



## ***PHYSARUM 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.