

## ADDITIONAL RECORDS FOR THE ODONATA FAUNA OF SOUTH-WESTERN ANATOLIA - PART I: ANISOPTERA

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ABSTRACT: In this study, anisopteran specimens collected from the provinces Antalya, Aydın, Burdur, Denizli, Isparta and Muğla in South-Western Anatolia, April-September in 2000- 2002 have been established faunistically. It has been determined that they belong to 43 species and subspecies of 21 genera of 5 families.

KEY WORDS: Odonata, Anisoptera, South-Western Anatolia, Turkey.

There have been many studies reported about the Odonata fauna of Turkey until now. Among this Demirsoy (1995) (unpublished project report) was the most detailed. We have been studying the Turkish fauna of Odonata detailed since 1998. The present study consists of faunistic data belonging to south-western Anatolia. This field was studied between 2000-2002 and it collected and identified approximately 1100 anisopteran specimens. Anisoptera of the field were given at first part of the study which is about the Odonata fauna of SW Anatolia. Faunistic data belonging to Zygoptera for the field will be published soon as a second part.

The aim of this study is not to compare obtained data with the data obtained before and regional fauna. The aim of the present study is to preserve the result of the fauna of SW Anatolian Anisoptera for scientists. For this reason, no reference to any manuscript or data belonging to this region is made.

All anisopteran samples were collected from SW region of Turkey in the years 2000-2002 and they were collected by using net trap and were killed in killing jars using ethyl acetate vapour. These samples are deposited in the Zoological Museum of Gazi University (=ZMGU). Some samples were just observed from the research field and such samples are marked with "(obs.)" in the present study.

### RESULTS

#### Family AESHNIDAE

##### *Aeshna affinis* Vander Linden, 1823

**Materials:** DENİZLİ: 6 males, Bozkurt (Plateau of Çambaşı, Karagöl), 37°44'N 29°29'E, 1280 m, 08.08.2000; ISPARTA: 1 male, 1 female, Keçiborlu

(Özbahçe), 38°00'N 30°19'E, 1300m, 22.06.2000; 1 female, Cankurtaran, 38°15'N 31°22'E, 1575 m, 20.06.2001; 1 male, Senirkent (Boyalı, Eğirdir lake), 38°03'N 30°50'E, 956 m, 19.06.2002.

### ***Aeshna mixta* Latreille, 1805**

**Materials:** MUĞLA: 1 male, 1 female, Milas (Kayabaşı), 37°19'N 27°51'E, 215 m, 23.06.2002.

### ***Anaciaeschna isosceles antehumeralis* (Schmidt, 1954)**

**Materials:** ANTALYA: 2 males, Kaş (Kalkan, Yeşilköy), 36°17'N 29°21'E, 15 m, 20.05.2000; 1 female, Kalkan, 36°17'N 29°24'E, 230 m, 20.05.2000; 1 female, between Bağlıaç-Kayadibi, 22.05.2000; AYDIN: 1 male, Söke (Serçin lake), 37°33'N 27°23'E, 10 m, 16.04.2000; BURDUR: 1 male, Çavdır (Yamadı), 37°07'N 29°36'E, 960 m, 22.06.2002; ISPARTA: 1 male, Eğirdir (Kovada lake), 37°37'N 30°52'E, 930 m, 21.06.2002; DENİZLİ: 1 male, Honaz (Yukarıdağdere, Saklıgöl), 37°46'N 29°23'E, 990 m, 19.07.2000, 1 male, 17.07.2001, 1 male, 27.06.2001; 1 male, Çivril (Düzbel), 38°10'N 30°03'E, 845 m, 19.06.2002; MUĞLA: 1 male, Milas (Kazıklı-Taşhova), 37°17'N 27°39'E, 20 m, 17.04.2000; 1 male, Dalaman (Kapıgargın, Kocagöl), 36°43'N 28°01'E, 22.05.2000; 1 female, Dalaman (Race of Yuvarlak stream), 36°54'N 28°44'E, 22.05.2000; 3 females, Dalaman (Kapıgargın, Kocagöl), 36°41'N 28°50'E, 21 m, 22.04.2002.

