

**SOME ADDITIONAL NOTES ON
THE GENUS *OCYPUS* STEPHENS IN TURKEY
(COLEOPTERA: STAPHYLINIDAE: STAPHYLININAE)**

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ABSTRACT: In this study, 10 species of the genus *Ocypus* were reported from different parts of Turkey. Many new localities have been found for some species which have already been reported in Turkey. *Ocypus curtippennis* (Motschulsky, 1849), *O. exicus* (Müller, 1950) and *O. mus* (Brullé, 1932) are found the most common and abundant species in this country.

KEY WORDS: Staphylinidae, Staphylininae, *Ocypus*, Turkey

According to recent contributions, nearly 1900 species of the family Staphylinidae are distributed from Turkey, 350 of them are belonging to the subfamily Staphylininae. (Anlaş, 2007, 2009; Abacıgil et al., 2013; Schülke & Smetana, 2015; Fırat & Sert, 2016).

The genus *Ocypus* Leach, 1819 contains more than 160 species in the Palaearctic region (Schülke & Smetana, 2015), 35 of which occur in Turkey (Anlaş, 2009).

Distribution of the Turkish *Ocypus* species are still poorly studied. The aim of this study is to enhance scientific knowledge on the distribution of Turkish *Ocypus*.

MATERIAL AND METHODS

The present paper is based primarily on material collected in different parts of Turkey by using different collection methods in 2006-2011. Material is deposited in the private collection of the first author. Classification and nomenclature of the *Ocypus* suggested by Herman (2001) and Smetana (2004) has been followed in this study.

The specimens of *Ocypus* were collected from fields in different parts of Turkey, between 2006-2011. Classification and nomenclature of the genus *Ocypus* suggested by Herman (2001), Anlaş (2009) and Schülke & Smetana (2015) have been followed in this study. The reference specimens of this study are deposited in the collection of the Alaşehir Zoological Museum, Manisa (AZMM) of the Celal Bayar University and in the private collection of the first author.

RESULTS

Ocypus curtippennis Motschulsky, 1849

Material examined: Bursa: 2 exs., 08.VI.2007, Uludağ, Aynalı lake, leg. Koç (AZMM).

Diyarbakır: 4 exs., 01.III.2008, Çermik 4 km S, 38°07'11"N, 39°27'43"E, leg. Özgen (cOzg).

Elazığ: 4 exs., 30. X.2010, Central province, Doğukent, 38°40'50"N, 39°15'42"E, 1080m,

leg. Özgen (cOzg). **Gaziantep:** 3 exs., 22.III.2008, Gaziantep University campus, 37°02'10"N 37°18'23"E, leg Yağmur (AZMM); 3 exs., 19.XI.2006, İslahiye, Kabaklar village 1 km S, 37°02'09"N, 36°34'39"E, leg. Yağmur (AZMM); 2 exs., 01.X.2009, Oğuzeli leg Yağmur (AZMM); 3 exs., 12.XI.2010, Şahinbey, Sarısalkım, leg. Yağmur (AZMM); 1 ex., 17.XI.2010, Şahinbey, Sarısalkım, leg. Yağmur (AZMM). **Hatay:** 3 exs., 15.XI.2010, Hassa, Zeytinoba, village, leg.Yağmur (AZMM). **İzmir:** 2 exs., 28.V.2010, Buca, Kaynaklar, 38°21'43"N, 27°17'19"E, 365m, leg. Anlaş (AZMM); 3 exs., 30.X.2010, Buca, Kaynaklar, leg. Anlaş (AZMM). **Kahramanmaraş:** 2 ex, 01.VIII.2010 Türkoğlu, Narlı 5 km N, 37°19'12"N, 37°10'13"E, 777 m, leg. Anlaş (AZMM). **Kırklareli:** 3 exs., 12.IV.2008, Vize, Kıyı village, Selvez, leg. Kunt (AZMM); 2 exs., 01.X.2009, Demirköy, Dupnisa-Sarpdere road, leg. Kunt (AZMM); 1 ex., (Date unknown), Demirköy, Sarpdere village, leg. Kunt (AZMM). **Kilis:** 2 exs., 01.X.2009, Polatlı road 2 km S, 36°46'06"N, 37°04'17"E, leg.Yağmur (AZMM). **Manisa:** 2 exs., 28.VIII.2007, Gölmarmara, Akpınar, 1 km E, 38°42'15"N, 27°58'56"E, 67m, leg. Anlaş (AZMM); 2 exs., 12.XI.2006, Turgutlu, Çıkrıkçı-Bakırlı road, leg. Anlaş (AZMM); 3 exs., 01.XI.2010, Gölmarmara, Beyler 1 km NE, 38°42'10"N, 27°58'56"E, 120m, leg. Anlaş (AZMM).

