

عنوان مقاله:

New species of endophytic fungi from grapevine (*Vitis vinifera*) in Iran

محل انتشار:

دوفصلنامه رستنیها، دوره 16، شماره 1 (سال: 1394)

تعداد صفحات اصل مقاله: 19

نویسندگان:

نارداد هرقلی - MSc Student, Department of Plant Protection, College of Agriculture and Natural Resources, University of Tehran, Karaj, Iran

یوبرت قوستا - Assistant Prof., Department of Plant Protection, Faculty of Agriculture, University of Urmia, Urmia, Iran

محمد جوان نیکخواه - Prof., Department of Plant Protection, College of Agriculture and Natural Resources, University of Tehran, Karaj, Iran

(jnikkhah@ut.ac.ir)

آندریا کامپیسانو - Researcher, Sustainable Agro-Ecosystems and Bioresources Department, IASMA Research and Innovation Centre, Fondazione Edmund

Mach, San Michele all'Adige, Italy

میشایل بانچر - Researcher, Sustainable Agro-Ecosystems and Bioresources Department, IASMA Research and Innovation Centre, Fondazione Edmund

Mach, San Michele all'Adige, Italy

خلاصه مقاله:

During the study on endophytic fungi of grapevine (*Vitis vinifera* L.), ۶۵۵ fungal isolates were obtained and studied taxonomically. Based on morphological and ITS sequences data, ۱۵ species belonging to ۱۰ genera including *Alternaria brassicicola*, *A. chlamydospora*, *A. malorum*, *A. atra*, *Arthrinium phaeospermum*, *A. sacchari*, *Aspergillus nidulans*, *A. wentii*, *Beauveria bassiana*, *Cheatomium elatum*, *Epicoccum nigrum*, *Geosmithia pallida*, *Paecilomyces variotii*, *Cytospora punicae*, and *Verrucobotrys geranii* are introduced as endophytic fungi of grapevine. Grapevine is as matrix nova for all mentioned species in Iran. Also, all identified species except *A. phaeospermum*, *B. bassiana*, and *E. nigrum* are reported for the first time as endophytic fungi of grapevine worldwide. Four species viz. *A. sacchari*, *C. punicae*, *G. pallid*, and *V. geranii* are introduced and described for the first time from Iran.

کلمات کلیدی:

Endophytic fungus, Morphology, ribosomal DNA, Taxonomy

لینک ثابت مقاله در پایگاه سیویلیکا:

<https://civilica.com/doc/1537269>

