

## ADDITIONAL RECORDS FOR THE ODONATA FAUNA OF EAST MEDITERRANEAN REGION OF TURKEY

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**ABSTRACT:** In this study, odonatan specimens collected from the provinces Mersin, Adana, Hatay, Kahramanmaraş and Osmaniye in East Mediterranean region of Turkey, July-September in 2002 and April-August in 2003 have been established faunistically. It has been determined that they belong to 52 species and subspecies of 25 genera of 9 families. It discovered that *Ichnura intermedia* is a new record for fauna of the research area.

**KEY WORDS:** Odonata, Additional records, East Mediterranean region, Turkey

There have been many studies reported about the Odonata fauna of Turkey until now. Among these Demirsoy (1982) and Demirsoy (1995) (unpublished project report) were the detailed ones. The research area was studied by Ardiç & Uygun at 1996 as a presentation called "Doğu Akdeniz Bölgesi Odonata faunasının saptanması". They reported that 43 species belonging to Odonata had been determined. Materials belonging to Ardiç and Uygun are stored at the museum of Çukurova University Faculty of Agriculture, Plant Protection Department. As a result of a careful investigation on the samples of the museum, it mistakes were determined in the identification of some species. Wrong identifications and the correct ones were given at the end of the present study (Table 1).

All samples were collected from the East Mediterranean region of Turkey (Fig. 1) in the years of 2002-2003 and they were collected by using a net trap and having been killed in the killing jars vapour of ethyl acetate. These samples are deposited in Zoological Museum of Gazi University (=ZMGU).

### Family CALOPTERYGIDAE

#### *Calopteryx splendens splendens* (Harris, 1782)

**Materials:** Kahramanmaraş: 1 male, Tanır (Hurman stream), 38°25'N 36°55'E, 1248 m, 26.07.2003.

#### *Calopteryx splendens intermedia* Sélys, 1887

**Materials:** Adana: 1 female, Karaisalı (Salbaş village, Üçürge brook), 37°08'N 35°08'E, 98 m, 18.07.2002; 1 male, Karaisalı (Topaktaş, Körkün stream), 37°09'N 35°09'E, 104 m, 18.07.2002; 2 males, 1 female, Feke (Tufanbeyli road, Göksu river), 37°51'N 35°58'E, 661 m, 19.08.2002; 3 males, Saimbeyli (Tırtat, Göksu river), 37°52'N 36°00'E, 635 m, 19.08.2002; 1 male, Aladağ (Eyner, Small stream), 37°24'N 35°27'E, 250 m, 18.05.2003; 1 male, 2 females, Ceyhan (Karaçay), 37°03'N 35°57'E, 44 m, 16.05.2003; 1 male, Karaisalı (Kuzgun village), 37°09'N 35°05'E, 162 m, 18.05.2003; 4 males, 2 females, Karaisalı (Güvenç village), 37°12'N 35°05'E, 170 m, 18.05.2003; 1 male Karaisalı (Hacılı, Körkün stream), 37°17'N 35°19'E, 278 m, 18.05.2003; 1 male, Aladağ (Kahyalar), 37°17'N 35°23'E,

208 m, 18.05.2003; 1 male Aladağ (Eyner, Small stream), 37°24'N 35°27'E, 250 m, 18.05.2003; 1 male, Aladağ (Boztahta, Simit bridge), 37°23'N 35°26'E, 150 m, 05.06.2003; 1 male, Aladağ (Seyhan), 37°22'N 35°28'E, 158 m, 05.06.2003; 1 male, İmamoğlu-Kozan road (Tirmil brook), 37°20'N 35°45'E, 85 m, 05.06.2003; 1 male, Kozan (Horzum, Tersakan-Pınargözü brook), 37°39'N 35°51'E, 600 m, 05.06.2003; 1 male, Feki (Göksun bridge), 37°42'N 35°52'E, 05.06.2003; 1 male, Kozan (Horzum, Tersakan (Pınargözü) brook), 37°39'N 35°51'E, 600 m, 05.06.2003; 1 male, Kozan (Kayhan), 37°22'N 35°50'E, 82 m, 06.06.2003; 1 male, Tufanbeyli (Güzelim village, Güzelim brook), 38°07'N 36°10'E, 1430 m, 10.06.2003; 1 female, Adana, Aladağ (Büyüksöfulu), 37°32'N 35°09'E, 940 m, 29.07.2003; Hatay: 1 male, 1 female, İskenderun (Arsuz), 36°09'N 36°01'E, 520 m, 07.06.2003; 1 male, Samandağ (Karaçay, Büyükdere), 36°08'N 36°01'E, 500 m, 07.06.2003; 1 male, Narlıca, 36°15'N 36°15'E, 93 m, 08.06.2003; 3 males, Kırkhan'ın kuzeyi (Kamışlar village), 36°38'N 36°26'E, 105 m, 08.06.2003; 1 male, Hassa (Akbez), 36°50'N 36°32'E, 100 m, 08.06.2003; 2 males, Hassa (Akbez), 36°50'N 36°37'E, 105 m, 08.06.2003; 4 males, 1 female, Yayladağ (Çabala-Kızılçad road), 35°52'N 36°06'E, 440 m, 09.06.2003; 4 males, Yayladağ (Dağardı road), 35°52'N 36°06'E, 440 m, 09.06.2003; 4 males, Yayladağ (Dervent brook kolu), 35°53'N 36°01'E, 400 m, 09.06.2003; 4 males, Yayladağ, 35°53'N 36°00'E, 450 m, 09.06.2003; Kahramanmaraş: 4 males, 2 females, Andırın (Çatak mevkii, Andırın brook), 37°30'N 36°21'E, 545 m, 06.06.2003; 2 males, 1 female, Andırın (Çınar geçidi), 37°36'N 36°20'E, 1080 m, 06.06.2003; 3 females, Afşin (Yazdere, Hurman stream), 38°09'N 37°00'E, 1320 m, 10.06.2003; Mersin: 2 males, Tarsus (Keşbükü, Tarsus stream), 37°01'N 34°45'E, 139 m, 17.07.2002; 1 female, Silifke (Kapızlı), 36°23'N 34°02'E, 22 m, 19.05.2003; 1 male, eastern of Bozyazı, 36°06'N 33°00'E, 22 m, 03.06.2003; 1 male Bozyazı (Gözce), 36°09'N 33°10'E, 40 m, 03.06.2003; 2 males, 1 female, Bozyazı (between Gözce-Gözsüzce), 36°11'N 33°12'E, 115 m, 03.06.2003; 1 male, 2 females, Mut (Kışlaköy, Göksu river), 36°29'N 33°22'E, 200 m, 03.06.2003; 4 males, 1 female, Silifke (Kapızlı), 36°23'N 34°02'E, 24 m, 20.04.2003; 1 female, Tarsus (Keşbükü, Tarsus stream), 37°01'N 34°45'E, 139 m, 31.07.2003; Osmaniye: 1 male, Kadırlı (Akova), 37°20'N 35°57'E, 47 m, 06.06.2003.

### ***Calopteryx virgo festiva* (Brullé, 1832)**

**Materials:** Adana: 2 females, Saimbeyli (Saimbeyli brook, Ayçukuru), 37°57'N 36°04'E, 850 m, 19.08.2002; 1 female, Kozan (Horzum, Tersakan-Pınargözü brook), 37°39'N 35°51'E, 600 m, 05.06.2003; 2 males, Aladağ (Büyüksöfulu), 37°32'N 35°09'E, 940 m, 29.07.2003; Hatay: 1 male, Erzin (Başlamış village, Erzin ilçası), 36°57'N 36°15'E, 452 m, 19.07.2002; Kahramanmaraş: 1 female, Andırın (Çatak, Andırın brook), 37°30'N 36°21'E, 545 m, 06.06.2003; 1 male, Andırın (Kesik), 37°25'N 36°20'E, 1127 m, 06.06.2003; 1 male, 2 females, Andırın (Pakmaksızlar village), 37°39'N 36°21'E, 1183 m, 06.06.2003; 1 male, Sucağı, 37°45'N 36°41'E, 656 m, 10.06.2003; Mersin: 1 male, Anamur (Ormançık village, Alaköprü brook), 36°10'N 32°53'E, 107 m, 27.06.2002; Osmaniye: 2 males, Yarpuz (Haraz plateau), 29.07.2003; 4 males, Yarpuz Plateau, 29.07.2003.

### **Family EUPHAEIDAE**

#### ***Epallage fatime* (Charpentier, 1840)**

**Materials:** Adana: 1 male, 2 females, Pozantı, Gerdibi village civarı, 37°29'N 35°08'E, 954 m, 21.06.2002; 2 males, 1 female, Karaisalı (Güvenç village), 37°12'N 35°05'E, 170 m, 18.05.2003; 1 male, Karaisalı (Ömerli Village), 37°17'N 35°15'E, 191 m, 18.05.2003; 1 female, Aladağ (Kahyalar), 37°17'N 35°23'E, 208 m, 18.05.2003; 1 female, Aladağ (Topallı village, Çatalan dam), 37°19'N 35°23'E, 124 m, 18.05.2003; 1 male, Aladağ (Eyner, Small stream), 37°24'N 35°27'E, 250 m, 18.05.2003; 1 male, Aladağ (Boztahta, Simit bridge), 37°23'N 35°26'E, 150 m, 05.06.2003; 1 male, 1 female, Kozan (Kozan dam), 37°33'N 35°49'E, 340 m, 05.06.2003; 1 male, 1 female, Kozan (Horzum, Tersakan -Pınargözü brook), 37°39'N 35°51'E, 600 m, 05.06.2003; 1 male, 1 female, Feki (Göksun bridge), 37°42'N 35°52'E, 05.06.2003; 1 male, Aladağ (Kıcak), 37°35'N 35°14'E, 1075 m, 29.07.2003; Hatay: 1 female, Yayladağ (Çalı boğazı), 35°52'N 36°05'E, 496 m, 09.06.2003; 3 males, 1 female, Yayladağ (Çabala-Kızılçad road), 35°52'N 36°06'E, 440 m, 09.06.2003; 3 males, Hatay, Yayladağ (Dağardı road), 35°52'N 36°06'E, 440 m, 09.06.2003; 3 males, Yayladağ (race of Dervent brook), 35°53'N 36°01'E, 400 m, 09.06.2003; 3 males, Yayladağ, 35°53'N 36°00'E, 450 m, 09.06.2003; 1 female, Samandağ (between Tomruk-Çevlik),

