

Four single germinating ascospores of A40 strain #1 from a 24 hour CMA plate containing sodium acetate were transferred to 4 equally separated peripheral locations on a fresh PCA plate. (Notes: 1) the % of ascospore germination was very low, 2) germination % on CMA containing sodium acetate was no different than on CMA without sodium acetate, 3) all germinations occurred from the hyaline cell of the ascospore, appearing to originate from its septum with the dark cell.) Several days later agar blocks were taken from the edge of the spreading colonies (before these colonies touched each other) to 4 separate PCA slants. **Results:** Two of these slants produced fertile perithecia and two didn't. The latter two were mated on a PCA plate and fertile perithecia resulted along their line of meeting. Strains 'A' & 'a' grown separately on PCA yielded no mature perithecia although protoperithecia and the *Cladorrhinum* anamorph (=spermatial stage) were abundantly scattered throughout both colonies. Colonies of mating types 'A' & 'a' were identical. This experiment was repeated with 4 more single germinating ascospores and this time 3 proved homothallic and only 1 heterothallic. **THESE RESULTS ARE THE REASON FOR CONTACTING NAMBOORI RAJU AND KEVIN MCCLUSKEY.** Hopefully, Raju will be able to explain the genetic compatibilities involved. Two cultures are being sent to Kevin at the FGSC, one for the collection and the other for Raju. They represent the 2 single-ascospore homothallic (pseudohomothallic?) cultures that resulted from the initial ascospore germinations on CMA containing sodium acetate (described immediately above).

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**A second collection with *Apiosordaria verruculosa* var. *maritima***

**Designation:** A41

**Substrate:** *Nyctophilus geoffroyi* = Lesser long-eared bat dung. Ann's comment about this collection was "Stinks!!"

**Collector:** Cicely Fenton

**Location and vegetation:** Victoria, Australia. "Lanark" near Branxholme (S.W. of Hamilton), Lat. 37°52'31" S, Long. 141°40'8" E

**Collection date:** June 1997

**Incubation date:** 20 Sept. 01