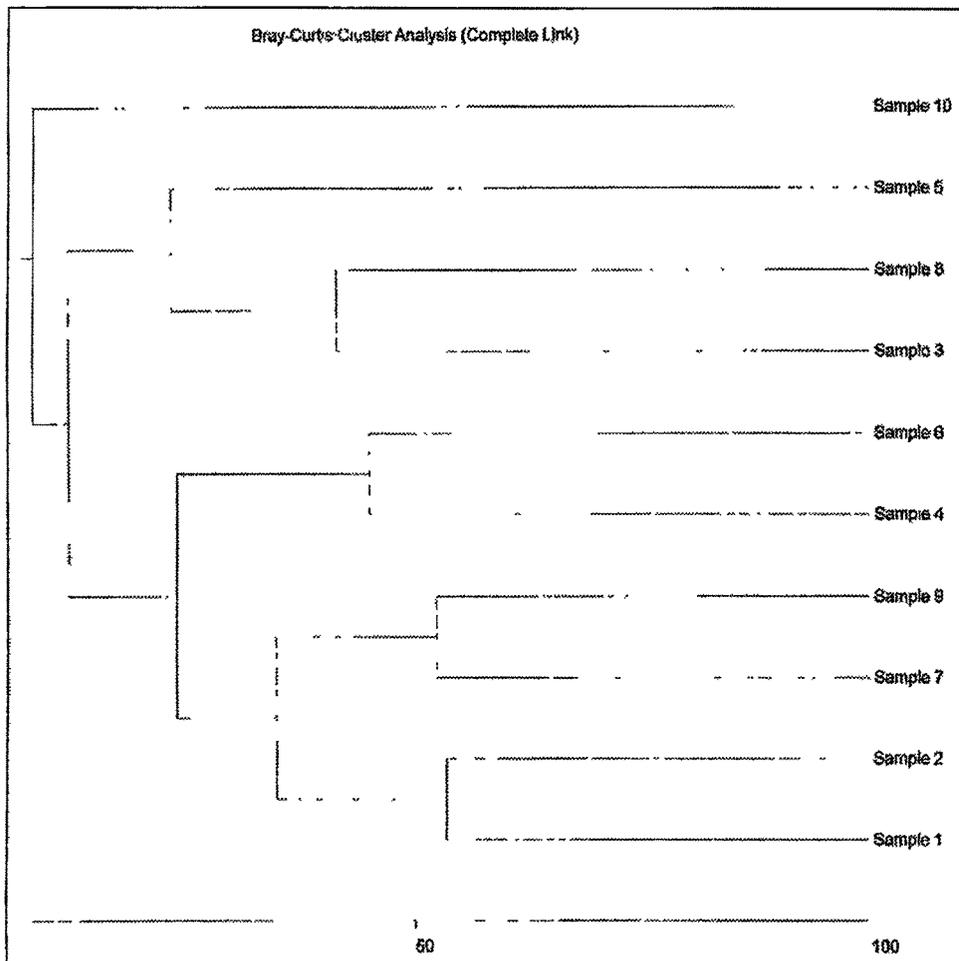
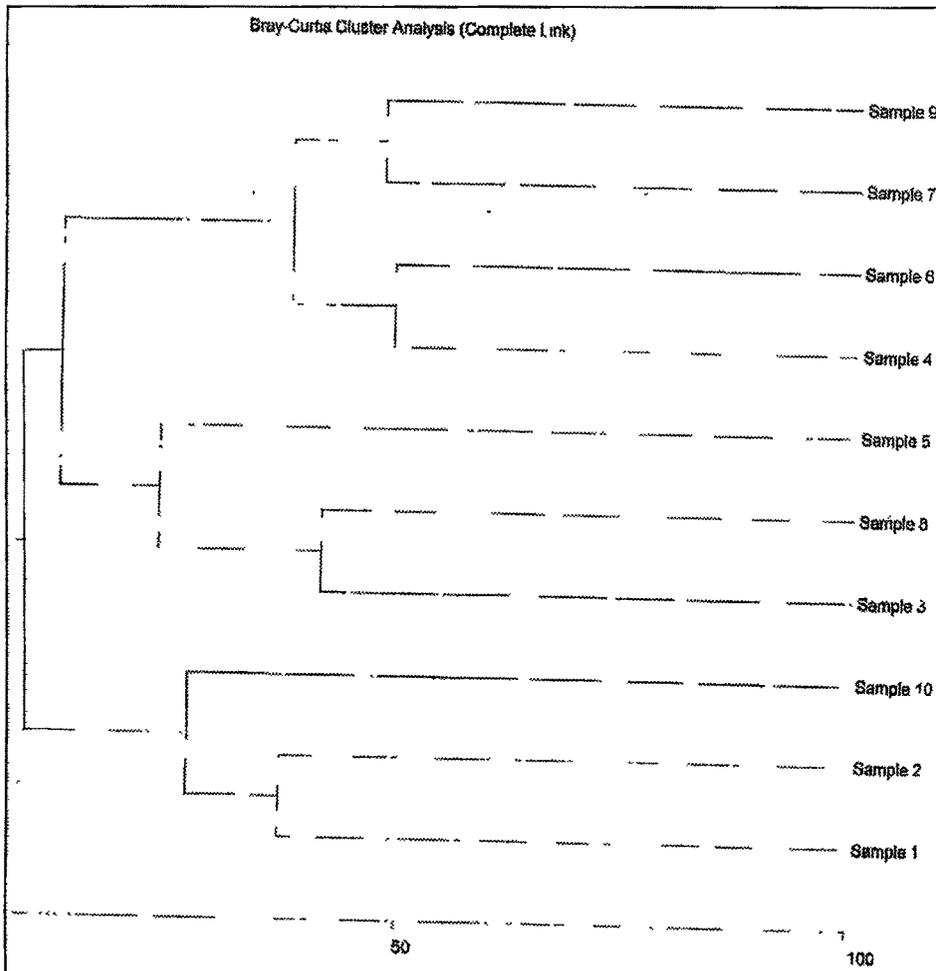


Table (9c) - Values of the cluster analysis and tree diagram for Nandesari for the year 2003

Step	Clusters	Distance	Similanty	Joined 1	Joined 2					
1	9	51,21	48,79	4	6					
2	8	52,49	47,51	7	9					
3	7	58,82	41,18	3	8					
4	6	62,60	37,40	4	7					
5	5	63,05	36,95	1	2					
6	4	73,54	26,46	1	10					
7	3	77,07	22,93	3	5					
8	2	88,14	11,86	3	4					
9	1	100,00	0,00	1	3					
Distance Matrix										
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Sample 1	*	63,05	80,82	78,60	95,82	83,01	74,02	100,00	90,48	71,05
Sample 2	*	*	85,80	70,30	71,51	75,82	69,36	74,83	57,14	73,54
Sample 3	*	*	*	68,45	77,07	68,86	78,12	58,82	85,62	77,97
Sample 4	*	*	*	*	70,56	51,21	53,55	81,25	58,03	74,59
Sample 5	*	*	*	*	*	88,14	87,97	60,27	77,30	91,09
Sample 6	*	*	*	*	*	*	62,60	76,28	58,96	94,76
Sample 7	*	*	*	*	*	*	*	86,32	52,49	61,07
Sample 8	*	*	*	*	*	*	*	*	67,61	88,29
Sample 9	*	*	*	*	*	*	*	*	*	76,57
Sample 10	*	*	*	*	*	*	*	*	*	*



**Table 10 (a-b) - Values of the cluster analysis and tree diagram for IPCL for the years (2001-2002)**

**Table (10a) - Values of the cluster analysis and tree diagram for IPCL for the year 2001**

Step	Clusters	Distance	Similarity	Joined 1	Joined 2						
1	9	33,46	66,54	1	2						
2	8	35,29	64,71	3	9						
3	7	38,53	61,47	6	8						
4	6	43,56	56,44	1	5						
5	5	46,09	53,91	7	10						
6	4	50,43	49,57	6	7						
7	3	53,45	46,55	1	3						
8	2	57,11	42,89	1	4						
9	1	69,38	30,62	1	6						
<b>Distance Matrix</b>											
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10	
Sample 1	*	33,46	42,73	57,11	38,05	52,52	43,40	45,98	45,61	65,13	
Sample 2	*	*	34,13	48,57	43,56	45,35	53,73	44,00	45,56	69,38	
Sample 3	*	*	*	51,79	51,17	43,68	55,96	46,52	35,29	55,65	
Sample 4	*	*	*	*	51,62	52,59	52,88	51,69	56,06	65,93	
Sample 5	*	*	*	*	*	60,50	60,41	57,46	53,45	68,50	
Sample 6	*	*	*	*	*	*	50,43	38,53	54,92	49,36	
Sample 7	*	*	*	*	*	*	*	38,59	66,30	46,09	
Sample 8	*	*	*	*	*	*	*	*	52,36	42,32	
Sample 9	*	*	*	*	*	*	*	*	*	50,55	
Sample 10	*	*	*	*	*	*	*	*	*	*	*

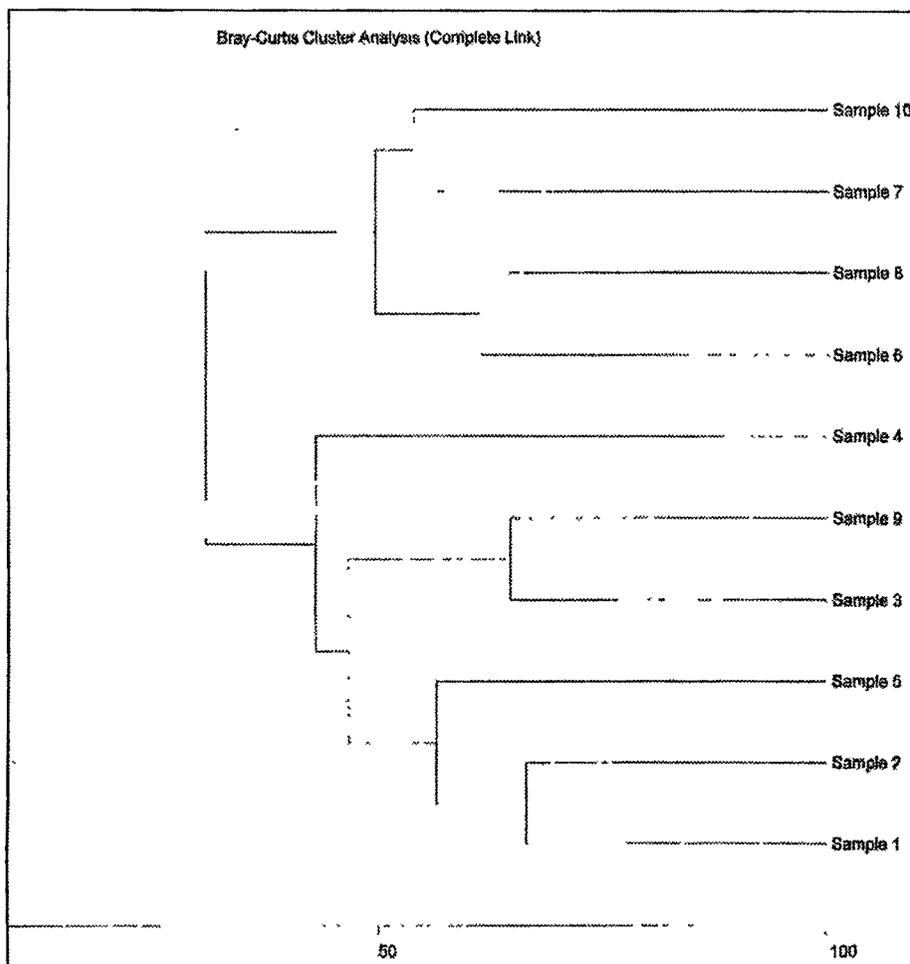


Table (10b) - Values of the cluster analysis and tree diagram for IPCL for the year 2002

Step	Clusters	Distance	Similarity	Joined 1	Joined 2					
1	9	26,25	73,75	2	3					
2	8	33,33	66,67	1	5					
3	7	35,97	64,03	6	8					
4	6	40,21	59,79	2	6					
5	5	40,40	59,60	9	10					
6	4	42,91	57,09	7	9					
7	3	50,00	50,00	1	4					
8	2	56,92	43,08	1	2					
9	1	67,71	32,29	1	7					
Distance Matrix										
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Sample 1	*	40,98	49,14	44,20	33,33	53,91	44,66	47,98	48,88	66,39
Sample 2	*	*	26,25	47,64	37,37	40,21	51,60	38,99	43,66	57,96
Sample 3	*	*	*	38,13	48,49	34,90	42,06	37,36	38,00	53,18
Sample 4	*	*	*	*	50,00	50,34	49,13	56,92	50,59	54,85
Sample 5	*	*	*	*	*	53,32	60,19	45,20	49,62	67,71
Sample 6	*	*	*	*	*	*	44,42	35,97	40,34	41,68
Sample 7	*	*	*	*	*	*	*	39,36	42,91	42,62
Sample 8	*	*	*	*	*	*	*	*	44,76	42,44
Sample 9	*	*	*	*	*	*	*	*	*	40,40
Sample 10	*	*	*	*	*	*	*	*	*	*

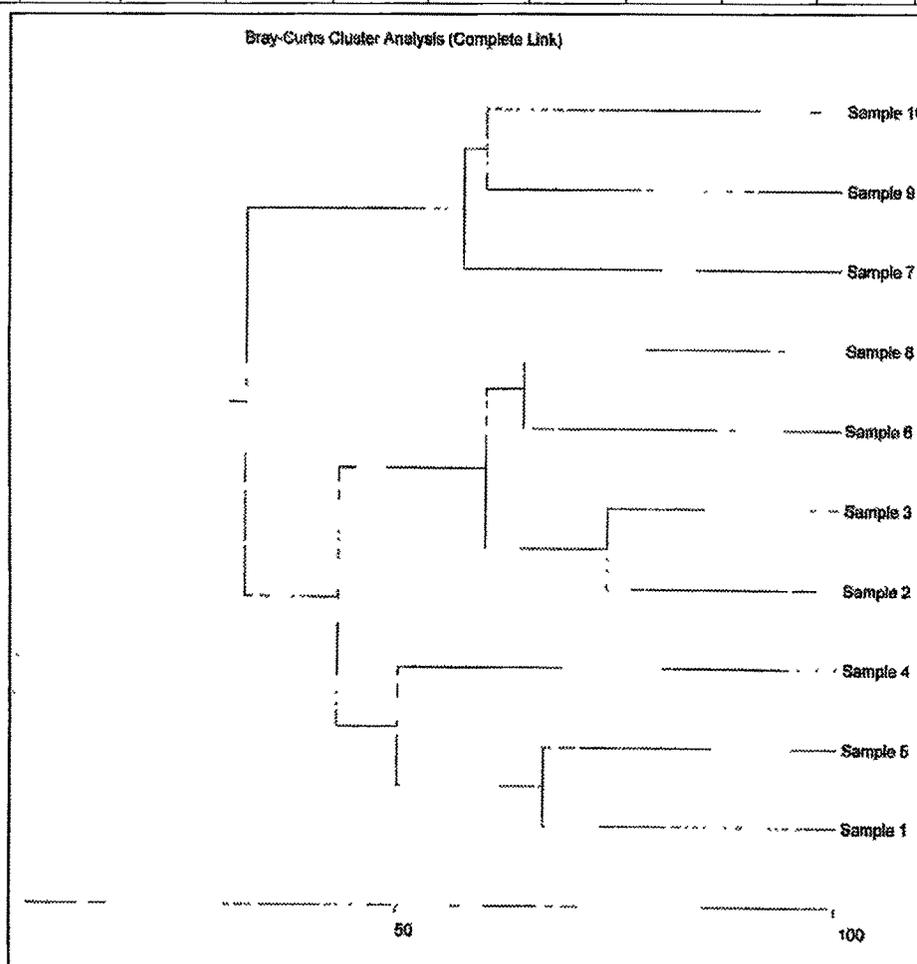
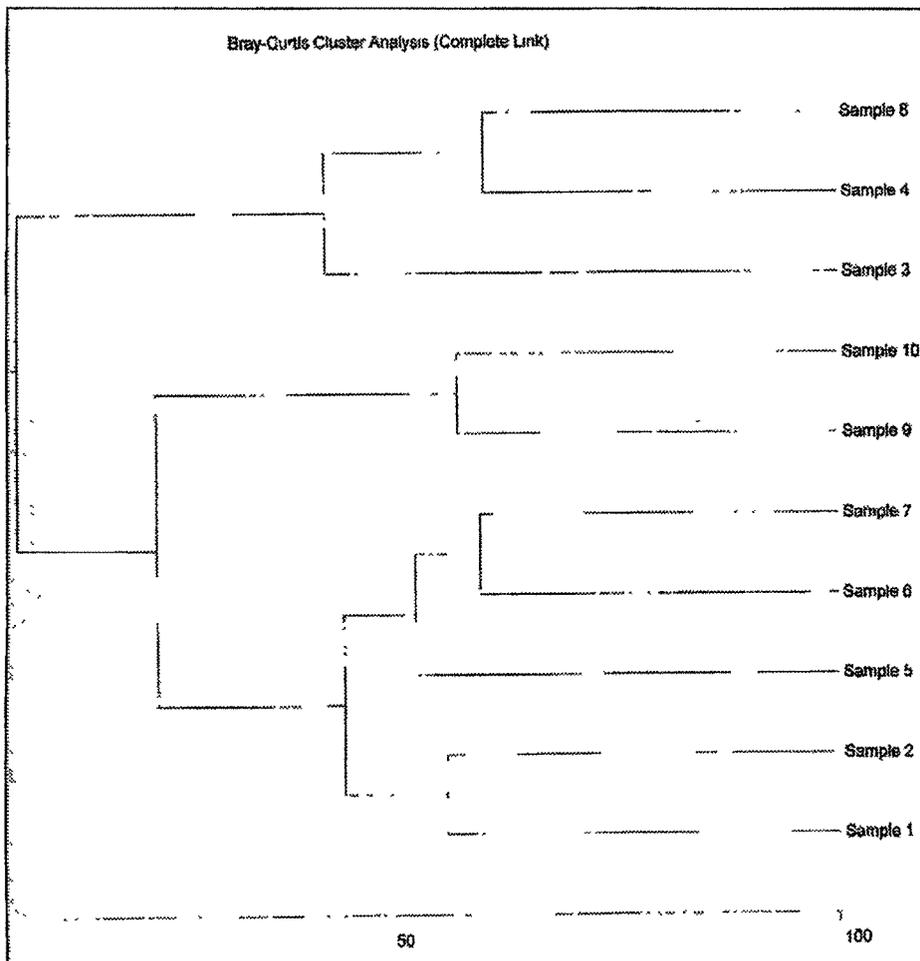


