CONTENTS

SECTION A - THE BACKGROUND

Preface 1
Review of Literature 7
Materials and Methods 15

SECTION B - PATTERN OF DISTRIBUTION AND POPULATION DYNAMICS

CHAPTER I Distribution of Reduviidae of Southern India 17
1.1 Spatial Distribution
1.2 Niche Selection
1.3 Species abundance
1.4 Ecosystemwise Distribution
1.5 Vertical Distribution
1.6 Population Dynamics

SECTION C - TAXONOMY

CHAPTER II Subfamily : Acanthaspidae 37
CHAPTER III Subfamily : Ectrichodiinae 96
CHAPTER IV Subfamily : Salyavatinae 143
CHAPTER V Subfamily : Piratinae 156
CHAPTER VI Subfamily : Triatominae 190
SECTION D - ECOPHYSIOLOGY

CHAPTER VII Assessment of Rostral and Stylet Variations 199
VII: i Rostrum
VII: ii Stylets
VII: IIa Mandibular Stylets
VII: IIb Maxillary Stylets

CHAPTER VIII Assessment of Tibiarolial Variations 226

CHAPTER IX Assessment of Male Genitalia Variations 232
IX: i Paramere
IX: ii Pygophore Spine
IX: iii The Intromittent Organ
IX: iii a Basal Plate
IX: iii b Phallosoma

SECTION E - EVOLUTIONARY APPROACH

CHAPTER X Evolutionary Trend Among Tibiaroliate 271
Reduviidae of Southern India

SUMMARY 280

ACKNOWLEDGEMENTS

REFERENCES