NEW RECORDS OF SLIME MOLD (*PROTOZOA: MYXOMYCETES*) SPECIES FOR HUNGARIAN FLORA AND DATA OF ITS SUBSTRATES
Új nyálkagombafajok Magyarország flórájára és szubsztrátum adataik

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Slime mold species (*Myxomycetes*) are less researched organisms in Hungary. In the last century, many studies presented this taxon, but after publication of the slime mold list in 2008, only one new Hungarian data is reported in the literature. The aim of our research is to assess the appearance, distribution and substrates of slime mold species.

During our data collection, using our own and the results of amateur researchers, we managed to identify four new species and two macrofungi substrates in Hungary. Besides this, we used the citizen science. We identified four species that had not been found in Hungary yet: *Diderma donkii* Nann.-Bremek., *Trichia favoginea* (Batsch) Pers, *Tubifera applanata* (D.V. Leontyev & K.A. Fefelov) D.V. Leontyev & K.A. Fefelov, *Tubulifera arachnoidea* Jacq. In additional this data, we have found two species of which substrates was macrofungi. No such substrate data have been published for Hungary. *Stemonitis fusca* Roth was found on *Mycena renati* Quél. and the *Trichia varia* (Pers. ex J.F.Gmel.) Pers., was occurred on *Pluteus cervinus* (Schaeff.) P. Kumm. fungi species.

It can be said that, with the help of citizen science and continuation of research on slime mold, more and more new data can be detected, which contributes to the knowledge of this taxon.