A new species of *Tegenaria* Latreille, 1804 (Araneae, Agelenidae) from Turkey

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Abstract

A new species of the spider genus *Tegenaria* Latreille, 1804 is described, based on newly collected specimens from Turkey. Detailed morphological descriptions, diagnosis and figures of the copulatory organs of both sexes are presented. Finally, a checklist and distribution maps for Turkish *Tegenaria* species are provided.

Keywords

Agelenidae, new species, *Tegenaria*, Turkey

Introduction

The spider family Agelenidae currently constitutes 514 species in 42 genera and has a global distribution (Platnick 2010). *Tegenaria* Latreille, 1804 is the largest genus of the family, with 101 described species, primarily from the Palaearctic region, but with
some from the Oriental Region and a few from the Nearctic (Roth 1968; Gertsch 1971; Levy 1996; Platnick 2010). To date, 22 *Tegenaria* species have been reported from Turkey, of which 15 are endemic to the country (Bayram et al. 2010; Platnick 2010). Brignoli (1972, 1978 a, b) was the most prominent contributor to the knowledge of Turkish agelenid spiders, having described and/or recorded 16 species from the country. However, most of these species are still poorly understood and remain known only from their original descriptions.

In general, the supraspecific taxonomy of *Tegenaria* and the tribe Tegenariini is poorly resolved. The genus includes species with very different palpal and epigynal conformations. Recently, Guseinov et al. (2005) removed 26 species from *Tegenaria* and transferred them to *Malthonica* Simon, 1898. The taxonomy of *Tegenaria* with respect to the Mediterranean fauna is currently being developed by A. Bolzern (Bolzern 2007; Bolzern et al. 2008, 2009).

During our surveys of the Turkish spider fauna, we found an undescribed species in the southern region of the country. This species possesses copulatory organs different from other Turkish and eastern Mediterranean *Tegenaria* and is described here as a new species.

**Material and methods**

The specimens were studied using a Leica M205 C stereomicroscope. The description of colour was based on live specimens. The epigyne was macerated in 10% KOH. Measurements were taken with a micrometer eyepiece from the dorsal aspect of the palps and legs. The morphological terminology follows Levy (1996) and Guseinov et al. (2005). Leg spination follows Bolzern et al. (2008, 2009). The taxonomy and world distribution data were derived from Platnick (2010).

Specimens were photographed using an Olympus Camedia E-520 camera attached to an Olympus SZX16 stereomicroscope. Images were produced using “CombineZP” image stacking software. Photographs were taken in dishes of different sizes with paraffin at the bottom. Holes of different sizes were made in the paraffin in order to keep specimens in the required position.

The following abbreviations are used:

- **AER** anterior eye row;
- **ALE** anterior lateral eyes;
- **AME** anterior median eyes;
- **PER** posterior eye row;
- **PLE** posterior lateral eyes;
- **PME** posterior median eyes.

All measurements are in millimeters (mm).

Type specimens have been preserved in 70% ethanol and deposited in the Zoological Museum of Uludağ University (ZMUU, Department of Biology, Bursa, Turkey) and the Zoological Museum of the Moscow State University (ZMMU, Moscow, Russia; curator Dr K.G. Mikhailov).
Description

Genus *Tegenaria* Latreille, 1804

*Tegenaria bayrami* sp. n.
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Figs 1–16, 20

**Material.** Holotype: male (ZMUU): Turkey: Antalya Province, Manavgat District, Beşkonak Village, Köprülü Canyon, 37°11’N 31°11’E, 243 m a.s.l., 01.VI.2006, R. S. Kaya.

Paratypes. One male, one female and three subadult females (ZMUU), one male (ZMMU): same data as for the holotype, 21.VI.2010.

**Etymology.** The species is named in honor of Prof. Dr. Abdullah Bayram, who has made an important contribution to Turkish arachnology.