### ***Anax immaculifrons* Rambur, 1842**

**Materials:** ANTALYA: 2 males, Kemer (Göynük), 36°40'N 30°31'E, 65 m, 04.08.2000.

### ***Anax imperator* Leach, 1815**

**Materials:** ANTALYA: 1 male, Kaş (Gömbe, Girdev lake), 36°40'N 29°40'E, 1815 m, 24.06.2000; 1 male, Kemer (between Kuzdere-Kemer), 36°36'N 30°28'E, 360 m, 14.07.2001; 1 male, Kaş (Gelemiş, Patara), 36°16'N 29°19'E, 25 m, 14.07.2001; 1 male, Manavgat (Çolaklı), 36°49'N 31°19'E, 360m, 19.08.2001; 1 female (obs.), Manavgat (Hocalar, Sarısu bridge), 36°52'N 31°15'E, 20 m, 19.08.2001; AYDIN: 1 male, Çine (Elderesi), 37°41'N 28°06'E, 625 m, 21.05.2001; BURDUR: 1 male (obs.), Çavdır (Yamadıburnu), 37°09'N 29°36'E, 975 m, 22.06.2002; DENİZLİ: 1 male, Honaz (Yukarıdağdere, Saklıgöl), 37°46'N 29°23'E, 990 m, 19.07.2000; 1 male, Tavas (Sarıabat), 37°37'N 29°12'E, 1120 m, 07.08.2000; 1 male, Çivril (between Emirhisar-Tuğlu), 38°15'N 29°50'E, 840 m, 26.06.2001; 1 male, Çivril (Bucak, Işıklı lake), 38°14'N 29°51'E, 838 m, 26.06.2001; 5 males, Honaz (Yukarıdağdere, Saklıgöl), 37°46'N 29°23'E, 970 m, 27.06.2001; 1 male, Buldan (Süleymanlı lake), 38°03'N 28°46'E, 1170 m, 17.07.2001; 1 male, Honaz (Yukarıdağdere, Saklıgöl), 37°46'N 29°23'E, 960 m, 17.07.2001; 1 female, Beyağaç (Akçay), 37°13'N 28°51'E, 655 m, 21.08.2001; ISPARTA: 1 female, Senirkent (Güreme), 38°03'N 30°47'E, 965 m, 21.06.2000; 1 male, Sütçüler (Kesme), 37°28'N 31°17'E, 1005 m, 26.06.2000; 1 male, Sütçüler (Kesme-Aşağı Yaylabel crossroads), 37°31'N 31°17'E, 892 m, 26.06.2000; 1 male, Aksu (between Yakaköy- Yenişarbademli), 37°43'N 31°16'E, 1753 m, 27.06.2000; 1 male, Yalvaç (Yarıkkaya), 38°27'N 31°02'E, 1450 m, 08.07.2000; 1 male, Yalvaç (Süçüllü, Yalvaç dam), 38°22'N 31°08'E, 1200 m, 20.06.2001; 1 male, between Gelendost-Afşar, 38°07'N 30°59'E, 965 m, 20.06.2001; 1 male, Eğirdir (Kovada dam), 37°20'N 30°52'E, 920 m, 21.06.2001; 1 male (obs.), Aksu stream, 37°47'N 31°06'E, 1305 m, 28.06.2001; 1 male, Yalvaç (Yarıkkaya), 38°28' 146'N

31°08' 672'E, 1824 m, 19.07.2001; 1 male, Sütçüler (between İncidere-Belence, Köprü river), 37°34'N 31°10'E, 730 m, 23.08.2001; 1 male, 4 females, Yalvaç (Aşağıkaşıkara, Eğirdir lake), 38°16'N 30°50'E, 930 m, 19.06.2002; MUĞLA: 1 female, Milas (Dibekdere, Sarıçay), 37°20'N 27°43'E, 41 m, 20.05.2001.

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

**Materials:** ANTALYA: 1 male, Gazipaşa (Yakacık), 36°06'N 32°33'E, 15 m, 18.08.2001; DENİZLİ: 1 female, Çivril (Beydilli, Işıklı lake), 38°15'N 29°56'E, 850 m, 18.05.2001; 2 males, Honaz (Yukarıdağdere, Saklıgöl), 37°46'N 29°23'E, 970 m, 27.06.2001, 1 male, 17.07.2001; İSPARTA: 1 female, between Gelendost-Afşar, 38°07'N 30°59'E, 965 m, 20.06.2001; 1 female, Gölcük lake, 37°43'N 30°30'E, 1410 m, 28.06.2001; 1 male, Yalvaç (Aşağıkaşıkara, Eğirdir lake), 38°16'N 30°50'E, 930 m, 19.06.2002; MUĞLA: 1 male, Köyceğiz lake, 36°57'N 28°41'E, 75 m, 18.04.2000.

