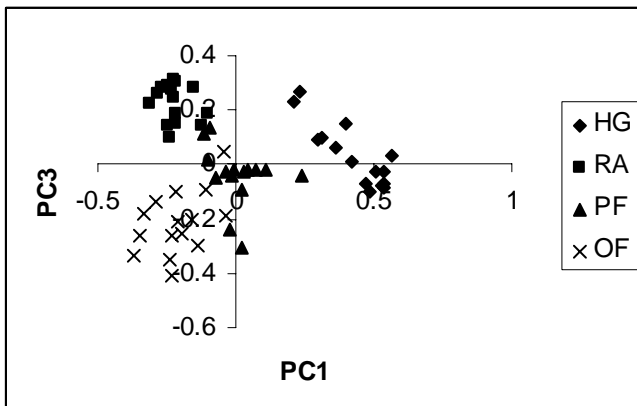
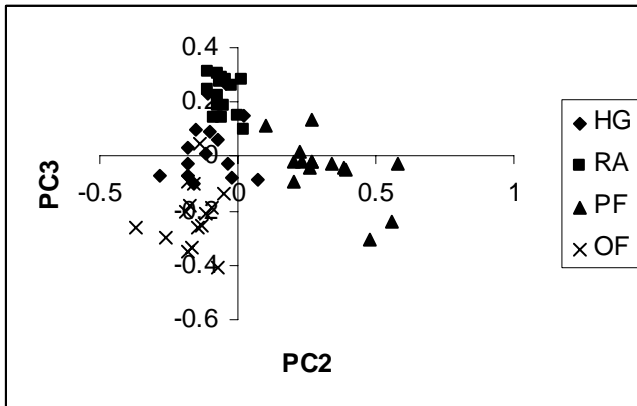
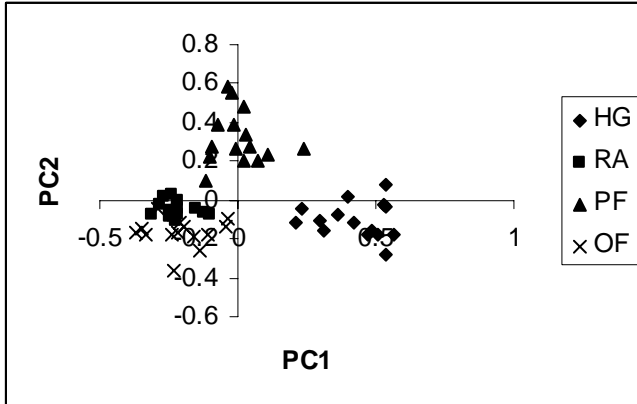
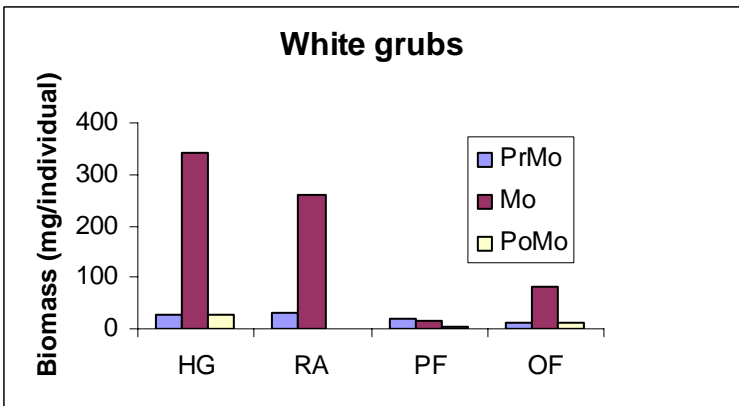
