Phystarum compressum and Stemonitis herbatica
in controlled indoor Pleurotus cultures

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ABSTRACT

Stemonitis herbatica Peck and Physarum compressum Alb. & Schwein were observed in Pleurotus-cultures carried out with pasteurised substrates under hygienic and climatologically controlled conditions. For both myxomycetes, plasmodium as well as sporocarps were found. The plasmodium grew on the substrate and the fruit bodies. Both S. herbatica and P. compressum formed sporocarps on the oyster mushrooms. As far as known to the authors, this is the first report of the occurrence of the species in intensive Pleurotus-cultures, as well as of sporocarp formation on Pleurotus fruit bodies under controlled conditions.

Key words: Pleurotus, Myxomycetes, Physarum compressum, Stemonitis herbatica, slime moulds.