Table 11 (a-b) - Values of the cluster analysis and tree diagram for LVP for the years 2001-2002

Table (11a) - Values of the cluster analysis and tree diagram for LVP for the year 2001

Step	Clusters	Distance	Similarity	Joined 1	Joined 2					
1	9	39,50	60,50	4	8					
2	8	40,17	59,83	6	7					
3	7	42,70	57,30	9	10					
4	6	44,05	55,95	1	2					
5	5	47,55	52,45	5	6					
6	4	55,64	44,36	1	5					
7	3	57,48	42,52	3	4					
8	2	76,72	23,28	1	9					
9	1	93,50	6,50	1	3					
Distance Matrix										
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Sample 1	*	44,05	63,93	62,93	46,42	40,83	44,71	76,50	60,16	68,83
Sample 2	*	*	51,37	67,49	55,64	51,30	50,42	61,17	52,61	66,17
Sample 3	*	*	*	48,96	73,36	79,92	72,75	57,48	93,50	89,33
Sample 4	*	*	*	*	74,46	77,28	58,30	39,50	83,29	85,28
Sample 5	*	*	*	*	*	42,81	47,55	89,32	64,73	75,37
Sample 6	*	*	*	*	*	*	40,17	85,63	61,26	76,72
Sample 7	*	*	*	*	*	*	*	58,55	55,65	65,80
Sample 8	*	*	*	*	*	*	*	*	71,82	80,81
Sample 9	*	*	*	*	*	*	*	*	*	42,70
Sample 10	*	*	*	*	*	*	*	*	*	*



**Table (11b) - Values of the cluster analysis and tree diagram for LVP for the year 2002**

Step	Clusters	Distance	Similarity	Joined 1	Joined 2					
1	9	36,40	63,60	4	5					
2	8	44,66	55,34	1	2					
3	7	51,35	48,65	8	9					
4	6	57,66	42,34	6	7					
5	5	65,45	34,55	1	3					
6	4	72,52	27,48	8	10					
7	3	74,32	25,68	1	6					
8	2	87,63	12,37	1	8					
9	1	90,59	9,41	1	4					
Distance Matrix										
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Sample 1	*	44,66	65,45	80,63	83,81	61,19	65,47	87,63	75,64	63,20
Sample 2	*	*	47,95	73,66	79,25	57,64	63,42	86,22	74,48	72,66
Sample 3	*	*	*	65,10	88,18	74,32	73,33	84,14	75,81	71,63
Sample 4	*	*	*	*	36,40	84,47	71,30	69,81	75,38	79,51
Sample 5	*	*	*	*	*	71,98	55,24	64,50	67,20	90,59
Sample 6	*	*	*	*	*	*	57,66	82,72	82,90	87,22
Sample 7	*	*	*	*	*	*	*	64,23	53,67	76,30
Sample 8	*	*	*	*	*	*	*	*	51,35	72,52
Sample 9	*	*	*	*	*	*	*	*	*	60,19
Sample 10	*	*	*	*	*	*	*	*	*	*

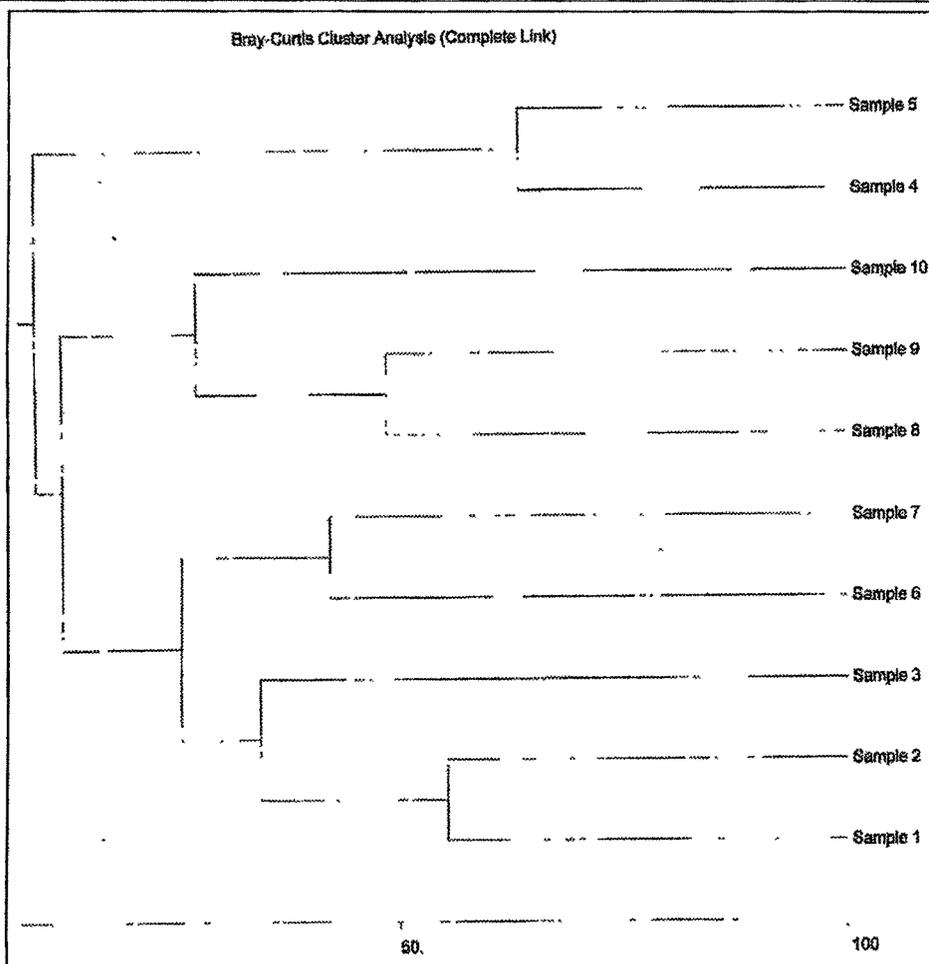


Table 12 (a-c) - Values of the cluster analysis and tree diagram for Timbi for the years 2001-2003

Table (12a) - Values of the cluster analysis and tree diagram for Timbi for the year 2001

Step	Clusters	Distance	Similarity	Joined 1	Joined 2						
1	9	16,08	83,92	7	2						
2	8	34,45	65,55	7	8						
3	7	35,38	64,62	3	4						
4	6	37,33	62,67	5	6						
5	5	51,87	48,13	7	9						
6	4	55,16	44,84	3	5						
7	3	63,76	36,24	1	3						
8	2	68,04	31,96	7	10						
9	1	88,68	11,32	1	7						
Distance Matrix											
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10	
Sample 1	*	16,08	46,71	58,49	59,26	60,88	68,21	63,79	77,10	85,28	
Sample 2	*	*	52,13	57,62	59,90	63,76	70,44	65,87	78,00	87,94	
Sample 3	*	*	*	35,38	55,16	55,14	56,48	48,68	75,24	88,68	
Sample 4	*	*	*	*	46,56	50,59	46,23	46,52	63,56	78,50	
Sample 5	*	*	*	*	*	37,33	52,61	56,75	67,66	71,50	
Sample 6	*	*	*	*	*	*	48,96	57,03	59,02	67,12	
Sample 7	*	*	*	*	*	*	*	34,45	41,13	58,95	
Sample 8	*	*	*	*	*	*	*	*	51,87	68,04	
Sample 9	*	*	*	*	*	*	*	*	*	61,14	
Sample 10	*	*	*	*	*	*	*	*	*	*	*

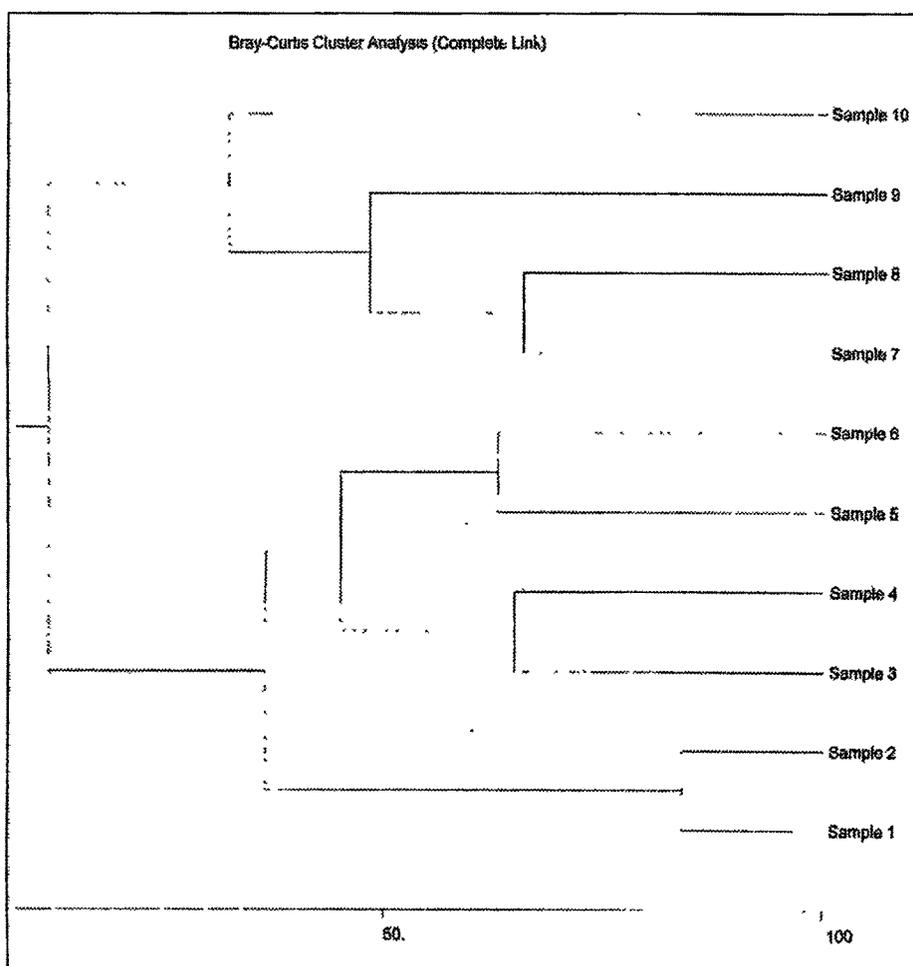
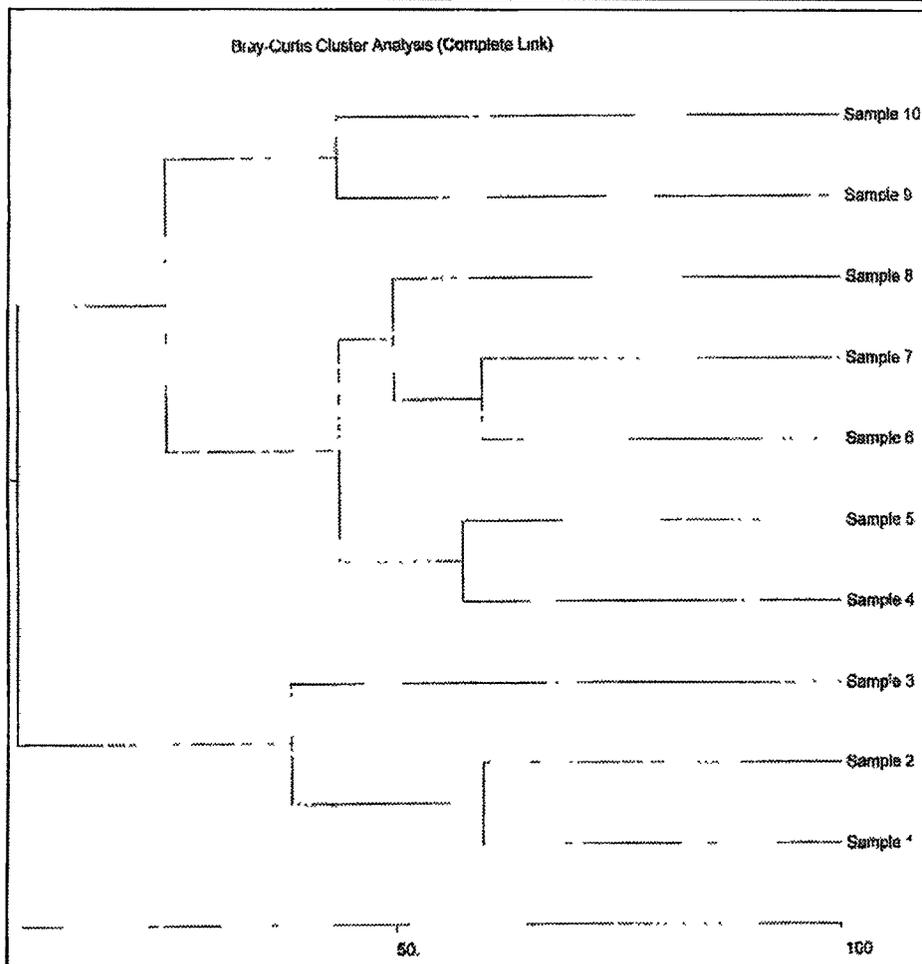


Table (12b) - Values of the cluster analysis and tree diagram for Timbi for the year 2002

Step	Clusters	Distance	Similarity	Joined 1	Joined 2						
1	9	40,26	59,74	6	7						
2	8	40,26	59,74	1	2						
3	7	42,47	57,53	4	5						
4	6	50,11	49,89	6	8						
5	5	56,22	43,78	4	6						
6	4	56,27	43,73	9	10						
7	3	61,76	38,24	1	3						
8	2	75,80	24,20	4	9						
9	1	95,51	4,49	1	4						
Distance Matrix											
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10	
Sample 1	*	40,26	61,76	71,99	71,22	69,70	65,75	70,92	84,40	93,10	
Sample 2	*	*	61,54	77,31	65,46	69,29	66,36	71,22	79,76	95,51	
Sample 3	*	*	*	47,80	64,90	50,33	61,22	53,68	69,15	80,63	
Sample 4	*	*	*	*	42,47	45,22	55,97	49,12	66,24	75,80	
Sample 5	*	*	*	*	*	52,20	55,26	56,22	62,31	65,85	
Sample 6	*	*	*	*	*	*	40,26	48,86	58,24	62,68	
Sample 7	*	*	*	*	*	*	*	50,11	58,66	69,76	
Sample 8	*	*	*	*	*	*	*	*	54,19	63,64	
Sample 9	*	*	*	*	*	*	*	*	*	56,27	
Sample 10	*	*	*	*	*	*	*	*	*	*	*