Distribution in Turkey: Bolu, Elazığ, Giresun, İzmir, Mardin, Manisa (Anlaş, 2009; Özgen & Anlaş 2010). First record of the European part of Turkey.

Ocypus excisus (G. Müller, 1950)

Material examined: **Adıyaman:** 2 exs., 18.III.2007, Gölbaşı, Kösiklü, leg Yağmur (AZMM). **Diyarbakır:** 4 exs., 25.V.2011, Çınar, leg. Özgen (cOzg). **Gaziantep:** 1 ex., 31.III.2007 Şehitkamil, Kartalyücesi mts., 37°04'08"N, 36°55'04"E, leg.Yağmur (AZMM); 1 ex., 13.XI.2010, Nizip, Bilek village, 10 km W, leg Yağmur (AZMM); 4 exs., 17.III.2007 Center, Şahinbey, Sofalıcı village, Sof mts., 37°08'42"N, 37°07'44"E, leg. Yağmur (AZMM); 2 exs., 13.XI.2010 Sof mts, leg Yağmur (AZMM); 1 ex., 18.III.2007 Şahinbey, Ozanlı village, S of Burç village, leg.Yağmur (AZMM); 2 exs., 12.XI.2010, Sarısalkım, leg. Yağmur (AZMM); **Kilis:** 3 exs., 11.III.2007, Elbeyli, Çanak village 1 km W, leg Yağmur (AZMM). **Manisa:** 1 ex., (Date unknown), Spil mts, national Park, 1200 m, leg. Anlaş (AZMM); 3 exs., 17.V.2007, Soma, Hamidiye, 39°16'33"N, 27°45'50"E, 827m, leg. Anlaş (AZMM); 1 ex., 28.III.2008, Gördes, Karaağaç village, leg. Anlaş (AZMM). **Şanlıurfa:** 3 exs., 24.XII.2006, Central province, Tektek mts., 36°49'55"N, 39°12'08"E, 426m, leg. Koç (AZMM); 2 exs., 24.XII.2006, Central province, Tektek mts, 36°49'50"N, 39°12'13"E, 462m, leg. Koç (AZMM); 2 exs., 18.III.2007, Birecik 10 km E, Arat mts., leg. Yağmur (AZMM); 3 exs., 23.III.2008, Birecik, Çiçekalan village 2 km N, Karadağ mts., leg Yağmur (AZMM); 1 ex, 23.XII.2006, Birecik 10 km N, Arat mts., leg. Yağmur (AZMM); 1 ex., 11.IV.2008, Siverek, Güvercin village, 37°51'54"N, 39°17'41"E, 820m, leg. Yağmur (AZMM).

Distribution in Turkey: *Ocypus excisus* is known from Turkey but without precise locality (Anlaş, 2009). Thus, this species is here reported for the first time with the precise locality informations for Turkish fauna.

Ocypus fulvipennis Erichson, 1840

Material examined: **Erzincan:** 4 exs., 16.V.2011, Central province, Ahmetli, 39°53'55"N, 39°23'33"E, 1914m, leg. Khachikov & Özgen (AZMM, cOzg).

Distribution in Turkey: Ankara, Bayburt, Bolu, Giresun, İzmir, Manisa, Sakarya (Anlaş, 2009; Assing, 2013; Firat & Sert, 2016). First record for Eastern Anatolia Region.

Ocypus helleni G. Müller, 1926

Material examined: **Diyarbakır:** 4 exs., 14.IV.2010, Silvan 3 km N, Köçek mts., 38°11'21"N, 41°00'30"E, 1185m, leg. Özgen (cOzg). **Hakkari:** 1 ex., 19.V.2010, Çukurca 1 km, leg. Yağmur (AZMM). **Muş:** 2 exs., 30.V.2011, Buglan, leg. Khachikov (AZMM).

