

## A new species of *Neoseiulella* (Acari: Phytoseiidae) from the Macaronesian Region, Canary Islands

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### Abstract

A new species of mesostigmatid mite, *Neoseiulella ferraguti* sp. nov. collected from soil, litter and lichens of natural ecosystems on Tenerife island, Canary Islands is described. *Neoseiulella ferraguti* has two pairs of setae on the sternal shield, four pairs of preanal setae and two distinct pointed macrosetae on genu and basitarsus IV, macroseta on tibia IV slightly longer than other setae. A key for females of *Neoseiulella* species in the Canary Islands is provided.

**Key words:** Acari, Mesostigmata, *Neoseiulella ferraguti* n. sp., Canary Islands, Tenerife, Spain

### Introduction

Surveys conducted from 1997 to 2002 in the Canary Islands, reported five new species of *Neoseiulella* Muma from natural ecosystems of the islands (Ferragut and Peña, 2003; Moraza et al., 2005). *Neoseiulella* is a well-represented genus, with 36 species described from Australia, Europe, New Zealand, North America and north of Africa on a high variety of host plants. The new species now described, bring new data about the taxonomy and ecology of these mites and a key provided for the species of *Neoseiulella* from Canary Islands may highlighted the mites systematic in the Macaronesian Region.

### Material and methods

Mites were collected by Miguel Ángel Peña Estévez. The specimens were extracted using a Berlese-Tullgren funnel. Mites were cleared in Nesbitt's solution before mounting in