**Diagnosis.** *Tegenaria bayrami* sp. n. is closely related to *T. longimana* Simon, 1898, *T. vignai* Brignoli, 1978 and *T. halidi* Guseinov, Marusik & Koponen, 2005. Males of the new species can be easily distinguished from the mentioned species by the shape of the large and curved median apophysis and the pointed tip of the conductor (Figs 4, 6). The female of *T. bayrami* sp. n. can be separated from all other *Tegenaria* species by the square-shaped epigynal plate (Fig. 11), short ducts and round spermathecae (Figs 14–16).

**Description. Male** (holotype). Total length 9.00. Prosoma: carapace 4.60 long, 3.50 wide. Carapace brownish yellow, with two longitudinal darkened bands (Fig. 1), margins not darkened, scarce plumose hairs present. Cephalic region: 1.80 wide, darker and separated from the thoracic region by a distinct, darkened line. PER: 0.9 wide. Diameter of PME: 0.20; PLE: 0.22; AME: 0.10; ALE: 0.22. Distance of PME–PME: 0.10; PME–AME: 0.07. Eye formula: ALE=PLE>PME>AME. Clypeus height (measured from bottom of AME): 0.35, clypeus height (measured from bottom of ALE): 0.30. Clypeus deep reddish brown. Eye rows: AER slightly recurved, PER straight in dorsal view. Eye region darker. Chelicerae: 1.17 long; 0.90 wide. Chelicerae red-brown. Gnathocoxae: 1.32 long; 0.65 wide. Labium: 0.77 long; 0.70 wide. Gnathocoxae and labium brown. Sternum: 2.25 long; 2.22 wide. Sternum heart-shaped, pointed backwards, brown, with a light median band and three pairs of sublateral round spots. Legs light brown, with dark annulations, densely covered with plumose hairs; legs I and II are darker than legs III and IV (Fig. 1). Number of dorsal tarsal trichobothria on tarsi I and III: 10, tarsi II and IV: 9. Leg measurements are given in Table 1, and spine formulae in Table 2. Abdomen: 4.4 long, 2.6 wide; dorsum appears yellowish brown, with a reticulate patter of a series of transverse black lines along the dorsal mid-line and sides. Venter pale brown, with many short hairs and longitudinal black bars between the epigastric furrow and spinnerets.

Male palp as in Figs 4–10; very long (femur 5.10, patella 1.00, tibia 2.70, tarsus 2.20, (total 11.00), longer than body. Femur approximately 1.8 times longer than tibia,
tibia 1.2 times longer than cymbium. Retrolateral tibial apophysis with two branches: lateral branch in dorsal view elongated and more or less rectangular, in retrolateral view triangular and tapering off towards the tip; broad and rounded latero-ventral branch with a small protuberance close to lateral branch in retrolateral view. Median apophysis

**Table 1.** Leg and palp measurements of the holotype male and paratype female of *Tegenaria bayrami* sp. n.

|        | femur | patella | tibia | metatarsus | tarsus | total |
|--------|-------|---------|-------|------------|--------|-------|
| **male** |       |         |       |            |        |       |
| palp  | 5.1   | 1.0     | 2.7   | -          | 2.2    | 11.0  |
| Leg I | 11.1  | 2.1     | 11.6  | 13.6       | 4.2    | 42.6  |
| Leg II| 9.7   | 1.9     | 9.6   | 12.0       | 3.6    | 36.8  |
| Leg III| 8.2  | 1.8     | 7.8   | 10.5       | 3.0    | 31.3  |
| Leg IV| 9.6   | 1.8     | 9.4   | 13.4       | 3.4    | 37.6  |
| **female** |    |         |       |            |        |       |
| palp  | 3.3   | 1.2     | 2.2   | -          | 2.7    | 9.4   |
| Leg I | 9.7   | 2.1     | 8.8   | 11.4       | 3.7    | 35.7  |
| Leg II| 8.8   | 2.0     | 7.9   | 9.6        | 3.2    | 31.5  |
| Leg III| 7.2  | 1.6     | 6.6   | 8.5        | 3.0    | 26.9  |
| Leg IV| 9.4   | 2.0     | 8.2   | 11.1       | 3.2    | 33.9  |