36°15'N 35°49'E, 35 m, 16.04.2003; 1 female, Samandağ (between Tomruk-Çevlik) 36°14'N 35°50'E, 34 m, 16.04.2003; Kahramanmaraş: 1 female, Andırın (Kesim), 37°25'N 36°14'E, 200 m, 19.07.2002; 3 males, 1 female, Andırın (Çatak, Andırın brook), 37°30'N 36°21'E, 545 m, 06.06.2003; 1 female, Andırın (Çınar geçidi), 37°36'N 36°20'E, 1080 m, 06.06.2003; 3 females, Bulutoğlu, 37°38'N 36°41'E, 520 m, 10.06.2003; Mersin: 1 male, 1 female, Tarsus (Sandal village, Söğütlü plateau), 565 m, 37°09'N 34°48'E, 17.07.2002; 1 male, Bozyazı (Gözce), 36°09'N 33°10'E, 40 m, 03.06.2003; 6 males, 2 females, Bozyazı (Gözsüzce), 36°11'N 33°12'E, 115 m, 03.06.2003; 2 males, Aydıncık (Gülнар road), 36°10'N 33°21'E, 30 m, 03.06.2003; 1 female, Aydıncık (Bozağaç-Gülнар road, Menekşe brook), 36°16'N 33°23'E 680 m, 03.06.2003; 1 male, Mut (Kışlaköy, Gökсу river), 36°29'N 33°22'E, 200 m, 03.06.2003; 2 males, Çamlıyayla (Kurtçukuru), 37°10'N 34°45'E, 581 m, 30.07.2003; Osmaniye: 2 males, Kadirli (Akova), 37°20'N 35°57'E, 47 m, 06.06.2003.

## Family LESTIDAE

### *Lestes macrostigma* (Eversmann, 1836)

**Materials:** Adana: 5 females, Karataş (Bahçeköy), 36°35'N 35°25'E, 2 m, 17.05.2003; 3 females, Karataş (Bahçeköy), 36°35'N 35°27'E, 2 m, 17.05.2003; Hatay: 1 male, 1 female, İskenderun (Arsuz), 36°29'N 35°59'E, 5 m, 15.05.2003; 1 male, 3 females, Antakya (Campus of Mustafa Kemal University), 36°19'N 36°12'E, 120 m, 16.05.2003; Mersin: 1 male, 1 female, Mut (Kargıcak), 36°25'N 33°40'E, 320 m, 04.06.2003.

### *Lestes viridis parvidens* Artobolevski, 1929

**Materials:** Adana: 1 male, 1 female, Aladağ (Seyhan), 37°22'N 35°28'E, 158 m, 05.06.2003; Mersin: 1 male, 3 females, Bozyazı (Gözce), 36°09'N 33°10'E, 40 m, 03.06.2003.

### *Sympecma fusca* (Vander Linden, 1823)

**Materials:** Adana: 1 male, Pozantı (Çamlıbel village), 37°28'N 35°06'E, 987 m, 21.06.2002.

## Family PLATYCNEMIDIDAE

### *Platycnemis dealbata* Klug, 1863

**Materials:** Adana: 4 males, Seyhan river, 36°59'N 35°10'E, 34 m, 18.07.2002; 2 males, 2 females, Karaisalı road (Seyhan river-canal), 37°00'N 35°10'E, 47 m, 18.07.2002; 4 males, Karaisalı (Salbaş village, Çakıt brook), 37°06'N 35°06'E, 84 m, 18.07.2002; 3 males, Karaisalı (Salbaş village, Üçürge brook), 37°08'N 35°08'E, 98 m, 18.07.2002; 7 males, 5 females, Karaisalı (Topaktaş, Körkün stream), 37°09'N 35°09'E, 104 m, 18.07.2002; 3 males, İmamoğlu road, 37°03'N 35°26'E, 115 m, 18.07.2002; 4 males, 2 females, İmamoğlu (Hakkıbeyli, Han brook), 37°10'N 35°33'E, 187 m, 18.07.2002; 1 male, 1 female, İmamoğlu (İncedere), 37°14'N 35°38'E, 95 m, 18.07.2002; 1 male, 1 female, İmamoğlu-Kozan road (Kurukulak brook), 37°17'N 35°42'E, 47 m, 18.07.2002; 2 males, Kozan (Aslanlı, Tirmil brook), 37°20'N 35°45'E, 74 m, 18.07.2002; 1 male, Kozan (Deliçay), 37°34'N 35°47'E, 119 m, 18.07.2002; 1 male, Kozan (Kayhan), 37°22'N 35°49'E, 84 m, 19.07.2002; 2 males, 4 females, Ceyhan road (Karaçay), 37°03'N 37°57'E, 35 m, 19.07.2002; 1 male, 2 females, Ceyhan (Ceyhan river), 37°03'N 35°48'E, 34 m, 19.07.2002; 5 males, 3 females, Karataş (Yassıören, Seyhan canal), 36°43'N 35°11'E, 12 m, 19.04.2003; 1 female, Ceyhan (Karaçay), 37°03'N 35°57'E, 44 m, 16.05.2003; 1 male, Karataş (Topraklı), 36°39'N 35°20'E, 10 m, 17.05.2003; 5 males, 5 females, Karaisalı (Güvenç village), 37°12'N 35°05'E, 170 m, 18.05.2003; 1 female, Karaisalı (Ömerli village, Çatalan dam), 37°17'N 35°21'E, 190 m, 18.05.2003; 1 female, İmamoğlu (İncedere), 37°14'N 35°37'E, 135 m, 05.06.2003; 1 male, Kozan (Kayhan), 37°22'N 35°50'E, 82 m, 06.06.2003; 1 male, 2 females, İmamoğlu-Kozan road (Kurukulak brook), 37°17'N 35°42'E, 66 m, 05.06.2003; 2 males, İmamoğlu-Kozan road (Tirmil brook), 37°20'N 35°45'E, 85 m, 05.06.2003; 1 male, Aladağ (Gedikli), 37°29'N 35°09'E, 920 m, 29.07.2003; Hatay: 1 male, 1 female, İskenderun (Sariseki, Sariseki brook), 36°40'N 36°13'E, 9 m, 20.07.2002; 5 females, Reyhanlı (Antakya road), 36°14'N 36°23'E, 96 m, 20.07.2002; 1 male, Antakya (Nallica, Asi river), 36°15'N 36°14'E, 100 m, 20.07.2002; 2 females, Kırkhan (Hassa road 4.km), 36°32'N 36°23'E, 113 m, 21.07.2002; 3 males, Kırkhan (Hassa road, Bulgur spring), 36°37'N 36°26'E, 165 m, 21.07.2002; 4 males, 1 female, Kırkhan (Gölbaşı), 36°30'N 36°28'E, 95 m, 16.05.2003; 4 males, 1 female,

Kırkhan'ın kuzeyi, 36°34'N 36°24'E, 113 m, 16.05.2003; 2 males, 2 females, İskenderun (Büyükdere), 36°33'N 36°07'E, 10 m, 15.05.2003; 6 males, 1 female, İskenderun (Sariseki), 36°40'N 36°13'E, 26 m, 07.06.2003; 3 males, İskenderun (Arsuz), 36°09'N 36°01'E, 520 m, 07.06.2003; 1 male, Samandağ (Karaçay, Büyükdere), 36°08'N 36°01'E, 500 m, 07.06.2003; 1 male, Antakya (Demirköprü, Asi river), 36°14'N 36°21'E, 102 m, 08.06.2003; 2 males, Reyhanlı (Müşrûfe, Afrin river), 36°19'N 36°32'E, 112 m, 08.06.2003; 2 males, Kırkhan (Büyükkarasu brook), 36°30'N 36°24'E, 100 m, 08.06.2003; 1 male, 1 female, Kırkhan'ın kuzeyi 36°34'N 36°23'E, 105 m, 08.06.2003; 1 male, northern of Kırkhan (Kamışlar village), 36°38'N 36°26'E, 105 m, 08.06.2003; 1 male, 1 female, Hassa (Akbez), 36°50'N 36°32'E, 100 m, 08.06.2003; 1 male, Hassa (Akbez), 36°50'N 36°37'E, 105 m, 08.06.2003; Kahramanmaraş: 1 male, Andırın (Gökahmetler, Aslantaş dam), 37°24'N 36°16'E, 250 m, 06.06.2003; 1 male, 1 female, Menzelet Dam, 37°45'N 36°42'E, 675 m, 10.06.2003; 1 male, Ilıca (Menzelet dam), 37°49'N 36°48'E, 690 m, 26.07.2003; 1 male, Elbistan (Afşin road, DSİ regulator), 38°11'N 37°05'E, 1138 m, 26.07.2003; Osmaniye: 1 male, Çukurköprü, 37°20'N 35°55'E, 52 m, 19.07.2002; 1 male, Kadirli (between Çukurköprü-Aydınlar), 37°20'N 35°56'E, 51 m, 19.07.2002; 1 male, Kadirli (Yalmızdut), 37°17'N 36°02'E, 62 m, 19.07.2002; 2 males, 2 females, Kadirli (Karabacak), 37°14'N 36°02'E, 53 m, 19.07.2002; 1 male, Kadirli (Orhaniye, Seyhan brook), 37°12'N 36°04'E, 48 m, 19.07.2002; 3 males, 2 females, Toprakkale (Yolçatı brook), 37°03'N 36°06'E, 55 m, 19.07.2002.

### ***Platycnemis kervillei* (Martin, 1909)**

**Materials:** Adana: 1 female, Karataş cape (dalyan), 36°35'N 35°19'E, 10 m, 17.05.2003; 1 male, 1 female, Aladağ (Kahyalar), 37°17'N 35°23'E, 208 m, 18.05.2003; 2 males, 1 female, Aladağ (Boztahta, Simit bridge), 37°23'N 35°26'E, 150 m, 05.06.2003; 2 males, İmamoğlu-Kozan road (Kurukulak brook), 37°17'N 35°42'E, 66 m, 05.06.2003; 1 female, Kozan (Horzum, Tersakan -Pınargözü brook), 37°39'N 35°51'E, 600 m, 05.06.2003; HATAY: 1 male, 1 female, Yayladağ (Çabala-Kızılçad road), 35°52'N 36°06'E, 394 m, 15.05.2003; 1 female, Yayladağ (Kureyi brook), 35°54'N 36°03'E, 394 m, 15.05.2003; 1 male, 2 females, Yayladağ (race of Dervent brook), 35°53'N 36°01'E, 400 m, 15.05.2003; 1 male, Yayladağ (Çalı boğazı), 35°52'N 36°05'E, 496 m, 09.06.2003; 5 males, 2 females, Yayladağ (Çabala-Kızılçad road), 35°52'N 36°06'E, 440 m, 09.06.2003; 3 males, 2 females, Yayladağ (Dağardı road), 35°52'N 36°06'E, 440 m, 09.06.2003; 1 male, 1 female, Yayladağ (race of Dervent brook), 35°53'N 36°01'E, 400 m, 09.06.2003; 2 males, 1 female, Yayladağ, 35°53'N 36°00'E, 450 m, 09.06.2003; Kahramanmaraş 1 male, 1 female, Andırın (Çatak, Andırın brook), 37°30'N 36°21'E, 545 m, 06.06.2003; 1 female, Andırın (Kesik), 37°25'N 36°20'E, 1127 m, 06.06.2003.

