

Result Mycology QAP for 2001

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- 2001:2:7A** *Candida dubliniensis:* **70% correct to species level**
99% correct to genus level
This is a good result up from 17% correct to species level in 1998.
- 2001:2:7B** *Aspergillus terreus:* **86% correct to species level**
94% correct to genus level
Another good result. In general labs handle *Aspergillus* OK.
- 2001:2:7C** *Acremonium strictum:* **92% correct to genus level**
3 labs for *A. strictum*, 3 for *A. kiliense*, 102 for *Acremonium* species. Good result to genus level, speciation in this genus is very difficult.
- 2001:4:7A** *Candida albicans:* **90% correct to species level**
100% to genus level and the majority of labs not reporting *C. albicans* used a kit to aid their identification i.e. not just germ tube test alone. This is an expected result. Yeast identification kits have about a 90% accuracy rate something worth remembering if an unexpected result occurs.
- 2001:4:7B** *Aureobasidium pullulans:* **53% correct to genus and species level**
As expected there was a long list of miss-identifications. Identification down from 60% in 1997 [1995 = 48% correct]. *Aureobasidium* is a common environmental fungus occasionally seen in the medical lab.
- 2001:4:7C** *Cladophialophora carrionii:* **68% correct to species level**
18% *Cladosporium* sp.
Slow improvement 1996 = 62%. Similar to other black moulds sent out recently; *Wangiella dermatitidis* 37% [1999]; *Exophiala jeanselmei* 60% [2000]; *Phialophora verrucosa* 63% [1988] and 81% [2000].
- 2001:6:7A** *Trichophyton tonsurans:* **90% correct to species level**
An excellent result. 1996 = 52%; 1997 = 49%; 1999 = 85%. Most labs now seem to be able to recognise this one.
- 2001:6:7B** *Fusarium solani:* **2% correct to species level??**
62% correct to genus level
26% *Acremonium* species
We have re-examined this isolate and noted long phialides so we would still call it *F. solani*. 9% labs went for *F. oxysporum* with the rest just opting for species level. The differential between *Fusarium* and *Acremonium* is more important. Should not be scored to species level. Need to send this one again.

