



The female of *Xysticus pseudorectilineus* (Wunderlich, 1995) (Araneae: Thomisidae) from Turkey

The genus *Xysticus* C. L. Koch, 1835 is represented by many taxa (156 species and 24 subspecies) in the Palearctic region (Platnick 2007). *Xysticus pseudorectilineus*, described by Wunderlich from Adana province (Kadirli district, Tuzla), is one of 36 species of this genus that have been recorded from Turkey (Topçu *et al.* 2005; Logunov & Demir 2006; Logunov 2006; Demir *et al.* 2006). This species was previously known only from a single male from the type locality (Wunderlich 1995). *Xysticus pseudorectilineus* is here redescribed based on 40 specimens of both sexes that were found in the different parts of Anatolia (Fig. 8). It has found to be common under stones. The male is adult in autumn, while adult females can be found in spring and autumn.

All illustrations were made with a Nikon SMZ-U stereomicroscope with drawing tube. Male palp and epigyne were mounted using a double sided tape on the SEM stubs, coated with gold in a Polaron SC 502 Sputter Coater, and examined with a JOEL JSM 5600 Scanning Electron microscope at 15 kW. All measurements are in millimeters. Abbreviations used in the text and in the figures 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; pr, prolateral; rt, retrolateral; v, ventral. Terminology of genitalia and system of leg spination follows Ono (1988). All material is deposited at the Arachnology Museum of the Niğde University, Niğde, Turkey.

Xysticus pseudorectilineus (Wunderlich, 1995) (Figs 1–7)

Material examined. TURKEY: Niğde province: 1♀, Uluğağaç pond, 34° 97' E, 38° 15' N, 16 June 2001, leg. H. Demir; 1♂, 2♀, Fertek district, Özbelde, 34° 46' E, 38° 02' N, 12 October 2003, leg. H. Demir; 1♀, Aktaş village, 38° 47' E, 38° 12' N, 2 May 1996, leg. T. Türkeş; 1♂, Hançerli village, 34° 81' E, 38° 11' N, 12 October 2003, leg. H. Demir; 5♀, Bor district, 34° 40' E, 37° 87' N, 4 April 1996, leg. T. Türkeş; 1♀, Çamardı district, Celaller village, 35° 07' E, 37° 89' N, 5 June 2001, leg. H. Demir; 3♀, Kolsuz pass, 34° 62' E, 37° 85' N, 14 May 1996, leg. T. Türkeş; 1♀, Alihoca village, 34° 42' E, 37° 29' N, 18 May 2002, leg. H. Demir; 1♀, Gümüş village, 34° 66' E, 37° 50' N, 18 May 2002, leg. H. Demir. **Adana province:** 1♀, Pozantı district, 34° 92' E, 37° 64' N, 7 April 2001, leg. H. Demir. **Nevşehir province:** 2♀, Avanos district, 34° 97' E, 38° 15' N, 15 July 2003, leg. H. Demir; 2♀, Derinkuyu district, Til village, 34° 77' E, 38° 49' N, 20 March 2005, leg. H. Demir. **Osmaniye province:** 1♀, Kadirli district, Maksutoğlu plateau, 36° 16' E, 37° 61' N, 25 May 2005, leg. H. Demir. **Antalya province:** 1♀, Alanya district, Çelték plateau, 32° 34' E, 36° 58' N, 15 May 2006, leg. H. Demir; 1♀, Alanya district, Bucak çökelesi, 32° 35' E, 36° 55' N, 17 May 2006, leg. H. Demir; 4♀, Alanya district, Havuçtöünü, 32° 31' E, 36° 53' N, 14 May 2006 leg. H. Demir. **Kayseri province:** 2♀, Araplıbeli, 35° 13' E, 38° 26' N, 18 May 2003, leg. O. Seyyar; 1♀, Kıranardı, 35° 58' E, 38° 56' N, 27 April 2004, leg. O. Seyyar; 1♂, Talas district, 35° 72' E, 38° 66' N, 15 October 2002, leg. O. Seyyar. **Mersin province:** 1♀, Belededik village, 34° 54' E, 37° 20' N, 18 May 2003, leg. H. Demir. **Şanlıurfa province:** 1♂, 2♀, Harran district, 39° 12' E, 36° 87' N, 28 October 2003, leg. H. Demir. **Gaziantep province:** 1♀, Şahinbey, 37° 22' E, 36° 94' N, 10 June 2003, leg. H. Demir.

Male: Measurements (n=4). Carapace: 1.95–2.15 long, 1.90–2.10 wide. Abdomen: 2.15–2.45 long, 1.85–2.10 wide. Clypeus 0.10–0.14 long, chelicera 0.52–0.60 long. Eye sizes and inter distances: AME 0.05, ALE 0.90–1.01, PME 0.05, PLE 0.08, MOA-WA 0.25–0.32, MOA-WP 0.27–0.32, MOA-L 0.29–0.33, AME-AME 0.15–0.20, AME-ALE 0.09–0.13, PME-PME 0.15–0.20, PME-PLE 0.24–0.25. Lengths of legs [total length (femur+patella+tibia+metatarsus+tarsus)]: I 8.40–9.20 (2.50–2.70+0.90–1.10+2.00–2.20+2.00–2.10+1.00–1.10), II 8.50–9.15 (2.50–2.65+1.00–1.20+2.00–2.10+2.10–2.20+0.90–1.00), III 5.70–6.50 (1.70–1.90+0.80–1.00+1.40–1.50+1.10–1.30+0.70–0.80), IV 5.90–6.60 (1.70–2.00+0.80–0.90+1.40–1.50+1.20–1.40+0.80).