**Table (12c) - Values of the cluster analysis and tree diagram for Timbi for the year 2003**

Step	Clusters	Distance	Similanty	Joined 1	Joined 2					
1	9	30,31	69,69	1	2					
2	8	41,43	58,57	4	6					
3	7	48,45	51,55	5	7					
4	6	51,59	48,41	5	8					
5	5	54,66	45,34	4	5					
6	4	55,03	44,97	1	3					
7	3	58,25	41,75	9	10					
8	2	74,15	25,85	1	4					
9	1	95,08	4,92	1	9					
Distance Matrix										
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Sample 1	*	30,31	52,51	67,12	69,23	65,70	60,92	66,07	93,01	80,75
Sample 2	*	*	55,03	74,15	70,11	67,46	66,93	69,60	95,08	79,18
Sample 3	*	*	*	51,18	51,18	63,26	55,39	54,52	81,60	68,94
Sample 4	*	*	*	*	48,42	41,43	50,74	49,02	76,53	59,36
Sample 5	*	*	*	*	*	54,66	48,45	51,59	60,79	53,14
Sample 6	*	*	*	*	*	*	52,82	52,46	68,82	62,77
Sample 7	*	*	*	*	*	*	*	48,62	72,02	57,38
Sample 8	*	*	*	*	*	*	*	*	67,38	54,55
Sample 9	*	*	*	*	*	*	*	*	*	58,25
Sample 10	*	*	*	*	*	*	*	*	*	*

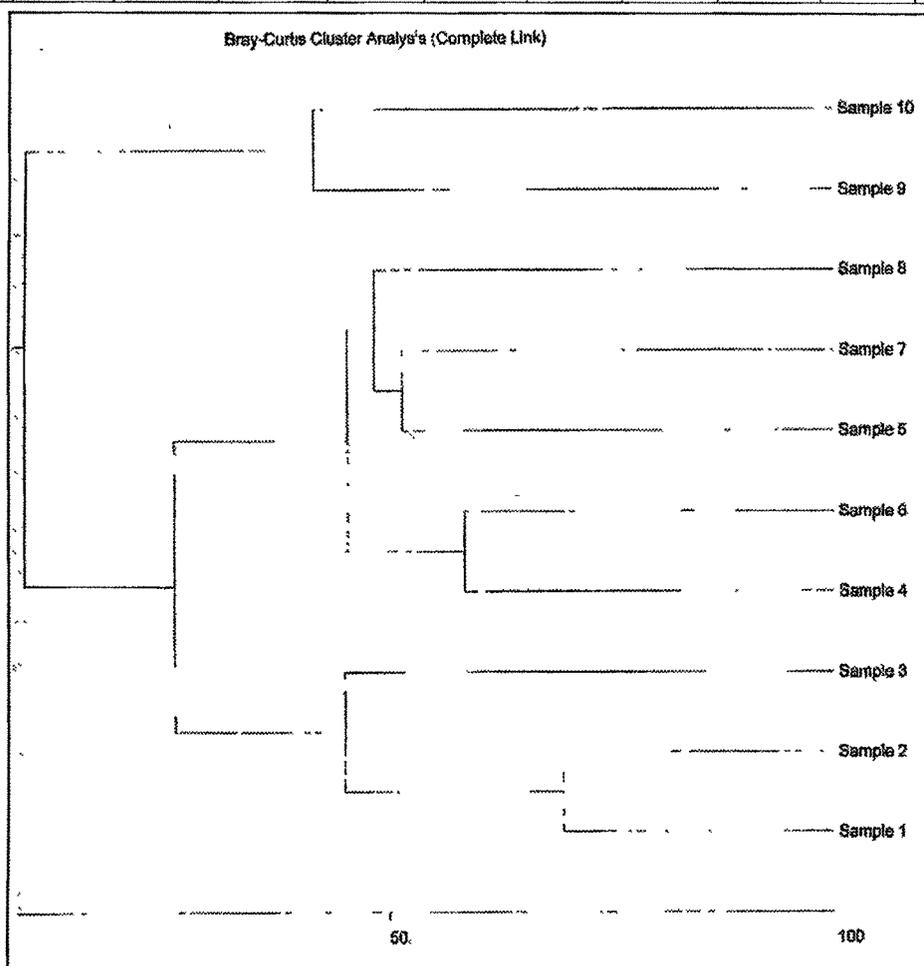
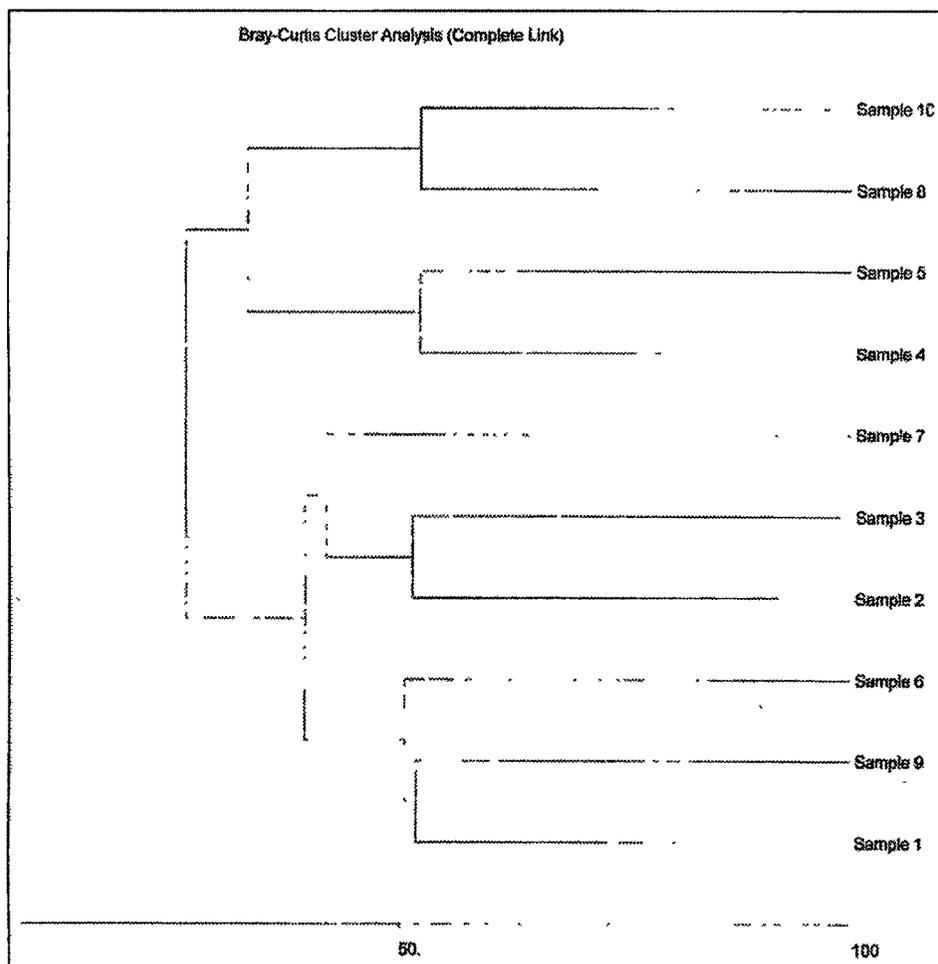


Table 13 (a-c) - Values of the cluster analysis and tree diagram for Mevli for the years 2001-2003

Table (13a) - Values of the cluster analysis and tree diagram for Mevli for the year 2001

Step	Clusters	Distance	Similarity	Joined 1	Joined 2					
1	9	47,71	52,29	8	10					
2	8	47,80	52,20	4	5					
3	7	48,12	51,88	1	9					
4	6	48,61	51,39	2	3					
5	5	49,44	50,56	1	6					
6	4	58,21	41,79	2	7					
7	3	60,58	39,42	1	2					
8	2	67,02	32,98	4	8					
9	1	73,91	26,09	1	4					
Distance Matrix										
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Sample 1	*	50,51	58,03	57,33	57,18	49,44	56,58	57,08	48,12	58,89
Sample 2	*	*	48,61	51,71	56,94	60,58	52,34	57,67	50,88	56,84
Sample 3	*	*	*	56,19	60,98	53,48	58,21	54,97	51,12	59,19
Sample 4	*	*	*	*	47,80	73,91	68,70	61,60	67,42	62,15
Sample 5	*	*	*	*	*	69,74	66,92	53,19	64,37	67,02
Sample 6	*	*	*	*	*	*	52,34	54,33	48,62	71,83
Sample 7	*	*	*	*	*	*	*	70,95	58,75	68,74
Sample 8	*	*	*	*	*	*	*	*	60,32	47,71
Sample 9	*	*	*	*	*	*	*	*	*	63,68
Sample 10	*	*	*	*	*	*	*	*	*	*



**Table (13b) - Values of the cluster analysis and tree diagram for Mevli for the year 2002**

Step	Clusters	Distance	Similanty	Joined 1	Joined 2						
1	9	36,84	63,16	1	10						
2	8	45,70	54,30	3	4						
3	7	48,07	51,93	2	5						
4	6	51,89	48,11	3	8						
5	5	52,36	47,64	1	9						
6	4	53,12	46,88	6	7						
7	3	58,65	41,35	2	6						
8	2	69,49	30,51	1	3						
9	1	81,77	18,23	1	2						
Distance Matrix											
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10	
Sample 1	*	40,76	59,46	56,12	55,80	52,08	59,54	62,70	52,36	36,84	
Sample 2	*	*	50,28	52,65	48,07	56,35	50,11	63,01	55,14	59,40	
Sample 3	*	*	*	45,70	54,28	53,91	75,69	49,57	69,49	63,45	
Sample 4	*	*	*	*	48,39	57,79	72,71	51,89	61,82	60,84	
Sample 5	*	*	*	*	*	58,65	54,55	62,07	60,08	64,82	
Sample 6	*	*	*	*	*	*	53,12	63,29	53,78	66,02	
Sample 7	*	*	*	*	*	*	*	81,77	62,57	77,70	
Sample 8	*	*	*	*	*	*	*	*	68,34	57,50	
Sample 9	*	*	*	*	*	*	*	*	*	49,40	
Sample 10	*	*	*	*	*	*	*	*	*	*	*

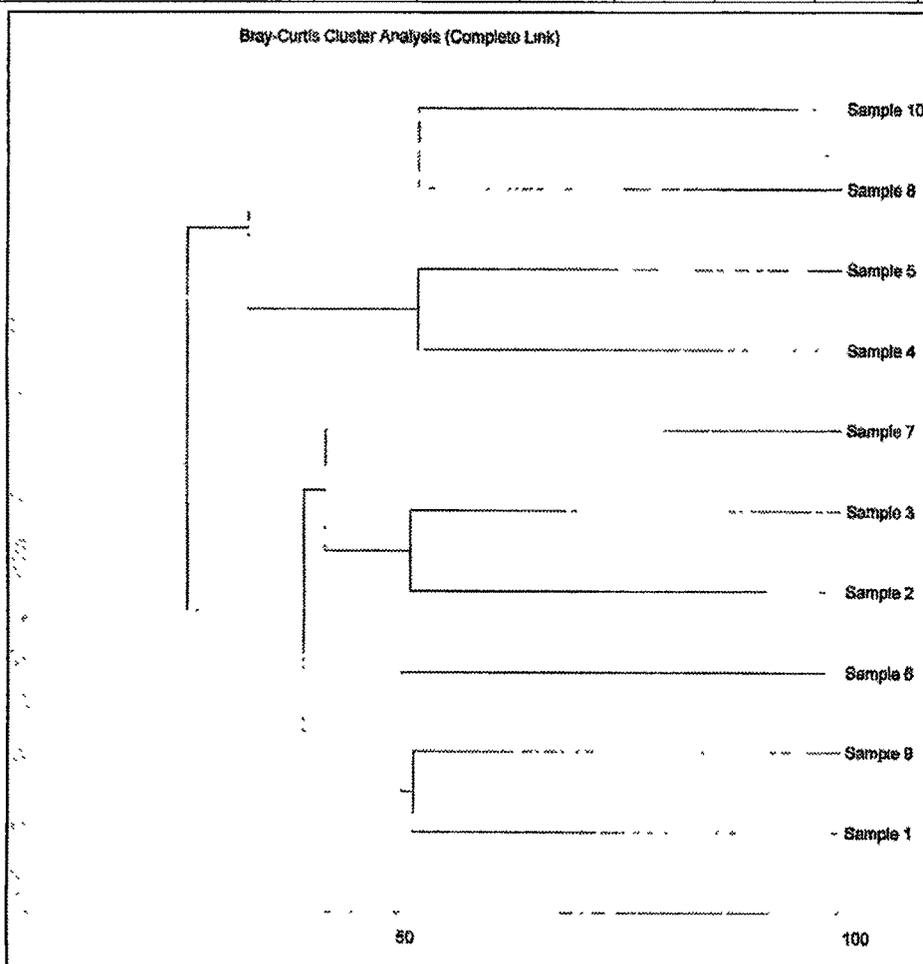
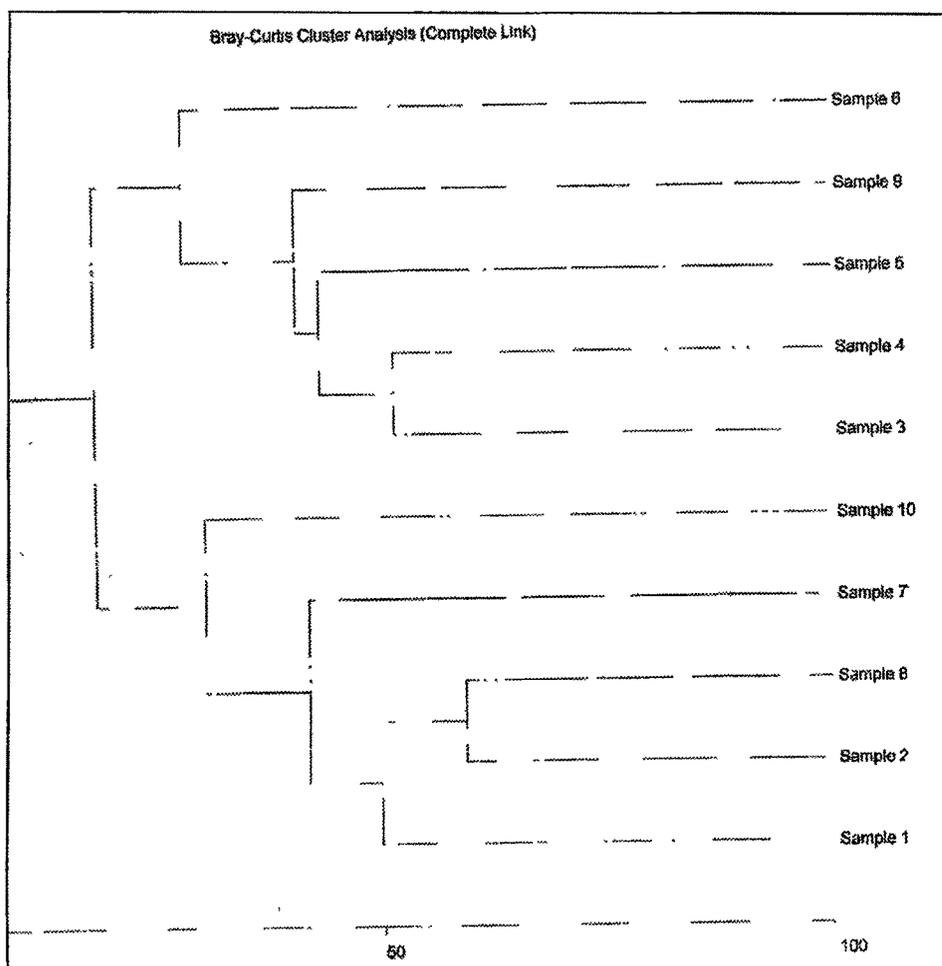




Table 14 (a-c) - Values of the cluster analysis and tree diagram for Goral for the years 2001-2003

