Xysticus tenuiapicalissp. nov. (Araneae: Thomisidae) from Turkey

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**XYSTICUS TENUIAPICALIS SP. NOV. (ARANEAE: THOMISIDAE) FROM TURKEY**

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**ABSTRACT**

*Xysticus tenuiapicalis* sp. nov. (Araneae: Thomisidae) is described based on males from Central Anatolian Region in Turkey.

**Key Words:** Araneae, Thomisidae, new species, Turkey

**RESUMEN**

Se describe *Xysticus tenuiapicalis* sp. nov. (Araneae: Thomisidae) basado en los machos de la Región Central de Anatolia en Turquía.

Thomisidae, commonly called crab spiders, is a big spider family comprising 177 genera and 2,146 species worldwide, of which 82 species of 14 genera are known in Turkey. The largest genus of this family, *Xysticus* C. L. Koch, 1835 currently contains 359 species and is distributed throughout the world. Among them, 45 species are known to Turkish fauna (Demir 2008; Demir et al. 2006, 2008a-c, 2009a, b, 2010a, b; Logunov 2006; Logunov & Demir 2006; Topçu & Demir 2004; Topçu et al. 2005; Platnick 2011). In the present study, a new species from Turkey is described.

**MATERIALS AND METHODS**

Most of the specimens were collected in Central Anatolian Region of Turkey by pit-fall trapping and hand collecting. All illustrations were made with a Nikon SMZ-U stereomicroscope with drawing tube. All measurements are in millimeters. Abbreviations used in the text and in the figure are as follows: ALE, anterior lateral eyes; AME, anterior median eyes; ap, apical; d, dorsal; MOA, median ocular area; MOA-L, length of MOA; MOA-WA, anterior width of MOA; MOA-WP, posterior width of MOA; PLE, posterior lateral eyes; PME, posterior median eyes; VTA, ventral tibial apophysis; pr, prolateral; rt, retrolateral; v, ventral; NUAM, Arachnology Museum of the Niğde University, Niğde, Turkey. Terminology of genitalia and system of leg spination follow Ono (1988).

**Xysticus Tenuiapicalis** sp. nov.

**Type Material**


**Description**

Measurements of Holotype. Carapace: 1.95 long, 1.92 wide. Abdomen: 2.02 long, 1.70 wide. Clypeus 0.25 long, chelicera 0.65 long. Eye sizes and inter distances: AME 0.12, ALE 0.15, PME 0.10, PLE 0.16; MOA-WA 0.75, MOA-WP 0.90, MOA-L 0.45, AME-AME 0.32, AME-ALE 0.16, PME-AME 0.30, PME-PLE 0.15. Lengths of legs [total length (femur+patella+tribia+metatarsus+tarsus)]: I 6.30 (2.00+0.80+1.35+1.25+0.90), II 6.10 (2.00+0.75+1.25+1.20+0.90), III 3.65 (1.25+0.50+0.75+0.55+0.60), IV 3.85 (1.25+0.40+0.85+0.75+0.60).


Palpus. Bulb much longer than wide, with 2 tegular apophyses; the median one uncinate, the apical one thorn-like shaped. Embolus long, thick and filiform, winding around tegulum and tutaculum. Tutaculum long. Tibia with ventral and retrolateral apophyses: the retrolateral apophysis obtuse; the ventral apophysis as in Figs. 1A, B.
Female. Unknown.

Etymology

The name derived from tiny apical tegular apophysis of male palp.

Distribution

Known from the type locality only.

Habitat

Specimen was collected under a stone in grass vegetation.

Diagnosis


**References Cited**


Demir: A Thomisid Spider *Xysticus tenuiapicalis* sp. nov. from Turkey