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

**Materials:** AYDIN: 9 females, Söke (Serçin lake), 37°33'N 27°23'E, 10 m, 16.04.2000.

### ***Brachytron pratense* (Müller, 1764)**

**Materials:** MUĞLA: 1 male, 1 female, Dalaman (Kapıgargın, Kocagöl), 36°41'N 28°50'E, 21 m, 22.04.2002.

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

**Materials:** ANTALYA: 1 male, Elmalı (Kemer-Elmalı road, Yapraklı), 36°50'N 29°45'E, 1541 m, 23.06.2000; 1 male, Manavgat (Beşkonak road 25.km, Köprü river), 37°04'N 31°14'E, 54 m, 25.06.2000; 3 males, Beşkonak (Kırkkavak-Tazı), 37°17'N 31°13'E, 510 m, 25.06.2000; 1 male, 1 female, Beşkonak (Çaltepe), 37°19'N 31°13'E, 487 m, 25.06.2000; 1 male, Alanya (Dim river), 36°33'N 32°11'E, 100 m, 11.07.2000; 1 female, Gündoğmuş (Alara river), 36°45'N 32°02'E, 314 m, 11.07.2000; 1 male, Gündoğmuş (Alara river), 36°49'N 32°00'E, 800 m, 29.06.2001; 1 female, Gündoğmuş (between Güneyköy-Soğukpınar, Kargı river), 36°40'N 31°53'E, 130 m, 29.06.2001; 1 male, Alanya (between Soğukbeli-Payallar, Deliçay), 36°37'N 31°52'E, 115 m, 29.06.2001; 1 male, Alanya road, 36°32'N 32°17'E, 1020 m, 12.07.2001; 1 male, Alanya (Beldibi), 36°28'N 32°21'E, 720 m, 18.08.2001; 1 male, Kaş (Gömbe, Sinekçi), 36°27'N 29°39'E, 1475 m, 28.06.2001; BURDUR: 1 female, Ağlasun-Yeşilbaş road, 37°39'N 30°27'E, 1400 m, 15.07.2000; 1 male, Yeşilova (Salda beli), 37°29'N 29°36'E, 1180 m, 16.07.2000; DENİZLİ: 1 male, Beyağaç (Uzunoluk), 37°14'N 28°59'E, 900 m, 21.05.2001; 1 male, Buldan (Süleymanlı-Buldan), 38°02' E 28°47'E, 1130 m, 25.06.2001; 1 male, Honaz (Aydınlar), 37°44'N 29°22'E, 950 m, 17.07.2001; 1 male, Çardak (between Beylerli-Hayriye), 37°39'N 29°38'E, 1140 m, 17.07.2001; İSPARTA: 9 males, 1 female, Sütçüler (Kovada river), 37°35'N 30°52'E, 890 m, 19.05.2000; 1 male, Aksu (Dedegöl mountains), 37°42'N 31°17'E, 1610 m, 13.07.2000; 2 males, Aksu (Dedegöl mountains, İnişdibi stream), 37°42'N 31°14'E, 1290 m, 13.07.2000; 1 male, Aksu (Yakaafsar), 37°44'N 31°10'E, 1260 m, 14.07.2000; MUĞLA: 1 male, Kavaklıdere (Dokuzçam), 37°24'N 28°29'E, 645 m, 16.07.2001; 1 female, Köyceğiz (Beyobası, Yuvarlak stream), 36°54'N 28°47'E, 110 m, 22.04.2002.

## Family GOMPHIDAE

### *Gomphus flavipes lineatus* Bartenev, 1929

**Materials:** AYDIN: 1 male, Söke (Sarıkemere, Büyük Menderes river), 37°38'N 27°22'E, 24 m, 20.05.2001; 5 males, Nazilli (Büyük Menderes river), 37°52'N 28°19'E, 66 m, 25.06.2001.

### *Gomphus schneideri* Sélys, 1850

**Materials:** ANTALYA: 1 male, Korkuteli-Elmalı road 15. km, 36°56'N 30°09'E, 1360 m, 26.05.2002; DENİZLİ: 1 male, Çivril (Yuva), 38°17'N 29°54'E, 850 m, 18.05.2001; 1 male, Çivril (Sarıbeyli, Büyük Menderes river), 38°09'N 29°38'E, 827 m, 18.05.2001; 1 female, Çivril (DSİ watering regulator), 38°13'N 29°49'E, 842 m, 28.05.2002; 1 female, Acıpayam (Çakır), 37°18'N 29°20'E, 830 m, 22.06.2002; ISPARTA: 2 males, 1 female, Eğirdir (Aşağı Gökdere crossroads), 37°33'N 30°47'E, 365 m, 21.06.2002; MUĞLA: 1 male, Fethiye (Uğurlu), 36°37'N 29°20'E, 140 m, 22.05.2000; 2 males, Yatağan (Madenler stream), 37°20'N 28°09'E, 394 m, 27.05.2002; 1 male, 1 female, Yatağan (Kayırlı), 37°25'N 28°08'E, 300 m, 27.05.2002; 1 male, Köyceğiz (Sultaniye), 36°54'N 28°35'E, 15 m, 25.06.2002; 1 male, Köyceğiz (Hamitköy), 36°56'N 28°36'E, 13 m, 25.06.2002.