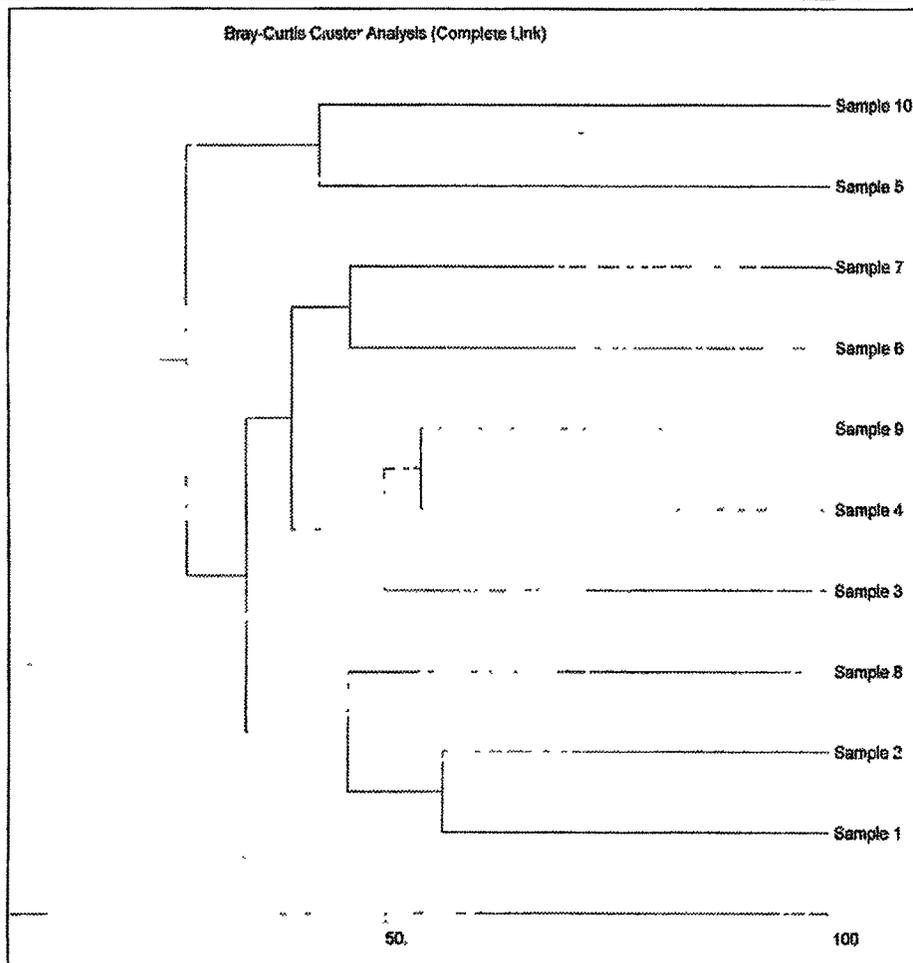
Table (14a) - Values of the cluster analysis and tree diagram for Goral for the year 2001

Step	Clusters	Distance	Similarity	Joined 1	Joined 2						
1	9	40,75	59,25	2	8						
2	8	48,55	51,45	3	4						
3	7	50,20	49,80	1	2						
4	6	56,67	43,33	3	5						
5	5	58,10	41,90	1	7						
6	4	59,27	40,73	3	9						
7	3	69,53	30,47	1	10						
8	2	71,75	28,25	3	6						
9	1	81,78	18,22	1	3						
Distance Matrix											
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10	
Sample 1	*	43,12	55,51	60,25	66,87	71,91	58,10	50,20	65,87	63,85	
Sample 2	*	*	44,74	62,11	64,50	62,48	54,72	40,75	52,36	64,34	
Sample 3	*	*	*	48,55	55,97	65,61	55,60	56,80	54,92	58,37	
Sample 4	*	*	*	*	56,67	57,87	58,75	59,17	59,27	58,70	
Sample 5	*	*	*	*	*	71,75	66,32	71,79	57,41	63,19	
Sample 6	*	*	*	*	*	*	70,58	62,90	60,09	81,78	
Sample 7	*	*	*	*	*	*	*	52,61	63,96	69,53	
Sample 8	*	*	*	*	*	*	*	*	56,48	58,59	
Sample 9	*	*	*	*	*	*	*	*	*	79,53	
Sample 10	*	*	*	*	*	*	*	*	*	*	*



**Table (14b) - Values of the cluster analysis and tree diagram for Goral for the year 2002**

Step	Clusters	Distance	Similarity	Joined 1	Joined 2					
1	9	43,56	56,44	1	2					
2	8	46,04	53,96	4	9					
3	7	50,19	49,81	3	4					
4	6	54,03	45,97	6	7					
5	5	54,26	45,74	1	8					
6	4	57,39	42,61	5	10					
7	3	60,55	39,45	3	6					
8	2	65,69	34,31	1	3					
9	1	72,47	27,53	1	5					
Distance Matrix										
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Sample 1	*	43,56	55,56	64,80	68,37	65,69	60,66	54,26	64,94	66,74
Sample 2	*	*	44,93	46,37	60,49	59,22	58,46	44,79	50,62	66,00
Sample 3	*	*	*	50,19	59,42	60,55	55,51	60,78	49,90	63,38
Sample 4	*	*	*	*	64,99	47,15	52,92	56,52	46,04	65,56
Sample 5	*	*	*	*	*	65,47	62,50	69,04	59,73	57,39
Sample 6	*	*	*	*	*	*	54,03	57,79	57,54	62,78
Sample 7	*	*	*	*	*	*	*	54,69	59,66	72,47
Sample 8	*	*	*	*	*	*	*	*	52,74	57,72
Sample 9	*	*	*	*	*	*	*	*	*	69,74
Sample 10	*	*	*	*	*	*	*	*	*	*



**Table (14c) - Values of the cluster analysis and tree diagram for Goral for the year 2003**

Step	Clusters	Distance	Similarity	Joined 1	Joined 2					
1	9	44,79	55,21	1	2					
2	8	51,34	48,66	3	9					
3	7	54,63	45,37	4	5					
4	6	56,43	43,57	7	8					
5	5	60,69	39,31	3	4					
6	4	68,89	31,11	1	7					
7	3	73,81	26,19	1	3					
8	2	74,16	25,84	1	6					
9	1	90,00	10,00	1	10					
Distance Matrix										
	Sample 1	Sample 2	Sample 3	Sample 4	Sample 5	Sample 6	Sample 7	Sample 8	Sample 9	Sample 10
Sample 1	*	44,79	61,24	71,50	63,13	74,00	68,89	60,00	67,24	72,37
Sample 2	*	*	47,95	66,91	62,41	70,28	67,79	52,13	59,11	77,92
Sample 3	*	*	*	58,65	51,83	65,67	61,50	65,34	51,34	68,56
Sample 4	*	*	*	*	54,63	62,31	58,93	61,70	60,69	59,03
Sample 5	*	*	*	*	*	74,16	65,81	73,81	56,91	62,03
Sample 6	*	*	*	*	*	*	73,73	71,64	66,92	90,00
Sample 7	*	*	*	*	*	*	*	56,43	63,43	71,02
Sample 8	*	*	*	*	*	*	*	*	66,51	66,45
Sample 9	*	*	*	*	*	*	*	*	*	78,62
Sample 10	*	*	*	*	*	*	*	*	*	*

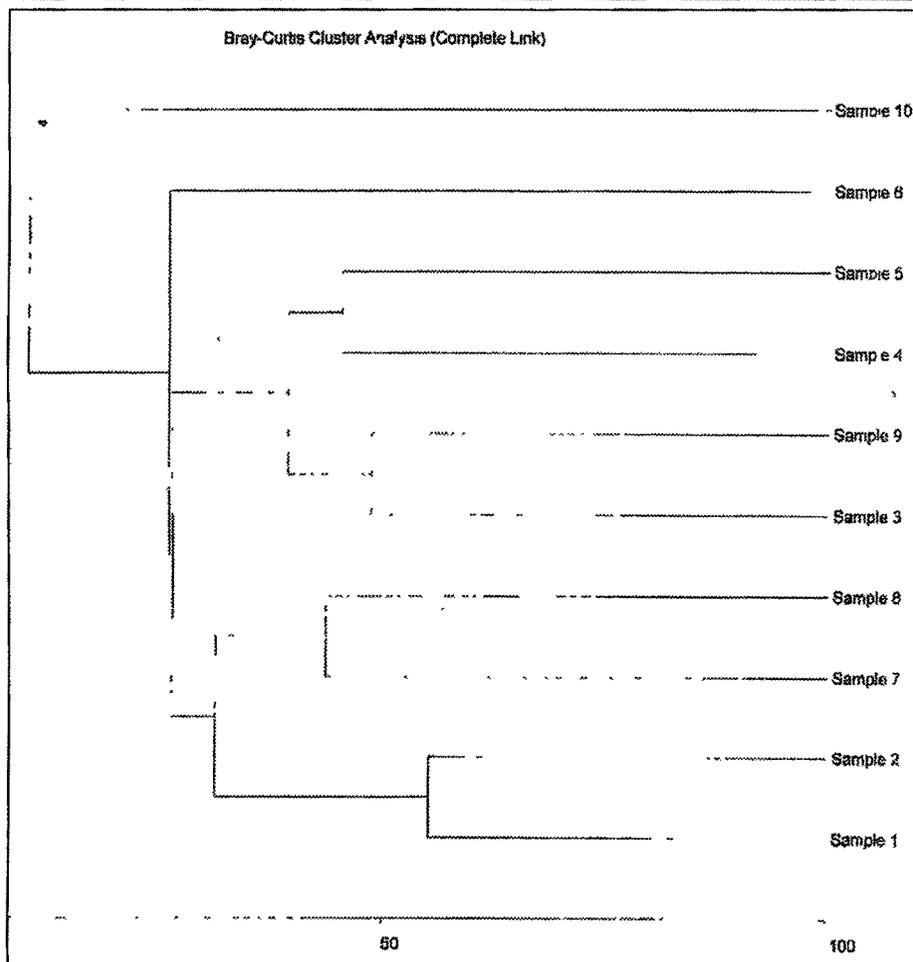


Table 15 (a-c) - List of plants located from Baroda region with their density status

Table (15a) - Plants occurring with high density in Baroda region

<i>Abelmoschus manihot</i>	<i>Dactyloctenium aegyptium</i>
<i>Abutilon indicum</i>	<i>Datura metel</i>
<i>Acalypha indica</i>	<i>Dentella repens</i>
<i>Achyranthes aspera</i>	<i>Desmodium triflorum</i>
<i>Aerva lanata</i>	<i>Dichanthium annulatum</i>
<i>Ageratum conyzoides</i>	<i>Digera muricata</i>
<i>Alternanthera sessilis</i>	<i>Digitaria ciliaris</i>
<i>Alysicarpus longifolius</i>	<i>Dinebra retroflexa</i>
<i>Alysicarpus monilifer</i>	<i>Dipteracanthus prostratus</i>
<i>Alysicarpus vaginalis</i>	<i>Echinochloa colonum</i>
<i>Amaranthus spinosus</i>	<i>Eclipta alba</i>
<i>Amaranthus viridis</i>	<i>Eleusine indica</i>
<i>Ammannia baccifera</i>	<i>Elytrana acaulis</i>
<i>Antigonon leptopus</i>	<i>Enicostema axillare</i>
<i>Apluda mutica</i>	<i>Eragrostis ciliaris</i>
<i>Argemone mexicana</i>	<i>Eragrostis japonica</i>
<i>Anstida adscensionis</i>	<i>Eragrostis pilosa</i>
<i>Bergia odorata</i>	<i>Eragrostis tenella</i>
<i>Blastania cerasiformis</i>	<i>Eragrostis viscosa</i>
<i>Blepharis maderaspatensis</i>	<i>Euphorbia hirta</i>
<i>Blumea lacera</i>	<i>Euphorbia microphylla</i>
<i>Blumea mollis</i>	<i>Euphorbia thymifolia</i>
<i>Blumea obliqua</i>	<i>Evolvulus alsinoides</i>
<i>Boerhavia diffusa</i>	<i>Evolvulus nummularius</i>
<i>Brachiana ramosa</i>	<i>Fimbristylis dichotoma</i>
<i>Brachiana reptans</i>	<i>Fimbristylis littoralis</i>
<i>Brassica juncea</i>	<i>Glinus lotoides</i>
<i>Canavalia gladiata</i>	<i>Glinus oppositifolius</i>
<i>Cassia occidentalis</i>	<i>Gomphrena celosioides</i>
<i>Cassia tora</i>	<i>Hedyotis corymbosa</i>
<i>Cayratia trifolia</i>	<i>Heliotropium supinum</i>
<i>Cenchrus biflorus</i>	<i>Heteropogon contortus</i>
<i>Cenchrus ciliaris</i>	<i>Hydrilla verticillata</i>
<i>Chenopodium album</i>	<i>Hygrophila auriculata</i>
<i>Chlons barbata</i>	<i>Hygroyza aristata</i>
<i>Cissampelos pareira</i>	<i>Indigofera cordifolia</i>
<i>Cleome gynandra</i>	<i>Indigofera linifolia</i>
<i>Cleome viscosa</i>	<i>Indigofera linnaei</i>
<i>Clitoria ternatea</i>	<i>Ipomoea aquatica</i>
<i>Coccinia grandis</i>	<i>Ipomoea nil</i>
<i>Cocculus hirsutus</i>	<i>Ipomoea obscura</i>
<i>Coldenia procumbens</i>	<i>Ipomoea pes-tigridis</i>
<i>Commelina benghalensis</i>	<i>Ipomoea sepiana</i>
<i>Commelina nudiflora</i>	<i>Ischaemum indicum</i>
<i>Commicarpus chinensis</i>	<i>Justicia diffusa</i>
<i>Convolvulus prostratus</i>	<i>Justicia procumbens</i>
<i>Corchorus aestuans</i>	<i>Kyllinga tenuifolia</i>
<i>Cressa cretica</i>	<i>Launaea procumbens</i>
<i>Crotalaria hebecarpa</i>	<i>Lemna polyrhiza</i>
<i>Crotalaria medicaginea</i>	<i>Leucas aspera</i>
<i>Croton bonplandianum</i>	<i>Limnophyton obtusifolium</i>
<i>Cucumis callosus</i>	<i>Lindenbergia indica</i>
<i>Cuscuta chinensis</i>	<i>Lindernia ciliata</i>
<i>Cuscuta reflexa</i>	<i>Lindernia oppositifolia</i>
<i>Cymbopogon martinii</i>	<i>Luffa acutangula</i>
<i>Cynodon dactylon</i>	<i>Luffa cylindrica</i>
<i>Cyperus compressus</i>	<i>Martynia annua</i>
<i>Cyperus difformis</i>	<i>Melothna maderaspatana</i>
<i>Cyperus esculentus</i>	<i>Merremia emarginata</i>
<i>Cyperus ina</i>	<i>Momordica charantia</i>
<i>Cyperus rotundus</i>	<i>Momordica dioica</i>

<i>Najas minor</i>
<i>Neptunia prostrata</i>
<i>Nymphoides hydrophylla</i>
<i>Nymphoides indicum</i>
<i>Ocimum americanum</i>
<i>Ocimum gratissimum</i>
<i>Opismenus burmannii</i>
<i>Parthenium hysterophorus</i>
<i>Paspalidium flavidum</i>
<i>Pentanema indicum</i>
<i>Pergularia daemia</i>
<i>Penstrophe bicalyculata</i>
<i>Phyla nodiflora</i>
<i>Phyllanthus amarus</i>
<i>Phyllanthus maderaspatensis</i>
<i>Physalis minima</i>
<i>Portulaca oleracea</i>
<i>Pupalia lappacea</i>
<i>Rhynchosia minima</i>
<i>Ruellia tuberosa</i>
<i>Rungia pectinata</i>
<i>Rungia repens</i>
<i>Scheonoplectus articulatus</i>
<i>Setaria tomentosa</i>
<i>Setaria verticillata</i>
<i>Sida acuta</i>
<i>Sida cordata</i>

<i>Sida rhombifolia</i>
<i>Solanum nigrum</i>
<i>Solanum xanthocarpum</i>
<i>Sorghum halpense</i>
<i>Spermacoce articularis</i>
<i>Spermacoce pusilla</i>
<i>Sphaeranthus indicus</i>
<i>Sporobolus marginatus</i>
<i>Striga angustifolia</i>
<i>Synedrella nodiflora</i>
<i>Tephrosia purpurea</i>
<i>Tephrosia villosa</i>
<i>Teramnus labialis</i>
<i>Themeda trandra</i>
<i>Trianthema portulacastrum</i>
<i>Trnbulus terrestris</i>
<i>Trichodesma indicum</i>
<i>Tricholepis glaberrima</i>
<i>Trichosanthes cucumenna</i>
<i>Tridax procumbens</i>
<i>Trumfetta rhomboidea</i>
<i>Trumfetta rotundifolia</i>
<i>Typha angustata</i>
<i>Vallisneria spiralis</i>
<i>Vernonia cinerea</i>
<i>Xanthium strumarum</i>

Table (15b) - Plants occurring with moderate density in Baroda region

<i>Abrus precatorius</i>
<i>Acalypha ciliata</i>
<i>Acanthospermum hispidum</i>
<i>Aeschynomene indica</i>
<i>Alloteropsis cimicina</i>
<i>Alternanthera paronychoides</i>
<i>Alternanthera pungens</i>
<i>Alysicarpus glumaceus</i>
<i>Alysicarpus hamosus</i>
<i>Alysicarpus scarosus</i>
<i>Alysicarpus tetragonolobus</i>
<i>Amberboa ramosa</i>
<i>Ammannia multiflora</i>
<i>Anagallis arvensis</i>
<i>Anisomeles indica</i>
<i>Aponogeton natans</i>
<i>Bacopa monnien</i>
<i>Barlena prionitis</i>
<i>Basella rubra</i>
<i>Basilicum polystachyon</i>
<i>Bidens biternatea</i>
<i>Blainvillea acmella</i>
<i>Bothnochloa pertusa</i>
<i>Brachiana eruciformis</i>
<i>Bulbostylis barbata</i>
<i>Caesulia axillanes</i>
<i>Cardiospermum halicacabum</i>
<i>Cassia pumila</i>
<i>Catharanthus pusillus</i>
<i>Celosia argentea</i>
<i>Cenchrus setigerus</i>
<i>Ceratophyllum demersum</i>

