P R E F A C E

The metabolic processes of submammalian veri very complex and reproduction is one of them. In especially the reproductive processes are very com oviparity, ovoviviparity and viviparity. The mal tract plays a major role in reproduction; and the r -saccharides (complexes of carbohydrates and prote basic metabolites involved in animal metabolism. these metabolites and their distribution in the re tract during different breeding seasons may help ir standing of reproductive processes. The work incl present dissertation concerns with the mucopolysac their distribution in the testis, epididymis and during seasonal breeding activities of Hemidactyl

The present research project is divided int The first chapter provides a brief review of the li reptilian testis, epididymis vasa deference and cl mucopolysaccharides used in histochemistry.

Chapter II deals with the brief survey of t methods used for the demonstration of mucopolysacc material used for the study. Chapter III covers t observations on testes. Chapter IV describes the c on mucopolysaccharides from epididymis and vasa de Chapter V gives brief concluding remarks, and the with the bibiliography cited invarious chapters.