Short Report

FIRST REPORT OF POWDERY MILDEW OF *Rosa persica* CAUSED BY *Leveillula taurica* FROM IRAN

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Abstract

During the study of Powdery mildew related to *Erysiphaceae* family from Abardeh region in Mashhad (Khorasan-e-Razavi province), one species of *Rose* (*Rosa persica* Michx.ex Juss, Summer 2006) with symptoms of Powdery mildew was collected. The symptoms observed with the naked eye including the dense cottony shape mycelia infected the leaf surfaces as well as some parts of the stem. Mycelia were dense, amphigenous, conidia with two types, primary conidia lanceolate, and secondary conidia ellipsoid to cylindric, 15-11*48-35 µm, chasmothecia with mycelioid appendages, and asci numerous, 67-90*30-40 µm, with 2-spores, 11-20*30-39µm (Fig 1). According to A Monograph of the *Erysiphales* (Braun,U.1987.A Monograph of the *Erysiphales*) the fungus was identified as *Leveillula taurica* (Lev) Arnaud. Based on the literature, this is the first record of the genus *Leveillula* on *Rosa* from Iran.