

NOTES ON IRANIAN SMUT FUNGI *

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(Received : 9.07.2012; Accepted : 11.10.2012)

Abstract

The following new findings about Iranian smut fungi are presented: 1-*Ustilago hordei* × *U. nuda* hybrids are reported on *Hordeum vulgare* from Yazd province. Our study showed that main causal agent of covered smut in the province is above hybrids. 2- *Urocystis tianschanica* is newly reported from Iran on *Critesion violaceum*. 3- *Tranzscheliella iranica* is also reported from Yazd province, Deh Bala. Before our report, this species was known only from the type locality. 4- Revision of herbarium specimens of infected *Lolium subulatum* revealed that smut species on these specimens belongs to *Tilletia lolioi* not *T. bromi*. All above mentioned taxa are documented by microphotographs and Persian description.

Keywords: Fungi, Mycology, Biodiversity, Plant Diseases, Taxonomy

See Persian text for figures and tables (Pages ۱۰۷-۱۱۲).

*: This paper presents part of the results of research project number 7-16-16-89014 accomplished at Iranian Research Institute of Plant Protection

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