<i>Chloris virgata</i>
<i>Chrozophora prostrata</i>
<i>Chrozophora rotlien</i>
<i>Chrysopogon fulvus</i>
<i>Colocasia esculenta</i>
<i>Commicarpus verticillatus</i>
<i>Convolvulus arvensis</i>
<i>Corchorus fascicularis</i>
<i>Corchorus olitorus</i>
<i>Crinum pratense</i>
<i>Crotalaria retusa</i>
<i>Cyperus arenanus</i>
<i>Cyperus exaltatus</i>
<i>Cyperus ira var parviflorus</i>
<i>Cyperus laevigatus</i>
<i>Cyperus leucocephalus</i>
<i>Cyperus michelianus ssp pygmaeus</i>
<i>Cyperus pangorei</i>
<i>Cyperus pulcherrimus</i>
<i>Desmodium gangeticum</i>
<i>Desmostachya bipinnata</i>
<i>Dicliptera verticillata</i>
<i>Digitaria stricta</i>
<i>Dioscorea bulbifera</i>
<i>Diplocyclos palmatus</i>
<i>Echinops echinatus</i>
<i>Eichhornia crassipes</i>
<i>Eleocharis atropurpurea</i>
<i>Eleocharis dulcis</i>
<i>Elytrophorus spicatus</i>
<i>Eragrostis nigra</i>
<i>Eremopogon foveolatus</i>

<i>Euphorbia geniculata</i>
<i>Euphorbia hypericifolia</i>
<i>Euphorbia prostrata</i>
<i>Fimbristylis bisumbellata</i>
<i>Fimbristylis falcate</i>
<i>Fimbristylis ferruginea</i>
<i>Fimbristylis ovata</i>
<i>Fimbristylis schoenoides</i>
<i>Fimbristylis tenera</i>
<i>Gnaphalium polycaulon</i>
<i>Grangea maderaspatana</i>
<i>Heliotropium marfolium</i>
<i>Hemadelphis polysperma</i>
<i>Hibiscus ovalifolius</i>
<i>Hybanthus enneaspermus</i>
<i>Hyptis suaveolens</i>
<i>Indigofera sessiliflora</i>
<i>Indigofera fruta</i>
<i>Ipomoea carnea</i>
<i>Ipomoea dichroa</i>
<i>Ipomoea eriocarpa</i>
<i>Ipomoea sindica</i>
<i>Ipomoea sinensis</i>
<i>Ipomoea triloba</i>
<i>Ischaemum rugosum</i>
<i>Iseilema antheophoroides</i>
<i>Iseilema laxum</i>
<i>Jussiaea perennis</i>
<i>Jussiaea repens</i>
<i>Lagarosiphon alternifolia</i>
<i>Lemna gibba</i>
<i>Leonotis nepetaefolia</i>
<i>Lepidagathis trinervis</i>
<i>Leucas biflora</i>
<i>Limnophila indica</i>
<i>Luffa amara</i>
<i>Malachra capitata</i>
<i>Malvastrum coromandelianum</i>
<i>Maniscus squarossus</i>
<i>Melanocenchris jacquemontii</i>
<i>Melilotus indica</i>
<i>Melochia corchorifolia</i>
<i>Merremia aegyptia</i>
<i>Mucuna prunens</i>
<i>Murdannia nudiflora</i>
<i>Najas marina var muncata</i>
<i>Nelumbo nucifera</i>
<i>Nothosaerva brachiata</i>
<i>Nymphaea nouchali</i>
<i>Nymphaea stellata</i>

<i>Ophiuros exaltatus</i>
<i>Oplismenus compositus</i>
<i>Orobanche cernua</i>
<i>Oxalis corniculata</i>
<i>Panicum antidotale</i>
<i>Panicum sumatrense</i>
<i>Paspalidium geminatum</i>
<i>Pavonia zeylanica</i>
<i>Perotis indica</i>
<i>Persicaria glabra</i>
<i>Phyllanthus simplex</i>
<i>Physalis longifolia</i>
<i>Polycarpaea corymbosa</i>
<i>Polygala enoptera</i>
<i>Polygonum plebeium</i>
<i>Portulaca quadrifida</i>
<i>Potamogeton crispus</i>
<i>Potamogeton nodosus</i>
<i>Pseudanthistina hispida</i>
<i>Pycurus pumilus</i>
<i>Saccharum spontaneum</i>
<i>Schoenefeldia gracilis</i>
<i>Sclerocarpus africanus</i>
<i>Scirpus corymbosus</i>
<i>Scirpus littoralis var subulatus</i>
<i>Scheonoplectus roylei</i>
<i>Scirpus squarrosus</i>
<i>Scirpus supinus</i>
<i>Setaria glauca</i>
<i>Setaria pallide-fusca</i>
<i>Sida cordifolia</i>
<i>Sonchus oleraceus</i>
<i>Sporobolus coromandelianus</i>
<i>Sporobolus diander</i>
<i>Sporobolus indicus</i>
<i>Stemodia viscosa</i>
<i>Striga densiflora</i>
<i>Tephrosia stngosa</i>
<i>Tetrapogon tenellus</i>
<i>Tonningia axillares</i>
<i>Tragus roxburghii</i>
<i>Trichodesma zeylanicum</i>
<i>Triumfetta pentandra</i>
<i>Urena lobata</i>
<i>Verbascum chinense</i>
<i>Vigna trilobata</i>
<i>Waltheria americana</i>
<i>Withania somnifera</i>
<i>Zornia gibbosa</i>

Table (15c) - Plants occurring with low density in Baroda region

<i>Abelmoschus moschatus</i>	<i>Heliotropium indicum</i>
<i>Abutilon pannosum</i>	<i>Heliotropium ovalifolium</i>
<i>Aeluropus lagopoides</i>	<i>Hibiscus lobatus</i>
<i>Aerva persica</i>	<i>Hibiscus panduriformis</i>
<i>Alysicarpus bupleurifolius</i>	<i>Hibiscus punctatus</i>
<i>Anstida funiculata</i>	<i>Hoppea dichotoma</i>
<i>Anstida redacta</i>	<i>Hygrophila serpyllum</i>
<i>Arundinella pumila</i>	<i>Indigofera astragalina</i>
<i>Asphodelus tenuifolius</i>	<i>Indigofera glandulosa</i>
<i>Barleria prattensis</i>	<i>Indigofera trifoliata</i>
<i>Bergia ammannioides</i>	<i>Indonessiella echioides</i>
<i>Biophytum sensitivum</i>	<i>Ipomoea coptica</i>
<i>Bistella digyna</i>	<i>Ipomoea hederifolia</i>
<i>Blepharis repens</i>	<i>Ipomoea pulchella</i>
<i>Blumea eriantha</i>	<i>Jacquemonita paniculata</i>
<i>Blumea membranacea</i>	<i>Jussiaea perennis</i>
<i>Canscora diffusa</i>	<i>Kickxia ramosissima</i>
<i>Cassia absus</i>	<i>Lagascea mollis</i>
<i>Chichorium intybus</i>	<i>Laportea interrupta</i>
<i>Citrullus colocynthis</i>	<i>Lepidium sativum</i>
<i>Cleome chelidoni</i>	<i>Leucas urticaefolia</i>
<i>Cleome monophylla</i>	<i>Lindernia crustacea</i>
<i>Cleome simplicifolia</i>	<i>Melilotus alba</i>
<i>Clitoria biflora</i>	<i>Merremia hederacea</i>
<i>Cox lacryma jobi</i>	<i>Merremia tridentata</i>
<i>Commelina forskalii</i>	<i>Mollugo cerviana</i>
<i>Corchorus capsularis</i>	<i>Mollugo pentaphylla</i>
<i>Corchorus tridens</i>	<i>Monochora vaginalis</i>
<i>Crotalaria burhia</i>	<i>Neptunia tnquetra</i>
<i>Crotalaria juncea</i>	<i>Neuracanthus sphaerostachyus</i>
<i>Crotalaria linifolia</i>	<i>Nicotianan plumbaginifolia</i>
<i>Crotalaria mysorensis</i>	<i>Oryza rufipogon</i>
<i>Cullen corylifolium</i>	<i>Passiflora foetida</i>
<i>Cyperus flavidus</i>	<i>Pedaliium murex</i>
<i>Cyperus nutans var eleusinoides</i>	<i>Pentatropis capensis</i>
<i>Cyperus tegetiformis</i>	<i>Pentatropis spiralis</i>
<i>Dalechampia scandens var cordofana</i>	<i>Peperomia pellucida</i>
<i>Desmodium neo-mexicanum</i>	<i>Phragmites karka</i>
<i>Digitaria granulans</i>	<i>Polycarpon prostratum</i>
<i>Dopatrum junceum</i>	<i>Polygala arvensis</i>
<i>Emilia sonchifolia</i>	<i>Pulicaria crispa</i>
<i>Eragrostis nutans</i>	<i>Rivinia humilis</i>
<i>Eragrostis unioloides</i>	<i>Sagittaria sagittifolia</i>
<i>Enocaulon quinquangulare</i>	<i>Sarcostemma secamone</i>
<i>Eruca sativa</i>	<i>Sclera tessellata</i>
<i>Eulalopsis binata</i>	<i>Sesamum orientale</i>
<i>Exacum pedunculatum</i>	<i>Sida alba</i>
<i>Fimbristylis argentea</i>	<i>Solanum indicum</i>
<i>Fimbristylis complanata</i>	<i>Sopubia delphinifolia</i>
<i>Fimbristylis cymosa</i>	<i>Striga gesneroides</i>
<i>Fimbristylis miliacea</i>	<i>Sutera dissecta</i>
<i>Fimbristylis polytrichoides</i>	<i>Tenagochans latifolia</i>
<i>Fimbristylis tetragona</i>	<i>Tephrosia senticosa</i>
<i>Fimbristylis woodrowii</i>	<i>Tragia cannabina</i>
<i>Gantelbua urens</i>	<i>Trianthema tnquetra</i>
<i>Gisekia pharnaceoides</i>	<i>Trigonella occulta</i>
<i>Gloriosa superba</i>	<i>Urochloa panicoides</i>
<i>Gnaphalium pulvinatum</i>	<i>Utricularia stellans</i>
<i>Goniocaulon indicum</i>	<i>Vigna radiata</i>
<i>Hackelochloa granulans</i>	
<i>Hedyotis pumila</i>	

Table 16 (a-c) - List of plants located from Savli region with their density status

Table (16a) - Plants occurring with high density in Savli region

<i>Abelmoschus manihot</i>
<i>Abutilon indicum</i>
<i>Acalypha ciliata</i>
<i>Acalypha indica</i>
<i>Acanthospermum hispidum</i>
<i>Achyranthes aspera</i>
<i>Aerva lanata</i>
<i>Aeschynomene indica</i>
<i>Ageratum conyzoides</i>
<i>Alternanthera sessilis</i>
<i>Alysicarpus hamosus</i>
<i>Alysicarpus longifolius</i>
<i>Alysicarpus monilifer</i>
<i>Alysicarpus vaginalis</i>
<i>Amaranthus spinosus</i>
<i>Amaranthus viridis</i>
<i>Ammannia baccifera</i>
<i>Anisomeles indica</i>
<i>Antigonon leptopus</i>
<i>Apluda mutica</i>
<i>Argemone mexicana</i>
<i>Aristida adscensionis</i>
<i>Bergia odorata</i>
<i>Bidens biternatea</i>
<i>Blainvillea acmella</i>
<i>Blastania cerasiformis</i>
<i>Blepharis maderaspatensis</i>
<i>Blumea lacera</i>
<i>Blumea mollis</i>
<i>Blumea obliqua</i>
<i>Boerhavia diffusa</i>
<i>Bothriochloa pertusa</i>
<i>Brachiana ramosa</i>
<i>Brachiana reptans</i>
<i>Brassica juncea</i>
<i>Caesulia axillaries</i>
<i>Canavalia gladiata</i>
<i>Cardiospermum halicacabum</i>
<i>Cassia occidentalis</i>
<i>Cassia tora</i>
<i>Cayratia trifolia</i>
<i>Cenchrus biflorus</i>
<i>Cenchrus ciliaris</i>
<i>Cenchrus setigerus</i>
<i>Ceratophyllum demersum</i>
<i>Chenopodium album</i>
<i>Chlons barbata</i>
<i>Chrozophora prostrata</i>
<i>Chrozophora rottler</i>
<i>Chrysopogon fulvus</i>
<i>Cissampelos pareira</i>
<i>Cleome gynandra</i>
<i>Cleome viscosa</i>
<i>Clitoria ternatea</i>
<i>Coccinia grandis</i>
<i>Cocculus hirsutus</i>
<i>Coldenia procumbens</i>
<i>Commelina benghalensis</i>
<i>Commelina nudiflora</i>
<i>Commicarpus chinensis</i>
<i>Convolvulus arvensis</i>

<i>Convolvulus prostratus</i>
<i>Corchorus aestuans</i>
<i>Corchorus fasciculans</i>
<i>Corchorus olitorus</i>
<i>Cressa cretica</i>
<i>Crotalaria hebecarpa</i>
<i>Crotalaria medicaginea</i>
<i>Crotalaria retusa</i>
<i>Croton bonplandianum</i>
<i>Cucumis callosus</i>
<i>Cuscuta chinensis</i>
<i>Cuscuta reflexa</i>
<i>Cymbopogon martinii</i>
<i>Cynodon dactylon</i>
<i>Cyperus compressus</i>
<i>Cyperus difformis</i>
<i>Cyperus esculentus</i>
<i>Cyperus iria</i>
<i>Cyperus iria var parviflorus</i>
<i>Cyperus michelianus</i> ssp
<i>pygmaeus</i>
<i>Cyperus rotundus</i>
<i>Dactyloctenium aegyptium</i>
<i>Datura metel</i>
<i>Dentella repens</i>
<i>Desmodium triflorum</i>
<i>Desmostachya bipinnata</i>
<i>Dichanthium annulatum</i>
<i>Digera muricata</i>
<i>Digitaria ciliaris</i>
<i>Dinebra retroflexa</i>
<i>Dioscorea bulbifera</i>
<i>Diplocyclos palmatus</i>
<i>Dipteracanthus prostratus</i>
<i>Echinochloa colonum</i>
<i>Echinops echinatus</i>
<i>Eclipta alba</i>
<i>Eleocharis dulcis</i>
<i>Eleusine indica</i>
<i>Elytrana acaulis</i>
<i>Enicostema axillare</i>
<i>Eragrostis ciliaris</i>
<i>Eragrostis japonica</i>
<i>Eragrostis pilosa</i>
<i>Eragrostis tenella</i>
<i>Eragrostis viscosa</i>
<i>Euphorbia hirta</i>
<i>Euphorbia microphylla</i>
<i>Euphorbia thymifolia</i>
<i>Evolvulus alsinoides</i>
<i>Evolvulus nummularius</i>
<i>Fimbristylis dichotoma</i>
<i>Fimbristylis falcate</i>
<i>Fimbristylis littoralis</i>
<i>Fimbristylis ovata</i>
<i>Glinus lotoides</i>
<i>Glinus oppositifolius</i>
<i>Gomphrena celosoides</i>
<i>Hedyotis corymbosa</i>
<i>Heliotropium supinum</i>
<i>Heteropogon contortus</i>



<i>Hibiscus ovalifolius</i>
<i>Hydrilla verticillata</i>
<i>Hygrophila auriculata</i>
<i>Hygroryza anstata</i>
<i>Indigofera cordifolia</i>
<i>Indigofera linifolia</i>
<i>Indigofera linnaei</i>
<i>Ipomoea aquatica</i>
<i>Ipomoea enocarpa</i>
<i>Ipomoea nil</i>
<i>Ipomoea obscura</i>
<i>Ipomoea pes-tigridis</i>
<i>Ipomoea sepiaria</i>
<i>Ipomoea triloba</i>
<i>Ischaemum indicum</i>
<i>Justicia diffusa</i>
<i>Justicia procumbens</i>
<i>Kyllinga tenuifolia</i>
<i>Launaea procumbens</i>
<i>Lemna gibba</i>
<i>Lemna polyrhiza</i>
<i>Leucas aspera</i>
<i>Leucas biflora</i>
<i>Limnophila indica</i>
<i>Limnophyton obtusifolium</i>
<i>Lindenbergia indica</i>
<i>Lindernia ciliata</i>
<i>Lindernia oppositifolia</i>
<i>Luffa acutangula</i>
<i>Luffa cylindrica</i>
<i>Martynia annua</i>
<i>Melanocenchris jacquemontii</i>
<i>Melilotus indica</i>
<i>Melothria maderaspatana</i>
<i>Merremia aegyptia</i>
<i>Merremia emarginata</i>
<i>Momordica charantia</i>
<i>Momordica dioica</i>
<i>Mucuna prunens</i>
<i>Murdannia nudiflora</i>
<i>Najas minor</i>
<i>Nelumbo nucifera</i>
<i>Neptunia prostrata</i>
<i>Nothosaerva brachiata</i>
<i>Nymphaea nouchali</i>
<i>Nymphaea stellata</i>
<i>Nymphoides hydrophylla</i>
<i>Nymphoides indicum</i>
<i>Ocimum americanum</i>
<i>Ocimum gratissimum</i>
<i>Oplismenus burmannii</i>
<i>Parthenium hysterophorus</i>
<i>Paspalidium flavidum</i>
<i>Pavonia zeylanica</i>
<i>Pentanema indicum</i>

