

CONTENTS

Summary	i - vi
Introduction	1 - 6
Review of Literature	7 - 30
Material and Methods	31 - 44
Experiments and Results	
Experiments 1:	45 - 96
To prepare an inventory of the available phanerogams in the state of Himachal Pradesh.	
Experiments 2:	97 - 166
Ecological distribution and diversity of plants (angiosperms and gymnosperms) in different districts of Himachal Pradesh.	
Experiments 3:	167 - 182
Evaluation of ecological distribution of three major invasive exotic species in each of the 12 districts in Himachal Pradesh with respect to altitude.	
Experiments 4:	183 - 194
To compare the distribution of three major invasive exotic species under different tree plantations in Himachal Pradesh.	
Experiments 5:	195 - 206
To study the growth characteristics and life cycles of three major invasive plant species in Himachal Pradesh.	
Experiments 6:	207 - 234
To evaluate the impact of <i>Ageratum conyzoides</i> L. - an invasive species, on the vegetation in lower hills of Himachal Pradesh.	
Experiments 7:	235 - 262
To evaluate the impact of <i>Parthenium hysterophorus</i> L. - an invasive species on the vegetation in lower hills of Himachal Pradesh.	
Experiments 8:	263 - 292
To evaluate the impact of <i>Lantana camara</i> L. - an invasive species, on the vegetation in lower hills of Himachal Pradesh.	
Experiments 9:	293 - 302
To compare the diversity and composition of the vegetation under plantations of exotic tree <i>Eucalyptus citriodora</i> Hook. with those of <i>Pinus roxburghii</i> Sarg. in Himachal Pradesh.	
Experiments 10:	303 - 314
To study the effect of residues of three major invasive weeds (<i>Ageratum conyzoides</i> , <i>Parthenium hysterophorus</i> , <i>Lantana camara</i>) on some plant species.	
Experiments 11:	315 - 320
To study the physico-chemical properties of soils in the <i>Ageratum conyzoides</i> , <i>Parthenium hysterophorus</i> and <i>Lantana camara</i> invaded areas.	
General Discussion	321 - 332
Conclusions	333 - 336
Future Prospects	337 - 338
References	339 - 370