

Much room for mushroom muddles at the ALA: an example from *Amanita*

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Amanita ochroterrea



Amanita lesueurii

Amanita spp.

- Cosmopolitan, > 1000 spp.
- Ecologically and economically important
- Genus distinctive, species difficult
- Well represented in Australia, not well known
- Seasonal, unreliable, ephemeral, variable



Amanita quenda



Amanita 'NJF'



Amanita fibrilloses

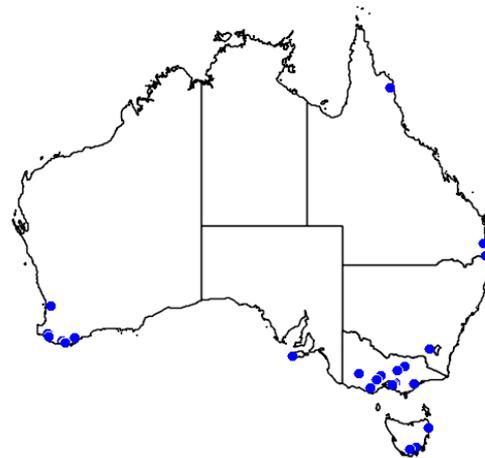


Neale Bougher

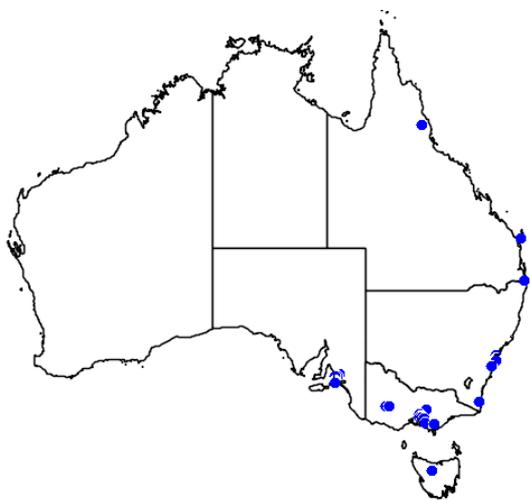


Is this *Amanita hiltonii* D.A.Reid?

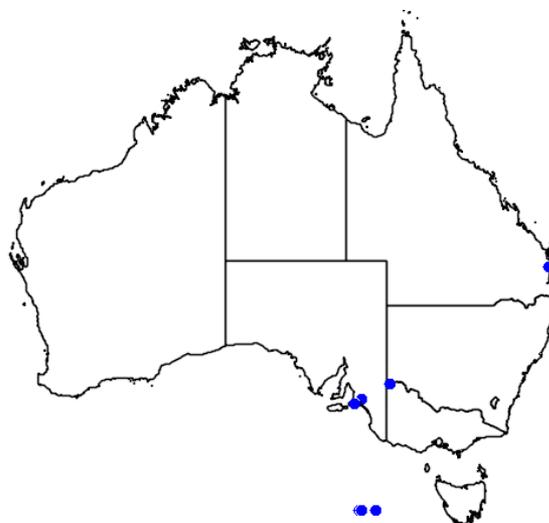
Amanita ananiceps (Berk.) Sacc.



Amanita farinacea (Sacc.) Cleland & Cheel



Amanita clelandii E.J.Gilbert



Issues

- Missing records, e.g. types at Kew, UNSW
- Reliability of records, names, images
- Uncertainty about existing names
- Opportunities: types for next gen sequencing



Amanita 'umbrinella long spores'

Acknowledgements

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