# Fungi of the Wombat Forest and Macedon Ranges

The Fungi Kingdom comprises some of the most extraordinary and important organisms on earth. With their bizarre morphologies, complex life histories and ephemeral fruit-bodies, fungi have intrigued people across the planet and throughout history. The Wombat Forest and Macedon Ranges provide a diversity of habitats for fungal foraying including riparian forest, wet forest, damp forest, grassy woodland, montane grassy woodland, shrubby foothill forest, heathy dry forest, herb-rich foothill forest, valley grassy forest, sedgy riparian woodland as well as stands of various exotic tree species.

The fundi illustrated in this guide were surveyed over the last decade and represent just a selection of the species you may encounter. Hundreds, possibly thousands more fungal species are likely to occur in the region.

## **Identifying Fungi**

Be aware that it is not usually possible to accurately identify fungi from images alone as many species vary greatly in colour and form. Many fungi can be identified using field characteristics – i.e. features of the fruit-body that are visible to the naked eye. The major field characteristics are illustrated in the accompanying diagram. Other species require microscopic examination of structures or DNA sequencing for accurate

The most accurate way to identify fungi to species level is with taxonomic keys, which provide written descriptions of the diagnostic features. A selection of field guides and websites is listed below to assist you further with identifications.

### **Fruit-body Forms**

**Contacts** Wombat Forestcare

The most familiar fungal fruit-bodies are likely to be the 'Agarics' - those fungi that typically have an umbrella-like form and gills beneath the cap, commonly referred to as mushrooms. However, fungi appear in a great variety of other fruit-body forms such as puffballs, clubs, discs, polypores and coral fungi. The species in this guide are arranged alphabetically within such generic groups.

Foraging for edible fungi has become a popular pastime, but be aware that knowledge about edibility of Australian fungi is scant and deadly poisonous species exist in Australia. Many cases of poisonings, including fatalities, are reported each year. In the event of a poisoning or suspected poisoning contact the Poisons Information Centre on 13 11 26.

9252 5374 Fungimap Field Naturalists Club of Victoria 9877 9860 Victorian Poisons Info Centre 13 11 26 Macedon Ranges Shire Council 5422 0333 Hepburn Shire Council 5348 2306

**Websites of Interest** Australian National Botanic Gardens www.anbg.gov.au/fungi CSIRO Fungibank www.fungibank.csiro.au Atlas of Living Australia www.ala.org.au

Interactive Catalogue of Aust. Fungi www.rbg.vic.gov.au/dbpages/cat/index.php/fungicatalogue The Australasian Mycological Society www.australasianmycology.com

Selected Field Guides that include Victorian Fungi (Available from Fungimap) Grey, P. & Grey, E. (2005). Fungi Down Under. Fungimap, Melbourne.

McCann, I.R. (2003). Australian fungi illustrated. Macdown Productions, Vermont. Fuhrer, B. A. (2005). A Field Guide to Australian Fungi. Bloomings Books, Melbourne. Young A. M. (2005). A Field Guide to the Fungi of Australia. New South Wales University Press, Sydney.

Research, photography, text & illustration: Alison Pouliot. Special thanks to the following people for their invaluable advice in validating identifications and assisting in species selection: Pat & Ed Grey, Tom May, Paul George, Virgil & Jurrie Hubregtse, Katie Syme, John Walter, Sapphire McMullan-Fisher & Genevieve Gates. Photographic and field assistance: Valérie Chételat. Layout: Wombat Forestcare Design Team. Thanks to the Leigh Catchment Group for the use of their brochure template.

**Cover image:** The genus *Mycena* contains some of the tiniest and most delicate fungi. They are characterised by white spores and often have a translucent, striate cap.