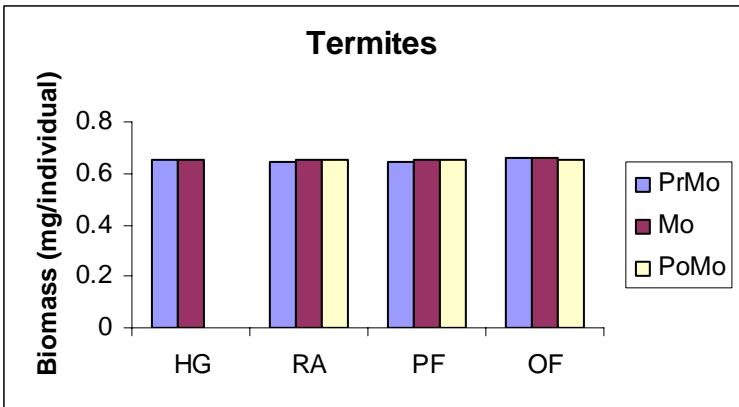
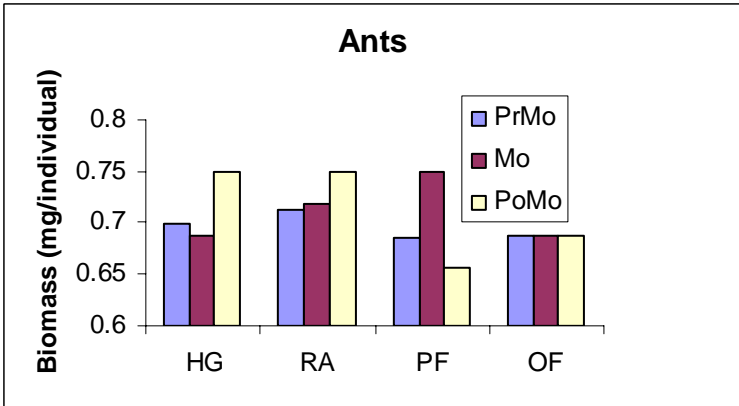
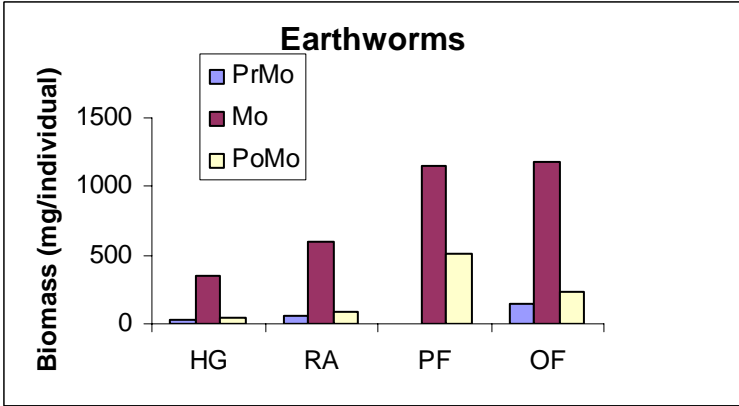


