

A new species of eriophyid mite from Iran (Acari: Prostigmata: Eriophyidae)

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Abstract

A survey conducted on cultivated black poplar, *Populus nigra* (L.) Black. (Salicaceae) in Iran led to the discovery of a new species of eriophyid mite, *Aceria zanjani* n. sp. from Zanjan, Northwest of Iran.

Key words: Acari, Eriophyidae, *Aceria*, black poplar, taxonomy

Introduction

Black poplar, *Populus nigra* (L.) Black. (Salicaceae), is a plant of Eurasian origin which is cultivated in higher elevations in Iran as an industrial shade tree. A preliminary survey on its arthropod fauna yielded an eriophyid mite of the genus *Aceria*, new to Science, which is herein described and figured.

Measurements are given in micrometers and, unless otherwise specified, refer to the length of the structure. For females, each measurement of the holotype precedes the corresponding range for the paratypes. Some measurements of the holotype could not be taken because of the position it was mounted.

Aceria zanjani n. sp. (Figs. 1, 2)

DIAGNOSIS - Prodorsal shield with two lateral raised areas anteriorly to the seta-bearing tubercles, presenting a small posterior wart-like eminence; accessory seta present.