### ***Platycnemis pennipes* (Pallas, 1771)**

**Materials:** Adana: 1 male, 1 female, Pozantı (Gerdibi village), 37°29'N 35°08'E, 954 m, 21.06.2002; 12 males, 3 females, Tufanbeyli (between Karsavuran-Pınarlar, İncedere), 38°13'N 36°13'E, 1400 m, 19.08.2002; 1 female, İmamoğlu (İncedere), 37°14'N 35°37'E, 135 m, 05.06.2003; 4 females, Tufanbeyli (Güzelim village, Güzelim brook), 38°07'N 36°10'E, 1430 m, 10.06.2003; Kahramanmaraş: 1 female, Suçatı (Menzelet dam), 37°45'N 36°41'E, 656 m, 10.06.2003; 2 males, 2 females, Menzelet dam, 675 m, 37°45'N 36°42'E, 10.06.2003; 1 female, Göksun (Çardak), 36°06'N 36°51'E, 1329 m, 10.06.2003; 1 female, Afşin (Yazdere, Hurman stream), 38°09'N 37°00'E, 1320 m, 10.06.2003; 1 male, Çağlayancerit (Başdevrişli), 37°42'N 37°10'E, 1260 m, 27.07.2003; Mersin: 1 female, Silifke (Kapızlı), 36°23'N 34°02'E, 22 m, 19.05.2003; 4 males, 1 female, Bozyazı, 36°06'N 32°57'E, 10 m, 03.06.2003; 1 female, eastern of Bozyazı, 36°06'N 33°00'E, 22 m, 03.06.2003; 1 male, Bozyazı (between Gözce-Gözsüzce), 36°11'N 33°12'E, 115 m, 03.06.2003; 1 male, Aydınçık (Yenikaş, Soğuksu brook), 36°08'N 33°17'E, 2 m, 03.06.2003; 1 male, 1 female, Aydınçık (Gülнар road), 36°10'N 33°21'E, 30 m, 03.06.2003; 1 male, Tarsus (Akçakocalı, Berdan dam), 36°57'N 34°50'E, 75 m, 04.06.2003.

## **Family COENAGRIONIDAE**

### ***Ischnura elegans ebneri* Schmidt, 1938**

**Materials:** Adana: 4 males, 1 female, Karaisalı (Seyhan river), 36°59'N 35°10'E, 34 m, 18.07.2002; 2 males, 2 females, Karaisalı road (Seyhan river-canal), 37°00'N 35°10'E, 47 m, 18.07.2002; 1 male, İmamoğlu (İncedere), 37°14'N 35°38'E, 95 m, 18.07.2002; 1 male,

Kozan (Kayhan), 37°22'N 35°49'E, 84 m, 19.07.2002; 1 female, Tufanbeyli (between Karsavuran-Pınarlar, İncedere), 38°13'N 36°13'E, 1400 m, 19.08.2002; 2 males, Zeytinli (canal), 36°59'N 35°07'E, 25 m, 18.07.2002; 3 males, Ceyhan (Karaçay), 37°03'N 35°57'E, 44 m, 16.05.2003; 2 males, 2 females, Ceyhan (Ceyhan river), 37°03'N 35°48'E, 35°m, 16.05.2003; 1 male, 1 female, Karataş (Topraklı, Dalyan-İlgımlık), 36°39'N 35°20'E, 10 m, 17.05.2003; 1 male, 1 female, Karataş (Bahçeköy), 36°35'N 35°25'E, 2 m, 17.05.2003; 1 male, 1 female, Karataş (Bahçeköy), 36°35'N 35°27'E, 2 m, 17.05.2003; 1 male, 2 females, Karataş cape (dalyan), 36°35'N 35°19'E, 10 m, 17.05.2003; 1 male, 1 female, Karaisalı (Abacı, Seyhan dam), 37°09'N 35°11'E, 150 m, 18.05.2003; 1 male, 1 female, Karaisalı (Güvenç village), 37°12'N 35°05'E, 170 m, 18.05.2003; 1 male, 1 female, Karaisalı (Ömerli village, Çatalan dam), 37°17'N 35°21'E, 190 m, 18.05.2003; 1 female, Aladağ (Topallı village, Çatalan dam), 37°19'N 35°23'E, 124 m, 18.05.2003; 1 male, Kozan (Kayhan), 37°22'N 35°50'E, 82 m, 06.06.2003; 17 males, 9 females, Karataş (Yassıören, Seyhan canal), 36°43'N 35°11'E, 12 m, 19.04.2003; 8 males, 6 females, Karataş (Karagöçer), 36°42'N 35°05'E, 13 m, 19.04.2003; 1 male, 1 female, Karataş (Tuz lake), 36°43'N 35°02'E, 6 m, 19.04.2003; 10 males, 8 females, Karataş (Tabaklar village), 36°44'N 35°00'E, 10 m, 19.04.2003; 2 males, 1 female, Karataş (Konaklı village), 36°39'N 35°09'E, 12 m, 19.04.2003; 9 males, Karataş (Gölkaya village), 36°36'N 35°23'E, 17 m, 19.04.2003; 6 males, 2 females, Karataş (Ömer lake), 36°42'N 35°33'E, 19 m, 19.04.2003; HATAY: 1 male, 2 females, İskenderun, Sarıseki (Sarıseki brook), 36°40'N 36°13'E, 17 m, 20.07.2002; 2 males, İskenderun (Güzin brook), 36°34'N 36°09'E, 13 m, 20.07.2002; 2 males, 1 female, Kırıkhan, 36°28'N 36°21'E, 112 m, 20.07.2002; 1 male, Kırıkhan (Kumlu road), 36°27'N 36°22'E, 152 m, 20.07.2002; 1 male, Reyhanlı (Antakya road), 36°14'N 36°23'E, 94 m, 20.07.2002; 2 males, Samandağ (Asi river), 36°04'N 36°00'E, 100 m, 21.07.2002; 3 males, Hassa (Akbez, Kilis il sınırı), 36°50'N 36°37'E, 384 m, 21.07.2002; 1 male, İskenderun (Sarıseki), 36°40'N 36°13'E, 26 m, 15.05.2003; 3 males, İskenderun (Arsuz), 36°29'N 35°59'E, 5 m, 15.05.2003; 1 male, İskenderun (Arsuz, Arsuz stream), 36°24'N 35°53'E, 10 m, 15.05.2003; 2 males, 1 female, Antakya (Campus of Mustafa Kemal University), 36°19'N 36°12'E, 120 m, 16.05.2003; 2 males, 4 females, Kırıkhan (Gölbaşı), 36°30'N 36°28'E, 95 m, 16.05.2003; 1 male, 1 female, northern of Kırıkhan, 36°34'N 36°24'E, 113 m, 16.05.2003; 1 male, Samandağ (Karaçay, Küçükdere), 36°09'N 36°01'E, 520 m, 07.06.2003; 1 male, Antakya (Demirköprü, Asi river), 36°14'N 36°21'E, 102 m, 08.06.2003; 2 males, 1 female, Reyhanlı, 36°14'N 36°34'E, 187 m, 08.06.2003; 1 male, Reyhanlı (Müşrife, Afrin river), 36°19'N 36°32'E, 112 m, 08.06.2003; 1 male, Kırıkhan (Gölbaşı), 36°30'N 36°28'E, 100 m, 08.06.2003; 2 males, 2 females, Antakya (Campus of Mustafa Kemal University), 36°19'N 36°12'E, 120 m, 17.04.2003; 2 males, 2 females, Kumlu (Karasüleymanlı, canal III), 36°23'N 36°24'E, 91 m, 18.04.2003; 3 males, 2 females, Kırıkhan (Gölbaşı village), 36°30'N 36°28'E, 95 m, 18.04.2003; Kahramanmaraş: 2 females, (Hasancıklı, stream of between Menzelet dam and Sır dam), 37°36'N 36°47'E, 470 m, 10.06.2003; 1 male, Menzelet dam, 675 m, 37°45'N 36°42'E, 10.06.2003; 1 male, Elbistan (Afsin road, DSİ Regulator), 38°11'N 37°05'E, 1138 m, 26.07.2003; 2 males, Menzelet Dam, 37°45'N 36°45'E, 645 m, 26.07.2003; Mersin: 2 males, 2 females, Tarsus, 36°55'N 34°55'E, 15 m, 20.04.2003; 1 male, 1 female, Tarsus (Berdan stream), 36°54'N 34°55'E, 23 m, 20.04.2003; 1 male, 1 female, Deliçay, 36°50'N 34°42'E, 28 m, 20.04.2003; 1 male, 1 female, Yenişehir (near harbour), 36°47'N 34°36'E, 10 m, 20.04.2003; 2 males, Erdemli (Arpaçbaşı), 36°38'N 34°21'E, 18 m, 20.04.2003; 1 male, 1 female, Silifke (Kapızlı), 36°23'N 34°02'E, 24 m, 20.04.2003; 1 male, 1 female, Erdemli (Limonlu stream), 36°32'N 34°13'E, 7 m, 19.05.2003; 1 female, Bozyazı, 36°06'N 32°57'E, 10 m, 03.06.2003; 2 males, Silifke (Kapızlı), 36°23'N 34°02'E, 22 m, 31.07.2003; 1 male, Centrum, 36°46'N 34°36'E, 10 m, 31.07.2003; Osmaniye: 1 male, Kadirli (Yalınzudut), 37°17'N 36°02'E, 62 m, 19.07.2002; 1 male, 1 female, Kadirli (Koçyurdu), 37°13'N 36°02'E, 50 m, 19.07.2002; 1 male, Kadirli (Orhaniye, Seyhan brook), 37°12'N 36°04'E, 48 m, 19.07.2002; 1 male, Toprakkale (Karaçay), 37°03'N 36°12'E, 114 m, 19.07.2002; 1 male, 2 females, near Centrum, 37°06'N 36°18'E, 140 m, 16.05.2003; 1 male, Kadirli (Akova), 37°20'N 35°57'E, 47 m, 06.06.2003.

