# LIST OF TABLES

1. Measurement of Malabar Trogon .................................................................................. 5
2. Rainfall, number of rainy days and monthly mean temperature recorded from the study area during 1998 .......................................................... 13
3. Tree densities calculated from 44 point centered quadrates in the study area during the study ........................................................................................................ 21
4. Vegetation parameters recorded from the selected transects ........................................ 21
5. AreaX height class cross tabulation ............................................................................. 22
7. Monthly abundance of insects, new leaves, and flowers during 1997-'98 .................. 24
8. Results of correlation between new leaf abundance, flower abundance, insect abundance, rain and months ................................................................................. 26
9. Classification of foraging sites and occurrence of maneuvers of Malabar Trogon in different substrata ......................................................... 35
10. Showing the number of occurrence of different foraging maneuvers of Malabar Trogon in different substratum ................................................................. 36
11. Various behaviour responses of Malabar Trogon observed during the study period... 64
12. Tree species preferred by Malabar Trogon for nesting during the study ..................... 73
13. Number of Juvenile and their sex of Malabar trogon recorded from different nests during the study ......................................................................................... 74
14. Breeding record of Malabar Trogon in different areas during the study period .......... 78
15. Seasonal abundance of Malabar Trogon in different transects during the study period .............................................................................................................. 84
16. Record of presence or absence of Malabar Trogon in Idamala-Pooyamkutty valley .... 93
17. Record of the presence or absence of Malabar trogon in the bird sanctuary, Thattakad

18. Record of the presence or absence of Malabar Trogon from the different areas where surveys were carried out during the study

LIST OF PLATES

Plate No. 1. Adult Malabar Trogon female and male
Plate No. 2. Bhoothathankettu and Chelamala forests
Plate No. 3. Behavioural responses of Malabar Trogon
Plate No. 4. Nest of Malabar Trogon and the male trogon feeding the young one
Plate No. 5. Nestling and young one of Malabar trogon
Plate No. 6. Young one of Malabar Trogon
Plate No. 7. Ringed young one of Malabar Trogon