

**Teljes hivatkozás:**

Kutszegi Gergely, Siller Irén, Dima Bálint, Takács Katalin, Merényi Zsolt, Varga Torda, Turcsányi Gábor, Bidló András, Ódor Péter (2015): Drivers of macrofungal species composition in temperate forests, West Hungary: functional groups compared; Science Direct, Fungal Ecology 17 (69-83)

**Rövid hivatkozás:**

Kutszegi és mtsai (2015)

**Első szerző:**

Kutszegi Gergely

**Év:**

2015

**Összefoglalás:**

The most influential environmental drivers of macrofungal species composition were studied in managed, even-aged, mixed forests of Órség National Park, Hungary. Functional groups of macrofungi were analyzed separately by non-metric multidimensional scaling and redundancy analysis exploring their relations to tree species composition, stand structure, soil/litter conditions, microclimate, landscape, and management history. There was some evidence that macrofungi are related to drivers that are relatively easy to measure. Wood-inhabiting fungal species composition is driven primarily by the species composition of trees, while substratum properties and microclimate play minor roles. The terricolous saprotrophic community was determined principally by a litter pH gradient involving tree species composition and soil/litter properties. Microclimate had no concordant effect. No obvious underlying gradients were detected on ectomycorrhizal fungal species composition; however, tree size and litter pH had significant effects. For each group, no clear responses to landscape or management history were detected.

biodiverzitás: gomba, zuzmó  
erdőökológia

**Folyóirat:**

Science Direct, Fungal Ecology

**Lelőhely:**

ER Archívum (2015/P-001/1, 2015/P-001/2)

**Típus:**

tudományos publikáció, konferencia szaccikk (teljes)

**Csatolt dokumentum:**



KUTSZEGI\_etal\_2015\_Drivers\_of\_macrofungal\_species\_composition\_in\_temperate\_forests\_West\_Hungary\_functionion

**Katalógusba vette:**

Kovács Gabriella

**Katalógusbavétel időpontja:**

2015-07-07