

**A CHECKLIST OF THE EDINBURGH COLLECTION OF
AUSTRALIAN HYGROPHORACEAE***

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In 1974 and in 1982, Dr Roy Watling of the Royal Botanic Gardens, Edinburgh, visited Australia and made a number of collections of agarics some of which were tentatively identified as species within the Hygrophoraceae. These 41 collections held in Edinburgh have now been re-examined.

A major problem when working with herbarium material suspected to be within the Hygrophoraceae is that definitive microscopic characters are few, so that the quality of the field notes which accompany a collection is extremely important. If the field notes are absent or extremely limited, the decision to assign a herbarium collection to the Hygrophoraceae may rest upon a 'raft of microscopic characters' that are absent from the dried material (as well as some that are present) and sometimes on its physical appearance. This in turn requires considerable experience with similar material known to be within the Hygrophoraceae.

Most of the Watling collections have extremely limited field notes. Frequently there are none relevant to the actual basidiomes and only a brief note describing the habitat. Despite these shortcomings, many have been confidently identified to species level while others have at least been determined as belonging to the Hygrophoraceae. Several collections listed below remain indeterminate.

The Watling collections have proven quite valuable in that they often extend the geographical distributions for well-known species and they indicate the probable seasonal occurrence of the taxon. The checklist contains the species name, collection location, date and Edinburgh herbarium number; author citations are omitted. The taxa are sorted by species and State or Territory.

Queensland

- Hygrocybe cantharellus*, Bribie Is., 3 April 1974, E00061287.
- Hygrocybe cantharellus*, Bribie Is., 3 April 1974, E00061306.
- Hygrocybe cantharellus*, Bribie Is., 3 April 1974, E00061314.
- Hygrocybe graminicolor*, Cooloola Sands, 31 May 1982, E00061297.
- Hygrocybe sp.*, Cooloola Sands, 31 May 1982, E00061296.

New South Wales

- Hygrocybe anomala* var. *anomala*, Mt Wilson (Blue Mtns), 16 April 1974, E00061292.
- Hygrocybe anomala* (var. uncertain), Mt Wilson (Blue Mtns), 16 April 1974, E00061305.
- Hygrocybe cantharellus*, Mt Wilson (Blue Mtns), 16 April 1974, E00061303.
- Hygrocybe* aff. *cantharellus*, Mt Wilson (Blue Mtns), 16 April 1974, E00061301.
- Hygrocybe chromolimonea*, Mt Wilson (Blue Mtns), 16 April 1974, E00061282.
- Hygrocybe* aff. *erythrocala*, Mt Wilson (Blue Mtns), 16 April 1974, E00061288.
- Hygrocybe lilaceolamellata*, Mt Wilson (Blue Mtns), 16 April 1974, E00061291.
- Hygrocybe sp.*, Mt Wilson (Blue Mtns), 16 April 1974, E00061294.

Australian Capital Territory

- Hygrocybe astatogala*, Tidbinbilla Nature Reserve, 27 April 1974, E00061259.
- Hygrocybe astatogala*, Tidbinbilla Nature Reserve, 26 April 1974, E00061273.
- Hygrocybe cantharellus*, Tidbinbilla Nature Reserve, 26 April 1974, E00061298.
- Hygrocybe* aff. *chromolimonea*, Tidbinbilla Nature Reserve, 27 April 1974, E00061310.
- Hygrocybe conica* var. *conica*, Molonglo River, 28 April 1974, E00061271.
- Hygrocybe* aff. *irrigata*, Cotter Dam, 25 April 1974, E00061327.
- Hygrocybe rodwayi*, Tidbinbilla Nature Reserve, 27 April 1974, E00061316.
- Hygrocybe* aff. *sylvaria*, Tidbinbilla Nature Reserve, 27 April 1974, E00061317.
- Hygrocybe virginea* var. *virginea*, Tidbinbilla Nature Reserve, 26 April 1974, E00061276.

