

IDENTIFYING AGARICS & BOLETES TO GENUS WITH EMPHASIS ON SPORES

Venue: The workshop is to be held at the Royal Geographical Society of Queensland in Brisbane on Saturday 6 October starting at 9.30 am and ending at 14.30.

How to get there: Royal Geographical Society of Queensland is at 237 Milton Road, quite near the XXXX brewery. There is parking at the shopping centre just round the corner in Barona Road and you will be able to unload microscopes at RGSQ in Milton Rd. You can also reach the venue by public transport. Train to Milton station or bus.

Catering: Tea, coffee and biscuits will be provided, please bring your own lunch.

What to bring: Please bring writing materials to make notes, your favourite mushroom book if you have one, and one specimen that you want identified. If you have a microscope it would be good to bring that too.

Objectives of the workshop:

The workshop will provide basic instruction so that you can:

- Understand how fungal names work.
- Recognise spore shapes and colours and use them to help in identification.
- Recognise the main characters used in identifying fungi.
- Use a key to the genera.
- Use a synoptic computer based key.

Structure of the workshop:

The first part of the workshop will be split in to 3 sessions:

1. Instruction on fungal names. 9.30 – 9.40
2. Spore prints and spore colours. 9.40 – 10.00
3. Spores shapes and ornamentation 10.00 – 10.45

Morning Coffee 10.45 – 11.00

The second part of the workshop will concentrate on key field and macroscopic characters:

4. Overall fungal shape 11.00 – 11.10
5. Gill attachment 11.10 – 11.20
6. Stipes and rings 11.20 – 11.30
7. Using a key to the Genera 11.30 – 12.30

Lunch break 12.30 – 13.00

The afternoon will be split in to 2 sessions:

8. Introduction to synoptic keys. 13.00 – 13.20
9. Group work identifying fungi using Funkey and Mycokey 13.20 – 14.20

Clear Up and depart 14.20 – 14.30

Focus of the workshop:

The workshop will focus on gilled fungi (Agaricales) and boletes (Boletales) because there is more literature available about these groups.

Handouts:

‘Identifying Australian Fungi’ a beginners guide.

‘Keys to the Genera of Gilled Fungi’

‘Keys to the Genera of Boletes’ by Roy Halling

Materials available:

The QMS ID Library boxes will be available together with 2 microscopes and 2 laptops with computer keys. There will also be slides, cover slips and chemicals for staining spores.

Cost recovery:

A fee of \$ 6 per participant will be collected to cover hire of the hall, microscope maintenance and provision of handouts.

Pat Leonard

15 August 2012