### *Ischnura intermedia* Dumont, 1974

**Materials:** Adana: 1 male, Aladağ (Büyüksöfulü), 37°33'N 35°11'E, 1020 m, 29.07.2003.

**Remark:** This species is new for east Mediterranean region of Turkey.

***Erythromma viridulum* Charpentier, 1840**

**Materials:** Hatay: 1 male, Kırıkhan (Gölbaşı village), 36°30'N 36°28'E, 95 m, 16.05.2003.

***Coenagrion puella* (Linnaeus, 1758)**

**Materials:** Kahramanmaraş: 4 males, Göksun (Çardak), 36°06'N 36°51'E, 1329 m, 10.06.2003; 3 males, Göksun (Terbüzek I), 38°04'N 36°27'E, 1390 m, 10.06.2003.

***Coenagrion syriaca* (Morton, 1924)**

**Materials:** Adana: 1 male, Kozan (Kozan dam), 37°31'N 35°50'E, 300 m, 05.06.2003; Hatay: 1 male, Kırıkhan (Gölbaşı village), 36°30'N 36°28'E, 95 m, 18.04.2003; 5 males, 2 females, İskenderun (Sariseki), 36°40'N 36°13'E, 26 m, 15.05.2003; Kahramanmaraş: 2 males, Afşin (Büyükkızılılık village, Kızılılık brook), 38°09'N 36°42'E, 1400 m, 10.06.2003; Mersin: 1 male, 1 female, Silifke (Kapızlı), 36°23'N 34°02'E, 24 m, 20.04.2003; Osmaniye: 1 male, Kadirli (Akova), 37°20'N 35°57'E, 47 m, 06.06.2003.

***Cercion lindenii* (Selys, 1840)**

**Materials:** Hatay: 1 male, Kırıkhan (Gölbaşı), 36°30'N 36°28'E, 95 m, 16.05.2003; 1 male, Kırıkhan (Gölbaşı), 36°30'N 36°28'E, 100 m, 08.06.2003; 1 male, Kırıkhan (Gölbaşı village), 36°30'N 36°28'E, 95 m, 18.04.2003.

***Ceriagrion georgifreyi* (Schmidt, 1953)**

**Materials:** Hatay: 1 male, İskenderun (Sariseki), 36°40'N 36°13'E, 26 m, 15.05.2003; Mersin: 1 male, 1 female, Bozyazı, 36°06'N 32°57'E, 10 m, 03.06.2003; 1 female, Aydıncık (Gülнар road), 36°10'N 33°21'E, 30 m, 03.06.2003.

**Family AESHNIDAE*****Anax immaculifrons* Rambur, 1842**

**Materials:** Adana: 1 male, Kozan (Kozan dam), 37°31'N 35°50'E, 300 m, 05.06.2003; 2 males, Aladağ (Simit bridge), 37°23'N 35°26'E, 150 m, 29.07.2003.

***Anax imperator* Leach, 1815**

**Materials:** Adana: 1 male, Karaisalı (Çatalan dam), 37°11'N 35°16'E, 72 m, 18.07.2002; 1 male, Tufanbeyli (Güzelim, race of Sarız stream), 38°08'N 36°10'E, 1390 m, 19.08.2002; 1 female Karataş cape (dalyan), 36°35'N 35°19'E, 10 m, 17.05.2003; 1 female, Karaisalı (Abacı, Seyhan dam), 37°09'N 35°11'E, 150 m, 18.05.2003; 1 female, Kozan (Kozan dam), 37°31'N 35°50'E, 300 m, 05.06.2003; Hatay: 1 male, Antakya (Campus of Mustafa Kemal University), 36°19'N 36°12'E, 120 m, 16.05.2003; 1 male, Kırıkhan (Gölbaşı), 36°30'N 36°28'E, 95 m, 16.05.2003; 1 male, Kırıkhan'ın kuzeyi, 36°34'N 36°24'E, 113 m, 16.05.2003; 1 male, Reyhanlı, 36°14'N 36°34'E, 187 m, 08.06.2003; Kahramanmaraş: 1 male, Andırın (between Yeniköy-Kesim), 37°25'N 36°14'E, 200 m, 19.07.2002; 1 male, Afşin (Alimpınar), 38°12'N 36°53'E, 1285 m, 10.06.2003; Mersin: 1 male, Tece (Tece Stream), 36°41'N 34°27'E, 24 m, 31.07.2003; Osmaniye: 1 male, near Centrum, 37°06'N 36°18'E, 140 m, 16.05.2003.

***Anax parthenope* (Selys, 1839)**

**Materials:** Hatay: 1 male, Kırıkhan (Gölbaşı), 36°30'N 36°28'E, 100 m, 08.06.2003; 1 male, Hassa (Akbez), 36°50'N 36°37'E, 105 m, 08.06.2003; 2 females, Samandağ (between Tomruk-Çevlik), 36°16'N 35°48'E, 25 m, 16.04.2003; 1 male, Yayladağ (race of Dervent brook), 400 m, 17.04.2003; 1 male, Kırıkhan (Gölbaşı), 36°30'N 36°28'E, 100 m, 08.06.2003; Kahramanmaraş: 1 male, Andırın (Gökahmetler, Aslantaş dam), 37°24'N 36°16'E, 250 m, 06.06.2003; Mersin: 1 male, Tarsus (Akçakocalı, Berdan dam), 36°57'N 34°50'E, 75 m, 04.06.2003; Osmaniye: 1 male, Kadirli (Yalnızdut), 37°17'N 36°02'E, 62 m, 19.07.2002.

***Hemianax ephippiger* (Burmeister, 1839)**

**Materials:** Hatay: 1 male, Kırıkhan (Gölbaşı village), 36°30'N 36°28'E, 95 m, 18.04.2003.

***Caliaeschna microstigma* (Schneider, 1845)**

**Materials:** Adana: 1 male, Pozantı, Dağdibi village, 37°39'N 34°59'E, 1239 m, 20.06.2002; 1 male, Adana, Aladağ (Eyner), 37°25'N 35°26'E, 200 m, 05.06.2003; 1 male, Aladağ (Seyhan), 37°22'N 35°28'E, 158 m, 05.06.2003; 1 male, Kozan (Horzum, Tersakan - Pınargözü brook), 37°39'N 35°51'E, 600 m, 05.06.2003; 1 male, Aladağ (Gedikli), 37°29'N 35°09'E, 920 m, 29.07.2003; 1 male, Aladağ (Büyüksofulu), 37°32'N 35°09'E, 940 m, 29.07.2003; Hatay: 1 male, Erzincan (Başlamış village, Erzincan ilçası), 36°57'N 36°15'E, 452 m,

19.07.2002; 1 male, 1 female, Yayladağ (Çabala-Kızılçad road), 35°52'N 36°06'E, 440 m, 09.06.2003; Kahramanmaraş: 1 male, Andırın (Pakmaksızlar village), 37°39'N 36°21'E, 1183 m, 06.06.2003; 1 male, Çağlayancerit (Yenipınar), 37°42'N 37°09'E, 1278 m, 27.07.2003; Mersin: 3 males, Mut (Şarлак), 36°27'N 33°22'E, 243 m, 03.06.2003; 1 female, Sankavak, 36°36'N 33°38'E, 460 m, 03.06.2003; 1 male, Çamlıyayla (Papazın Bahçesi), 37°14'N 34°37'E, 761 m, 30.07.2003; 1 male, Çamlıyayla (Sebil, Tarsus stream), 37°07'N 34°32'E, 643 m, 30.07.2003; Osmaniye: 1 male, Hasanbeyli, 16.05.2003.

## Family GOMPHIDAE

### *Gomphus davidi* Selys, 1887

**Materials:** Adana: 5 males, Karaisalı (Ömerli village, Çatalan dam), 37°17'N 35°21'E, 190 m, 18.05.2003; 2 males, 1 female, Aladağ (Boztahta, Simit bridge), 37°23'N 35°26'E, 150 m, 05.06.2003; Hatay 1 male, İskenderun (Sariseki), 36°40'N 36°13'E, 26 m, 07.06.2003; 1 female, İskenderun (Arsuz), 36°09'N 36°01'E, 520 m, 07.06.2003; 1 male, Reyhanlı (Müşrife, Afrin river), 36°19'N 36°32'E, 112 m, 08.06.2003; 1 female, northern of Kırıkhan (Kamuşlar village), 36°38'N 36°26'E, 105 m, 08.06.2003; 1 female, Hassa (Akbez), 36°50'N 36°32'E, 100 m, 08.06.2003; 1 female, Yayladağ (Dağardı road), 35°52'N 36°06'E, 440 m, 09.06.2003; 1 male, Yayladağ (Görentaş village), 35°54'N 36°09'E, 568 m, 09.06.2003; MERSİN: 1 male, Mezitli stream, 36°43'N 34°30'E, 10 m, 19.05.2003.

### *Gomphus flavipes lineatus* Bartenev, 1929

**Materials:** Adana: 1 female, Ceyhan road (Karaçay), 37°03'N 37°57'E, 35°m, 19.07.2002.

### *Onychogomphus assimilis* (Schneider, 1845)

**Materials:** Adana: 1 male, 1 female, Pozantı (Kamuşlu, between Gedikli-Hamidiye), 37°30'N 35°03'E, 917 m, 29.07.2003; 1 male, 1 female, Aladağ (Büyüksöfülü), 37°32'N 35°09'E, 940 m, 29.07.2003; Mersin: 1 male, Tarsus (Keşbükü, Tarsus stream), 37°01'N 34°45'E, 139 m, 17.07.2002.

### *Onychogomphus forcipatus albotibialis* Schmidt, 1954

**Materials:** Adana: 1 male, Feke (Göksu river), 37°48'N 35°55'E, 963 m, 19.08.2002; Mersin: 2 males, 1 female, Bozyazı (Gözce), 36°09'N 33°10'E, 40 m, 03.06.2003; Osmaniye: 1 female, Yarpuz (Haraz Plateau), 29.07.2003.

