

Contents

Using this book	4
Foreword	5
Introduction to the order <i>Russulales</i>	6
Common mycorrhizal hosts and their species associates	8
Morphology of the genus <i>Russula</i>	12
Spores, spore-prints and assessing spore colour, ornamentation	14–17
Cap cuticle structure in <i>Russula</i>	18–20
Useful stains for microscopy and other reagents	21
Alphabetical list of species we currently accept as British with their spore colours	22
Chart 1. British <i>Russula</i> species arranged by taste and cap cuticle structure	23
Chart 2. British species arranged by spore colours and taste	24–25
Chart 3. <i>Russula</i> subgenera and sections including any special features	26–27
Simplified synoptic keys to species	28–45
Example of a <i>Russula</i> recording sheet	46
Key to <i>Russula</i> subgenera	47
Subgenera <i>Compactae</i> , <i>Brevipes</i> , <i>Archaea</i> & <i>Crassotunicatae</i>	48–77
Subgenus <i>Heterophyllidia</i> – keys to sections and subsections	78
Section <i>Ingratae</i>	79
Key to species of subsections <i>Virescentinae</i> , <i>Heterophyllae</i> , <i>Cyanoxanthinae</i> & <i>Griseinae</i>	104
Section <i>Heterophyllae</i> subsection <i>Virescentinae</i>	106
Section <i>Heterophyllae</i> subsection <i>Amoeninae</i>	110
Section <i>Heterophyllae</i> subsection <i>Heterophyllae</i>	118
Section <i>Heterophyllae</i> subsection <i>Cyanoxanthinae</i>	122
Section <i>Heterophyllae</i> subsection <i>Griseinae</i>	126
Chart 4. Subgenus <i>Russula</i> - introduction and suggested subsections	150–151
Key to species of subgenus <i>Russula</i>	152–158
Subgenus <i>Russula</i> species descriptions	159–401
Subsection <i>Russula</i>	160
Subsection <i>Atropurpurinae</i>	184
Subsection <i>Sardoninae</i>	192
Subsection <i>Urentes</i>	226
Subsection <i>Puellarinae</i>	254
Subsection <i>Rhodellinae</i>	256
Subsection unresolved (<i>R. font-queri</i> , <i>R. melzeri</i> , <i>R. pseudoimpolita</i>)	274
Subsection <i>Melliolentinae</i>	278
Subsection <i>Violaceinae</i>	280
Subsection unresolved (<i>R. brunneoviolacea</i>)	288
Subsection <i>Betulinae</i>	290
Subsection <i>Laricinae</i>	294
Subsection <i>Xerampelinae</i>	300
Subsection <i>Decolorantinae</i>	320
Subsection <i>Integrae</i>	334
Subsection <i>Magicae</i>	350
Subsection <i>Lepidinae</i>	352
Subsection <i>Roseinae</i>	356
Subsection <i>Lilaceinae</i>	360
Subsection <i>Amethystinae</i>	366
Subsection <i>Chamaeleontinae</i>	372
Subsection <i>Integroidinae</i>	384
Subsection <i>Olivaceinae</i>	394
Subsection <i>Auratinae</i>	400
Appendix 1 — Uncommon colour forms of known species	402–407
Appendix 2 — Notes on critical species	408–409
Selected bibliography and recommended reading	410–411
Resources	412
Glossary	413
Index	414–415
Photo credits	416