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

**Materials:** ANTALYA: 1 female, Beşkonak-Köprülü Kanyon, 37°10'N 31°11'E, 164 m, 25.06.2000; 1 male, 1 female, Manavgat (Sağırını, Köprülü Kanyon), 37°03'N 31°13'E, 65 m, 25.06.2000; 1 female, Gündoğmuş (Güzelbağ), 36°45'N 32°01'E, 285 m, 29.06.2001; DENİZLİ: 1 male, Çameli (Kirazlıyaylı, Karabayır steram), 36°58'N 29°11'E, 840 m, 16.07.2000; ISPARTA: 1 female, Aksu (Anamas plateau), 37°49'N 31°13'E, 1896 m, 14.07.2000.

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

**Materials:** MUĞLA: 3 males, 4 females Kemer (Kaynazlı, Kaynazlı steram), 22.05.2000.

### *Onychogomphus forcipatus albotibialis* Schmidt, 1954

**Materials:** ANTALYA: 1 male, Finike (Alakır dam), 36°23'N 30°12'E, 55 m, 20.05.2000; 2 males, Kumluca (between Güzören-Karaağaç), 36°28'N 30°20'E, 535 m, 25.06.2000; 1 male, Gündoğmuş (Güneycik), 36°46'N 31°46'E, 500 m, 12.07.2000; 2 males, 2 females, Alanya (Demirtaş, Sedre river), 36°25'N 32°11'E, 30 m, 26.05.2001; 1 male, Gündoğmuş (Alara river), 36°49'N 32°00'E, 800 m, 29.06.2001; 1 male, Alanya (Karapınar, Geve bridge), 36°36'N 32°24'E, 1100 m, 12.07.2001; 1 male, Kemer, 36°36'N 30°29'E, 165 m, 14.07.2001; 1 male, Alanya (between Beldibi-Fakırçalı), 36°28'N 32°17'E, 520 m, 18.08.2001; 2 males, Finike (between Arifköy-Kilittepe, race of Akçay), 36°29'N 30°04'E, 380 m, 26.05.2002; AYDIN: 3 males, Kuyucak (between Başaran-Azizabat, Dandalaz river), 37°52'N 28°32'E, 115 m, 25.06.2001; BURDUR: 1 male, Yeşilova (Salda lake), 37°30'N 29°39'E, 1375 m, 18.07.2001; DENİZLİ: 1 male, Çivril (Gökgöl), 38°12'N 30°02'E, 850 m, 18.05.2001; 2 males, Acıpayam (Alaattin), 37°27'N 29°16'E, 1020 m, 22.06.2001; 1 male, Acıpayam (between Aliveren-Darıveren, Güre mountain), 37°14'N 29°27'E, 1140 m, 27.06.2001; 1 male, Çivril (Beyköy), 38°11'N 29°53'E, 841 m, 28.05.2002; ISPARTA: 1 male, Sütçüler (Kovada river), 37°35'N 30°52'E, 890 m, 19.05.2000; 1 male, Yalvaç (Aşağıkaşıkara, Eğirdir lake),