<i>Pergulara daemia</i>
<i>Penstrophe bicalyculata</i>
<i>Phyla nodiflora</i>
<i>Phyllanthus amarus</i>
<i>Phyllanthus maderaspatensis</i>
<i>Phyllanthus simplex</i>
<i>Physalis minima</i>
<i>Polygala erioptera</i>
<i>Portulaca oleracea</i>
<i>Pupalia lappacea</i>
<i>Rhynchosia minima</i>
<i>Ruellia tuberosa</i>
<i>Rungia pectinata</i>
<i>Rungia repens</i>
<i>Sclerocarpus africanus</i>
<i>Scheonoplectus articulatus</i>
<i>Scirpus supinus</i>
<i>Setaria glauca</i>
<i>Setaria pallide-fusca</i>
<i>Setaria tomentosa</i>
<i>Setaria verticillata</i>
<i>Sida acuta</i>
<i>Sida cordata</i>
<i>Sida rhombifolia</i>
<i>Solanum nigrum</i>
<i>Solanum xanthocarpum</i>
<i>Sorghum halpense</i>
<i>Spermacoce articulans</i>
<i>Spermacoce pusilla</i>
<i>Sphaeranthus indicus</i>
<i>Sporobolus marginatus</i>
<i>Stemodia viscosa</i>
<i>Striga angustifolia</i>
<i>Striga densiflora</i>
<i>Synedrella nodiflora</i>
<i>Tephrosia purpurea</i>
<i>Tephrosia villosa</i>
<i>Teramnus labialis</i>
<i>Themeda triandra</i>
<i>Trianthema portulacastrum</i>
<i>Tribulus terrestris</i>
<i>Trichodesma indicum</i>
<i>Trichodesma zeylanicum</i>
<i>Tricholepis glaberrima</i>
<i>Trichosanthes cucumerina</i>
<i>Tridax procumbens</i>
<i>Trumfetta rhomboidea</i>
<i>Trumfetta rotundifolia</i>
<i>Typha angustata</i>
<i>Vallisneria spiralis</i>
<i>Vernonia cinerea</i>
<i>Xanthium strumarum</i>
<i>Zornia gibbosa</i>

Table (16b) - Plants occurring with moderate density in Savli region

<i>Abelmoschus moschatus</i>	<i>Indigofera glandulosa</i>
<i>Abrus precatorius</i>	<i>Indigofera sessiliflora</i>
<i>Abutilon pannosum</i>	<i>Indigofera trita</i>
<i>Alloterospis cimicina</i>	<i>Indonessiella echinoides</i>
<i>Alternanthera paronychoides</i>	<i>Ipomoea cairica</i>
<i>Alternanthera pungens</i>	<i>Ipomoea dichroa</i>
<i>Alysicarpus glumaceus</i>	<i>Ipomoea indica</i>
<i>Alysicarpus scarosus</i>	<i>Ipomoea sinensis</i>
<i>Alysicarpus tetragonolobus</i>	<i>Ischaemum rugosum</i>
<i>Amberboa ramose</i>	<i>Iseilema antheboroides</i>
<i>Ammannia multiflora</i>	<i>Iseilema laxum</i>
<i>Anagallis arvensis</i>	<i>Jacquemonita paniculata</i>
<i>Aponogeton natans</i>	<i>Jussiaea perennis</i>
<i>Asphodelus tenuifolius</i>	<i>Jussiaea repens</i>
<i>Bacopa monnieri</i>	<i>Lagarosiphon alternifolia</i>
<i>Barleria prionitis</i>	<i>Leonotis nepetaefolia</i>
<i>Basella rubra</i>	<i>Lepidagathis trinervis</i>
<i>Basilicum polystachyon</i>	<i>Luffa amara</i>
<i>Biophytum sensitivum</i>	<i>Malachra capitata</i>
<i>Brachiana eruciformis</i>	<i>Malvastrum coromandelianum</i>
<i>Bulbostylis barbata</i>	<i>Mansuetiella squarrosus</i>
<i>Cassia pumila</i>	<i>Melochia corchorifolia</i>
<i>Catharanthus pusillus</i>	<i>Merremia tridentata</i>
<i>Celosia argentea</i>	<i>Najas marina var. muricata</i>
<i>Chichorium intybus</i>	<i>Ophiuros exaltatus</i>
<i>Chlons virgata</i>	<i>Oplismenus compositus</i>
<i>Cleome simplicifolia</i>	<i>Orobanche cernua</i>
<i>Colocasia esculenta</i>	<i>Oxalis corniculata</i>
<i>Commicarpus verticillatus</i>	<i>Panicum antidotale</i>
<i>Cynnum pratense</i>	<i>Panicum sumatrense</i>
<i>Crotalaria linifolia</i>	<i>Paspalum geminatum</i>
<i>Cyperus arenarius</i>	<i>Perotis indica</i>
<i>Cyperus exaltatus</i>	<i>Persicaria glabra</i>
<i>Cyperus laevigatus</i>	<i>Physalis longifolia</i>
<i>Cyperus leucocephalus</i>	<i>Polycarpaea corymbosa</i>
<i>Cyperus pangorei</i>	<i>Polygonum plebeium</i>
<i>Cyperus pulcherrimus</i>	<i>Portulaca quadrifida</i>
<i>Desmodium gangeticum</i>	<i>Potamogeton crispus</i>
<i>Dichlithera verticillata</i>	<i>Potamogeton nodosus</i>
<i>Digitaria stricta</i>	<i>Pseudanthistina hispida</i>
<i>Dopatrium junceum</i>	<i>Pycnospora pumilus</i>
<i>Eichhornia crassipes</i>	<i>Saccharum spontaneum</i>
<i>Eleocharis atropurpurea</i>	<i>Schoenefeldia gracilis</i>
<i>Elytrophorus spicatus</i>	<i>Scirpus corymbosus</i>
<i>Eragrostis nigra</i>	<i>Scirpus littoralis var. subulatus</i>
<i>Eremopogon foveolatus</i>	<i>Scheonoplectus roylei</i>
<i>Euphorbia geniculata</i>	<i>Scirpus squarrosus</i>
<i>Euphorbia hypericifolia</i>	<i>Sida cordifolia</i>
<i>Euphorbia prostrata</i>	<i>Sonchus oleraceus</i>
<i>Fimbristylis bisumbellata</i>	<i>Sporobolus coromandelianus</i>
<i>Fimbristylis ferruginea</i>	<i>Sporobolus diander</i>
<i>Fimbristylis schoenoides</i>	<i>Sporobolus indicus</i>
<i>Fimbristylis tenera</i>	<i>Tephrosia strigosa</i>
<i>Gnaphalium polycaulon</i>	<i>Tetrapogon tenellus</i>
<i>Grangea maderaspatana</i>	<i>Tonningia axillares</i>
<i>Heliotropium manfolium</i>	<i>Tragus roxburghii</i>
<i>Heliotropium ovalifolium</i>	<i>Trumfetta pentandra</i>
<i>Hemidelfis polysperma</i>	<i>Urena lobata</i>
<i>Hibiscus panduraeformis</i>	<i>Verbascum chinense</i>
<i>Hybanthus enneaspermus</i>	<i>Vigna trilobata</i>
<i>Hyptis suaveolens</i>	<i>Waltheria americana</i>
<i>Indigofera astragalina</i>	<i>Withania somnifera</i>

Table (16c) - Plants occurring with low density in Savli region

<i>Aeluropus lagopoides</i>	<i>Hoppea dichotoma</i>
<i>Aeluropus lagopoides</i>	<i>Hygrophila serpyllum</i>
<i>Aerva persica</i>	<i>Indigofera trifoliata</i>
<i>Aeschenomene villosa</i>	<i>Ipomoea coptica</i>
<i>Alysicarpus bupleurifolius</i>	<i>Ipomoea hederifolia</i>
<i>Anstida funiculata</i>	<i>Ipomoea pulchella</i>
<i>Anstida redacta</i>	<i>Jussiaea perennis</i>
<i>Arundinella pumila</i>	<i>Kickxia ramosissima</i>
<i>Barlena prattensis</i>	<i>Lagascea mollis</i>
<i>Bergia ammannioides</i>	<i>Laportea interrupta</i>
<i>Bistella digyna</i>	<i>Lepidium sativum</i>
<i>Blepharis repens</i>	<i>Leucas urticaefolia</i>
<i>Blumea enantha</i>	<i>Lindernia crustacea</i>
<i>Blumea membranacea</i>	<i>Melilotus alba</i>
<i>Canscora diffusa</i>	<i>Merremia hederacea</i>
<i>Cassia absus</i>	<i>Mollugo cerviana</i>
<i>Citrullus colocynthis</i>	<i>Mollugo pentaphylla</i>
<i>Cleome chelidonii</i>	<i>Monochora vaginalis</i>
<i>Cleome monophylla</i>	<i>Neptunia triquetra</i>
<i>Clitoria biflora</i>	<i>Neuracanthus sphaerostachyus</i>
<i>Cox lacryma jobi</i>	<i>Nicotianan plumbaginifolia</i>
<i>Commelina forskalii</i>	<i>Oryza rufipogon</i>
<i>Corallocarpus conocarpus</i>	<i>Pantapets phoenicea</i>
<i>Corchorus capsulans</i>	<i>Passiflora foetida</i>
<i>Corchorus tridens</i>	<i>Petalum murex</i>
<i>Crotalaria burhia</i>	<i>Pentatropis capensis</i>
<i>Crotalaria juncea</i>	<i>Pentatropis spiralis</i>
<i>Crotalaria mysorensis</i>	<i>Peperomia pellucida</i>
<i>Cucumis prophetarum</i>	<i>Phragmites karka</i>
<i>Cullen corylifolium</i>	<i>Polycarpon prostratum</i>
<i>Cyperus flavidus</i>	<i>Polygala arvensis</i>
<i>Cyperus nutans var eleusinoides</i>	<i>Pulicaria crispa</i>
<i>Cyperus tegetiformis</i>	<i>Rivinia humilis</i>
<i>Dalechampia scandens var cordofana</i>	<i>Sagittaria sagittifolia</i>
<i>Desmodium neo-mexicanum</i>	<i>Sarcostemma secamone</i>
<i>Digitaria granulans</i>	<i>Sclera tessellata</i>
<i>Emilia sonchifolia</i>	<i>Sesamum orientale</i>
<i>Eragrostis nutans</i>	<i>Sida alba</i>
<i>Eragrostis unioloides</i>	<i>Solanum indicum</i>
<i>Eriocaulon quinqueangulare</i>	<i>Sopubia delphinifolia</i>
<i>Eruca sativa</i>	<i>Striga gesneroides</i>
<i>Eulalopsis binata</i>	<i>Sutera dissecta</i>
<i>Exacum pedunculatum</i>	<i>Tenagochans latifolia</i>
<i>Fimbristylis argentea</i>	<i>Tephrosia senticosa</i>
<i>Fimbristylis complanata</i>	<i>Trachyspermum stictocarpum var stictocarpum</i>
<i>Fimbristylis cymosa</i>	<i>Tragia cannabina</i>
<i>Fimbristylis miliacea</i>	<i>Trianthema inquetra</i>
<i>Fimbristylis polytrichoides</i>	<i>Trigonella occulta</i>
<i>Fimbristylis tetragona</i>	<i>Urochloa panicoides</i>
<i>Fimbristylis woodrowii</i>	<i>Utricularia stellans</i>
<i>Gantelbua urens</i>	<i>Vigna radiata</i>
<i>Gisekia pharnaceoides</i>	
<i>Gloriosa superba</i>	
<i>Gnaphalium pulvinatum</i>	
<i>Goniocaulon indicum</i>	
<i>Hackelochloa granulans</i>	
<i>Hedyotis pumila</i>	
<i>Heliotropium indicum</i>	
<i>Hibiscus caesius</i>	
<i>Hibiscus lobatus</i>	
<i>Hibiscus punctatus</i>	

Table 17 - List of plants enlisted in the records of 1967 and 1980, but not recorded during 2001-2003

<b>Brassicaceae</b>
<i>Rorippa indica</i> Hiern (1967)
<b>Caryophyllaceae</b>
<i>Spergula arvensis</i> L (1967)
<i>Vaccana pyramidata</i> Medik (1967, 1980)
<b>Elatinaceae</b>
<i>Elatine ambigua</i> Wt (1980)
<b>Malvaceae</b>
<i>Abutilon ramosum</i> G & P (1967, 1980)
<i>Sida ovata</i> Forsk (1967, 1980)
<b>Papilionaceae</b>
<i>Crotalaria albida</i> Heyne (1980)
<i>Crotalaria verrucosa</i> L (1967, 1980)
<i>Desmodium tortuosum</i> DC (1967)
<i>Indigofera hochstetteri</i> Baker (1967)
<i>Lathyrus aphaca</i> L (1967)
<i>Rhynchosia minima</i> var <i>laxiflora</i> Baker (1980)
<i>Tephrosia pumila</i> (Lamk ) Pers (1980)
<b>Rosaceae</b>
<i>Potentilla supina</i> L (1967)
<b>Lythraceae</b>
<i>Rotala densiflora</i> Koehne (1967, 1980)
<i>Rotala serpyllifolia</i> Bremek (1967)
<b>Onagraceae</b>
<i>Ludwigia octovalvis</i> Raven ssp <i>sessiliflora</i> (Micheli) Raven (1980)
<b>Cucurbitaceae</b>
<i>Luffa echinata</i> Roxb (1967, 1980)
<b>Umbelliferae</b>
<i>Hydrocotyl javanica</i> Thunb (1980)
<i>Seseli diffusum</i> Sant & Wagh (1980)
<b>Compositae</b>
<i>Blumea fistulosa</i> Kuntze (1980)
<i>Conyza leucantha</i> (D Don) Ludlow & Raven (1980)
<i>Cyathocline purpurea</i> Kuntze (1967)
<i>Erigeron asteroids</i> Roxb (1980)
<i>Gnaphalium luteo-album</i> L (1980)
<i>Oligochaet ramosa</i> (Roxb ) Wagenitz (1980)
<i>Spilanthes paniculata</i> Wall (1967, 1980)
<b>Asclepiadaceae</b>
<i>Ceropegia bulbosa</i> Roxb (1967)
<b>Cuscutaceae</b>
<i>Cuscuta hyaline</i> Roth (1967, 1980)
<b>Solanaceae</b>
<i>Solanum nodiflorum</i> (1967)
<b>Scrophulariaceae</b>
<i>Glossostigma spathulatum</i> Arn (1967, 1980)
<i>Lindernia parviflora</i> Haines (1967, 1980)
<i>Stemodia serrata</i> Benth (1967)
<i>Veronica anagallis-aquatica</i> L (1967, 1980)
<b>Lentibulariaceae</b>
<i>Utricularia gibba</i> L ssp <i>exoleta</i> Taylor (1980)
<i>Utricularia reticulata</i> Sm (1967)
<b>Acanthaceae</b>
<i>Hemigraphis elegans</i> Nees var <i>crenata</i> Cl (1980)
<i>Justicia neesii</i> Raman (1980)
<i>Rungia elegans</i> D & G (1980)
<b>Labiatae</b>
<i>Leucas capitata</i> Desf (1967, 1980)
<i>Salvia plebeia</i> R Br (1980)
<b>Amaranthaceae</b>
<i>Alternanthera ficoides</i> (1980)

