

Contents

Part 1	INTRODUCTION	1
Chapter 1	Kingdom Myceteae: Introduction to the fungi and outline of the major taxa.	3
Part 2	DIVISION GYMNOAMYCOTA	45
Chapter 2	SUBDIVISION ACASIOMYCOTINA	47
	Class Acasiomycetes	47
Chapter 3	SUBDIVISION PLASMODIOMYCOTINA	57
	Class Protosteliomycetes	57
Chapter 4	✓ Class Myxomycetes	61
Part 3	DIVISION MASTIGOMYCOTA	99
Chapter 5	SUBDIVISION HAPLOMASTIGOMYCOTINA	101
	✓ Class Chytridiomycetes	101
Chapter 6	Class Hyphochytridiomycetes	135
Chapter 7	Class Plasmodiophoromycetes	138
Chapter 8	SUBDIVISION DIPLOMASTIGOMYCOTINA	145
	✓ Class Oomycetes	145
Part 4	DIVISION AMASTIGOMYCOTA	189
Chapter 9	SUBDIVISION ZYGOMYCOTINA	191
	✓ Class Zygomycetes	191
Chapter 10	Class Trichomycetes	229
Chapter 11	SUBDIVISION ASCOMYCOTINA	235
	Class Ascomycetes	235
Chapter 12	Subclass Hemiascomycetidae	259
Chapter 13	Subclass Plectomycetidae	282
Chapter 14	Subclass Hymenoascomycetidae I	308
	Pyrenomycetes I	308
	The Phylactinia type centrum	308

Chapter 15	Subclass Hymenoascomycetidae II	322
	Pyrenomyces II	322
	The <i>Xylaria</i> type centrum	322
Chapter 16	Subclass Hymenoascomycetidae III	349
	Pyrenomyces III	349
	The <i>Diaporthe</i> and <i>Nectria</i> type centra	349
Chapter 17	Discomycetes	359
Chapter 18	Subclass Laboulbeniomycetidae	388
Chapter 19	Subclass Loculoascomycetidae	393
Chapter 20	SUBDIVISION BASIDIOMYCOTINA	414
	Class Basidiomycetes	414
Chapter 21 ✓	Subclass Holobasidiomycetidae I	429
	Hymenomyces I	429
	Order Aphyllophorales	429
Chapter 22	Subclass Holobasidiomycetidae II	446
	Hymenomyces II	446
	Order Agaricales	446
Chapter 23	Subclass Holobasidiomycetidae III	470
	Hymenomyces III	470
	Orders Exobasidiales, Dacrymycetales, Tulasnellales, Brachybasidiales	470
Chapter 24	Subclass Holobasidiomycetidae IV	477
	Gasteromycetes	477
Chapter 25	Subclass Phragmobasidiomycetidae	491
Chapter 26	Subclass Teliomycetidae	499
Chapter 27	SUBDIVISION DEUTEROMYCOTINA	534
	✓ Form-Class Deuteromycetes	534
	Form-Subclass Blastomycetidae	554
	Form-Subclass Coelomycetidae	557
	Form-Subclass Hyphomycetidae	561
Part 5	THE LICHENS	573
Chapter 28	Lichenes	575
Glossary		589
Author Index		603
Subject Index		611