**Figures 1–5.** The general appearance and male palp of *Tegenaria bayrami* sp. n. 1 male, dorsal view 2 female, dorsal view 3 female prosoma, lateral view, showing long legs 4–5 male palp, ventral and retrolateral views respectively.
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Female. Total length 11.40. Prosoma: carapace 5.40 long, 4.00 wide. Carapace light yellow, with two longitudinal darkened bands (Figs 2–3), margins not darkened, scarce hairs present. Cephalic region: 2.40 wide, darker and separated from the thoracic region by a distinct, darkened line. PER: 1.17 wide. Diameter of PME: 0.20; PLE: 0.22; AME: 0.12; ALE: 0.22. Distance of PME–PME: 0.20; PME–AME: 0.25. Eye formula: ALE=PLE>PME>AME. Clypeus height (measured from bottom of AME): 0.42, clypeus height (measured from bottom of ALE): 0.40. Clypeus dark brown. Eye rows: AER slightly recurved, PER straight in dorsal view. Chelicerae: 2.50 long; 1.30 wide. Chelicerae brown. Gnathocoxae: 1.50 long; 0.90 wide. Labium: 0.90 long; 0.80 wide. Gnathocoxae and labium brown, labium slightly longer than wide. Sternum: 2.60 long; 2.40 wide. Sternum heart-shaped, pointed towards rear end, brown, with light median band and three pairs of sublateral round spots. Legs light brown, with dark annulations, densely covered by long hairs, plumose hairs present. Number of dorsal tarsal trichobothria on tarsi I and IV: 11, tarsi II and III: 10. Leg measurements are given in Table 1, and spine formulae in Table 2. Abdomen:

**Figures 6–10.** The male palp of *Tegenaria bayrami* sp. n. 6 ventral view 7 lateral view 8 dorsal view 9 entire palp, retrolateral view 10 tibia and tarsus, retrolateral view.
Table 2. Spination of legs and palps of *Tegenaria bayrami* sp. n. The formula gives the number of spines in the following order: dorsal – prolateral – retrolateral – ventral. The letter 'p' indicates a pair of spines that occur at this position.

|   | femur | patella | tibia | metatarsus | tarsus |
|---|-------|---------|-------|------------|--------|
| palp Paratype (female) | 2-1-1-0 | 2-0-0-0 | 2-2-0-0 | - | many |
| leg I Holotype (male) | 1-2-3-0 | 1-0-0-0 | 0-1-1-1 | 0-1-0-1p+1p+1p | 0-0-0-0 |
| Paratype (female) | 2-3-2-0 | 2-0-0-0 | 1-1-1-1 | 1-1-1-1p+1p+1p | 0-0-0-0 |
| leg II Holotype (male) | 2-3-2-0 | 1-0-0-0 | 1-2-1-1+1p | 0-2-1-1p+1p+1p | 0-0-0-0 |
| Paratype (female) | 2-3-2-0 | 1-0-0-0 | 1-2-0-1p+1p | 0-2-1-1p+1p+1p | 0-0-0-0 |
| leg III Holotype (male) | 2-2-2-0 | 1-0-0-0 | 1-2-1-1p+1p+1p | 1-3-3-1p+1+1+1p+1p | 0-0-0-0 |
| Paratype (female) | 4-5-4-0 | 1-0-0-0 | 1-2-1-1p+1p+1p | 1-4-4-1p+1+1+1p+1p | 0-0-0-0 |
| leg IV Holotype (male) | 2-2-3-0 | 1-0-0-0 | 1-2-2+1p+1p | 2-3-4-1+1+1+1p | 0-0-0-0 |
| Paratype (female) | 2-2-3-0 | 2-0-0-0 | 2-3-2-1p+1+1p | 2-3-4-1p+1+1p | 0-0-0-0 |

Figures 11–16. The epigyne and spermathecae of *Tegenaria bayrami* sp. n. 11 before maceration, ventral view 12 ditto, caudal view 13–14 after maceration, ventral and dorsal views 15 ditto, latero-dorsal view 16 ditto, dorsal view.

