

### List of Figures

- 1) Koyna dam catchment with settlements.
- 2) Koyna wildlife sanctuary with the settlements studied during investigations.
- 3) Composition of land in East and West Catchment and outside the catchment in 1961 and 1981.
- 4) Number of rainy days recorded at the four sites during 1955-60 and 1981-85 in the Koyna catchment.
- 5) The annual rainfall values recorded at the four sites during 1955-60 and 1981-85 in the Koyna catchment.
- 6) Distribution of cultivated land, shifting, cultivation land and total land holdings per household in the study area.
- 7) Number of animals per household.
- 8) Percentage of households having goats in the study area.
- 9) Source of leaf fodder in the study area.
- 10) Use of different types of lands for grazing in the study area.
- 11) Distance travelled (one way) by the domestic animals for grazing.
- 12) Time required for grazing by the domestic animals per day.
- 13) The quantity of water used by the households.
- 14) Distance covered (one way) for fetching daily water.
- 15) Annual income from agriculture per household.
- 16) Income from sources other than agriculture per households.
- 17) Total annual income from all sources.
- 18) Total annual income from labour per household (Rs/year)
- 19) Choice of compensation by local inhabitants.