### *Onychogomphus lefebvrei* (Rambur, 1842)

**Materials:** Adana: 1 male, Aladağ (Eyner), 37°25'N 35°26'E, 200 m, 29.07.2003; 1 male, Aladağ (Simit bridge), 37°23'N 35°26'E, 150 m, 29.07.2003; Hatay: 2 males, İskenderun (Arsuz), 36°09'N 36°01'E, 520 m, 07.06.2003; 2 males, northern of Kırıkhan (Kamuşlar village), 36°38'N 36°26'E, 105 m, 08.06.2003; 2 males, 1 female, Hassa (Akbez), 36°50'N 36°32'E, 100 m, 08.06.2003; 1 male, Yayladağ (Dağardı road), 35°52'N 36°06'E, 440 m, 09.06.2003; 1 female, İskenderun (Sariseki), 36°40'N 36°13'E, 26 m, 28.07.2003; Kahramanmaraş: 1 male, Andırın (Kesim village, Keşiş brook), 37°25'N 36°15'E, 170 m, 19.07.2002; 1 male, Ilıca (Menzelet Dam), 37°49'N 36°48'E, 690 m, 26.07.2003; 3 males, Çağlayancerit (Bozlar, Aksu stream), 37°39'N 37°27'E, 890 m, 27.07.2003; Mersin: 5 males, Tarsus (Sandal village, Söğütlü plateau), 565 m, 37°09'N 34°48'E, 17.07.2002; 1 male, Aydınçık (Gülınar road), 36°10'N 33°21'E, 30 m, 03.06.2003; 1 male, Aydınçık (Gülınar road), 36°12'N 33°21'E, 186 m, 03.06.2003; 1 male, Tece (Tece stream), 36°41'N 34°27'E, 24 m, 04.06.2003; 1 male, Silifke (Kargıcak, Kargıcak brook), 36°26'N 33°38'E, 195 m, 31.07.2003; Osmaniye: 5 males, Kadirli (Akova), 37°20'N 35°57'E, 47 m, 06.06.2003.

### *Onychogomphus macrodon* (Selys, 1887)

**Materials:** Hatay: 1 male, Northern of Kırıkhan (Kamuşlar village), 36°38'N 36°26'E, 105 m, 08.06.2003.

### *Paragomphus lineatus* (Selys, Hagen, 1850)

**Materials:** Adana: 1 male, Aladağ (Eyner), 37°25'N 35°26'E, 200 m, 29.07.2003; Hatay: 1 female, between Belen-Kırıkhan, 36°27'N 36°15'E, 195 m, 20.07.2002; 1 female, between Kırıkhan-Kumlu, 36°25'N 36°23'E, 88 m, 20.07.2002; Kahramanmaraş: 1 male, Andırın (between Yeniköy-Kesim), 37°25'N 36°14'E, 200 m, 19.07.2002.

### Family CORDULEGASTRIDAE

#### *Cordulegaster insignis insignis* Schneider, 1845

**Materials:** Adana: 1 male, Aladağ (Kahyalar), 37°17'N 35°23'E, 208 m, 18.05.2003; 2 males, Aladağ (Eyner), 37°25'N 35°26'E, 200 m, 05.06.2003; Hatay: 1 female, Hassa (Akbez), 36°50'N 36°37'E, 105 m, 08.06.2003; 1 male, Antakya (Campus of Mustafa Kemal University), 36°19'N 36°12'E, 120 m, 16.05.2003; Kahramanmaraş: 1 male, Andırın (Gökahmetler, Aslantaş dam), 37°24'N 36°16'E, 250 m, 06.06.2003; Mersin: 1 female, Çamliyayla (Papazın bahçesi), 37°14'N 34°37'E, 761 m, 30.07.2003; Osmaniye: 1 male, Yarpuz (Haraz Plateau), 29.07.2003.

### Family LIBELLULIDAE

#### *Libellula depressa* Linnaeus, 1758

**Materials:** Adana: 1 male, Tufanbeyli (Pınarlar), 38°13'N 36°13'E, 1400 m, 10.06.2003; 1 male, Tufanbeyli (Güzelim village, Güzelim brook), 38°07'N 36°10'E, 1430 m, 10.06.2003; Hatay: 1 male, Narlıca, 36°15'N 36°15'E, 93 m, 08.06.2003; Kahramanmaraş: 1 male, Andırın (Kesik), 37°25'N 36°20'E, 1127 m, 06.06.2003; 1 male, Afşin (Alımpınar), 38°12'N 36°53'E, 1285 m, 10.06.2003; 1 male, Afşin (Büyükkızılılık village, Kızılılık brook), 38°09'N 36°42'E, 1400 m, 10.06.2003; 1 male, Göksun (Salyan), 1340 m, 38°02'N 36°38'E, 10.06.2003; 2 males, Afşin (Yazdere, Hurman stream), 38°09'N 37°00'E, 1320 m, 10.06.2003.

#### *Libellula fulva* Müller, 1764

**Materials:** Mersin: 1 male, Bozyazı (Gözce), 36°09'N 33 10'E, 40 m, 03.06.2003.

#### *Libellula pontica* (Sélys, 1887)

**Materials:** Hatay: 1 male, northern of Kırıkhan, 36°34'N 36°24'E, 113 m, 16.05.2003; Mersin: 1 male, Silifke (Kapızlı), 36°23'N 34 02'E, 22 m, 19.05.2003.

#### *Orthetrum brunneum* (Fonscolombe, 1837)

**Materials:** Adana: 1 male, Karaisalı (Topaktaş, Körkün stream), 37°09'N 35°09'E, 104 m, 18.07.2002; 1 male, Tufanbeyli (Güzelim, race of Sarız stream), 38°08'N 36°10'E, 1390 m, 19.08.2002; 1 male, Tufanbeyli (İncedere), 38°13'N 36°13'E, 1400 m, 19.08.2002; 1 female, Kozan (Kozan dam), 37°31'N 35°50'E, 300 m, 05.06.2003; 1 male, Fekke (Tenkerli village), 37°44'N 35°52'E, 05.06.2003; 1 male, Aladağ, 37°33'N 35°22'E, 730 m, 29.07.2003; Kahramanmaraş: 1 male, Andırın (Kesik), 37°25'N 36°20'E, 1127 m, 06.06.2003; 1 male, Afşin (Büyükkızılılık village, Kızılılık brook), 38°09'N 36°42'E, 1400 m, 10.06.2003; 2 males, 2 females, Pazarıcık (Kartalkaya Dam), 37°29'N 37°17'E, 730 m, 27.07.2003; 1 male, Ekinözü (Gaziler), 37°59'N 37°06'E, 1084 m, 26.07.2003; 1 male, Çağlayançerit (Aksu village, Aksu stream), 37°44'N 37°22'E, 987 m, 27.07.2003; 1 male, Çağlayançerit (Başdevrişli), 37°42'N 37°10'E, 1260 m, 27.07.2003; 1 female, Elbistan (Afşin Road, DSİ Regulator), 38°11'N 37°05'E, 1138 m, 26.07.2003.

#### *Orthetrum cancellatum* (Linnaeus, 1758)

**Materials:** Hatay: 1 male, Antakya (Campus of Mustafa Kemal University), 36°19'N 36°12'E, 120 m, 16.05.2003; Mersin: 1 male, Tarsus (Kurtçukuru, Kadıncık-I dam), 37°08'N 34 44'E, 420 m, 17.07.2002.

#### *Orthetrum chrysostigma* (Burmeister, 1839)

**Materials:** Adana: 1 male, Kozan (Kozan dam), 37°31'N 35°50'E, 300 m, 05.06.2003; 1 male, Aladağ (Göksu'ya Akan Dere, Simit Bridge), 37°23'N 35°26'E, 150 m, 29.07.2003; Hatay: 8 males, 1 female, İskenderun, Sarıseki (Sariseki brook), 36°40'N 36°13'E, 17 m, 20.07.2002; 1 male, Kırıkhan (Hassa road, Bulgur spring), 36°37'N 36°26'E, 165 m, 21.07.2002; 1 female, İskenderun (Arsuz), 36°29'N 35°59'E, 5 m, 15.05.2003; 1 male, İskenderun (Arsuz), 36°09'N 36°01'E, 520 m, 07.06.2003, 1 male, Antakya (Demirköprü, Asi River), 36°14'N 36°21'E, 102 m, 08.06.2003; Kahramanmaraş: 2 males, Andırın (between Yeniköy-Kesim), 37°25'N 36°14'E, 200 m, 19.07.2002; 5 males, Andırın (Kesim village, Keşiş brook), 37°25'N 36°15'E, 170 m, 19.07.2002; Mersin: 1 male, eastern of Bozyazı, 36°06'N 33 00'E, 22 m, 03.06.2003; 1 male, Bozyazı (Gözce), 36°09'N 33°10'E, 40 m, 03.06.2003.



***Orthetrum coerulescens anceps* (Schneider, 1845)**

**Materials:** Adana: 1 male, Aladağ (Büyüksöfözü village), 37°33'N 35°10'E, 1024 m, 21.06.2002; 1 female, Karaisalı (Salbaş village, Çakıt brook), 37°06'N 35°06'E, 84 m, 18.07.2002; 1 male, Karaisalı (Topaktaş, Körkün stream), 37°09'N 35°09'E, 104 m, 18.07.2002; 1 male, Karaisalı (Güvenç village), 37°12'N 35°05'E, 170 m, 18.05.2003; Mersin: 3 males, Bozyazı, 36°06'N 32°57'E, 10 m, 03.06.2003; 1 male, Erdemli (Arpaçbaşı), 36°38'N 34°22'E, 54 m, 04.06.2003; 1 male, Erdemli (Arpaçbaşı), 36°38'N 34°22'E, 54 m, 31.07.2003.

