



**I** **Shotgun metagenomes and multiple primer pair-barcode combinations of amplicons reveal biases in metabarcoding analyses of fungi**

*Leho Tedersoo, Sten Anslan, Mohammad Bahram, Sergei Põlme, Taavi Riit, Ingrid Liiv, Urmas Kõljalg, Veljo Kisand, R. Henrik Nilsson, Falk Hildebrand, Peer Bork, Kessy Abarenkov*

**45** **Cloning of ribosomal ITS PCR products creates frequent, non-random chimeric sequences – a test involving heterozygotes between *Gymnopus dichrous* taxa I and II**

*Karen W. Hughes, Samuel D. Morris, Ana Reboredo-Segovia*

**57** **Distributional records of Antarctic fungi based on strains preserved in the Culture Collection of Fungi from Extreme Environments (CCFEE) Mycological Section associated with the Italian National Antarctic Museum (MNA)**

*Laura Selbmann, Silvano Onofri, Laura Zucconi, Daniela Isola, Marino Rottigni, Claudio Ghiglione, Paola Piazza, Maria Chiara Alvaro, Stefano Schiapparelli*



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