Eigenvalues

	Axis 1	Axis 2	Axis 3	Axis 4	Axis 5
Eigenvalues	4.624	2.596	2.118	1.408	1.147
Percentage	25.688	14.422	11.767	7.823	6.371
Cum.					
Percentage	25.688	40.11	51.877	59.7	66.071

ALL SEASON BIOMASS DATA





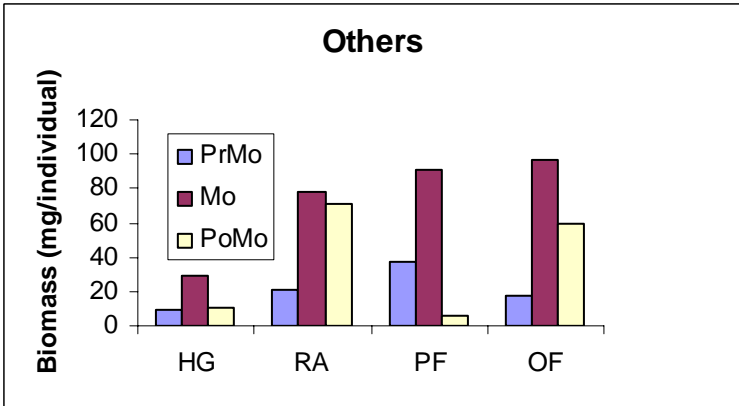
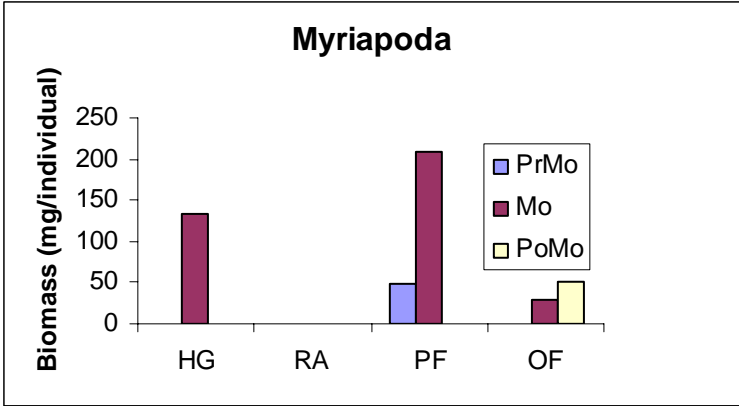


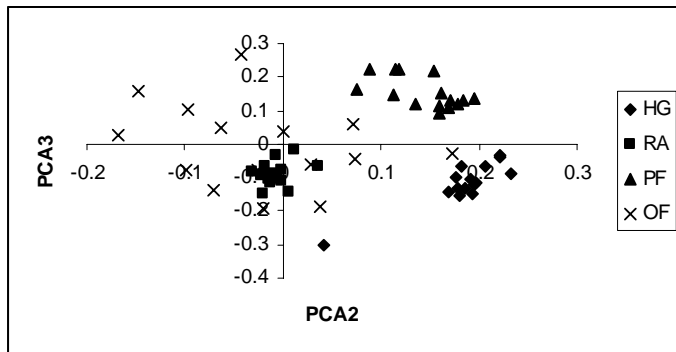
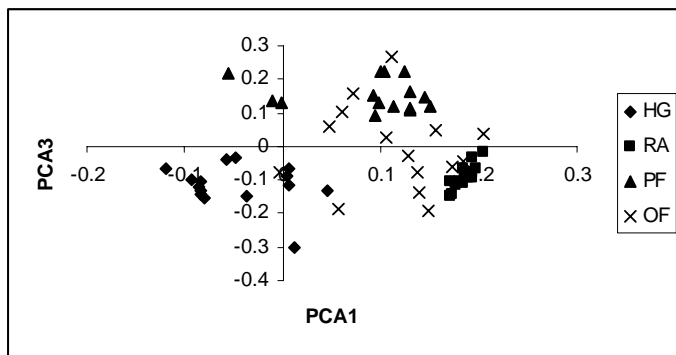
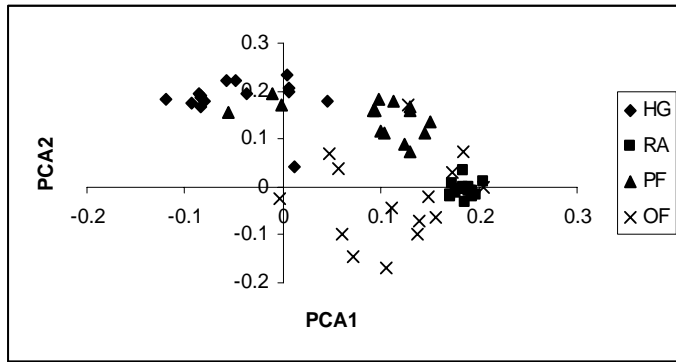
Table . Coefficient of variation of density of different soil fauna groups in different land use types