6.00 long, 4.10 wide; dorsum yellowish brown, with a reticulate patter of a series of transverse, thick black lines along the dorsal mid-line and sides (Fig. 2). Venter pale brown, with many short hairs and longitudinal black bars between the epigastric furrow and spinnerets.
Epigyne and spermathecae as in Figs 11–16. Fovea absent, median plate square-shaped; copulatory openings almost invisible on intact epigyne, but readily visible following hair removal. Insemination duct short, spermathecae almost round.

**Habitat.** The new species was collected from damp places of rocky areas along the River Köprüçay (Köprüli Canyon, Antalya). The canyon is located on the lower slopes of the West Taurus Mountain ranges. Samples were collected from their big funnel webs during the day. The collection of a male in copula with a female clearly suggests that both sexes described here are conspecific.

**Distribution.** Turkey, known only from the type locality (Fig. 20).

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**Checklist of *Tegenaria* species known from Turkey**

Figs 17–20

1. *Tegenaria agnolettii* Brignoli, 1978

   **Fig. 20**

   *Tegenaria agnolettii* Brignoli, 1978a: 44, fig. 7 (known from female only).

   **General distribution:** Turkey.

   **Distribution in Turkey:** Antalya Province: Döşemealtı District, Mustanini Cave (Brignoli 1978a).

2. *Tegenaria agrestis* (Walckenaer, 1802)

   **Fig. 17**

   For a complete list of references see Platnick (2010).

   **General distribution:** Europe to Central Asia, USA and Canada.

   **Distribution in Turkey:** Anatolia, no exact locality. It was reported from Turkey by Caporiacco (1935) only. It is likely that this record is the result of a misidentification.

3. *Tegenaria atrica* C.L. Koch, 1843

   **Fig. 18**

   For a complete list of references see Platnick (2010).

   **General distribution:** Europe, introduced to North America.

   **Distribution in Turkey:** İstanbul Province: Şile District; Kayseri Province: Yeşilhisar District, Harmankaya Cave (Roewer 1959). It is likely that this species was misidentified from Turkish specimens and probably does not occur in the country.
4. *Tegenaria averni* Brignoli, 1978

Fig. 20

*Tegenaria averni* Brignoli, 1978a: 50, fig. 10 (known from female only).

**General distribution:** Turkey.

**Distribution in Turkey:** Mersin Province: Silifke District, Cennet Cave (Brignoli 1978a).

5. *Tegenaria bayrami* sp. n.

Fig. 20

**General distribution:** Turkey only.

**Distribution in Turkey:** Antalya Province: Manavgat District, Beşkonak Village, Köprülü Canyon.

6. *Tegenaria bithyniae* Brignoli, 1978

Fig. 19

*Tegenaria bithyniae* Brignoli, 1978b: 515, fig. 97 (known from female only).

**General distribution:** Bulgaria and Turkey.

**Distribution in Turkey:** Bolu Province: Abant (Brignoli 1978b).
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7. *Tegenaria comnena* Brignoli, 1978
   Fig. 20

*Tegenaria comnena* Brignoli, 1978b: 520, fig. 108 (known from female only).

**General distribution:** Turkey.

**Distribution in Turkey:** Trabzon Province: Maçka District, Sümela Monastery (Brignoli 1978b).

8. *Tegenaria cottarellii* Brignoli, 1978
   Fig. 20

*Tegenaria cottarellii* Brignoli, 1978b: 523, fig. 106 (known from female only).

**General distribution:** Turkey.

**Distribution in Turkey:** Rize Province: Kalkandere District; Artvin Province: Borçka District (Brignoli 1978b).

9. *Tegenaria domestica* (Clerck, 1757)
   Fig. 17

For a complete list of references see Platnick (2010).

