

L I S T O F T A B L E S

Sr. No.	Table No.	Title	Page No.
1.	3.1	Climatic data (Monthly rainfall and monthly mean maximum and minimum temperatures and relative humidity for the years 1978 and 1979).	17
2.	3.2	Microclimatic data (Temperature and relative humidity)	22
3.	3.3	Soil analysis data	26
4.	3.4	Associates of <u>A. ramosum</u> in various study sites...	28
5.	3.5	Associates of <u>E. geniculata</u> in various study sites	31
6.	3.6	Associates of <u>R. humilis</u> in various study sites...	34
7.	4.1	Distribution of <u>A. ramosum</u>	37
8.	5.0	Imbibition rate of seeds of <u>A. ramosum</u>	49
9.	5.1	Effect of mechanical scarification on germination of seeds of <u>A. ramosum</u>	54
10.	5.2A	Effect of chemical scarification (Con. H_2SO_4 treatment) on germination of seeds of <u>A. ramosum</u> ..	57
11.	5.2B.	Effect of chemical scarification (Con. H_2SO_4 treatment) on germination of seeds of <u>A. ramosum</u> ...	58
12.	5.2C.	Effect of chemical scarification on germination of seeds of <u>A. ramosum</u>	61
13.	5.3	Effect of pretreatment with some organic solvents on germination of seeds of <u>A. ramosum</u>	63
14.	5.4	Effect of high temperature treatment on germination of seeds of <u>A. ramosum</u>	65
15.	5.5	Effect of dry and wet heating on germination of seeds of <u>A. ramosum</u>	68

Sr. No.	Table No.	Title	Page No.
16.	5.6	Effect of burial on germination of seeds of <u>A. ramosum</u>	70
17.	5.7	Effect of type of soil on germination of seeds of <u>A. ramosum</u>	73
18.	5.8	Effect of depth of sowing on germination of seeds of <u>A. ramosum</u>	75
19.	5.9	Effect of soil moisture content on germination of seeds of <u>A. ramosum</u>	77
20.	5.10	Effect of temperature on germination of seeds of <u>A. ramosum</u>	80
21.	5.11	Effect of light on germination of seeds of <u>A. ramosum</u>	82
22.	5.12	Effect of colour of light on germination of seeds of <u>A. ramosum</u>	84
23.	5.13	Effect of inorganic salts on germination of seeds of <u>A. ramosum</u> - I.	87
24.	5.14	Effect of inorganic salts on germination of seeds of <u>A. ramosum</u> - II.	89
25.	5.15	Effect of nitrates on germination of seeds of <u>A. ramosum</u> in darkness.	95
26.	5.16	Effect of thiourea on germination of seeds of <u>A. ramosum</u>	99
27.	5.17	Effect of GA ₃ on germination of seeds of <u>A. ramosum</u>	101
28.	5.18	Effect of kinetin on germination of seeds of <u>A. ramosum</u>	104
29.	5.19	Effect of 2,4-D on germination of seeds of <u>A. ramosum</u>	107
30.	6.1	Effect of light intensity on growth performance of <u>A. ramosum</u>	115

Sr. No.	Table No.	Title	Page No.
31.	6.2	Effect of soil moisture regime on growth performance of <u>A. ramosum</u>	123
32.	6.3	Effect of organic matter content in soil on growth performance of <u>A. ramosum</u>	131
33.	6.4	Effect of intraspecific competition on growth performance of <u>A. ramosum</u>	137
34.	6.5	Effect of interspecific competition on growth performance of <u>A. ramosum</u>	141
35.	7.1	Distribution of <u>E. geniculata</u>	144
36.	8.1	Dispersal of seeds of <u>E. geniculata</u>	157
37.	8.2	Effect of type of soil on germination of seeds of <u>E. geniculata</u>	162
38.	8.3	Effect of depth of sowing on germination of seeds of <u>E. geniculata</u>	164
39.	8.4	Effect of soil moisture content on germination of seeds of <u>E. geniculata</u>	166
40.	8.5	Effect of temperature on germination of seeds of <u>E. geniculata</u>	168
41.	8.6	Effect of light on germination of seeds of <u>E. geniculata</u>	170
42.	8.7	Effect of colour of light on germination of seeds of <u>E. geniculata</u>	173
43.	8.8	Effect of inorganic salts on germination of seeds of <u>E. geniculata</u> - I.	175
44.	8.9.	Effect of inorganic salts on germination of seeds of <u>E. geniculata</u> - II.... ..	177
45.	8.10	Effect of nitrates on germination of seeds of <u>E. geniculata</u> in darkness.	181

Sr. No.	Table No.	Title	Page No.
46.	8.11	Effect of thiourea on germination of seeds of <u>E. geniculata</u>	185
47.	8.12	Effect of GA ₃ on germination of seeds of <u>E. geniculata</u>	187
48.	8.13	Effect of kinetin on germination of seeds of <u>E. geniculata</u>	189
49.	8.14	Effect of 2,4-D on germination of seeds of <u>E. geniculata</u>	191
50.	9.1	Effect of light intensity on growth performance of <u>E. geniculata</u>	196
51.	9.2.	Effect of soil moisture regime on growth performance of <u>E. geniculata</u>	201
52.	9.3	Effect of organic matter content in soil on growth performance of <u>E. geniculata</u>	206
53.	9.4	Effect of intraspecific competition on growth performance of <u>E. geniculata</u>	211
54.	9.5	Effect of interspecific competition on growth performance of <u>E. geniculata</u>	215
55.	10.1	Distribution of <u>R. humilis</u> ...	218
56.	11.1	Effect of type of soil on germination of seeds of <u>R. humilis</u>	232
57.	11.2	Effect of depth of sowing on germination of seeds of <u>R. humilis</u>	234
58.	11.3	Effect of soil moisture content on germination of seeds of <u>R. humilis</u>	237
59.	11.4	Effect of temperature on germination of seeds of <u>R. humilis</u>	239
60.	11.5	Effect of light on germination of seeds of <u>R. humilis</u>	241

Sr. No.	Table No.	Title	Page No.
61.	11.6	Effect of colour of light on germination of seeds of <u>R. humilis</u>	244
62.	11.7	Effect of inorganic salts on germination of seeds of <u>R. humilis</u> - I.	247
63.	11.8	Effect of inorganic salts on germination of seeds of <u>R. humilis</u> - II.	249
64.	11.9	Effect of nitrates on germination of seeds of <u>R. humilis</u> in darkness.	252
65.	11.10	Effect of thiourea on germination of seeds of <u>R. humilis</u>	256
66.	11.11	Effect of GA ₃ on germination of seeds of <u>R. humilis</u>	258
67.	11.12	Effect of kinetin on germination of seeds of <u>R. humilis</u>	260
68.	11.13	Effect of 2,4-D on germination of seeds of <u>R. humilis</u>	262
69.	12.1	Effect of light intensity on growth performance of <u>R. humilis</u>	277
70.	12.2	Effect of soil moisture regime on growth performance of <u>R. humilis</u>	281
71.	12.3	Effect of organic matter content in soil on growth performance of <u>R. humilis</u>	286
72.	12.4	Effect of intraspecific competition on growth performance of <u>R. humilis</u>	291
73.	12.5	Effect of interspecific competition on growth performance of <u>R. humilis</u>	295
