

## LIST OF TABLES

		Page Number
Table	1.1 Geographical and Administrative setup of Darjeeling and Jalpaiguri district.	7
Table	1.2 Geological succession of the study area	10
Table	1.3 Drainage basin and sub-basin in the study area.	13
Table	1.4. Soil taxonomy in the study area.	18
Table	1.5 Decadal population growth.	19
Table	1.6 Demographic pattern in the study area.	20
Table	1.7 Population of forest village.	22
Table	1.8. Major land use pattern in the districts.	23
Table	2.1 a. Distribution of forest in Darjeeling and Jalpaiguri district.	29
Table	2.1 b. Comparative study of forest area.	29
Table	2.2 Distribution of forest according to geographical region.	30
Table	2.3 Legal status of forest in the study area.	31
Table	2.4. Major forest types of the study area.	34
Table	2.5 Some important plant species of the study area.	37
Table	2.6 Miscellaneous species for non-timber forest produce.	38
Table	2.7 Extent of forest degradation of the study area.	40
Table	2.8 Illegal timber collection from different forest ranges.	41
Table	2.9 Forest area affected by fire in Darjeeling Division.	42
Table	2.10. Landslide affected forest area.	43
Table	2.11 Flood affected forest area.	44
Table	2.12. a Growing stock of total timber (as per forest type).	45
Table	2.12. b Total growing stock of timber	46
Table	2.13 Growing stock of some NTFPs.	46
Table	3.1. Year of establishment of saw mills.	52
Table	3.2 Installed capacity of saw mills.	53
Table	3.3 Sources of raw material of saw mills.	54
Table	3.4 Distribution of furniture industry.	56
Table	3.5 Usages of raw material by species.	57
Table	3.6 NTFPs production in the districts.	59
Table	3.7 Composition of forest product of WBFDC in the study area.	59
Table	3.8 Industrial activities of WBFDC in Darjeeling and Jalpaiguri district.	60
Table	3.9 Nature of wood demand (in percentage).	61
Table	3.10 Distribution of demand of different NTFPs (in percentage).	62
Table	4.1 Major market centres.	67
Table	4.2 Sources of wood procurement (respondent percentage).	67
Table	4.3. Distribution of wood traders by status (in percentage).	69

Table	4.4	Role of intermediaries in wood marketing (in percentage).	69
Table	4.5	Price vis-a-vis species 2000-2001.	70
Table	4.6	Categories of wood species.	71
Table	4.7	Type of buyer (in percentage).	72
Table	5.1.	Some important fauna of the study area.	78
Table	5.2.	Protected areas for Wild Life Management.	79
Table	5.3	Wetland reserve in Jalpaiguri district.	81
Table	5.4.	Number / Population of some large animals.	82
Table	5.5	Comparative growth analysis of some large animals in the study area.	83
Table	5.6	Some important National Parks and Wild Life Sanctuaries in the study area for the promotion of eco-tourism.	86
Table	5.7	Sample survey report on eco-tourism in the study area (in percentage).	89
Table	5.8	Landslide-prone area and the rate of degradation of forest.	92
Table	5.9	Afforestation in landslide affected areas (1998).	93
Table	5.10	Flood affected area of Jalpaiguri and the rate of degradation of forest.	95
Table	5.11	Avalibility of water in different river basin of Darjeeling & Jalpaiguri district	96
Table	5.12	Rating table for the parametric values of CP factor.	98
Table	6.1	Potential value of timber, fuelwood and poles in the study area .	104
Table	6.2	Potential area for the social forestry expansion.	108
Table	6.3	Employment potential of social forestry in Jalpaiguri district.	109
Table	6.4	Potential estimation of some important NTFPs in the study area.	110
Table	6.5	Employment potential of forest of the study area.	111
Table	6.6	Present pattern of employment in some wood based industries	112
Table	6.7	Potential of Wild Life.	113
Table	7.1	Species composition in farm forestry.	120
Table	7.2	Achievement of farm forestry in Darjeeling & Jalpaiguri district	121
Table	7.3	Appraisal of social forestry in the study area.	123
Table	7.4	FPCs in Darjeeling and Jalpaiguri district.	125
Table	7.5	Members from local administration in FPC (in percentage).	126
Table	7.6	FPC members by primary occupation (in percentage).	126
Table	7.7	Right enjoyed by FPC members (in percentage).	127
Table	7.8	Distribution of FPC by their suggestion (in percentage).	128
Table	7.9	Division-wise inter-crop.	130
Table	8.1	Species for strip plantation.	140