
CONTENTS

PREFACE	i
CHAPTER I. INTRODUCTION	1
1.1 Status of Pteridophytes in Indian flora	1
1.2 A synoptic account of works done in India on Taxonomy and Systematics of Pteridophytes	1
1.3 Early History of Botanical collections in Assam	3
CHAPTER II. ASSAM - THE AREA OF PRESENT STUDY	6
2.1 Location and Area	6
2.2 Physiography	6
2.2.1 Topography	6
2.2.2 Drainage	6
2.3 Geology and Minerals.....	7
2.4 Soils.....	8
2.5 Climate.....	9
CHAPTER III. PRESENT STUDY	11
3.1 Choice of the Present Study	11
3.2 Field and Herbarium Methods	11
3.3 Account on Vegetation of Assam	12
3.3.1 General Vegetation	12
3.3.2 Pteridophytic Vegetation	16
3.3.3 The Present Account	21
CHAPTER IV. FERNS OF ASSAM.....	22
4.1 Key to Families.....	22
4.2 Enumeration of Species.....	25
CHAPTER V. DISCUSSION AND CONCLUSION.....	165
CHAPTER VI. SUMMARY.....	171
REFERENCES	174
Appendix : Publication	186
ILLUSTRATIONS OF FERNS OF ASSAM	