***Orthetrum sabina* (Drury, 1770)**

**Materials:** Adana: 2 males, Karaisalı (Çatalan dam), 37°11'N 35°16'E, 72 m, 18.07.2002; 3 females, Karaisalı (Çiçekli village, Seyhan dam), 37°08'N 35°18'E, 73 m, 18.07.2002; 1 male, Karataş (Topraklı, Dalyan-İlgınlık), 36°39'N 35°20'E, 10 m, 17.05.2003; 1 male, Karataş (Bahçeköy), 36°35'N 35°25'E, 2 m, 17.05.2003; 2 males, 2 females, Karaisalı (Abacı, Seyhan dam), 37°09'N 35°11'E, 150 m, 18.05.2003; 1 male, 2 females, Aladağ (Topallı village, Çatalan dam), 37°19'N 35°23'E, 124 m, 18.05.2003; 1 male, Karaisalı (Eğence, Çatalan dam), 37°17'N 35°13'E, 135 m, 18.05.2003; 1 female, Ceyhan (Ceyhan river), 37°03'N 35°45'E, 200 m, 29.07.2003; Kahramanmaraş: 1 male, Andırın (Between Yeniköy-Kesim), 37°25'N 36°14'E, 200 m, 19.07.2002; 1 male, Andırın (Gökahmetler, Aslantaş dam), 37°24'N 36°16'E, 250 m, 06.06.2003; MERSİN: 1 male, Tece (Tece Stream), 36°41'N 34°27'E, 24 m, 31.07.2003; Hatay: 1 male, İskenderun (Sariseki), 36°40'N 36°13'E, 17 m, 20.07.2002; 1 female, İskenderun (Sariseki, Sariseki brook), 36°40'N 36°13'E, 9 m, 20.07.2002; 1 male, between Kırkhan-Kumlu, 36°25'N 36°23'E, 88 m, 20.07.2002; 1 male, 1 female, Kumlu, 36°23'N 36°24'E, 95 m, 20.07.2002; 1 female, Reyhanlı (Antakya road 10.km, canal), 36°14'N 36°23'E, 94 m, 20.07.2002; 1 male, İskenderun (Arsuz), 36°29'N 35°59'E, 5 m, 15.05.2003; 1 male, Antakya (Campus of Mustafa Kemal University), 36°19'N 36°12'E, 120 m, 16.05.2003; 1 female, Kırkhan (Gölbaşı), 36°30'N 36°28'E, 95 m, 16.05.2003; 1 male, Kırkhan (Gölbaşı), 36°30'N 36°28'E, 100 m, 08.06.2003; 1 male, İskenderun (Arsuz), 36°09'N 36°01'E, 520 m, 07.06.2003; 1 male, Reyhanlı, 36°14'N 36°34'E, 187 m, 08.06.2003; 2 males, Kırkhan (Başpınar, Özkızılkaya bridge, canal), 36°27'N 36°28'E, 95 m, 08.06.2003; 2 males, Kırkhan (Gölbaşı), 36°30'N 36°28'E, 100 m, 08.06.2003; 1 male, Northern of Kırkhan 36°34'N 36°23'E, 105 m, 08.06.2003; Osmaniye: 1 male, Centrum, 37°06'N 36°18'E, 140 m, 16.05.2003; 1 male, Kadirli (Akova), 37°20'N 35°57'E, 47 m, 06.06.2003.

***Orthetrum taeniolatum* (Schneider, 1845)**

**Materials:** Adana: 1 female, Kozan (Kozan Dam, Kilgen), 37°31'N 35°49'E, 300 m, 18.07.2002; 1 male, 1 female, Kozan (Deliçay), 37°34'N 35°47'E, 119 m, 18.07.2002; 1 male, Karaisalı (Kuzgun village), 37°09'N 35°05'E, 162 m, 18.05.2003; 2 males, Karaisalı (Güvenç village), 37°12'N 35°05'E, 170 m, 18.05.2003; 2 females, Aladağ (Kahyalar), 37°17'N 35°23'E, 208 m, 18.05.2003; 1 female, İmamoğlu-Kozan road (Kurukulak brook), 37°17'N 35°42'E, 66 m, 05.06.2003; Hatay: 1 male, Antakya (Paşa village, Bedirge brook), 36°26'N 36°13'E, 100 m, 15.05.2003; 1 male, İskenderun (Arsuz), 36°24'N 35°53'E, 15 m, 15.05.2003; 1 female, between Belen-Kırkhan, 36°27'N 36°15'E, 195 m, 20.07.2002; 1 female, Kırkhan (Hassa road, Bulgur spring), 36°37'N 36°26'E, 165 m, 21.07.2002; Mersin: 1 female, Mezitli stream, 36°43'N 34°30'E, 10 m, 19.05.2003; 1 male, 1 female, Tece (Tece stream), 36°41'N 34°27'E, 24 m, 19.05.2003; 1 female, Erdemli (Tömük), 36°28'N 34°21'E, 20 m, 19.05.2003; 1 female, Erdemli (Arpaçbaşı, Kargıcak brook), 36°36'N 34°19'E, 14 m, 19.05.2003; 1 male, Erdemli (Tömük), 36°28'N 34°21'E, 20 m, 31.07.2003; 2 males, Çamlıyayla (Kadınçık-I dam), 37°09'N 34°43'E, 429 m, 30.07.2003.

***Crocothemis erythraea* (Brullé, 1832)**

**Materials:** Adana: 1 male, Aladağ (Kahyalar), 37°17'N 35°23'E, 208 m, 18.05.2003; Hatay: 1 female, İskenderun (Güzin Brook), 36°34'N 36°09'E, 13 m, 20.07.2002; 1 female, İskenderun (Sariseki), 36°40'N 36°13'E, 9 m, 20.07.2002; 1 male, Hassa (Akbez), 36°50'N 36°37'E, 105 m, 08.06.2003; 2 males, Kırkhan (Gölbaşı), 36°30'N 36°28'E, 100 m, 08.06.2003; 1 male, İskenderun (Sariseki, Sariseki brook), 36°40'N 36°13'E, 9 m, 20.07.2002; 1 male, İskenderun (Güzin brook), 36°34'N 36°09'E, 13 m, 20.07.2002; 1 male, Kumlu, 36°23'N 36°24'E, 95 m, 20.07.2002; 1 male, Kumlu (Müşrûfe, Afrin river), 36°18'N 36°32'E, 104 m, 20.07.2002; 1 female, Reyhanlı (Antakya road), 36°14'N 36°23'E, 94 m, 20.07.2002; Kahramanmaraş: 1 female, Pazarçık (Kartalkaya Dam), 37°29'N 37°17'E, 730

m, 27.07.2003; Mersin: 1 male, Bozyazı, 36°06'N 32°57'E, 10 m, 03.06.2003; 1 male, Silifke (Göksu River), 36°24'N 33°48'E, 70 m, 31.07.2003; 1 male, Silifke (Kapızlı), 36°23'N 34°02'E, 22 m, 31.07.2003; 1 male, Merkez (Akarsu), 36°46'N 34°36'E, 10 m, 31.07.2003; 1 male, Tece (Tece Stream), 36°41'N 34°27'E, 24 m, 31.07.2003; Osmaniye: 1 male, Toprakkale crossroads (Karaçay), 37°03'N 36°12'E, 114 m, 19.07.2002; 1 male, Kadirli (Akova, marsh), 37°20'N 35°57'E, 47 m, 06.06.2003.

### ***Crocothemis servilia* (Drury, 1770)**

**Materials:** Adana: 1 male, Karaisalı (Çiçekli village, Seyhan dam), 37°08'N 35°18'E, 73 m, 18.07.2002; 1 male, 1 female, Karataş (Topraklı, Dalyan-Ilgınlık), 36°39'N 35°20'E, 10 m, 17.05.2003; Hatay: 1 male, İskenderun (Güzin brook), 36°34'N 36°09'E, 13 m, 20.07.2002; 2 males, Kırkhan (Gölbaşı), 36°30'N 36°28'E, 95 m, 16.05.2003; 1 female, Reyhanlı (Başpınar, Özkızılkaya Brook), 36°27'N 36°28'E, 95 m, 08.06.2003; 1 male, İskenderun (Sariseki), 36°40'N 36°13'E, 26 m, 28.07.2003; Mersin: 1 female, Erdemli (Limonlu stream), 36°32'N 34°13'E, 7 m, 19.05.2003; 1 male, Silifke (Kapızlı), 36°23'N 34°02'E, 22 m, 19.05.2003; 1 male, Bozyazı (Gözce), 36°09'N 33°10'E, 40 m, 03.06.2003; 1 male, Aydınçık (Gülınar Road), 36°10'N 33°21'E, 30 m, 03.06.2003; 1 male, Tarsus (Akçakocalı, Berdan Dam), 36°57'N 34°50'E, 75 m, 04.06.2003; 1 male, Çamlıyayla (Kadınçık-I dam), 37°09'N 34°43'E, 429 m, 30.07.2003; 1 male, 1 female, Silifke (Göksu River), 36°24'N 33°48'E, 70 m, 31.07.2003; 1 female, Silifke (Kapızlı), 36°23'N 34°02'E, 22 m, 31.07.2003; Osmaniye: 1 male, Kadirli (Akova), 37°20'N 35°57'E, 47 m, 06.06.2003.

### ***Sympetrum fonscolombi* (Sélys, 1840)**

**Materials:** Adana: 3 males, 3 females, Karaisalı (Çiçekli village, Seyhan dam), 37°08'N 35°18'E, 73 m, 18.07.2002; 2 males, 1 female, Karaisalı (Salbaş village, Çakıt brook), 37°06'N 35°06'E, 84 m, 18.07.2002; 2 males, 1 female, Aladağ (Topallı village, Çatalan dam), 37°19'N 35°23'E, 124 m, 18.05.2003; 1 male, Karaisalı (Ömerli village, Çatalan dam), 37°17'N 35°21'E, 190 m, 18.05.2003; 1 male, Aladağ, 37°33'N 35°22'E, 730 m, 29.07.2003; Hatay: 1 male, 1 female, Belen (Kırkhan kavşağı), 36°27'N 36°15'E, 195 m, 20.07.2002; 1 male, Reyhanlı (Antakya road), 36°14'N 36°31'E, 103 m, 20.07.2002; 1 male, Altınözü (Büyükburç, Yarseli dam), 36°11'N 36°19'E, 148 m, 21.07.2002; 2 males, Hassa (Akbez), 36°50'N 36°37'E, 384 m, 21.07.2002; 2 females, 1 male, Yayladağ (Görentaş village), 35°54'N 36°09'E, 568 m, 09.06.2003; Kahramanmaraş: 2 males, Andırın (between Yeniköy-Kesim), 37°25'N 36°14'E, 200 m, 19.07.2002; 1 male, 2 females, Türkoğlu (Minehüyük, Büyükgöl), 37°14'N 36°49'E, 483 m, 22.07.2002; 2 males, Türkoğlu (Maraş road, Aksu stream), 37°27'N 36°53'E, 461 m, 22.07.2002; 2 males, 2 females, Hasancıklı (Ceyhan river), 456 m, 22.07.2002; 1 male, Menzelet dam, 37°45'N 36°45'E, 645 m, 26.07.2003; 1 female, Çağlayanerit (Aksu village, Aksu stream), 37°44'N 37°22'E, 987 m, 27.07.2003; 2 males, Pazarcık-Narlı road (Kırmi), 37°25'N 37°09'E, 622 m, 27.07.2003; Mersin: 2 males, 2 females, Tarsus (Kurtçukuru, Kadınçık-I dam), 37°08'N 34°44'E, 420 m, 17.07.2002; 1 female, Tarsus (Keşbüki, Tarsus Stream), 37°01'N 34°45'E, 139 m, 17.07.2002; 1 female, Aydınçık (Gülınar road), 36°10'N 33°21'E, 30 m, 03.06.2003; 1 male, 1 female, Tarsus (Akçakocalı, Berdan dam), 36°57'N 34°50'E, 75 m, 04.06.2003; Osmaniye: 1 male, Kaypak (Kalecik dam), 37°09'N 36°27'E, 600 m, 16.05.2003.