38°15'N 30°48'E, 940 m, 21.06.2000; 6 males, 3 females, Senirkent (Gençali, Eğirdir lake), 38°14'N 30°45'E, 950 m, 21.06.2000; 1 male, 1 female, Senirkent (Gençali, Eğirdir lake), 38°14'N 30°45'E, 950m, 21.06.2000; 1 male, Sütçüler (Ayvalıpınar), 37°40'N 31°01'E, 1070 m, 15.07.2000; 3 males, Yenişarbademli, 37°41'N 31°19'E, 1230 m, 13.07.2000; 2 males, Sütçüler (between Sütçüler-Boğazköy), 37°31'N 30°59'E, 960 m, 15.07.2000; 1 male, Senirkent (Gençali, Eğirdir lake), 38°14'N 30°45'E, 950 m, 19.07.2000; 2 males, 1 female, Sütçüler (between Ayvalıpınar-Baklan, Köprü river), 37°41'N 31°01'E, 1145 m, 10.08.2000; 1 male, Sütçüler (Melihler-Çandır crossroads), 37°27'N 30°52'E, 310 m, 21.06.2001; 1 male, Yalvaç (Bağkonak), 38°13 195'N 31°17 252'E, 1245 m, 20.07.2001; 1 male, 1 female, Sütçüler (between Belence-Ayvalı), 37°39'N 31°04'E, 1100 m, 23.08.2001; 1 male, Yalvaç (Aşağıkaşıkara, Eğirdir lake), 38°16'N 30°50'E, 930 m, 19.06.2002; 3 males, 4 females, Senirkent (Boyalı, Eğirdir lake), 38°03'N 30°50'E, 956 m, 19.06.2002; 2 males, 1 female, Eğirdir (Aşağı Gökdere crossroads), 37°33'N 30°47'E, 365 m, 21.06.2002; MUĞLA: 1 female, Milas (Taşlı- Kızılağaç), 37°17'N 27°19'E, 20 m, 17.04.2000; 1 male, Kemer (Kıncılar, Kıncılar stream), 22.05.2000; 1 male, Köyceğiz (Karaböğürtlen, Bahıklı river), 37°00'N 28°32'E, 70 m, 18.07.2000; 1 female, Köyceğiz (Karaböğürtlen, Fethiye deresi), 37°00'N 28°30'E, 90 m, 18.07.2000; 1 male, 3 females, Ula (Yaylasöğüt), 37°12'N 28°40'E, 925 m, 18.07.2000; 1 male, Kemer (Ceylan, stream), 36°49'N 29°33'E, 1140m, 06.08.2000; 3 males, Kemer (Bekçiler), 36°53'N 29°40'E, 1250m, 06.08.2000; 3 males, 1 female, between Kemer-Karahasantaşı (race of Esen Çayı), 36°56'N 29°38'E, 1390m, 06.08.2000; 1 male, Yatağan (between Şahinler-Madenler), 37°20'N 28°07'E, 350 m, 25.06.2001; 1 female, Milas (Yusufulca), 37°19'N 27°51'E, 175 m, 16.07.2001; 1 male, Karacaören (race of Akçay), 37°13'N 28°45'E, 580 m, 21.08.2001; 1 male, between Beyağaç-Karacaören, 37°13'N 28°50'E, 625 m, 21.08.2001; 1 male, Ula (Yeşilçam), 36°59'N 28°25'E, 157 m, 25.06.2002; 1 male, Marmaris (Aksaz cove), 36°57'N 28°25'E, 370 m, 25.06.2002; 1 female, Köyceğiz (Aksaz cove), 36°55'N 28°25'E, 108 m, 25.06.2002; 1 male, Dalaman (Tersakan-II), 36°47'N 28°49'E, 13 m, 25.06.2002; 1 male, Fethiye, 03.05.2002; 2 males, Milas (Kayabaşı), 37°19'N 27°51'E, 215 m, 23.06.2002.

### ***Lindenia tetraphylla* (Vander Linden, 1825)**

**Materials:** AYDIN: 1 male, Nazilli (Esen, Akçay), 37°47'N 28°19'E, 80 m, 25.06.2001; MUĞLA: 1 male, 1 female, Dalaman (Kapıgargın, Kocagöl), 36°41'N 28°50'E, 4 m, 15.07.2001; 1 male, Köyceğiz (Hamitköy), 36°56'N 28°36'E, 13 m, 25.06.2002.

## **Family CORDULEGASTERIDAE**

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

**Materials:** ANTALYA: 2 males, İkizpınar (Yeşilbağ), 37°23'N 31°16'E, 754 m, 26.06.2000; BURDUR: 1 male, Karacaören, 37°32'N 30°13'E, 1435 m, 15.07.2000; 1 male, between Güney-Yeşilova (Salda beli), 37°29'N 29°36'E, 1165 m, 23.05.2000; 1 male, Karamanlı (Kayalı), 37°18'N 29°55'E, 1083 m, 23.06.2000; 1 male, Ağlasun-Yeşilbaş road, 37°39'N 30°27'E, 1400 m, 15.07.2000; DENİZLİ: 1 male (obs.), Çameli (Aliveren-Kınıkyeri, Güre mountain), 37°12'N 29°26'E, 1500 m, 27.06.2001; ISPARTA: 1 male, Yalvaç (between Bağkonak- Cankurtaran, Sultandağı), 38°15'N 31°20'E, 1663 m, 27.06.2000; 1 male, Cankurtaran, 38°17'N 31°26'E, 1349 m, 27.06.2000; 1 male, Aksu (Dedegöl mountains), 37°42'N 31°17'E, 1610 m, 13.07.2000; 1 male,

