

عنوان مقاله:

Report of some fungi of Pleosporaceae family associated with leaf spot symptoms of plants in Chaharmahal and Bakhtiari province, Iran

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خلاصه مقاله:

In this study, ۳۲ plant samples with leaf spot symptoms were collected from Chaharmahal and Bakhtiari province, Iran, in the spring and summer of ۲۰۱۸. Isolation and purification of ۲۶ fungal isolates were performed on ۲% water agar and potato dextrose agar to identify the causal agents. Fungal species were identified according to morphological characteristics and molecular data obtained from glyceraldehyde ۳-phosphate dehydrogenase (gpdh) gene sequences. In this research, ۱۱ species belonging to four genera of hyphomycetous fungi, including *Alternaria cantlous*, *A. consortialis*, *A. multiformis*, *Bipolaris sorokiniana*, *B. zeicola*, *Curvularia spicifera*, *C. nicotiae*, *C. inaequalis*, *Stemphylium beticola*, *S. symphyti*, and *S. vesicarium* are introduced. Among them, three species, including *C. nicotiae* from *Salvia officinalis* L., *S. beticola* from *Plantago major* L., and *S. symphyti* from *Mentha pulegium* L., are reported as new records for mycobiota of Iran. All collected plant species are reported as new hosts (matrix nova) for the identified fungal taxa.

کلمات کلیدی:

biodiversity, micromycetes, morphology, phylogeny, taxonomy

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