

LIST OF ILLUSTRATIONS

(Vol. I)

- Plate 1. Map of Ratan Mahal and surrounding hills.
2. Map of Ratan Mahal and surrounding hills showing Distribution and Associations of Important Tree Species.
 3. Graph showing variation in the frequency of Tectona grandis Linn. with relation to the altitude.
 4. Ratan Mal 'Plateau', showing stunted tree species.
 5. Large strands of Carvia callosa Brem. growing as an undergrowth of mixed dry deciduous forest.
 6. Mandva Hill (Ratan Mahal) showing characteristic vegetation during dry months. A mixed dry deciduous forest.
 7. Vegetation on rocky escarpments near Patan Mata.
 8. On hilly slopes, in ravines and near streams. Dense growth of Bambusa arundinacea Willd. often associated with Tectona grandis Linn.
 9. Vegetation along the banks of Panam river.
 10. Leonotis nepataefolia(Linn.) R.Br., in dense clumps is a common sight along the banks of Panam river.
 11. Polycarpon tetraphyllum Linn.
 12. Azanza lampas (Cav.) Alef. Abnormal flower bud showing fasciation of two pedicels and other floral parts.
 13. Bombax ceiba Linn. A deciduous tree, heavily parasitized by Dendrophthoe falcata (Linn.) Ettings.

Plate 14. Biophytum sensitivum (Linn.) DC.

15. Crotalaria mysorensis Roth.
16. Desmodium neomexicanum A. Gray.
17. Millettia auriculata Baker.
18. Sonerila tenera Royle.
19. Lobelia heyneana Roem. & Schult.
20. Ceropegia bulbosa Roxb.
21. Ceropegia bulbosa Roxb. Var. lushii.
22. Cynoctonum mitreola (Linn.) Britton.
23. Enicostema verticillatum (Linn.) Engler.
24. Canscora decussata Roem. & Sch.
25. Nymphoides indicum (Linn.) O. Kuntze.
26. Operculina petaloides (Choisy) Van. Oost.
(older branches)
27. Operculina petaloidea (Choisy) Van Oost.
(young branches arising from old root stock).
28. Buchnera hispida Buch.-Ham.
29. Aeginetia indica Linn. A total parasite on
the roots of Dioscorea wallichii Hook. f.
30. Orobanche cernua Loeffl. Var. nepalensis DC.
showing bifurcated spike.
31. Didymocarpus pygmaea Clarke.
32. Hygrophila auriculata (Schum.) Meise
33. Acrocephalus indicus (Burm.) O. Kuntze