

# CONTENTS

PREFACE	5
I INDUSTRIAL AND ECONOMIC SIGNIFICANCE OF MICROSCOPIC FUNGI	9
II CHARACTERISTICS AND GENERAL TAXONOMY OF FUNGI	13
III LABORATORY METHODS USED IN THE IDENTIFICATION OF MOULDS AND FILAMENTOUS FUNGI	18
1 Isolation methods	18
2 Cultivation methods	19
A Cultivation	19
B Cultivation media	20
C Preparation of the media, sterilization, disinfection and inoculation	24
D Conservation of cultures	25
3 Preparation methods	26
A Single spore isolations	26
B Slide cultures	27
C Preparations	29
IV SPECIAL PART	33
1 Mucorales	33
A General characteristics and key to identification of selected genera	33
B Descriptions of genera and species	36
2 Fungi imperfecti (Deuteromycetes)	61
3 Moniliales	62
A General characteristics and classification	62
B Methods of identification	65
C Descriptions of genera and species, and identification keys	67
Family Moniliaceae	67
Family Dematiaceae	164
Family Stilbaceae	197
Family Tuberculariaceae	199
4 Mycelia sterilia	215
PLATES	219
SUBJECT INDEX	228