**General distribution:** Cosmopolitan, synanthropic in most places.

**Distribution in Turkey:** Hatay Province: Narlıca Town, Narlıca Cave; Urfa Province; Mardin Province: Midyat District, a hill near Derömer Area (Roewer 1959); Kırıkkale Province (Bayram et al. 2005).
10. *Tegenaria elysii* Brignoli, 1978

Fig. 20

*Tegenaria elysii* Brignoli, 1978a: 49, fig. 9 (known from female only).

**General distribution:** Turkey.

**Distribution in Turkey:** Mersin Province: Silifke District, Dilek Cave and Cennet Cave (Brignoli 1978a).

11. *Tegenaria faniapollinis* Brignoli, 1978

Fig. 20

*Tegenaria faniapollinis* Brignoli, 1978a: 50, fig. 13 (known from female only).

**General distribution:** Turkey.

**Distribution in Turkey:** Hatay Province: Harbiye Town, Harbiye Cave (Brignoli 1978a).

12. *Tegenaria forestieroi* Brignoli, 1978

Fig. 20

*Tegenaria forestieroi* Brignoli, 1978a: 45, fig.12 (known from female only)

**General distribution:** Turkey.

**Distribution in Turkey:** Konya Province: Beyşehir District, Kurucuova Village (Asarini Cave and İnönüini Cave); Seydişehir District (Ferzene Cave and fossile sink-
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11. Tegenaria hamid Brignoli, 1978
Fig. 20

*Tegenaria hamid* Brignoli 1978b: 515, fig. 96 (known from female only).

**General distribution:** Turkey.

**Distribution in Turkey:** Isparta Province: Eğirdir District (Brignoli 1978b).

13. Tegenaria karaman Brignoli, 1978
Fig. 20

*Tegenaria karaman* Brignoli, 1978a: 48, fig. 8, (known from female only).

**General distribution:** Turkey.

**Distribution in Turkey:** Konya Province: Seydişehir District, Ferzene Cave (Brignoli 1978a).
15. *Tegenaria longimana* Simon, 1898
Fig. 19

For a complete list of references see Platnick (2010).

**General distribution:** Turkey, Georgia and Russia.

**Distribution in Turkey:** Rize Province: Fındıklı District (50 km NE of Rize, towards Hopa); Artvin Province: Hopa District; Trabzon Province: Maçka District, Altundere Village, Sümela Monastery (Brignoli, 1978b).

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16. *Tegenaria mamikonian* Brignoli, 1978
Fig. 20

*Tegenaria mamikonian* Brignoli, 1978b: 520, fig. 104 (known from female only).

**General distribution:** Turkey.

**Distribution in Turkey:** Artvin Province: Yalnızçam Pass (Brignoli 1978b).

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17. *Tegenaria melbae* Brignoli, 1972
Fig. 20

*Tegenaria melbae* Brignoli, 1972: 171, Figs 19–20 (known from female only).

**General distribution:** Turkey.

**Distribution in Turkey:** Diyarbakır Province: Lice Province, Korkha Cave (Brignoli 1972).

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18. *Tegenaria parietina* (Fourcroy, 1785)
Fig. 17

For a complete list of references see Platnick (2010).

**General distribution:** Europe, North Africa to Central Asia, Uruguay and Argentina.

**Distribution in Turkey:** İstanbul Province (Pavesi 1876; Karol 1966); Ankara Province (Karol 1966); Mersin Province: Tarsus District, Gülek Town (Topçu et al. 2006), Bursa Province: Görükle Campus (Kaya and Uğurtaş 2007)

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19. *Tegenaria percuriosa* Brignoli, 1972
Fig. 20

For a complete list of references see Platnick (2010).