© Wombat Forestcare Inc.

www.wombatforestcare.org.au

www.austin.org.au/poisons

www.fungimap.org.au

www.mrsc.vic.gov.au

www.hepburn.vic.gov.au

www.fncv.org.au

# **Fungi**

of the Wombat Forest and Macedon Ranges



## **Wombat Forestcare** Community caring for Nature





**Agarics** 















**Agarics** 







**Agarics** 













Inky Cap

Fairy Bonnets

GILL S



Australian White Webcap \*

Cortinarius archeri

Emperor Cortinar \*

GILL M





Elegant Blue Webcap \*

Cortinarius kula

GILL M



Moss Galerina

Entoloma moongum

Dark Pinkgill

GILL S



Hohenbuehelia sp.

GILL S





Sulphur Tuft

GILL S



GILL S

GILL S

Hypholoma fasciculare Leucoagaricus ooliekirrus



Marasmius alveolaris

GILL S

Velvet Parachute \*





Mycena subgalericulata group GILL S





Omphalotus nidiformis Ghost Fungus \*



GILL M

GILL P, S

Funnel Pax GILL S, M













GILL S

GILL S

Hygrocybe miniata group Lentinellus tasmanicus Macrolepiota clelandii



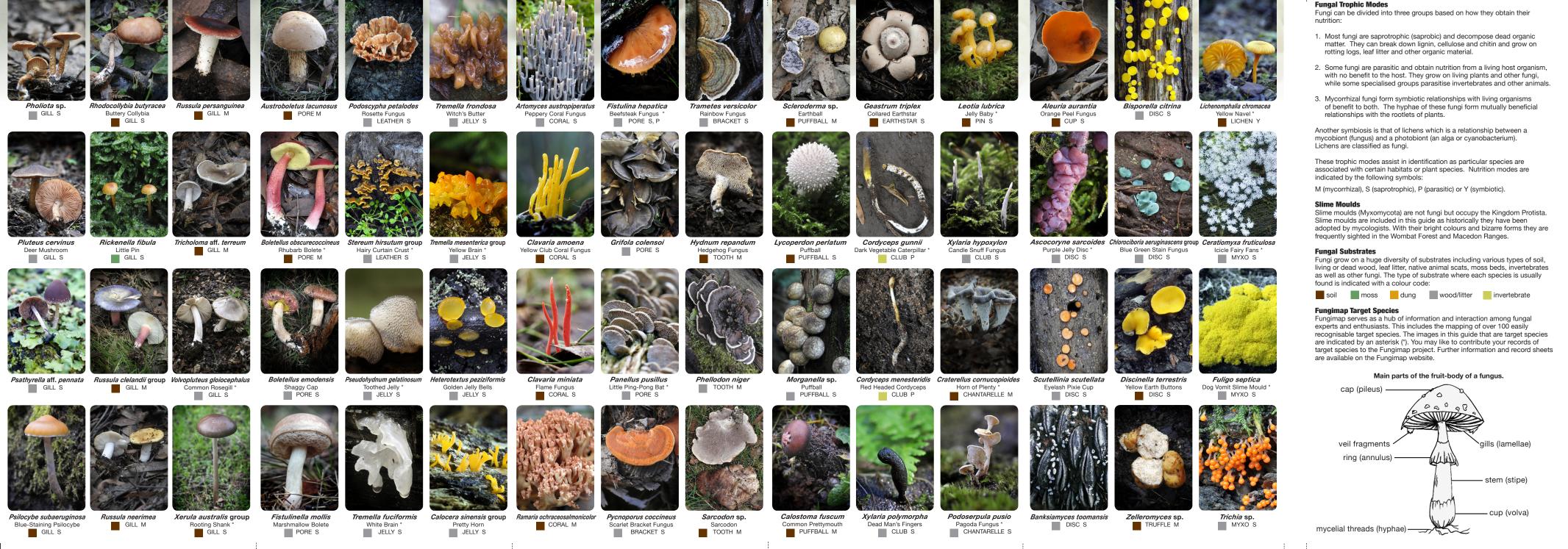


GILL S





GILL S



Corals/Polypores/Tooth Fungi

**Boletes/Leathers/Jellies** 

Agarics

Puffballs/Earthstars/Clubs/Pins/Chantarelles Cups/Discs/Truffles/Lichens/Slime Moulds

**Fungal Trophic Modes**