### ***Sympetrum meridionale* (Sélys, 1841)**

**Materials:** Adana: 1 female, Aladağ (Kıcak), 37°35'N 35°14'E, 1075 m, 29.07.2003; 1 male, Aladağ (Büyüksöfulu), 37°32'N 35°09'E, 940 m, 29.07.2003; Hatay: 1 female, Yayladağ (Görentaş village), 35°54'N 36°09'E, 568 m, 09.06.2003; Kahramanmaraş: 1 female, Türkoğlu (Maraş road, Aksu stream), 37°27'N 36°53'E, 461 m, 22.07.2002; Mersin: 1 female, Tarsus (Kurtçukuru, Kadınçık-I dam), 37°08'N 34°44'E, 420 m, 17.07.2002; 1 male, Çamlıyayla (Papazın bahçesi), 37°14'N 34°37'E, 761 m, 30.07.2003; Osmaniye: 1 male, 1 female, Yarpuz (Haraz plateau), 29.07.2003.

### ***Sympetrum sanguineum* (Müller, 1764)**

**Materials:** Adana: 1 female, Saimbeyli (Saimbeyli brook, Ayçukuru), 37°57'N 36°04'E, 850 m, 19.08.2002; Hatay: 1 male, Reyhanlı (Antakya road), 36°14'N 36°23'E, 94 m, 20.07.2002; 1 male, Yayladağ (Görentaş village), 35°54'N 36°09'E, 568 m, 09.06.2003; Kahramanmaraş: 2 males, 1 female, Türkoğlu (Minehüyük, Büyükgöl), 37°14'N 36°49'E, 483 m, 22.07.2002; 1 male, Çağlayanerit (Bozlar, Aksu stream), 37°39'N 37°27'E, 890 m, 27.07.2003; Mersin: 1 male, Tarsus (Akçakocalı, Berdan dam), 36°57'N 34°50'E, 75 m, 04.06.2003.

***Sympetrum striolatum* (Charpentier, 1840)**

**Materials:** Adana: 1 male, Karaisalı (Çiçekli village, Seyhan dam), 37°08'N 35°18'E, 73 m, 18.07.2002; 1 female, Aladağ (Gedikli), 37°29'N 35°09'E, 920 m, 29.07.2003; 1 female, Aladağ (Kıcak), 37°35'N 35°14'E, 1075 m, 29.07.2003; Hatay: 2 females, İskenderun (Arsuz), 36°29'N 35°59'E, 5 m, 15.05.2003; 1 male, Hassa (Akbez), 36°50'N 36°37'E, 105 m, 08.06.2003; 1 male, Antakya (Campus of Mustafa Kemal University), 36°19'N 36°12'E, 120 m, 16.05.2003; Mersin: 1 male, 1 female, Bozyazı (Gözce), 36°09'N 33°10'E, 40 m, 03.06.2003; 1 male, Çamlıyayla (Okkoyağı village, Tarsus stream), 37°13'N 34°38'E, 770 m, 30.07.2003; 2 males, Çamlıyayla (Papazın bahçesi), 37°14'N 34°37'E, 761 m, 30.07.2003; 1 male, Çamlıyayla (Okkoyağı village, Tarsus stream), 37°13'N 34°38'E, 770 m, 30.07.2003; Osmaniye: 1 male, Yarpuz (Haraz plateau), 29.07.2003.

***Brachythemis fuscopalliata* (Selys, 1887)**

**Materials:** Adana: 3 males, Karaisalı (Karaömerli village, Seyhan dam), 37°06'N 35°20'E, 79 m, 18.07.2002; 1 female, Karaisalı (Çiçekli village, Seyhan dam), 37°08'N 35°18'E, 73 m, 18.07.2002; 1 male, Karataş (Topraklı), 1 female, 36°39'N 35°20'E, 10 m, 17.05.2003; Karataş (Bahçeköy), 36°35'N 35°25'E, 2 m, 17.05.2003; Mersin: 1 female, Erdemli (Tömük), 36°28'N 34°21'E, 20 m, 19.05.2003; Kahramanmaraş: 1 male, 2 females, Andırın (Gökahmetler, Aslantaş dam), 37°24'N 36°16'E, 250 m, 06.06.2003; Hatay: 1 male, Reyhanlı (Müşrûfe, Afrin river), 36°19'N 36°32'E, 112 m, 08.06.2003; 1 female, Kırıkhan (Başpınar, Özkızılkaya bridge, stream), 36°27'N 36°28'E; 1 male, 1 female, Yayladağ (Görentaş village), 35°54'N 36°09'E, 568 m, 09.06.2003.

***Brachythemis leucosticta* (Burmeister, 1839)**

**Materials:** Hatay: 1 female Kırıkhan (Başpınar, Özkızılkaya bridge, stream), 36°27'N 36°28'E.

***Diplacodes lefebvrei* (Rambur, 1842)**

**Materials:** Adana: 5 females, Karataş (Topraklı, Dalyan-İlgınlık), 36°39'N 35°20'E, 10 m, 17.05.2003; Hatay: 3 females, İskenderun, Sariseki (Sariseki brook), 36°40'N 36°13'E, 17 m, 20.07.2002; 5 males, 1 female, İskenderun (Sariseki, Sariseki brook), 36°40'N 36°13'E, 9 m, 20.07.2002; 1 male, İskenderun (Sariseki), 36°40'N 36°13'E, 26 m, 07.06.2003; Mersin: 1 male, Bozyazı (Dikilitaş beach), 36°05'N 32°55'E, 3 m, 03.06.2003; 1 male, Aydıncık (Gülınar road), 36°10'N 33°21'E, 30 m, 03.06.2003; 1 female, Aydıncık (Gülınar road), 36°12'N 33°21'E, 186 m, 03.06.2003; 2 males, Tarsus (Akçakocalı, Berdan dam), 36°57'N 34°50'E, 75 m, 04.06.2003; 1 male, Centrum (small stream), 36°46'N 34°36'E, 10 m, 31.07.2003; 1 male, Silifke (Kapızlı), 36°23'N 34°02'E, 22 m, 31.07.2003.

***Trithemis annulata* (Beauvois, 1807)**

**Materials:** Adana: 1 male, Karaisalı road (Seyhan river-canal), 37°00'N 35°10'E, 47 m, 18.07.2002; 2 males, 4 females, Karaisalı, 37°02'N 35°10'E, 69 m, 18.07.2002; 1 male, Karaisalı (Salbaş village, Çakıt brook), 37°06'N 35°06'E, 84 m, 18.07.2002; 2 males, Karaisalı (Salbaş village, Üçürge brook), 37°08'N 35°08'E, 98 m, 18.07.2002; 1 female, between Adana-Karaisalı, 37°02'N 35°10'E, 69 m, 18.07.2002; 3 males, Karaisalı (Çatalan dam), 37°11'N 35°16'E, 72 m, 18.07.2002; 1 male, İmamoğlu (Hakkabeyli, Han brook), 37°10'N 35°33'E, 187 m, 18.07.2002; 1 male, İmamoğlu-Kozan road (Tanrı brook), 37°18'N 35°43'E, 63 m, 18.07.2002; 4 females, Kozan (Kozan dam, Kilgen), 37°31'N 35°49'E, 300 m, 18.07.2002; 1 male, Zeytinli (canal I), 36°59'N 35°07'E, 25 m, 18.07.2002; 1 female, Karaisalı (Abacı, Seyhan dam), 37°09'N 35°11'E, 150 m, 18.05.2003; 1 male, Kozan (Deliçay), 37°34'N 35°47'E, 119 m, 18.07.2002; 1 male, Karaisalı (Ömerli village, Çatalan dam), 37°17'N 35°21'E, 190 m, 18.05.2003; 1 female, Karaisalı (Ömerli village), 37°17'N 35°15'E, 191 m, 18.05.2003; 1 female, Aladağ (Boztahta, Simit bridge), 37°23'N 35°26'E, 150 m, 05.06.2003; 1 male, İmamoğlu-Kozan road (Tirmil brook), 37°20'N 35°45'E, 85 m, 05.06.2003; 1 female, Kozan (Deliçay), 37°24'N 35°47'E, 110 m, 05.06.2003; 1 male, Kozan (Kozan dam), 37°31'N 35°50'E, 300 m, 05.06.2003; 1 male, Kozan (Kayhan), 37°22'N 35°50'E, 82 m, 06.06.2003; 1 male, Ceyhan (Ceyhan river), 37°03'N 35°45'E, 200 m, 29.07.2003; 1 male, Aladağ (Simit bridge), 37°23'N 35°26'E, 150 m, 29.07.2003; HATAY: 1 female, İskenderun, Sariseki (Sariseki brook), 36°40'N 36°13'E, 17 m, 20.07.2002; 1 male, İskenderun (Güzin brook), 36°34'N 36°09'E, 13 m, 20.07.2002; 1 male, 2 females, between Belen-Kırıkhan, 36°27'N 36°15'E, 195 m, 20.07.2002; 1 male, Kırıkhan -Kumlu road, 36°27'N 36°22'E, 152 m, 20.07.2002; 1 male, between Kırıkhan-Kumlu, 36°25'N 36°23'E, 88 m, 20.07.2002; 4 males, 1 female, Kumlu (Müşrûfe, Afrin river), 36°18'N 36°32'E, 104

