



## New record for Turkish spider Fauna (Araneae:Gnaphosidae)

Adile AKPINAR , Murat CEYHAN 

Gaziantep Üniversitesi, Fen-Edebiyat Fakültesi, Biyoloji Bölümü, 27310 Gaziantep

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Turkey

**Abstract:** *Pterotricha pseudoparysiaca* Nuruyeva&Huseynov,2016 belongint to the family Gnaphosidae is reported for the first time from Turkey. The pedipalpal structures of specimen were examined and illustrated.

## Türkiye Örümcek Faunası için Yeni Kayıt (Araneae: Gnaphosidae)

### Anahtar Kelimeler

Araneae,

*Pterotricha pseudoparysiaca*,

Gnaphosidae,

Turkey

**Özet:** Gnaphosidae familyasına ait *Pterotricha pseudoparysiaca* Nuruyeva&Huseynov, 2016 türü Türkiye'den ilk kez kayıt rapor edilmiştir. Türe ait pedipalp yapısı incelenmiş ve resimlenmiştir.

## 1. INTRODUCTION

The spiders lives in many different habitas and areas. Gnaphosidae family are known as ground spiders and they are represented with 2522 species belonging to 158 genus in the World (World spider catalog, 2020). There are 147 species in 32 genus of this family in our country (Danışman et.al, 2019; Demir and Seyyar, 2017). *Pterotricha Kulczynski*, 1903 genus, a little-known taxa in Turkey and the genus is easily identified by elongated anterior spinnerets and copulatory organ structure (Nuruyeva and Huseynov, 2016).

In this paper, We add one Gnaphosid spider species, *Pterotricha pseudoparysiaca*, to the spider fauna of Turkey.

## 2.MATERIAL AND METHOD

Specimens were collected from İslahiye and Nurdağı districts of Gaziantep province in southeast Anatolia region of Turkey. The samples were captured by hand and aspiratory from under stones and grassland area. The taxons preserved in %96 ethanol and were identified using catalogs and diagnostic keys (Nuruyeva and Huseynov, 2016; Nentwig

\*İlgili yazar: aozdemir@gantep.edu.tr

et.al, 2020). The pedipaps were photographed by using Touptek digital camera attached to a Olympus SZX12 stereomicroscope. The material were deposited in the University of Gaziantep, Zoology Museum (GAUZM, Department of Biology, Gaziantep, Turkey).

### 3. RESULTS

Family: **Gnaphosidae** Pocock 1898

*Pterotricha* Kulczynski, 1903

*Pterotricha pseudoparasyriaca*

Nuruyeva&Huseynov,2016

*Description:* The species is well described by Nuruyeva&Huseynov,2016

*Material examined:* (Figure 1). 1♂, Gaziantep province, İslahiye district, Bayraktepe village (37° 01' 28"N 36° 48' 79"E), 630 m, under stones, 06.10.2016; 2♂♂, Nurdağı district, Emirler village, (37° 17' 32"N 36° 56' 64"E) 565 m, under stones, 13.10.2016; 1♂, Balıkan village ( 37° 17' 19" N, 36° 53' 75" E), 516m, between stones, 20.04.2017.

*Additions:* *P. pseudoparasyriaca* similar to *P.parasyriaca*, but It differ from *P.parasyriaca* by the shape of median apophysis of the palp. Embolus is thin long and curved (Figure 1B).

*Distribution:* Azerbaijan, Iran (World Spider Catalog, 2020).



**Figure1.** *Pterotricha pseudoparasyriaca*, ♂ habitus (A), Palp ventral (B), view.

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