Land use	Earthworms			Ants			Termites			Grubs			Myriapods			Others		
	Pr-Mo	Mo	Po-Mo	Pr-Mo	Mo	Po-Mo	Pr-Mo	Mo	Po-Mo	Pr-Mo	Mo	Po-Mo	Pr-Mo	Mo	Po-Mo	Pr-Mo	Mo	Po-Mo
Homegaden	18	15	16	11	36	130	28	37	196	87	74	47	207	72	244	27	75	104
Rainfed agriculture	66	30	42	31	31	50	59	38	36	118	41	264	370	387	387	24	34	68
Pine forest	146	73	92	27	35	51	53	27	64	80	47	35	70	97	264	64	31	54
Oak forest	179	37	79	37	37	73	67	63	70	66	42	110	207	143	70	27	56	88

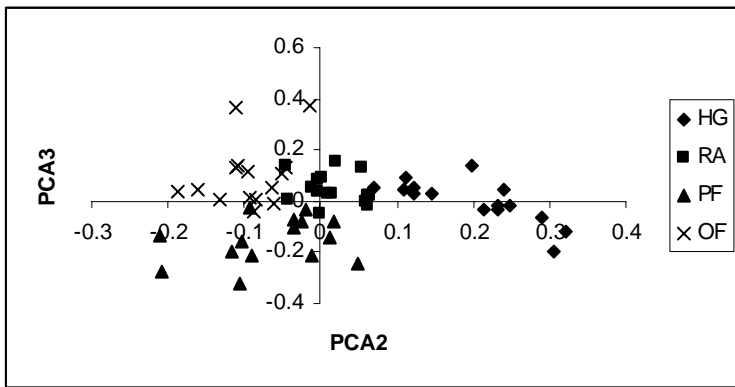
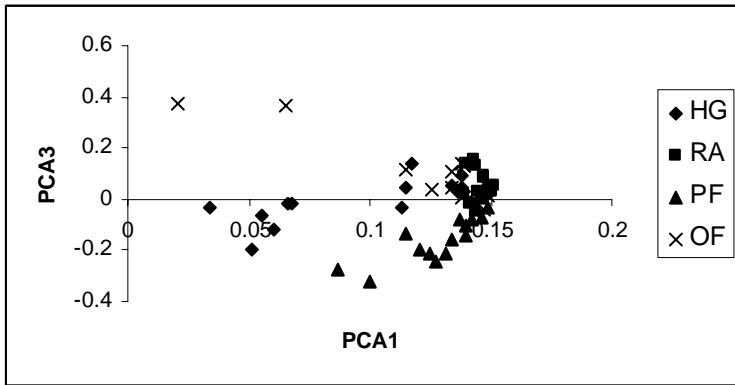
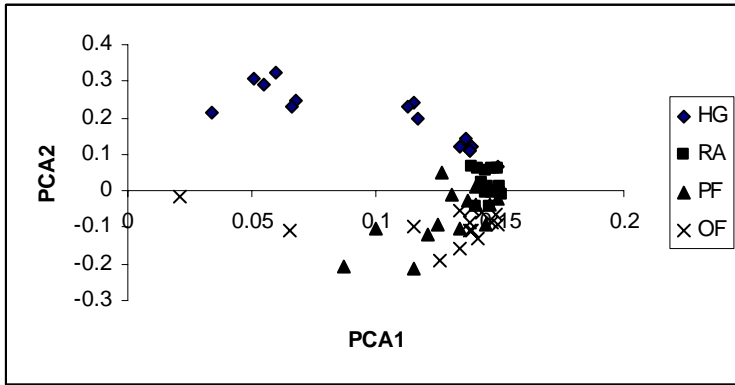
Table . Indices of diversity, evenness and richness of soil fauna (order level) in pre monsoon (prm), monsoon (mon) and post monsoon (pom) seasons. The values of SD are given below the mean values