Distribution in Turkey: Ankara, Ardahan, Elazığ, Erzurum, Eskişehir, Kayseri, Konya (Anlaş, 2009; Kesdek et al, 2009; Özgen et al., 2015; Firat & Sert, 2016). First record for Southeastern Anatolia Region.

Ocypus mus (Brullé, 1832)

Material examined: **Balıkesir:** 2 exs., 30.X.2009, Altınoluk, Adatepe, 29°34'24"N, 26°37'18"E, 300m, leg. Anlaş (AZMM). **Bursa:** 2 exs., 25.IX.2010, Uludağ, Bayraklı, leg. Kunt (AZMM). **Diyarbakır:** 5 exs, 26.V.2011, Çınar, leg. Özgen (cOzg). **Eskişehir:** 2 exs.,

10.XI.2010, Meşelik, pitfall traps, leg. Kunt (AZMM). **Gaziantep:** 3 exs., 25.V.2007, Şehitkamil, Sofahcı 5 km SW, 37°07'44"N, 37°05'13"E, leg. Anlaş (AZMM); 1 ex., 18.XI.2006, Nizip, Bilek village 10 km W, , leg. Yağmur (AZMM); 4 exs. 18.XI.2006, Nizip, Bilek village 10 km W, leg. Yağmur (AZMM); 3 exs., 18.XI.2006, Islahiye, Fevzipaşa, 37°06'10"N, 36°38'59"E, leg. Yağmur (AZMM). **Hatay:** 4 exs., 01.X.2009, Hassa, Koruhöyük village 5 km E, 36°48'54"N, 36°36'43"E, leg. Yağmur (AZMM); 3 exs, 15.XI..2010, Yayladağı, Leylekli 2 km, leg. Yağmur (AZMM). **İzmir:** 2 exs., 28.V.2010, Buca, Kaynaklar, leg. Anlaş (AZMM); 2 exs., 04.V.2010, Buca, Kaynaklar, leg. Yağmur (AZMM); 1ex., 11.XII.2010, Buca, Kaynaklar, leg. Anlaş (AZMM); 2 exs., 03.IV.2010, Buca, Kaynaklar, leg. Anlaş (AZMM); 3 exs., 08.V.2010, Ödemiş, Bozdağlar, road to ski resort, ca. 38°21'26"N, 28°06'52"E, 1600m, leg. Anlaş (AZMM); 4 exs, 02.III.2008, Bozdağ, 2500m, leg. Anlaş (AZMM); 3 exs., 21.V.2006, Torbalı, Orman village, leg. Anlaş (AZMM); 1 ex., 31.XII.2009 Bozdağ, 2500m, leg. Anlaş (AZMM). **Kahramanmaraş:** 1 ex., 19.XII.2009, Pazarcık, Çınar village 2 km N, 37°29'49"N, 37°20'25"E, leg. Yağmur (AZMM); 2 exs., 15.XI.2010, Narlı 3 km. N, 37°19'33"N, 37°09'38"E, 696m, leg. Yağmur (AZMM). **Kırklareli:** 1ex, 03.X.2009, Demirköy, Dupnisa-Sarpdere road, leg. Kunt (AZMM); 4 exs., 24.XII.2006, Demirköy, leg. Kunt (AZMM). **Manisa:** 1 ex., 21.X.2006, Alaşehir, Azıtepe, 700m, leg. Anlaş (AZMM), 1ex., 27.IX.2008, Spil National Park, ca. 38°33'06"N, 27°23'42"E, 1000m, leg. Anlaş (AZMM); 2 exs., 21.V.2006, Turgutlu, Çıkrıkçı-Baktırlı road, leg. Anlaş (AZMM); 1 ex., 31.III..2007, Kula, Sarnıçköy. leg. Anlaş (AZMM); 1 ex., 28.III.2007, Saruhanlı, Bedeller village, leg. Anlaş (AZMM); 1 ex., 15.II.2008, İzmir border, leg. Anlaş (AZMM); 1 ex., 08.III.2008, Ahmetli, Derici village, leg. Anlaş (AZMM). **Mardin:** 2 exs, 30.I.2008, Yeşilli, leg. Özgen (cOzg).

