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# Preliminary surveys of outdoor and indoor

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Preliminary surveys of outdoor and indoor aeromycobiota in Uganda

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## Abstract

This investigation was conducted during the period of March through June 1998 to trap, enumerate and identify the different airborne fungi in a variety of microhabitats of outdoor and indoor environments in different localities of Uganda. The settle plate method was used and Czapek-Dox agar was the isolation medium. A total of 47 genera and 61 species in addition to some other unidentified airborne fungi were trapped from all exposures at outdoor (39 genera and 52 species) and indoor (35 and 49) environments. The total fungal catches of outdoor airspora obtained from all exposures (and even in most individual exposures) were more than twice (5222 colonies) of that of the indoor ones (4361) when the exposure periods are taken into consideration. It is worth mentioning that the most highly polluted sites were either parks, forests or river banks for outdoor exposures, or teaching laboratory, library, laterines or bathrooms for indoor exposures. The most prevalent fungi from both outdoor and indoor microhabitats being species of *Mycosphaerella*, Yeasts, *Penicillium*, *Fusarium*, *Aspergillus*, *Cochliobolus* and *Alternaria*. However, several others were trapped frequently from either outdoor or indoor environments. On the other hand, several others were trapped

### Sections

### References

Abstract

References

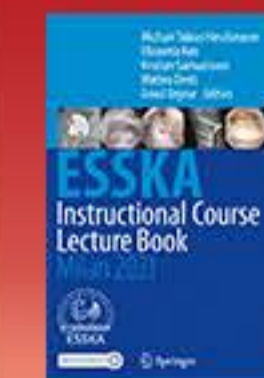
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