m, 20.07.2002; 1 male, Antakya (Demirköprü, Asi river), 36°14'N 36°21'E, 101 m, 20.07.2002; 3 males, Antakya (Nallica, Asi river), 36°15'N 36°14'E, 100 m, 20.07.2002; 1 female, Altınözü (Büyükburç, Yarseli dam), 36°11'N 36°19'E, 148 m, 21.07.2002; 5 males, 1 female, Kırıkhan (Hassa road, Bulgur spring), 36°37'N 36°26'E, 165 m, 21.07.2002; 1 female, Hassa (Akbez), 36°50'N 36°37'E, 384 m, 21.07.2002; 1 female, İskenderun (Sariseki), 36°40'N 36°13'E, 26 m, 15.05.2003; 1 female, İskenderun (Arsuz), 36°29'N 35°59'E, 5 m, 15.05.2003; 1 male, İskenderun (Arsuz, Arsuz stream), 36°24'N 35°53'E, 10 m, 15.05.2003; 1 male, Belen (Çakallı), 36°26'N 36°16'E, 170 m, 15.05.2003; 2 males, Antakya (Campus of Mustafa Kemal University), 36°19'N 36°12'E, 120 m, 16.05.2003; 1 female, Kırkhan (Gölbaşı), 36°30'N 36°28'E, 95 m, 16.05.2003; 1 male, northern of Kırkhan, 36°34'N 36°24'E, 113 m, 16.05.2003; 1 male, 1 female, İskenderun (Sariseki), 36°40'N 36°13'E, 26 m, 07.06.2003; 1 female, İskenderun (Arsuz), 36°09'N 36°01'E, 520 m, 07.06.2003; 1 male, Samandağ (Karaçay, Küçükdere), 36°09'N 36°01'E, 520 m, 07.06.2003; 1 male, Samandağ (Karaçay, Büyükdere), 36°08'N 36°01'E, 500 m, 07.06.2003; 1 male, Narlıca, 36°15'N 36°15'E, 93 m, 08.06.2003; 1 female, Antakya (Demirköprü, Asi river), 36°14'N 36°21'E, 102 m, 08.06.2003; 3 males, Reyhanlı, 36°14'N 36°34'E, 187 m, 08.06.2003; 2 males, 1 female, Kırkhan (Başpınar, Özkızılkaya bridge, stream), 36°27'N 36°28'E; 1 male, Kırkhan (Gölbaşı), 36°30'N 36°28'E, 100 m, 08.06.2003; 1 male, Kırkhan (Büyükkarasu brook), 36°30'N 36°24'E, 100 m, 08.06.2003; 3 males, northern of Kırkhan 36°34'N 36°23'E, 105 m, 08.06.2003; 1 male, Reyhanlı (Müşrife, Afrin river), 36°19'N 36°32'E, 112 m, 08.06.2003; 1 male, 1 female, Yayladağ (Görentaş village), 35°54'N 36°09'E, 568 m, 09.06.2003; Kahramanmaraş: 1 male, 1 female, Andırın (between Yeniköy-Kesim), 37°25'N 36°14'E, 200 m, 19.07.2002; 1 male, Andırın (Anacık village, Aslantaş dam), 37°23'N 36°19'E, 185 m, 19.07.2002; 1 female, Türkoğlu (Maraş road, Aksu stream), 37°27'N 36°53'E, 461 m, 22.07.2002; 1 male, Türkoğlu-Maraş road (Aksu stream), 37°29'N 36°53'E, 457 m, 22.07.2002; 2 males, Andırın (Gökahmetler, Aslantaş dam), 37°24'N 36°16'E, 250 m, 06.06.2003; Mersin: 1 male, Tarsus (Sandal village, Söğütlü plateau), 565 m, 37°09'N 34°48'E, 17.07.2002; 1 male, 1 female, Tarsus (Kurtçukuru, Kadıncık-I dam), 37°08'N 34°44'E, 420 m, 17.07.2002; 2 males, Tarsus (Tarsus stream, Berdan-I canal), 36°55'N 34°55'E, 14 m, 18.07.2002; 1 male, Bozyazı (Gözcce), 36°09'N 33°10'E, 40 m, 03.06.2003; 1 male, Erdemli (Arpaçbahşiş), 36°38'N 34°22'E, 54 m, 04.06.2003; 1 male, 1 female, Tarsus (Akçakocalı, Berdan dam), 36°57'N 34°50'E, 75 m, 04.06.2003; 3 males, Silifke (Kapızlı), 36°23'N 34°02'E, 22 m, 19.05.2003; 1 male, Silifke (Kapızlı), 36°23'N 34°02'E, 22 m, 31.07.2003; 1 female, Çamlıyayla (Kurtçukuru, Kurtçukuru brook), 37°10'N 34°45'E, 581 m, 30.07.2003; 1 male, Erdemli (Arpaçbahşiş), 36°38'N 34°22'E, 54 m, 31.07.2003; 1 male, Erdemli (Limonlu stream), 36°32'N 34°13'E, 7 m, 31.07.2003; 1 male, Merkez, 36°46'N 34°36'E, 10 m, 31.07.2003; 1 male, Tece (Tece stream), 36°41'N 34°27'E, 24 m, 31.07.2003; OSMANIYE: 2 males, Çukurköprü, 37°20'N 35°55'E, 52 m, 19.07.2002; 1 female, Kadirli (between Çukurköprü-Aydınlar), 37°20'N 35°56'E, 51 m, 19.07.2002; 1 male, Kadirli (Aydınlar), 37°21'N 36°00'E, 56 m, 19.07.2002; 1 male, Kadirli (Yalınızdut), 37°17'N 36°02'E, 62 m, 19.07.2002; 1 female, Kadirli (Orhaniye, Seyhan brook), 37°12'N 36°04'E, 48 m, 19.07.2002; 1 male, Toprakkale (Yolçatı brook), 37°03'N 36°06'E, 55 m, 19.07.2002; 1 male, Kaypak (Kalecik dam), 37°09'N 36°27'E, 600 m, 16.05.2003; 1 male, 1 female, near Centrum, 37°06'N 36°18'E, 140 m, 16.05.2003; 1 male, 2 females, Kadirli (Mehmetli, Mehmetli dam), 06.06.2003.

### ***Trithemis arteriosa* (Burmeister, 1839)**

**Materials:** Adana: 2 males, Kozan (Kozan dam), 37°31'N 35°50'E, 300 m, 05.06.2003; Hatay: 1 male, İskenderun, Sariseki (Sariseki brook), 36°40'N 36°13'E, 17 m, 20.07.2002; 1 male, Yayladağ (Çabala-Kızılçad road), 35°52'N 36°06'E, 394 m, 15.05.2003; 2 males, Yayladağ (Çabala-Kızılçad road), 35°52'N 36°06'E, 440 m, 09.06.2003; Mersin: 1 male, Aydıncık (Gülнар road), 36°12'N 33°21'E, 186 m, 03.06.2003; 1 male, Aydıncık (Bozağaç-Gülнар road, Menekşe brook), 36°16'N 33°23'E 680 m, 03.06.2003; Osmaniye: 1 male, Yarpuz plateau, 29.07.2003.

### ***Trithemis festiva* (Rambur, 1842)**

**Materials:** Adana: 1 male, Aladağ (Simit bridge), 37°23'N 35°26'E, 150 m, 29.07.2003; Mersin: 1 male, Bozyazı (Gözcce), 36°09'N 33°10'E, 40 m, 03.06.2003; 1 male, 1 female,

Bozyazı (between Gözce-Gözsüzce), 36°11'N 33°12'E, 115 m, 03.06.2003; 2 males, Aydıncık (Gülнар road), 36°10'N 33°21'E, 30 m, 03.06.2003.

***Selysiotthemis nigra* (Vander Linden, 1825)**

**Materials:** Hatay: 2 females, Hassa (Akbez), 36°50'N 36°37'E, 384 m, 21.07.2002; Osmaniye: 2 males, Kadirli (Orhaniye, Seyhan brook), 37°12'N 36°04'E, 48 m, 19.07.2002.

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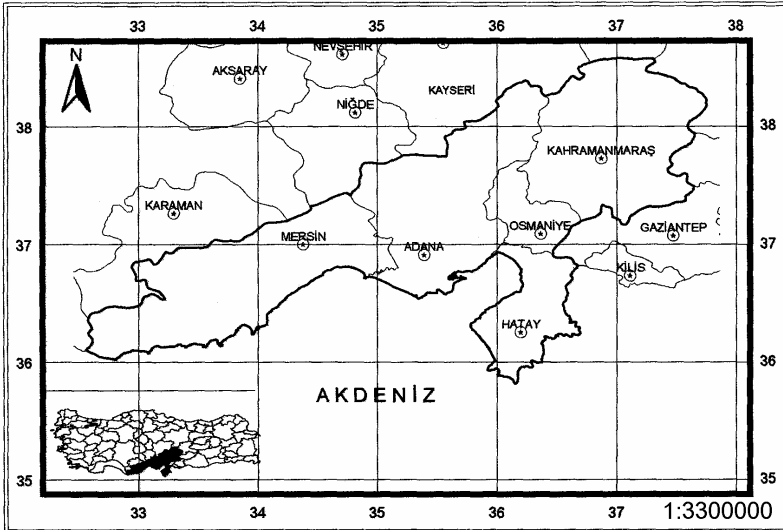


Fig. 1 Map of the East Mediterranean region of Turkey.

Table 1. Wrong identifications and the true ones of Ardiç&amp;Uygun (1996).

<b>In Ardiç ve Uygun (1996)</b>	<b>Correct</b>
<i>Calopteryx splendens</i> (Harris, 1782)	<i>Calopteryx splendens intermedia</i> (Selys 1887)
<i>Calopteryx virgo</i> (Linnaeus, 1758)	<i>Calopteryx virgo festiva</i> (Brullé 1832)
<i>Platycnemis latipes</i> (Rambur, 1842)	<i>Platycnemis dealbata</i> Selys & Hagen 1850
<i>Lestes viridis</i> (Vander Linden, 1825)	<i>Lestes viridis parvidens</i> (Artobolevski 1929)
<i>Lestes virens</i> (Charpentier, 1845)	<i>Lestes virens vestalis</i> (Rambur 1842)
<i>Ischnura elegans</i> (Vander Linden, 1823)	<i>Ischnura elegans ebneri</i> Schmidt, 1938
<i>Onychogomphus forcipatus</i> (Linnaeus, 1758)	<i>Onychogomphus forcipatus albotibialis</i> Schmidt, 1954
<i>Paragomphus genei</i> (Selys, 1841)	<i>Paragomphus lineatus</i> (Sélys & Hagen, 1850)
<i>Gomphus vulgatissimus</i> (Linnaeus, 1841)	<i>Gomphus davidi</i> Selys, 1887
<i>Orthetrum ramburi</i> (Schneider, 1848)	<i>Orthetrum coerulescens anceps</i> (Schneider, 1845)
<i>Orthetrum coerulescens</i> (Fabricius, 1789)	<i>Orthetrum chrysostigma</i> (Burmeister, 1839)
<i>Sympetrum vulgatum</i> (Linnaeus, 1758)	Doubtful, specimens was crushed.