<i>Amaranthus dubius</i> Mart (1980)
<b>Chenopodiaceae</b>
<i>Chenopodium murale</i> (1980)
<b>Polygonaceae</b>
<i>Polygonum barbatum</i> L (1967)
<i>Rumex dentatus</i> L (1967, 1980)
<b>Aristolochiaceae</b>
<i>Aristolochia bracteolata</i> Lamk (1967, 1980)
<b>Euphorbiaceae</b>
<i>Andrachene telephioides</i> L (1980)
<i>Euphorbia dracunculoides</i> Lam (1967, 1980)
<i>Euphorbia perbracteata</i> Gage (1980)
<i>Euphorbia zornoides</i> Boiss (1980)
<i>Phyllanthus urinaria</i> L (1980)
<i>Secunnege virsa</i> Pax & Hoffm (1980)
<b>Hydrocharitaceae</b>
<i>Ottelia alismoides</i> Pers (1967)
<b>Amaryllidaceae</b>
<i>Zephyranthus rosea</i> Linde (1980)
<b>Commelinaceae</b>
<i>Commelina paludosa</i> Bl (1967)
<i>Tonningia cristata</i> Schult
<b>Alismataceae</b>
<i>Sagittaria guayanensis</i> Hk f ssp <i>lappula</i> Bogin (1967, 1980)
<b>Potamogetonaceae</b>
<i>Potamogeton pectinatus</i> L (1967, 1980)
<i>Potamogeton perfoliatus</i> L (1967, 1980)
<b>Eriocaulaceae</b>
<i>Enocaulon sieboldianum</i> Sieb & Zucc (1980)
<b>Cyperaceae</b>
<i>Cyperus bulbosus</i> Vahl
<i>Cyperus pseudokyllingoides</i> Kuekenth (1980)
<i>Cyperus rectangularis</i> Bennet (1980)
<i>Cyperus rotundus</i> L ssp <i>tuberosus</i> Kuekenth (1980)
<i>Eleocharis acutangula</i> Schult (1967, 1980)
<i>Eleocharis atropurpurea</i> Kunth (1967, 1980)
<i>Fimbristylis dichotoma</i> vahl var <i>diphylla</i> Koyama (1967)
<i>Fimbristylis digitata</i> Boeck (1967)
<b>Gramineae</b>
<i>Agrostis semiverticillata</i> L (1980)
<i>Andropogon pumilus</i> Roxb (1967)
<i>Brachiana distachya</i> Stapf (1967)
<i>Capillipedium assimile</i> Camus (1967)
<i>Chloris dolichostachya</i> Lagasca (1967)
<i>Chloris gyana</i> Kunth (1967, 1980)
<i>Dichanthium canosum</i> Camus (1967, 1980)
<i>Digitaria violascens</i> Link (1967)
<i>Echinochloa crus-galli</i> Beauv (1967)
<i>Echinochloa pyramidalis</i> (Lamk ) Hitchc (1980)
<i>Eragrostis cilianensis</i> Link (1967, 1980)
<i>Eragrostis ciliata</i> (1980)
<i>Eriochloa procera</i> Hubbard (1967)
<i>Eulalia trispicata</i> Henr (1967)
<i>Hemarthra compressa</i> R Br (1967)
<i>Iseilema prostratum</i> Anderss (1967, 1980)
<i>Ophiuros megaphyllus</i> Stapf (1967, 1980)
<i>Panicum trypheron</i> Schult (1967)
<i>Paspalum vaginatum</i> Swartz (1967, 1980)
<i>Pseudoraphis spinescens</i> Vickery (1967, 1980)
<i>Sporobolus fertilis</i> (Steud ) Clayton (1980)
<i>Sporobolus tremulus</i> Kunth (1967)
<i>Vetivera zizanioides</i> Nash (1967)

Table 18 - List of plants enlisted in the records of 1973, but not recorded during 2001-2003

<b>Brassicaceae</b>
<i>Coronopus didymus</i> Sm
<i>Ronppa indica</i> Hiern
<b>Malvaceae</b>
<i>Abutilon hirtum</i> (Lam.) G Don
<b>Papilionaceae</b>
<i>Atylosia scarabaeoides</i> Benth
<i>Crotalaria hirsuta</i> Willd
<i>Crotalaria onxensia</i> Willd
<i>Crotalaria verrucosa</i> L
<i>Desmodium laxiflorum</i> DC
<i>Rhynchosia capitata</i> DC
<i>Rhynchosia minima</i> var <i>laxiflora</i> Baker
<b>Rosaceae</b>
<i>Potentilla supina</i> L
<b>Lythraceae</b>
<i>Rotala serpyllifolia</i> Bremek
<b>Cucurbitaceae</b>
<i>Solena heterophylla</i> Lour
<b>Compositae</b>
<i>Blumea malcolmii</i> (Clarke) Hk f
<i>Blumea oxyodonta</i> DC
<i>Dicoma tomentosa</i> Cass
<i>Glossocardia bosvallea</i> DC
<i>Gnaphalium luteo-album</i> L
<i>Oligochaeta ramosa</i> (Roxb ) Wagen
<i>Pulicaria angustifolia</i> DC
<i>Spilanthes paniculata</i> Wall
<b>Campanulaceae</b>
<i>Campanula benthamii</i> Wall
<b>Asclepiadaceae</b>
<i>Hemidesmus indicus</i> (L ) Schult
<b>Convolvulaceae</b>
<i>Hewittia sublobata</i> O Kuntze
<b>Scrophulariaceae</b>
<i>Buchnera hispida</i> Buch – Ham
<i>Centranthera indica</i> (L ) Gamble
<i>Haplanthus verticillatis</i> (Roxb ) Nees
<i>Justicia vahlii</i> Roth
<i>Veronica anagallis-aquatica</i> L
<b>Labiatae</b>
<i>Leucas capitata</i> Desf
<i>Leucas stricta</i> Benth
<i>Leucas zeylanica</i> R Br
<b>Amaranthaceae</b>
<i>Aerva sanguinolenta</i> (L ) Blume
<i>Amaranthus lividus</i> L
<b>Aristolochiaceae</b>
<i>Aristolochia bracteolata</i> Lamk
<b>Euphorbiaceae</b>
<i>Euphorbia perbracteata</i> Gage
<b>Commelinaceae</b>
<i>Commelina hasskarlii</i> Clarke
<i>Commelina undulate</i> R Br
<i>Tonningia cristata</i> Schult
<b>Potamogetonaceae</b>
<i>Potamogeton pectinatus</i> L
<i>Potamogeton perfoliatus</i> L
<b>Eriocaulaceae</b>
<i>Enocaulon sieboldianum</i> Sieb & Zucc
<b>Cyperaceae</b>
<i>Cyperus alopecuroides</i> Rottb
<i>Cyperus bulbosus</i> Vahl

<i>Cyperus rectangularis</i> Bennet
<b>Gramineae</b>
<i>Andropogon pumilus</i> Roxb
<i>Capillipedium filiculme</i> Stapf
<i>Chloris gyana</i> Kunth
<i>Cymbopogon jawarancusa</i> Schult
<i>Dichanthium caricosum</i> Camus
<i>Echinochloa pyramidalis</i> (Lamk ) Hitchc
<i>Eragrostis diarrhena</i> (Schult ) Steud
<i>Eragrostis termula</i> Hochst
<i>Ophiuroides megaphyllus</i> Stapf
<i>Rottboellia exaltata</i> L
<i>Vetivera zizanioides</i> Nash

Table 19 - List of plant species (along with families) mentioned in digital database

<b>Acanthaceae</b>
<i>Barleria prattensis</i> L
<i>Barleria prionitis</i> L
<i>Blepharis maderaspatensis</i> (L ) Roth
<i>Blepharis repens</i> (Vahl) Roth
<i>Dicliptera verticillata</i> (Forsk ) Chirst
<i>Dipteracanthus prostratus</i> (Poir ) Nees
<i>Elytrana acaulis</i> (L ) Lindau
<i>Gantelbua urens</i> (Heyne ex Roth) Bremek
<i>Hemiodelphis polysperma</i> Nees
<i>Hygrophila serpyllum</i> (Nees) Anders
<i>Hygrophila aunculata</i> (Schum ) Heine
<i>Indonessiella echioides</i> (L ) Sreem
<i>Justicia diffusa</i> Willd
<i>Justicia procumbens</i> L
<i>Lepidagathis trinervis</i> Wall
<i>Neuracanthus sphaerostachyus</i> (Nees ) Dalz
<i>Peristrophe bicalyculata</i> (Retz ) Nees
<i>Ruellia tuberosa</i> L
<i>Rungia pectinata</i> (L ) Nees
<i>Rungia repens</i> (L ) Nees
<b>Aizoaceae</b>
<i>Trianthema portulacastrum</i> L
<i>Trianthema triquetra</i> Rottl & Willd
<b>Alismataceae</b>
<i>Limnophyton obtusifolium</i> (L ) Miq
<i>Sagittaria sagittifolia</i> L
<b>Amaranthaceae</b>
<i>Achyranthes aspera</i> Cooke
<i>Aerva lanata</i> (L ) Juss
<i>Aerva persica</i> (Burm ) Juss
<i>Alternanthera paronychoides</i> St Hill
<i>Alternanthera pungens</i> H B & K
<i>Alternanthera sessilis</i> (L ) DC
<i>Amaranthus spinosus</i> L
<i>Amaranthus viridis</i> L
<i>Celosia argentea</i> L
<i>Digera muncata</i> (L ) Mart
<i>Gomphrena celosioides</i> Mart
<i>Nothosaerva brachiata</i> (L ) Wight
<i>Pupalia lappacea</i> (L ) Juss
<b>Amaryllidaceae</b>
<i>Crinum pratense</i> Herbert
<b>Apocynaceae</b>
<i>Catharanthus pusillus</i> (Murr ) G Don
<b>Aponogetonaceae</b>
<i>Aponogeton natans</i> (L ) Engl & Krause
<b>Araceae</b>
<i>Colocasia esculenta</i> L
<b>Asclepiadaceae</b>
<i>Pentatropis capensis</i> (L ) Bullock
<i>Pentatropis spiralis</i> (Forsk ) Dcne
<i>Pergularia daemia</i> (Forsk ) Chiov
<i>Sarcostemma secamone</i> (L ) Bennet
<b>Basellaceae</b>
<i>Basella rubra</i> L
<b>Boraginaceae</b>
<i>Coldenia procumbens</i> L
<i>Heliotropium indicum</i> L
<i>Heliotropium marifolium</i> Retz
<i>Heliotropium supinum</i> L

<i>Heliotropium ovalifolium</i> Forsk
<i>Trichodesma indicum</i> R Br
<i>Trichodesma zeylanicum</i> R Br
<b>Brassicaceae</b>
<i>Lepidium sativum</i> L
<i>Brassica juncea</i> (L) Coss
<i>Eruca sativa</i> Mill
<b>Butomaceae</b>
<i>Tenagochans latifolia</i> (D Don) Buchen
<b>Caesalpiniaceae</b>
<i>Cassia absus</i> L
<i>Cassia occidentalis</i> L
<i>Cassia pumila</i> Lam
<i>Cassia fora</i> L
<b>Caryophyllaceae</b>
<i>Polycarpaea corymbosa</i> Lam
<i>Polycarpon prostratum</i> Aschers & Schweinf
<b>Chenopodiaceae</b>
<i>Chenopodium album</i> L
<b>Cleomaceae</b>
<i>Cleome chelidonii</i> L
<i>Cleome gynandra</i> L
<i>Cleome monophylla</i> L
<i>Cleome simplicifolia</i> Hk f & T
<i>Cleome viscosa</i> L
<b>Commelinaceae</b>
<i>Commelina benghalensis</i> L
<i>Commelina forskalii</i> Vahl
<i>Commelina nudiflora</i> L
<i>Murdannia nudiflora</i> (L) Brenan
<i>Tonningia axillanes</i> (L) O Ktze
<b>Compositae</b>
<i>Acanthospermum hispidum</i> DC
<i>Ageratum conyzoides</i> L
<i>Amberboa ramose</i> (Roxb) Jafri
<i>Bidens biternatea</i> (Lour) Merr & Sherff
<i>Blainvillea acmella</i> (L) Philip
<i>Blumea enantha</i> DC
<i>Blumea lacera</i> (Brum) DC
<i>Blumea membranacea</i> DC
<i>Blumea mollis</i> (Don) Merr
<i>Blumea obliqua</i> (L) Druce
<i>Caesulia axillanes</i> Roxb
<i>Centratherum phyllolaenum</i> (DC) Bth
<i>Chichorium intybus</i> L
<i>Echinops echinatus</i> Roxb
<i>Eclipta alba</i> (L) Hassk
<i>Emilia sonchifolia</i> (L) DC
<i>Gnaphalium polycaulon</i> Pers
<i>Gnaphalium pulvinatum</i> Del
<i>Goniocaulon indicum</i> Cl
<i>Grangea maderaspatana</i> (L) Poir
<i>Lagascea mollis</i> Cav
<i>Launaea procumbens</i> (Roxb) Ram & Raj
<i>Parthenium hysterophorus</i> L
<i>Pentanema indicum</i> (L) Ling
<i>Pulicaria crispa</i> Sch -Bip
<i>Sclerocarpus africanus</i> Jacq
<i>Sonchus oleraceus</i> L
<i>Sphaeranthus indicus</i> Linn
<i>Synedrella nodiflora</i> (L) Gaertn
<i>Tricholepis glaberrima</i> DC
<i>Tridax procumbens</i> L
<i>Vernonia cinerea</i> (L) Lees

<i>Xanthium strumarum</i> L
<b>Convolvulaceae</b>
<i>Convolvulus arvensis</i> L
<i>Convolvulus prostratus</i> Forssk
<i>Cressa cretica</i> L
<i>Evolvulus alsinoides</i> L
<i>Evolvulus nummularius</i> L
<i>Ipomoea aquatica</i> Forsk
<i>Ipomoea cairica</i> (L ) Sw
<i>Ipomoea coptica</i> (L ) Roth
<i>Ipomoea dichroa</i> Choisy
<i>Ipomoea enocarpa</i> R Br
<i>Ipomoea hederifolia</i> L
<i>Ipomoea nil</i> (L ) Roth
<i>Ipomoea obscura</i> (L ) Ker
<i>Ipomoea pes-tigridis</i> L
<i>Ipomoea pulchella</i> Roth
<i>Ipomoea sepiaria</i> Koen
<i>Ipomoea sindica</i> Stapf
<i>Ipomoea sinensis</i> (Desr ) Choisy
<i>Ipomoea triloba</i> L
<i>Jacquemonita paniculata</i> (Burm ) Hall
<i>Merremia aegyptia</i> (L ) Urb
<i>Merremia emarginata</i> (Burm ) Hall
<i>Merremia hederacea</i> (Burm ) Hall
<i>Merremia tridentata</i> (L ) Hall
<b>Ceratophyllaceae</b>
<i>Ceratophyllum demersum</i> L
<b>Cucurbitaceae</b>
<i>Blastania cerasiformis</i> (Stocks) Meeuse
<i>Citrullus colocynthis</i> (L ) Schrad
<i>Coccinia grandis</i> (L ) Voigt
<i>Corallocarpus conocarpus</i> (D & G ) Cl
<i>Cucumis callosus</i> (Rottl ) Cogn
<i>Cucumis prophetarum</i> L
<i>Diplocyclos palmatus</i> (L ) Jeffrey
<i>Luffa acutangula</i> (L ) Roxb
<i>Luffa amara</i> Roxb
<i>Luffa cylindrica</i> (L ) Roem
<i>Melothna maderaspatana</i> (L ) Cogn
<i>Momordica charantia</i> L
<i>Momordica dioica</i> Roxb
<i>Trichosanthes cucumerina</i> L
<b>Cuscutaceae</b>
<i>Cuscuta chinensis</i> Lam
<i>Cuscuta reflexa</i> Roxb
<b>Cyperaceae</b>
<i>Bulbostylis barbata</i> (Rottb ) Cl
<i>Cyperus arenarius</i> Retz
<i>Cyperus compressus</i> L
<i>Cyperus difformis</i> L
<i>Cyperus esculentus</i> L
<i>Cyperus exaltatus</i> Retz
<i>Cyperus flavidus</i> Cl
<i>Cyperus ina</i> L
<i>Cyperus ina</i> L var <i>parviflorus</i> (Nees) Miq
<i>Cyperus laevigatus</i> L
<i>Cyperus leucocephalus</i> Retz
<i>Cyperus michelianus</i> (L ) Link ssp
<i>pygmaeus</i> (Rottb ) Aschers & Graeb
<i>Cyperus nutans</i> Vahl var <i>eleusinoides</i> Haines
<i>Cyperus pangorei</i> Rottb
<i>Cyperus pulcherrimus</i> Willd