	Diversity Index			Evenness index			Richness index		
	Prm	Mon	Pom	Prm	Mon	Pom	Prm	Mon	Pom
Homegarden	<b>1.22a</b>	<b>1.44a</b>	<b>1.26a</b>	<b>0.77b</b>	<b>0.87a</b>	<b>0.84a</b>	<b>4.93a</b>	<b>5.27b</b>	<b>4.60a</b>
	0.05	0.14	0.27	0.07	0.05	0.09	0.59	0.59	1.24
Rainfed agriculture	<b>1.03b</b>	<b>1.45a</b>	<b>1.14b</b>	<b>0.72b</b>	<b>0.89a</b>	<b>0.83a</b>	<b>4.27b</b>	<b>5.07c</b>	<b>4.00b</b>
	0.19	0.07	0.16	0.12	0.05	0.08	0.80	0.26	0.53
Pine forests	<b>1.02b</b>	<b>1.34b</b>	<b>1.29a</b>	<b>0.64c</b>	<b>0.80b</b>	<b>0.85a</b>	<b>4.93a</b>	<b>5.40a</b>	<b>4.60a</b>
	0.22	0.09	0.19	0.11	0.06	0.11	0.88	0.63	0.51
Oak forest	<b>1.19a</b>	<b>1.50a</b>	<b>1.26a</b>	<b>0.85a</b>	<b>0.89a</b>	<b>0.84a</b>	<b>4.20b</b>	<b>5.40a</b>	<b>4.60a</b>
	0.23	0.11	0.27	0.07	0.07	0.09	0.94	0.63	1.24
LSD (P = 0.05)	<b>0.14</b>	<b>0.06</b>	<b>0.09</b>	<b>0.072</b>	<b>0.05</b>	<b>0.06</b>	<b>0.617</b>	<b>0.14</b>	<b>0.18</b>

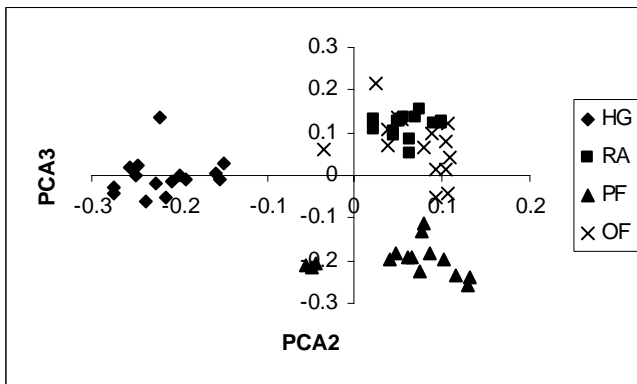
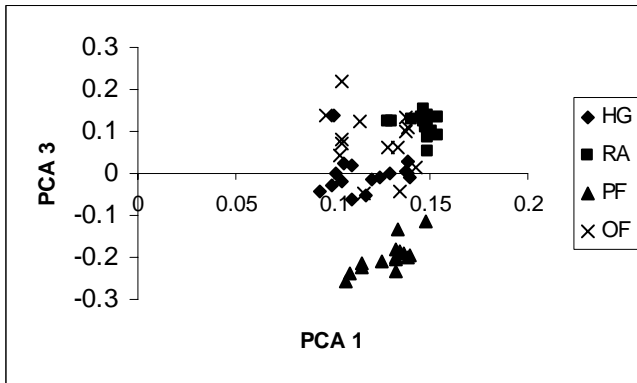
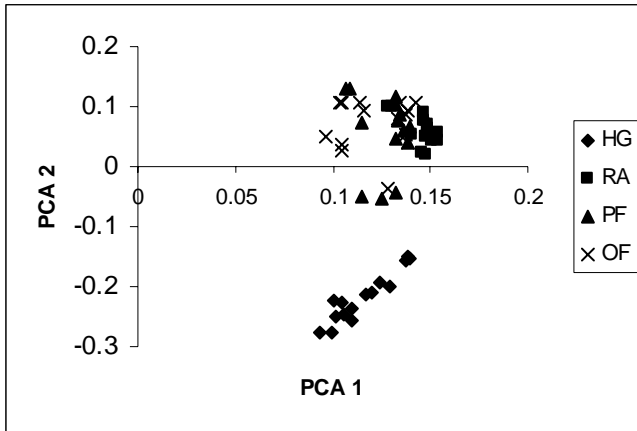
PCA –post monsoon