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Tasmania

- Hygrocybe anomala* var. *anomala*, Mt Field Nat. Pk, 1 May 1974, E00061290.
Hygrocybe astatogala, Russel Falls, 18 May 1982, E00061261.
Hygrocybe astatogala, Fern Glade - Hobart, 17 May 1982, E00061262.
Hygrocybe chromolimonea, Mt Field Nat. Pk, 1 May 1974, E0001281.
Hygrocybe aff. *erythrocala*, Fern Glade - Hobart, 17 May 1982, E00061307.
Hygrocybe graminicolor, Harz Mtns, 20 May 1982, E00061321.
Hygrocybe graminicolor, Mt Field Nat. Pk, 18 May 1982, E00061322.
Hygrocybe graminicolor, Harz Mtns., 20 May 1982, E00061323.
Hygrocybe graminicolor, Huon River (Harz Mtns), 20 May 1982, E00061324.
Hygrocybe aff. *luteoconica*, Native Trail, 1 May 1974, E00061312.
Hygrocybe pseudograminicolor, Mt Field Nat. Pk, 1 May 1974, E00061320.
Hygrocybe rodwayi, Mt Field Nat. Pk, 18 May 1974, E00061289.
Hygrocybe sp., Mt Field Nat. Pk, 1 May 1974, E00061325.
Hygrocybe sp., Mt Field Nat. Pk, 18 May 1982, E00061302.
Hygrophorus involutus, Mt Field Nat. Pk, 18 May 1982, E00061304.
Hygrophorus involutus, Mt Field Nat. Pk, 18 May 1982, E00061309.

Indeterminate or not belonging to the Hygrophoraceae

- E00061258, 26 April 1974, Tidbinbilla Nature Reserve, ACT.
E00061293, 1 June 1982, Cooloola Sand Dunes, Qld.
E00061318, 31 May 1982, Cooloola Sand Dunes, Qld., *Limacella* aff. *pitereka*.

AUSTRALASIAN MYCOLOGICAL SOCIETY TREASURER'S REPORT FOR THE 1998-1999 FINANCIAL YEAR

Audited accounts

The audited accounts for the 1998-1999 year were enclosed with the July 1999 issue of the *Australasian Mycologist*.

Membership

Membership subscriptions were up about 30 per cent, due largely to Wieland Meyer's 'recruiting drive', which has brought in a significant number of medical mycologists. We now have around 160 members compared with around 110 a year ago.

I will be getting information about the costs and procedures associated with membership fees paid by credit card or direct deposit, since some members have asked about these. Moreover, this would be more convenient for a number of overseas members. Once I have the relevant information I will be reporting to Council so that any necessary decisions can be made.

Newsletter/*Australasian Mycologist*

Not surprisingly the then *Newsletter*, now *Australasian Mycologist* is the biggest expense for the Society. In the 1999 calendar year it will be a more expensive journal with colour illustrations, compared with its previous life as a black-and-white *Newsletter*. Previously the all-up cost (printing+postage) for an issue was about \$400-\$500 (with a unit cost of around \$3) whereas the current cost is around \$700 (and a unit cost of \$4-\$5).

You will note that in the audited accounts the costs appear to have gone up by a factor even greater than that indicated by the amounts I have just quoted. The \$986 given in the accounts for 97/98 covers the costs for two issues whereas the \$1787 for 98/99 covers the costs of four issues. This seeming imbalance has appeared in previous annual accounts as well. The reason is that expenses are recorded for the financial year in which they are paid (not in which they are incurred) and the bill for the final newsletter in a given financial year is sometimes not received until early in the following financial year.

1999 Conference

This is an additional point, not presented in my verbal report at the AGM and is given here just for interest's sake. Total expenditure was \$1950 and total income was \$2270. Some of these amounts were reported in the 1998/99 accounts and the rest will appear in the 1999/2000 accounts.

Heino Lepp
8 December 1999