<i>Cyperus rotundus</i> L
<i>Cyperus tegetiformis</i> Roxb
<i>Eleocharis atropurpurea</i> (Retz ) Kunth
<i>Eleocharis dulcis</i> (Burm f ) Trin ex Henschel
<i>Fimbristylis argentea</i> Vahl
<i>Fimbristylis bisumbellata</i> (Forsk ) Bub
<i>Fimbristylis complanata</i> (Retz ) Link
<i>Fimbristylis cymosa</i> R Br
<i>Fimbristylis dichotoma</i> (L ) Vahl
<i>Fimbristylis falcata</i> (Vahl ) Kunth
<i>Fimbristylis ferruginea</i> (L ) Vahl
<i>Fimbristylis littoralis</i> Gaud
<i>Fimbristylis miliacea</i> (L ) Vahl
<i>Fimbristylis ovata</i> (Burm f ) Kern
<i>Fimbristylis polytrichoides</i> (Retz ) Vahl
<i>Fimbristylis schoenoides</i> Vahl
<i>Fimbristylis tenera</i> R & S
<i>Fimbristylis tetragona</i> R Br
<i>Fimbristylis woodrowii</i> Cl
<i>Kyllinga tenuifolia</i> Steud
<i>Manscus squarrosus</i> (L ) Cl
<i>Pycreus pumilus</i> (L ) Nees ex Cl
<i>Sclera tessellata</i> Willd
<i>Scheonoplectus articulatus</i> (L ) Pallq
<i>Scheonoplectus roylei</i> (Nees) Oviczinn & Czukav
<i>Scirpus corymbosus</i> Heyne
<i>Scirpus littoralis</i> Schard var <i>subulatus</i> Chiov
<i>Scirpus squarrosus</i> L
<i>Scirpus supinus</i> L
<b>Dioscoreaceae</b>
<i>Dioscorea bulbifera</i> L
<b>Elatinaceae</b>
<i>Bergia ammannioides</i> Roxb ex Roth
<i>Bergia odorata</i> Edgew
<b>Eriocaulaceae</b>
<i>Enocaulon quinqueangulare</i> L
<b>Euphorbiaceae</b>
<i>Acalypha ciliata</i> Forsk
<i>Acalypha indica</i> L
<i>Chrozophora prostrata</i> Dalz
<i>Chrozophora rottleri</i> (Geis ) Juss
<i>Croton bonplandianum</i> Baill
<i>Dalechampia scandens</i> L var <i>cordofana</i> (Hochst ) Muell -Arg
<i>Euphorbia geniculata</i> Ort
<i>Euphorbia hirta</i> L
<i>Euphorbia hypencifolia</i> L
<i>Euphorbia microphylla</i> Heyne ex Roth
<i>Euphorbia prostrata</i> Ait
<i>Euphorbia thymifolia</i> L
<i>Phyllanthus amarus</i> Schum & Thonn
<i>Phyllanthus maderaspatensis</i> L
<i>Phyllanthus simplex</i> Retz
<i>Tragia cannabina</i> L
<b>Gentianaceae</b>
<i>Canscora diffusa</i> R Br
<i>Enicostema axillare</i> (Lam ) Rayna
<i>Exacum pedunculatum</i> L
<i>Hoppea dichotoma</i> Willd
<b>Gramineae</b>
<i>Aeluropus lagopoides</i> (L ) Trin ex Thw
<i>Alloteropsis cimicina</i> (L ) Stapf
<i>Apluda mutica</i> L

<i>Aristida adscensionis</i> L
<i>Aristida funiculata</i> Trin & Rupr
<i>Aristida redacta</i> Stapf
<i>Arundinella pumila</i> (Hochst ) Steud
<i>Bothriochloa pertusa</i> ( L ) Camus
<i>Brachiaria eruciformis</i> Griseb
<i>Brachiaria ramosa</i> ( L ) Stapf
<i>Brachiaria reptans</i> ( L ) Gard
<i>Cenchrus biflorus</i> Roxb
<i>Cenchrus ciliars</i> L
<i>Cenchrus setigerus</i> Vahl
<i>Chloris barbata</i> ( L ) Sw
<i>Chloris virgata</i> Sw
<i>Chrysopogon fulvus</i> (Spreng ) Chiov
<i>Cox lacryma jobi</i> L
<i>Cymbopogon martinii</i> (Roxb ) Wats
<i>Cynodon dactylon</i> ( L ) Pers
<i>Dactyloctenium aegyptium</i> ( L ) Beauv
<i>Desmostachya bipinnata</i> ( L ) Stapf
<i>Dichanthium annulatum</i> (Forssk ) Stapf
<i>Digitaria ciliars</i> Koeler
<i>Digitaria granulans</i> Henr
<i>Digitaria stricta</i> Roth
<i>Dinebra retroflexa</i> (Vahl) Panz
<i>Echinochloa colonum</i> ( L ) Link
<i>Eleusine indica</i> ( L ) Gaertn
<i>Elytrophorus spicatus</i> Camus
<i>Eragrostis ciliars</i> ( L ) R Br
<i>Eragrostis japonica</i> (Thunb ) Trin
<i>Eragrostis nigra</i> Steud
<i>Eragrostis nutans</i> (Retz ) Nees
<i>Eragrostis pilosa</i> ( L ) Beauv
<i>Eragrostis tenella</i> ( L ) Beauv
<i>Eragrostis unioloides</i> (Retz ) Nees
<i>Eragrostis viscosa</i> (Retz ) Trin ex Thw
<i>Eremopogon foveolatus</i> (Del ) Stapf
<i>Eulaliopsis binata</i> (Retz ) Hubbard
<i>Hackelochloa granulans</i> ( L ) O Ktze
<i>Heteropogon contortus</i> ( L ) Beauv
<i>Hygroryza aristata</i> (Retz ) Nees ex W & A
<i>Ischaemum indicum</i> (Houtt ) Merr
<i>Ischaemum rugosum</i> Salisb
<i>Iseilema antheplioroides</i> Hack
<i>Iseilema laxum</i> Hack
<i>Melanocenchris jacquemontii</i> J & S
<i>Ophiuros exaltatus</i> O Ktze
<i>Oplismenus burmannii</i> (Retz ) Beauv
<i>Oplismenus compositus</i> ( L ) Beauv
<i>Oryza rufipogon</i> Griff
<i>Panicum antidotale</i> Retz
<i>Panicum antidotale</i> Retz
<i>Panicum sumatrense</i> Roth
<i>Paspalidium flavidum</i> (Retz ) Camus
<i>Paspalidium geminatum</i> (Forssk ) Stapf
<i>Perotis indica</i> ( L ) O Ktze
<i>Phragmites karka</i> Steud
<i>Pseudanthistina hispida</i> Hk f
<i>Saccharum spontaneum</i> L
<i>Schoenefeldia gracilis</i> Kunth
<i>Setaria glauca</i> ( L ) Beauv
<i>Setaria pallide-fusca</i> (Schum ) Stapf
<i>Setaria tomentosa</i> (Roxb ) Kunth
<i>Setaria verticillata</i> ( L ) Beauv
<i>Sorghum halpense</i> ( L ) Pers

<i>Sporobolus coromandelianus</i> (Retz ) Kunth
<i>Sporobolus diander</i> (Retz ) Beauv
<i>Sporobolus indicus</i> Br
<i>Sporobolus marginatus</i> Hochst ex A Rich
<i>Tetrapogon tenellus</i> (Roxb ) Chiov
<i>Themeda triandra</i> Frossk
<i>Tragus roxburghii</i> Panigrahi
<i>Urochloa panicoides</i> Beauv
<b>Hydrocharitaceae</b>
<i>Hydrilla verticillata</i> (L ) Royle
<i>Lagarosiphon alternifolia</i> (Roxb ) Druce
<i>Vallisneria spiralis</i> L
<b>Labiatae</b>
<i>Anisomeles indica</i> (L ) O Ktze
<i>Basilicum polystachyon</i> (L ) Moench
<i>Hyptis suaveolens</i> (L ) Poit
<i>Leonotis nepetaefolia</i> (L ) R Br
<i>Leucas aspera</i> (Willd ) Spr
<i>Leucas biflora</i> R Br
<i>Leucas urticaefolia</i> R Br
<i>Ocimum americanum</i> L
<i>Ocimum gratissimum</i> L
<b>Lemnaceae</b>
<i>Lemna gibba</i> L
<i>Lemna polyrhiza</i> L
<b>Lentibulariaceae</b>
<i>Utricularia stellans</i> L
<b>Liliaceae</b>
<i>Asphodelus tenuifolius</i> Cav
<i>Gloriosa superba</i> L
<b>Lythraceae</b>
<i>Ammannia baccifera</i> L
<i>Ammannia multiflora</i> Roxb
<i>Rotala indica</i> (Willd ) Koehne
<b>Malvaceae</b>
<i>Abelmoschus manihot</i> (L ) Medic
<i>Abelmoschus moschatus</i> Medic
<i>Abutilon indicum</i> (L ) Sw
<i>Abutilon pannosum</i> (Forst ) Schlect
<i>Hibiscus caesius</i> Gracke
<i>Hibiscus lobatus</i> (Murr ) O Ktze
<i>Hibiscus ovalifolius</i> (Forsk ) Vahl
<i>Hibiscus panduraeformis</i> Burm
<i>Hibiscus punctatus</i> Dalz
<i>Malachra capitata</i> L
<i>Malvastrum coromandelianum</i> (L ) Garcke
<i>Pavonia zeylanica</i> Cav
<i>Sida acuta</i> Burm
<i>Sida alba</i> L
<i>Sida cordata</i> (Burm f ) Borss
<i>Sida cordifolia</i> L
<i>Sida rhombifolia</i> L
<i>Urena lobata</i> L
<b>Martyniaceae</b>
<i>Martynia annua</i> L
<b>Menispermaceae</b>
<i>Cissampelos pareira</i> L
<i>Cocculus hirsutus</i> (L ) Diels
<b>Meyanthaceae</b>
<i>Nymphoides hydrophylla</i> (Lour ) O Ktze
<i>Nymphoides indicum</i> (L ) O Ktze
<b>Mimosaceae</b>
<i>Neptunia prostrata</i> (Lam ) Baill
<i>Neptunia triquetra</i> (Willd ) Bth

<b>Molluginaceae</b>
<i>Gisekia pharnaceoides</i> L
<i>Glinus lotoides</i> L
<i>Glinus oppositifolius</i> (L ) DC
<i>Mollugo cerviana</i> (L ) Ser
<i>Mollugo pentaphylla</i> L
<b>Najadaceae</b>
<i>Najas minor</i> All
<i>Najas marna</i> L
<b>Nyctaginaceae</b>
<i>Boerhavia diffusa</i> L
<i>Commicarpus chinensis</i> (L ) Heinerl
<i>Commicarpus verticillatus</i> Standl
<b>Nymphaeaceae</b>
<i>Nymphaea stellata</i> Willd
<i>Nymphaea nouchali</i> Burm
<i>Nelumbo nucifera</i> Gaertn
<b>Onagraceae</b>
<i>Jussiaea perennis</i> (L ) Brenan
<i>Jussiaea repens</i> L
<b>Orobanchaceae</b>
<i>Orobanche cernua</i> Loefl
<b>Oxalidaceae</b>
<i>Biophytum sensitivum</i> (L ) DC
<i>Oxalis corniculata</i> L
<b>Papaveraceae</b>
<i>Argemone mexicana</i> L
<b>Papilionaceae</b>
<i>Abrus precatorius</i> L
<i>Aeschynomene villosa</i> Poir
<i>Aeschynomene indica</i> L
<i>Alysicarpus bupleunifolius</i> (L ) DC
<i>Alysicarpus glumaceus</i> (Vahl) DC
<i>Alysicarpus hamosus</i> Edgew
<i>Alysicarpus longifolius</i> (Rottl ex Spr ) W & A
<i>Alysicarpus monilifer</i> (L ) DC
<i>Alysicarpus scanosus</i> Rottl ex Spr
<i>Alysicarpus tetragonolobus</i> Edgew
<i>Alysicarpus vaginalis</i> (L ) DC
<i>Canavalia gladiata</i> (Jacq) DC
<i>Clitona biflora</i> Dalz
<i>Clitona ternatea</i> L
<i>Crotalaria burhia</i> Buch -Ham ex Bth
<i>Crotalaria hebecarpa</i> (DC ) Rudd
<i>Crotalaria juncea</i> L
<i>Crotalaria linifolia</i> L
<i>Crotalaria medicaginea</i> Lam
<i>Crotalaria mysorensis</i> Roth
<i>Crotalaria retusa</i> L
<i>Cullen corylifolium</i> (L ) Medic
<i>Desmodium gangeticum</i> (L ) DC
<i>Desmodium neo-mexicanum</i> A Gray
<i>Desmodium triflorum</i> (L ) DC
<i>Indigofera astragalina</i> DC
<i>Indigofera cordifolia</i> Heyne ex Roth
<i>Indigofera glandulosa</i> Roxb ex Willd
<i>Indigofera linifolia</i> L
<i>Indigofera linnaei</i> Ali
<i>Indigofera sessiliflora</i> DC
<i>Indigofera trifoliata</i> L
<i>Indigofera trita</i> L
<i>Mellilotus alba</i> Desr
<i>Mellilotus indica</i> All
<i>Mucuna prunens</i> (L ) DC

<i>Rhynchosia minima</i> (L ) DC
<i>Tephrosia purpurea</i> (L ) Pers
<i>Tephrosia senticosa</i> Pers
<i>Tephrosia strigosa</i> (Dalz ) Sant & Mahesh
<i>Tephrosia villosa</i> (L ) Pers
<i>Teramnus labialis</i> (L ) Spreng
<i>Trigonella occulta</i> Del
<i>Vigna radiata</i> (L ) Wilczek
<i>Vigna trilobata</i> (L ) Verckourt
<i>Zornia gibbosa</i> Span
<b>Passifloraceae</b>
<i>Passiflora foetida</i> L
<b>Pedaliaceae</b>
<i>Pedaliium murex</i> L
<i>Sesamum orientale</i> L
<b>Phytolaccaceae</b>
<i>Rivina humilis</i> L
<b>Piperaceae</b>
<i>Peperomia pellucida</i> (L ) H B & K
<b>Polygalaceae</b>
<i>Polygala arvensis</i> Willd
<i>Polygala erioptera</i> DC
<b>Polygonaceae</b>
<i>Antigonon leptopus</i> Hook & Arn
<i>Persicana glabra</i> (Willd ) Gomez
<i>Polygonum plebeium</i> R Br
<b>Pontederiaceae</b>
<i>Eichhornia crassipes</i> (Mart ) Solms
<i>Monochoria vaginalis</i> (Burm ) Pres
<b>Portulacaceae</b>
<i>Portulaca oleracea</i> L
<i>Portulaca quadrifida</i> L
<b>Potamogetonaceae</b>
<i>Potamogeton crispus</i> L
<i>Potamogeton nodosus</i> Poir
<b>Primulaceae</b>
<i>Anagallis arvensis</i> Dalz & Gibs
<b>Rubiaceae</b>
<i>Dentella repens</i> (L ) Forst
<i>Hedyotis corymbosa</i> (L ) Lam
<i>Hedyotis pumila</i> L
<i>Spermacoce articulans</i> L
<i>Spermacoce pusilla</i> (Wall ) DC
<b>Sapindaceae</b>
<i>Cardiospermum halicacabum</i> L
<b>Saxifragaceae</b>
<i>Bistella digyna</i> (Retz ) Bullock
<b>Scrophulariaceae</b>
<i>Bacopa monnien</i> (L ) Pennell
<i>Dopatum junceum</i> Buch -Ham
<i>Kickxia ramosissima</i> (Wall ) Janchen
<i>Limnophila indica</i> (L ) Druce
<i>Lindenbergia indica</i> (L ) O Ktze
<i>Lindernia ciliata</i> (Colsm ) Penn
<i>Lindernia crustacea</i> (L ) Muell
<i>Lindernia oppositifolia</i> (Retz ) Mukerjee
<i>Scoparia dulcis</i> L
<i>Sopubia delphinifolia</i> (L ) G Don
<i>Stemodia viscosa</i> Roxb
<i>Striga angustifolia</i> (Don) Saldanha
<i>Striga densiflora</i> Bth
<i>Striga gesneroides</i> (Willd ) Vatke
<i>Sutera dissecta</i> (Del ) Walp
<i>Verbascum chinense</i> (L ) Sant

<b>Solanaceae</b>
<i>Datura metel</i> L
<i>Nicotiana plumbaginifolia</i> Viv
<i>Physalis longifolia</i> Nutt
<i>Physalis minima</i> L
<i>Solanum indicum</i> L
<i>Solanum nigrum</i> L
<i>Solanum xanthocarpum</i> Schrad & Wendl
<i>Withania somnifera</i> (L.) Dun
<b>Sterculiaceae</b>
<i>Melochia corchorifolia</i> L
<i>Pantapets phoenicea</i> L
<i>Waltheria americana</i> L
<b>Tiliaceae</b>
<i>Corchorus aestuans</i> L
<i>Corchorus capsularis</i> L
<i>Corchorus fascicularis</i> Lam
<i>Corchorus olitorus</i> L
<i>Corchorus tridens</i> L
<i>Trumfetta pentandra</i> A Rich
<i>Trumfetta rhomboidea</i> Jacq
<i>Trumfetta rotundifolia</i> Lam
<b>Typhaceae</b>
<i>Typha angustata</i> Bory & Chaub
<b>Umbelliferae</b>
<i>Trachyspermum stictocarpum</i> Wolff var <i>stictocarpum</i> Ch & O
<b>Urticaceae</b>
<i>Laportea interrupta</i> (L.) Chew
<b>Verbenaceae</b>
<i>Phyla nodiflora</i> (L.) Greene
<b>Violaceae</b>
<i>Hybanthus enneaspermus</i> (L.) F Muell
<b>Vitaceae</b>
<i>Cayratia trifolia</i> (L.) Domin
<b>Zygophyllaceae</b>
<i>Tribulus terrestris</i> L