

**A NEW SPECIES FOR THE ARANEOFAUNA OF TURKEY,
EVARCHA MICHAILOVLOGUNOV, 1992
(ARANEAE: SALTICIDAE)**

Ersen Aydın Yağmur*, Kadir Boğaç Kunt
and Ekber Ulupınar*****

* Ege University, Science Faculty, Biology Department, Zoology Section, TR-35100 İzmir, TURKEY.

** Turkish Arachnological Society, Eserköy Sitesi 9/A Blok No:7 TR-06530 Ümitköy, Ankara, TURKEY. e-mail: kbkunt@gmail.com

*** Gaziantep University, Science and Arts Faculty, Department of Biology, TR-27310 Şehitkamil, Gaziantep, TURKEY.

[Yağmur, E. A., Kunt, K. B. & Ulupınar, E. 2009. A new species for the areneofauna of Turkey, *Evarcha michailovi* Logunov, 1992 (Araneae: Salticidae). Munis Entomology & Zoology, 4 (1): 230-232]

ABSTRACT: *Evarcha michailovi* Logunov, 1992 is recorded for the first time for areneofauna of Turkey.

KEY WORDS: *Evarcha michailovi* Logunov, 1992, Araneae, Salticidae, Turkey.

Family Salticidae, is one of the important groups of the order Araneae. To date, members of this family represents 13 % of the world's araneofauna with a total of 5188 described species in 560 genus (Platnick, 2008). According to the latest checklist by Bayram et al. (2008), the family Salticidae is represented by a total of 74 species of 31 genus in Turkey.

The aim of this study is to investigate the morphological and genital characteristics of *Evarcha michailovi*, a new record for Turkish araneofauna. Specimens were collected using a sweeping net from the study area. They were preserved in 70 % ethanol. The identification and drawings were made by means of a SMZ10A Nikon stereomicroscope attached a camera lucida. Species identification was based on genital characters defined by Logunov (1992). The specimens were deposited in the Arachnology Museum of Turkish Arachnological Society (MTAS). All measurements are in millimeters (mm) in the present text.

Family Salticidae Blackwall, 1841

***Evarcha michailovi* Logunov, 1992 (fig. 1)**

Material Examined:

1 male, 2 females (MTAS/Sal: 0745-47), Kavalcık village, (36°13'48.13"N, 36°36'36.83"E, Hatay province, Reyhanlı district), 26.IV.2007, collected over annual plants by using sweeping net; 1 male (MTAS/Sal: 0751), İslahiye district, (37° 1'6.19"N, 36°38'44"E, Gaziantep province), 15.XII.2007, collected over annual plants by using sweeping net.

Description of Male:

Total length, 5.32 (n=1). Prosoma is blackish brown. On both sides of the prosoma, there is a grayish-white band that becomes narrower towards the pedicel. It is dark brown, black around the eyes. There is grayish white hair above the anterior eyes. Dorsal of the prosoma has shorter hair when compared to other parts. Chelicers are yellowish-brown. Opistosoma is grayish-brown. There are whitish-grey and blackish-brown random and vague spots on the surface of the dorsal. Legs are blackish brown. There is also, yellowish, grayish and whitish hair seldom seen. Leg measurements are given in Table 1.

Description of Female:

Total length, 6.01 (n=3). Body coloration is almost same with the males, only legs are a little lighter in color. Leg measurements are given in Table 2.

Conclusion:

E. michailovi which, according to Logunov (1992) showed "Siberian subboreal" distribution when it was defined, with a notice by the same researcher that this distribution can expand, currently is known from France, Russia, Mongolia, Kazakhstan and China (Platnick, 2008). Our records are the first locality records from the wide geographical area without any previous record, between the populations of Europe and Asia.

LITERATURE CITED

Bayram, A., Kunt, K. B. & Danişman, T. 2008. The Checklist of the Spiders of Turkey. Version 08.1.0. Turkish Arachnological Society. Available from: <http://www.araknolojidernegi.org.tr/turkishspiders> (01.VIII.2008).

Logunov, D. V. 1992. The spider family Salticidae (Araneae) from Tuva. II. An annotated check list of species. *Arthropoda Selecta*, 1 (2): 47-71.

Karol, S. 1967. Türkiye Örümcekleri. I. Ön Liste pp. 1-37. Ankara Üniversitesi Basımevi. Ankara.

Platnick, N. I. 2008. The World Spider Catalog. Version 8.5. The American Museum of Natural History. Available from: <http://research.amnh.org/entomology/spiders/catalog> (01.VIII.2008).

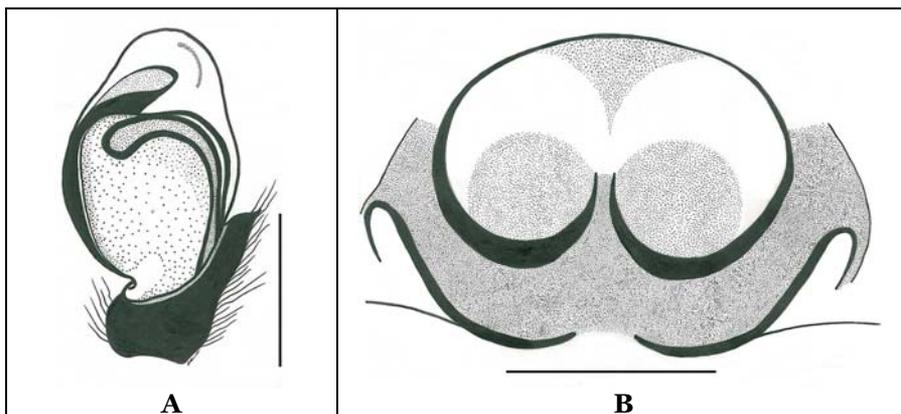


Fig. 1. *Evarcha michailovi* Logunov, 1992 (A) Male palp, ventral view (B) Epigynum, ventral view. Scale lines=0.25 mm.

Table 1. Leg measurements of the male.

Leg (n=1)	Femur	Patella + Tibia	Metatarsus	Tarsus	Total
I	1.78	2.37	0.85	0.93	5.93
II	1.50	1.83	0.71	0.50	4.54
III	1.78	2.37	0.85	0.93	5.93
IV	1.64	1.22	1.18	0.55	4.59

Table 2. Leg measurements of the female.

Leg (n=3)	Femur	Patella + Tibia	Metatarsus	Tarsus	Total
I	1.58	2.09	0.79	0.56	5.02
II	1.41	1.73	0.71	0.54	4.39
III	1.83	1.86	1.02	0.61	5.32
IV	1.78	1.92	1.30	0.61	5.61