PCA-monsoon

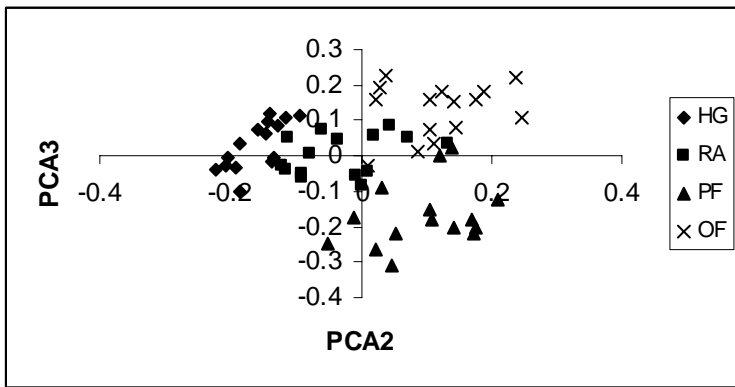
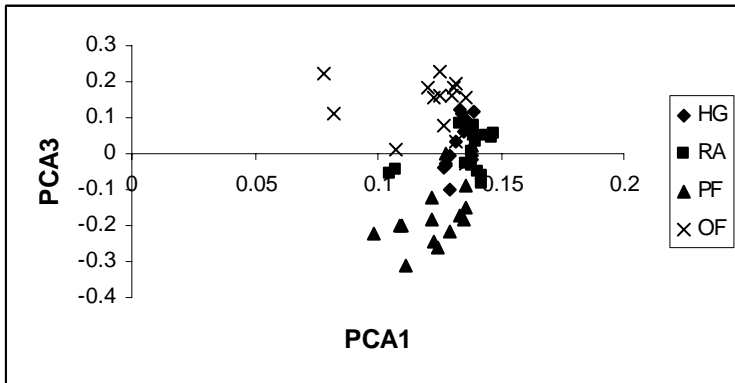
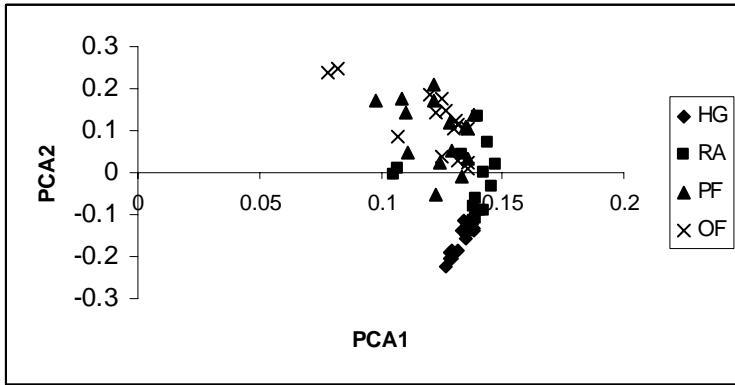


All seasons together





Pre-monsoon



Pre-monsoon -PCA

	Axis 1	Axis 2	Axis 3	Axis 4	Axis 5
Eigenvalues	46.094	5.648	3.81	3.125	1.262
Percentage	76.823	9.413	6.351	5.209	2.103
Cum.					
Percentage	76.823	86.235	92.586	97.795	99.898

	Axis 1	Axis 2	Axis 3	Axis 4	Axis 5
Eigenvalues	43.298	7.329	4.678	3.273	1.368
Percentage	72.164	12.214	7.796	5.455	2.28
Cum.					
Percentage	72.164	84.378	92.174	97.629	99.91

	Axis 1	Axis 2	Axis 3	Axis 4	Axis 5
Eigenvalues	23.707	17.104	10.002	5.353	3.81
Percentage	39.512	28.507	16.67	8.921	6.349
Cum.					
Percentage	39.512	68.019	84.688	93.609	99.959

	Axis 1	Axis 2	Axis 3	Axis 4	Axis 5	Axis 6
Eigenvalues	36.4	7.697	4.969	2.451	1.729	1.324
Percentage	60.667	12.828	8.282	4.085	2.882	2.206
Cum.						
Percentage	60.667	73.495	81.777	85.861	88.744	90.95