**General distribution:** Turkey.
Distribution in Turkey: Isparta Province: Aksu District, Anamas Plateau, Zindan Cave (Brignoli 1972, 1978a; Gasparo 2007) and Barla (Brignoli, 1978a); Konya Province: Beyşehir, Hacı Akif Cave (Brignoli, 1978a); Bolu Province: Abant (Brignoli 1978b); Sivas Province: Çamlıbel Pass (Brignoli, 1978b); Ankara Province: Kızılcahamam District (Brignoli, 1978b) and Antalya Province: Alanya District, Dim Cave (Kunt et al. 2008)

20. Tegenaria rhodiensis Caporiacco, 1948
Fig. 19

Tegenaria rhodiensis Brignoli, 1978b: 513, Figs 90–93.

General distribution: Rhodes and Turkey.

Distribution in Turkey: Konya Province: Beyşehir District, Beyşehir Lake, Island of Hacı Akif; Isparta Province: Eğirdir District (Brignoli 1978b).

21. Tegenaria tekke Brignoli, 1978
Fig. 20

Tegenaria tekke Brignoli, 1978b: 516, fig. 98 (known from female only).

General distribution: Turkey.

Distribution in Turkey: Antalya Province: Around Kaş District (Brignoli 1978b).

22. Tegenaria vignai Brignoli, 1978
Fig. 20

Tegenaria vignai Brignoli 1978b: 524, Figs 110–112, 114.

General distribution: Turkey.

Distribution in Turkey: Artvin Province: Borçka District (Brignoli 1978b).

23. Tegenaria xenophontis Brignoli, 1978
Fig. 20

Tegenaria xenophontis Brignoli, 1978b: 522, Figs 103, 105 (known from female only).

General distribution: Turkey.

Distribution in Turkey: Trabzon Province: Maçka District (Sümela Monastery) and Zigana Pass (Brignoli 1978b).
Discussion

Twenty-three *Tegenaria* species have now been reported from Turkey, including the newly described species. Only four of them (*T. agrestis, T. atrica, T. domestica* and *T. parietina*) have broad distribution ranges, whereas 16 species are endemic to Turkey. Among the species restricted to Turkey or to the eastern Mediterranean, 14 are known exclusively from females and only four species are known from both sexes. All species known from only one sex were described by Brignoli (1972; 1978 a,b). Reasoning from the illustrations of Brignoli (1972; 1978 a,b) and knowing that the epigyne of *Tegenaria* is rather simple, it can be assumed that some of Brignoli’s species names will be synonymized in the future. Nevertheless, the diversity of *Tegenaria* in Turkey is very high compared to other regions. The Turkish fauna includes more species than some well studied and species-rich countries as Italy and Spain (15 species of *Tegenaria* in each) (Helsdingen 2009). Neighbouring Bulgaria has only 12 species reported (Deltshev 1995). Of course, it is possible that some of the species known from females may belong to the closely related genus *Malthonica* (*sensu* Guseinov et al. 2005). If one compares the species diversity of the genera *Tegenaria* and *Malthonica*, the species richness of both in Turkey (31 species) is higher than in other countries: 27 in continental Italy, 23 in Bulgaria and France, and 22 in Spain.

Although the currently known diversity of *Tegenaria* and *Malthonica* in Turkey is already extraordinarily high, the actual diversity may be even higher. Many caves, a favourite habitat for *Tegenaria*, have never been studied or sampled for spiders in Turkey. Therefore, we expect that more new species will be found in the future.

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References

Bayram A, Danışman T, Yeşilyurt F, Çorak İ, Ünal M (2005) Kırıkkale ilinin araneo-faunası üzerine (Arthropoda: Arachnida). Ekoloji Çevre Dergisi 14 (56): 1–8.
Bayram A, Kunt KB, Danışman T (2010) The Checklist of the Spiders of Turkey. Version 08.1.0. http://www.spidersofturkey.com [accessed 26.IV.2010]
A new species of Tegenaria Latreille, 1804 (Araneae, Agelenidae) from Turkey

Bolzern A (2007) Zweitnachweis von Tegenaria mirifica Thaler, 1987 (Araneae, Agelenidae) für die Schweiz – oder die Wichtigkeit von präzisen Fundortsangaben. Mitteilungen der Entomologischen Gesellschaft Basel 57(1): 22–28.

