



## OCCURRENCE OF *MYCOGONE ROSEA* LINK ON MACROFUNGI

*Mycogone rosea* Link megjelenése nagygyombákon

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*Mycogone rosea* Link is an intrahymenial ascomycete that forms a striking pink coating on the substrate. Chlamydo-spores of this species are distinctively round, 25-35 x 18-23 microns and located on a cladobotryum-type conidium holder. The infected fruiting body is reduced and deformed, does not form spores and has a rotting smell. This fruiting body will not be decomposed for weeks. According to the literature, it has appeared on the genera *Amanita*, *Agaricus*, *Cortinarius*, *Inocybe*, *Pholiota*, *Russula*, *Lactarius*, *Lepiota*, *Tricholoma*, but many species have not been described. It parasitizes mainly *Amanita* species. Previously we observed this species on *Amanita pantherina* (DC.) Krombh. and *Amanita citrina* Pers. in Hungary. We described it on the mycelium of *Amanita phalloides* (Fr.) Link in vitro experiment in 2019, however, it has not been found on the fruiting body. In addition, we detected it on *Amanita caesarea* (Scop.) Pers. in a hornbeam-oak forest of Parádfürdő, and on *Amanita rubescens* Pers. from a beech forest in Mátraháza. Besides these, we found it on *Entoloma rhodopolium* (Fr.) P. Kumm. in oak forest on Mátraháza. We observed that, the spores on the infected fruiting body are white at morning, which ripen and turn pink after 8 hours. We have photos of the infected substrates and we placed fungarium specimens in the natural science laboratory of the Mátra Forestry Technical College in Mátrafüred. Previously, *M. rosea* was not described such as substrate of genus *Entoloma*, so we expanded the list of substrates of this species to 10 fungal genera. *M. rosea* probably parasitizes several species of fungi therefore, we continue the investigations in order to get to know this species.