

## C O N T E N T S

CHAPTER	TITLE	PAGE
I	GENERAL INTRODUCTION	1
II	REVIEW OF LITERATURE	4
III	MATERIALS AND METHODS	
	Area of coverage	7
	Incidence and collection	7
	Preservation and storage	9
	Special methods of extraction and isolation of spores from soil :	
	a) Soil sampling	10
	b) Wet-sieving and decanting	11
	Temporary preparations	12
	Permanent preparations	12
	Microscopy and Drawings	13
	Photomicrography	14
	Identifications	14
	Description	15
	Herbarium deposits	15
IV	THE ENDOGONACEAE	
	Introduction	17
	Importance of Endogonaceae	18
	Work in India	20
	Features of Endogonaceae	21
	Systematic position	22
	Data of the species of various genera	24
	Key to the genera	25
	Terminology	28

contd... 2.

CONTENTS (contd... 2)

CHAPTER	TITLE	PAGE
Descriptive :		
	Genus - I. <u>Acaulospora</u>	31
	II. <u>Enterophospora</u>	42
	III. <u>Gigaspora</u>	48
	IV. <u>Glomus</u>	62
	V. <u>Modicella</u>	90
	VI. <u>Sclerocystis</u>	97
V	GENUS - <u>SYNCHYTRIUM</u>	104
VI	GENUS - <u>CHLOROCHYTRIUM</u>	113
VII	CONCLUSION	122
	REFERENCES	124

\*\*\*\*\*