

Fungal genetics course based on Coniochaeta.

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Abstract

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Cooke, F. Fungal genetics course based on *Coniochaeta*.

Dr. Fred Cooke, of the Biology Department, Queen's University, Kingston, Ontario reports that he has developed a laboratory course in fungal genetics which is carried out with the heterothallic ascomycete *Coniochaeta kellermanii*. *Coniochaeta* is similar to *Neurospora* but has the advantages of a much more restricted growth and a shorter life cycle. Students have been able to isolate several color mutants as well as a number of auxotrophic mutants. In his opinion, the laboratory course could be modified for use with *Neurospora*.

Dr. Cooke would be happy to provide information about experiments developed for this course to anyone who is interested.