Keçiborlu (Özbağçe), 38°01'N 30°21'E, 1330 m, 19.07.2000; 1 male, Yenişarbademli, 37°43'N 31°20'E, 1445 m, 10.08.2000; 1 female, Yalvaç (Süciüllü, Yalvaç dam), 38°22'N 31°08'E, 1200 m, 21.06.2000; 1 male, Yalvaç (Yarıkkaya), 38°27'N 31°01'E, 1764 m, 26.07.2001; MUĞLA: 3 males, Köyceğiz (Yayla, Gölgeli mountains), 37°03'N 28°47'E, 1730 m, 17.07.2000; 1 male, Köyceğiz (Yayla), 37°01'N 28°45'E, 867 m, 15.07.2001; 1 male, Köyceğiz (Gölgeli mountains), 37°02'N 28°47'E, 1670 m, 15.07.2001; 1 male, Fethiye (Babadağ, near cistern), 03.05.2002.

***Cordulegaster picta* Selys, 1854**

**Material:** DENİZLİ: 1 male, Denizli (between Buldan-Süleymanlı), 38°02'N 28°47'E, 1120 m, 17.07.2001.

**Family CORDULIIDAE**

***Somatochlora flavomaculata* (Vander Linden, 1825)**

**Material:** MUĞLA: 1 male, Dalaman (Kapıgargın, Kocagöl), 36°42'N 28°50'E, 17 m, 13.07.2001.

**Family LIBELLULIDAE**

***Libellula depressa* Linnaeus, 1758**

**Materials:** DENİZLİ: 2 males, Acıpayam (Alaattin), 37°27'N 29°16'E, 1020 m, 22.06.2001; 1 male, Çivril (between Emirhisar-Tuğlu), 38°15'N 29°50'E, 840 m, 26.06.2001; ISPARTA: 1 female, Yalvaç (Özgüney), 38°15'N 31°12'E, 1120 m, 19.06.2002; 1 female, Aksu (between Karaği-Yakaafşar), 37°45'N 31°07'E, 1215 m, 28.06.2001; MUĞLA: 2 males, Milas (Geyik dam), 37°23'N 27°53'E, 486 m, 23.06.2001.

***Libellula fulva* Müller, 1764**

**Materials:** ANTALYA: 1 male, Kalkan (Yeşilköy), 36°17'N 29°19'E, 8 m, 27.05.2001; AYDIN: 1 male, Yenipazar (Donduran, Akçay), 37°50'N 28°13'E, 75 m, 21.05.2001; 1 male, Kuyucak (between Başaran-Azizabat, Dandalaz river), 37°52'N 28°32'E, 115 m, 25.06.2001; 1 male, Umurlu (Büyük Menderes river), 37°48'N 27°57'E, 56 m, 27.05.2002; MUĞLA: 1 female, between Göcek-Fethiye, 36°43'N 29°01'E, 599 m, 22.05.2000; 3 males, Dalaman (Kapıgargın, Kocagöl), 36°43'N 28°01'E, 22.05.2000; 1 male, Dalaman (Kapıgargın, Kocagöl), 36°41'N 28°50'E, 21 m, 22.04.2002.

***Libellula pontica* (Selys, 1887)**

**Materials:** ANTALYA: 1 female, Kaş (Kalkan, Yeşilköy), 36°17'N 29°21'E, 15 m, 20.05.2000; DENİZLİ: 1 male, 1 female, Çivril (Yuva), 38°17'N 29°54'E, 850 m, 18.05.2001; 1 male, 1 female, Çivril (DSİ watering regulator), 38°13'N 29°49'E, 842 m, 28.05.2002; MUĞLA: 2 males, 4 females, Milas (Kazıklı-Taşlıova), 37°17'N 27°39'E, 20 m, 17.04.2000.

***Libellula quadrimaculata* Linnaeus, 1758**

**Materials:** DENİZLİ: 1 male, Honaz (Yukarıdağdere, Saklıgöl), 37°46'N 29°23'E, 990 m, 19.07.2000; 1 male, Honaz (Yukarıdağdere, Saklıgöl), 37°46'N 29°23'E, 970 m, 27.06.2001.