Distribution of Turkey: This species is widespread in Turkey (Anlaş, 2009, Anlaş & Rose, 2009; Japoshvili & Anlaş, 2011; Abacıgil et al., 2013; Assing, 2013; Çiftçi & Hasbenli, 2016; Fırat & Sert, 2016).

***Ocyopus nitens* (Schrank, 1781)**

Material examined: **Kırklareli:** 4 exs., 03.X.2009, Demirköy, leg. Kunt (AZMM).

Distribution in Turkey: Balıkesir (Anlaş, 2009; Abacıgil et al, 2013). First record of the European part of Turkey.

***Ocyopus olens* (O. Müller, 1764)**

Material examined: **Gaziantep:** 2 exs., 12.XI.2010, Sakçagözü Hill, 1008m, leg. Yağmur (AZMM).

Distribution in Turkey: İzmir, Manisa, Mersin, (Anlaş, 2009). First record for Southeastern Anatolia Region.

***Ocyopus orientis* Smetana & Davies, 2000**

Material examined: **Gaziantep:** 6 exs., 18.XI.2010, Islahiye, Kabaklar, leg. Yağmur (AZMM). **Muş:** 2 exs., 30.V.2011, Buglan, leg. Kasatkin & Khachikov (AZMM).

Distribution of Turkey: Balıkesir, Bursa, Isparta, İzmir, Manisa (Anlaş, 2009; Anlaş & Rose, 2009; Japoshvili & Anlaş, 2011; Abacıgil et al., 2013). First record for Eastern and Southeastern Anatolia Regions.

***Ocyopus picipennis picipennis* (Fabricius, 1793)**

Material examined: **Diyarbakır:** 2 exs., 25.V.2011, Çınar, leg. Özgen (cOzg). **Gümüşhane:** 7 exs., 16.V.2011, Kelkit, Çimenli, 39°58'06"N, 39°22'48"E, 1689 m, leg. Özgen & Anlaş (AZMM).

Distribution in Turkey: This species is widespread in Turkey (Anlaş, 2009; Fırat & Sert, 2016).

***Ocyopus sericeicollis* (Ménétriés, 1832)**

Material examined: **Adıyaman:** 3 exs., 05.IV.2008, Gölbaşı, Karakuyu village, 1 km W, 37°41'52"N, 37°38'14"E, 1210m, leg. Yağmur (AZMM). **Diyarbakır:** 3 exs, 17.XI.2010, Eğil, Kalkan, leg., Özgen (cOzg). **Eskişehir:** 2 exs., 10.XI.2010, Sivrihisar, pitfall traps, leg. Kunt (AZMM). **Gaziantep:** 2 exs., 12.V.2007, Islahiye, Fevzipaşa, 37°06'10"N, 36°38'59"E, leg. Yağmur (AZMM); 6 exs., 13.XI.2010, Şahinbey, Kartal 1 km. S, leg. Yağmur (AZMM). **Hatay:** 3 exs., 28.III.2007, Hassa 4 km N 36°09'13"N, 36°32'09"E, leg. Yağmur (AZMM),

İzmir: 2 exs., 02.III.2008, Karaburun, Hasseki, 38°38'17"N, 26°24'13"E, 415m, leg. Anlaş (AZMM); 1 ex., 15.II.2008, Bozdağ, 2500 m, leg. Anlaş & Yağmur (AZMM). **Kahramanmaraş:** 1 ex, 2007, Pazarcık, Çınar village 2 km N, 37°29'49"N, 37°20'25"E, leg. Yağmur (AZMM). **Şanlıurfa:** 1 ex., 29.III.2008, Halfeti 2 km S, 37°14'23"N, 37°52'35"E, leg. Yağmur (AZMM); 5 exs., 16.XI.2010, Diyarbakır vicinity, 37°49'12"N, 39°38'01"E, 1103m, leg. Özgen (cOzg). **Şırnak:** 2 exs., 08.III.2008, Dicle river 4 km W, Yalıntepe village, leg. Özgen (cOzg).

Distribution of Turkey: This species is widespread in Turkey (Anlaş, 2009; Fırat & Sert, 2016).

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