Supplementary Article

$$\text{Frequency} = \frac{\text{Total number of quadrats in which species occured}}{\text{Total number of quadrats studied}} \times 100$$

$$\text{Relative Frequency (\%)} = \frac{\text{Frequency of species}}{\text{Sum frquency of all species}} \times 100$$

Relative frequency frequency of species 100 sum frequency of all species

$$\text{Density (individual per unit area)} = \frac{\text{Total number of indiviuals of the species}}{\text{Total number of quadrats studied}}$$

$$\text{Density (per ha)} = \frac{\text{Density}}{\text{Quadrat area}} \times 10000$$

$$\text{Abundance} = \frac{\text{Total number of indiviuals of the species}}{\text{Total number of quadrats in which species occured}}$$

$$\text{Relative Abundance (\%)} = \frac{\text{Total number of indiviuals of the species}}{\text{Total number of individual of all species recorded}} x100$$

$$\text{Relative density (\%)} = \frac{\text{Number of indivitual plant species}}{\text{Total number of species in a quadrat}} \times 100$$

Importance value index (IVI) = Relative density + Relative frequency + Relative abundance.

Table S1. List of species recorded in quadrats of RMS sites showing some biodiversity parameters.

Name of Species	Frequency (%)	Relative Frequency (%)	Abundance	Relative Abundance	Density (individuals/unit area)	Density/ha	Relative density (%)	IVI
Bambusa arundinacea	100	14.29	40.3	51.40	40.3	4033.3	55.5	121.19
Albizzia spp.	100	14.29	14	17.86	14	1400	17.6	49.74
Dalbergia sissoo	100	14.29	8.3	10.59	8.3	833.3	10.5	35.37
Psidium guajava	66.7	9.53	2	2.55	1.3	133.3	1.7	13.78
Butea Monosperma	33.3	4.76	1	1.28	0.3	33.3	0.4	6.43
Phyllanthus emblica	33.3	4.76	3	3.83	1	100	1.3	9.88
Zizyphus mauritiana	100	14.29	3.3	4.21	3.3	333.3	4.2	22.69
Azadirachta indica	66.7	9.53	3	3.83	2	200	2.5	15.86
Bauhunia veriegata	66.7	9.53	2.5	3.19	1.7	166.7	2.1	14.82
Alstonia scholaris	33.3	4.76	1	1.28	0.3	33.3	0.4	6.43