***Orthetrum albistylum* (Selys, 1848)**

**Materials:** AYDIN: 2 females, Nazilli (Büyük Menderes river), 37°52'N 28°19'E, 66 m, 25.06.2001; ISPARTA: 1 male, between Gelendost-Afşar, 38°07'N 30°59'E, 965 m, 20.06.2001.

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

**Materials:** ANTALYA: 1 male, Elmalı (Avlan lake), 36°34'N 29°57'E, 1033 m, 21.05.2000; 2 males, 2 females, Elmalı (Avşar), 36°33'N 29°43'E, 1116 m, 24.06.2000; 1 male, Finike (Arifköy), 36°29'N 30°04'E, 365 m, 24.06.2000; 1 female, Kumluca (Gölcükköy), 36°39'N 30°25'E, 1130 m, 25.06.2000; 1 female, Manavgat (between Değirmenözü-Yeşilbağ), 37°23'N 31°16'E, 677 m, 26.06.2000; 1 male, Akseki (Mahmutlar), 36°55'N 31°45'E, 1876 m, 12.07.2000; 1 female, Kemer (Beldibi), 36°44'N 30°32'E, 80 m, 04.08.2000; 1 male, Finike (Akyaka, Akçay), 36°28'N 30°05'E, 345m, 05.08.2000; 1 male, Kaş (Gömbe), 36°31'N 29°40'E, 1260 m, 05.08.2000; 2 females, Kaş (Sinekçibeli passageway), 36°27'N 29°39'E, 1470 m, 05.08.2000; 1 female, Kalkan (Yeşilköy), 36°17'N 29°19'E, 8 m, 27.05.2001; 1 male, Manavgat (Hocalar, Sarısu bridge), 36°52'N 31°15'E, 20 m, 19.08.2001; 1 male, Serik (Cumalar, Kayıburnu stream), 36°55'N 31°02'E, 30 m, 14.09.2001; AYDIN: 5 males, 2 females, Çine (between Subaşı-Dalama), 37°44'N 28°03'E, 150 m, 25.06.2001; 2 males, 1 female, Kuyucak (between Başaran-Azizabat, Dandalaz river), 37°52'N 28°32'E, 115 m, 25.06.2001; 1 female, Bozdoğan (Kazandere), 37°38'N 28°22'E, 140 m, 12.09.2001; 1 male, Çine (Eskiçine, Çine river), 37°31'N 28°04'E, 85 m, 27.05.2002; BURDUR: 1 female, Yeşilova (between Orhanlı-Yeşilova), 37°35'N 29°06'E, 1190 m, 22.06.2000; 1 female, Ağlasun-Yeşilbaş road, 37°39'N 30°27'E, 1400 m, 15.07.2000; 4 males, Yeşilova (Sazak), 37°32'N 29°56'E, 935 m, 15.07.2000; 1 male, Gölhisar (Gölhisar lake, Uylupınar), 37°06'N 29°36'E, 980m, 06.08.2000; 1 female, Gölhisar (Çamköy), 37°14'N 29°31'E, 933 m, 07.08.2000; 1 female, Yeşilova (Aşağıkırılı, Akgöl), 37°41'N 29°44'E, 1020 m, 08.08.2000; 1 male, Karaçal, Karaçal dam, 37°33'N 30°04'E, 930 m, 09.08.2000; 1 female, Yeşilova (Işıklar), 37°33'N 29°46'E, 1170 m, 18.07.2001; 1 male, Yeşilova (Dereköy), 37°39'N 29°48'E, 1080 m, 18.07.2001; 1 male, Kovacık, 37°42'N 29°58'E, 1206 m, 18.07.2001; 1 male, Karamanlı (stream), 37°25'N 29°49'E, 1196 m, 20.08.2001; DENİZLİ: 1 female, Acıpayam (Çakır, Dalaman river), 37°18'N 29°20'E, 825 m, 16.07.2000; 3 males, Çameli (Kırızlıyaylı, Karabayır stream), 36°58'N 29°11'E, 840 m, 16.07.2000; 1 female, Acıpayam (Karahöyük), 37°30'N 29°20'E, 876 m, 18.07.2000; 1 male, Honaz (Yukarıdağdere, Saklıgöl), 37°46'N 29°23'E, 990 m, 19.07.2000; 1 female, Çardak (Acıgöl), 37°49'N 29°25'E, 780 m, 19.07.2000; 1 male, Bozkurt (Plateau of Çambaşı, Karagöl), 37°44'N 29°29'E, 1280 m, 08.08.2000; 1 female, Akköy (Pamukkale, Travertens), 37°55'N 29°07'E, 285 m, 07.08.2000; 2 males, 1 female, Buharkent (Meyremoğlu, Büyük Menderes DSİ watering regulator), 37°56'N 28°42'E, 142 m, 19.05.2001; 1 female, Acıpayam (Alaattin), 37°27'N 29°16'E, 1020 m, 22.06.2001; 1 male, Buldan (between Buldan-Süleymanlı), 38°02'N 28°47'E, 1120 m, 17.07.2001; 1 male, Honaz (Akbaş), 37°43'N 29°25'E, 1127 m, 17.07.2001; 1 male, Çardak (between Beylerli-Hayriye), 37°39'N 29°38'E, 1140 m, 17.07.2001; 1 female, Beyağaç (Akçay), 37°13'N 28°51'E, 655 m, 21.08.2001; 1 male, Honaz (Kaklık), 37°49'N 29°25'E, 580 m, 22.08.2001; 1 male, Çivril (Gümüüşsu), 38°15'N 29°55'E, 850 m, 11.09.2001; ISPARTA: 1 male, Yalvaç (Celeptaş), 38°19'N 31°03'E, 1185 m, 21.06.2000; 1 male, Sütçüler (Kesme), 37°28'N 31°17'E, 1005 m, 26.06.2000; 1 male, 2 females, Sütçüler (between Sağrak-Sipahiler), 37°35'N 30°59'E, 1118 m,