Bolzern A, Hänggi A, Burckhardt D (2008) Funnel web spiders from Sardinia: Taxonomical notes on some Tegenaria and Malthonica spp. (Araneae: Agelenidae). Revue Suisse de Zoologie 115: 759–778.

Bolzern A, Crespo L, Cardoso P (2009) Two new Tegenaria species (Araneae: Agelenidae) from Portugal. Zootaxa 2068: 47–58.

Brignoli PM (1972) Terzo contributo alla conoscenza dei ragni cavernicoli di Turchia (Araneae). Fragmenta Entomologica 8: 161–190.

Brignoli PM (1978a) Ragni di Turchia IV. Leptonetidae, Dysderidae ed Agelenidae nuovi o interessanti di grotte della Turchia meridionale (Araneae). Quaderni del Museo di Speleologia 3: 37–54.

Brignoli PM (1978b) Ragni di Turchia V. Specie nuove o interessanti, cavernicole ed epigeo, di varie famiglie (Araneae). Revue Suisse de Zoologie 85: 461–541.

Caporiacco L di (1935) Escursione del Prof. Nello Beccari in Anatolia. Aracnidi. Monitore Zoologico Italiano, Firenze 46: 283–289.

Deltshev C (1995) A review of family Agelenidae (Araneae) in Bulgaria. Taxonomic, faunistic and zoogeographical analysis. European Journal of Entomology 92: 581–588.

Gasparo F (2007) Note su Tegenaria percuriosa Brignoli, 1972, con descrizione del maschio (Araneae, Agelenidae). Atti Memorie Commissione Grotte “E. Boegan” 41: 95–103.

Gertsch WJ (1971) A report on some Mexican cave spiders. Association for Mexican Cave Studies Bulletin 4: 47–111.

Guseinov EF , Marusik YM, Koponen S (2005) Spiders (Arachnida: Aranei) of Azerbaijan 5. Faunistic review of the funnel-web spiders (Agelenidae) with the description of a new genus and species. Arthropoda Selecta 14: 153–177.

Helsdingen P (2009) Fauna Europaea: Araneae. Fauna Europaea. http://www.faunaeur.org [accessed 26.IV.2010]

Karol S (1966) Spiders of Ankara and environs with a description of a new species Xysticus turcicus (Araneae, Thomisidae). Communications Faculty of Sciences, University of Ankara 11 (C): 15–32.

Kaya RS, Uğurtaş İH (2007). A Study on Araneo-Fauna (Arachnida: Araneae) of Görükle Campus Area (Bursa). Journal of Biological & Environmental Sciences 1: 81–86.

Kunt KB, Yaşmur EA, Elverici M (2008) The cave dwelling arthropods of Dim cave (Turkey: Antalya: Alanya). Munis Entomology & Zoology 3(2): 682–690.

Levy G (1996) The agelenid funnel-weaver family and the spider genus Cedicus in Israel (Araneae, Agelenidae and Cybaeidae). Zoologica Scripta 25: 85–122.

Pavesi P (1876) Gli Arachnidi Turchi. Atti della Societa Italiana di Scienze Naturali 19(1): 50–74.

Platnick NI (2010) The world spider catalog, version 10.5. American Museum of Natural History. http://research.amnh.org/entomology/spiders/catalog/index.html [accessed 26.IV.2010]

Roewer CF (1959) Die Araneae, Solifuga und Opiliones der Sammlungen des Herrn Dr. K. Lindberg aus Griechenland, Creta, Anatolien, Iran und Indien. Göteborgs Kungl. Vetenskaps-och Vitterhets-Samhälles Handlingar 8(4): 1–47.
Roth VD (1968) The spider genus *Tegenaria* in the Western Hemisphere (Agelenidae). American Museum Novitates 2323: 1–33.

Topçu A, Demir H, Seyyar O, Türkş T (2006) The spider fauna of the Gülek Pass (Turkey) and its environs (Araneae). Acta Zoologica Bulgarica 1: 287–295.