



A new species of *Trombidium* (Acari: Trombidiidae) from East Azarbaijan province, Iran

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Abstract

A new species of larval *Trombidium*, collected as free-living on soil, is described and illustrated from Tickmadash, Mianeh City, East Azarbaijan province, Iran. This is the second species of *Trombidium* from Iran. A key to Iranian genera of Trombidiidae (larva) is presented.

Key words: Trombidiidae, *Trombidium*, new species, larva, Iran

Introduction

At present, fifteen larval species of *Trombidium* have been described (Southcott 1986, Haitlinger 1996, 2004, Zhang & Saboori 1996). Only one species of *Trombidium* has been described from Iran (Zhang & Saboori 1996).

The terminology and abbreviations follow Zhang & Saboori (1996) and measurements are given in micrometers (µm).

Key to Iranian genera of Trombidiidae (Larva)

1. Setae *h*₁ much longer than other setae of idiosoma; palpal tarsal setae smooth 2
- Setae *h*₁ semi equal with other setae of idiosoma; palp tarsus at least with one barbed seta..... 6
2. With three dorsal scuta..... 3
- With two dorsal scuta..... 4
3. Coxa II with two setae *Iranitrombium* Saboori *et al.*
- Coxa II with one seta *Oskootrombium* Saboori *et al.*
4. Medial coxala I pectinate..... *Paratrombium* Bruyant
- Medial coxala I barbed or smooth (not pectinate) 5
5. Posterior claw of Ta III reduced; medial coxala I smooth; palp femur with one seta *Trombidium* Fabricius
- Posterior claw of Ta III normal; medial coxala I barbed; palp femur without seta
..... *Azaritrombium* Saboori *et al.*
6. Ge II & III each with two seolenidia, Coxa II with two setae *Allothrombium* Berlese
- Ge II & III each with one seolenidion, Coxa II with one seta *Monotrombium* Zhang