26.06.2000; 1 male, Aksu (between Yakaköy- Yenişarbademli), 37°43'N 31°16'E, 1753 m, 27.06.2000; 1 male, Yenişarbademli, 37°42'N 31°24'E, 1180 m, 13.07.2000; 2 females, Yenişarbademli, 37°41'N 31°19'E, 1230 m, 13.07.2000; 1 male, Aksu (between Aksu-Yakaköy), 37°43'N 31°17'E, 1820 m, 14.07.2000; 1 male, between Aksu-Yenişarbademli, 37°43'N 31°16'E, 1753 m, 14.07.2000; 2 males, 2 females, Aksu (Karağı), 37°45'N 31°07'E, 1230 m, 14.07.2000; 1 female, Aksu (Aksu river), 37°49'N 31°06'E, 1340 m, 14.07.2000; 1 male, 1 female, Sütçüler (Sipahiler, Taşlıkkır stream), 37°38'N 30°59'E, 1185 m, 15.07.2000; 1 male, 1 female, Keçiborlu (Özbahçe), 38°01'N 30°21'E, 1330 m, 19.07.2000; 1 female, Aksu (Yılanlı), 37°47'N 31°00'E, 1225 m, 14.07.2000; 8 males, Uluborlu (İleydağ), 38°03'N 30°24'E, 1160 m, 19.07.2000; 2 males, Eğirdir (Akbenli), 37°38'N 30°51'E, 930 m, 10.08.2000; 4 males, Sütçüler crossroads (Kovada river), 37°33'N 30°51'E, 630 m, 10.08.2000; 1 male, Aksu (Karağı), 37°45'N 31°07'E, 1210 m, 10.08.2000; 1 male, Uluborlu (İleydağı, Pupa river), 38°03'N 30°29'E, 1160 m, 15.09.2000; 1 male, Yalvaç (Özbeyaz), 38°15'N 31°12'E, 1120 m, 20.06.2001; 1 female, Sütçüler (Melihler-Çandır crossroads), 37°27'N 30°52'E, 310 m, 21.06.2001; 1 female, Sütçüler (Karacaören dam), 37°25'N 30°53'E, 280 m, 21.06.2001; 1 male, 1 female, Eğirdir (between Aksu-Yılanlı), 37°47'N 30°58'E, 1210 m, 28.06.2001; 1 female, Yalvaç (Bağkonak, Sultandağı), 38°13'N 31°17'N 654'E, 1260 m, 19.07.2001; 1 male, Yalvaç (Bağkonak), 38°13'N 31°17'N 536'E, 1327 m, 19.07.2001; 1 male, 1 female, Yalvaç (Bağkonak), 38°14'N 31°18'N 872'E, 1420 m, 19.07.2001; 1 female, Yalvaç (Bağkonak, Sultandağı), 38°14'N 31°22'E, 1665 m, 25.07.2001; 1 male, Yalvaç (Yarıkkaya), 38°27'N 31°02'E, 1365 m, 26.07.2001; 2 females, Yalvaç (Yarıkkaya), 38°27'N 31°02'E, 1753 m, 26.07.2001; 1 male, 1 female, Güneyce, 37°39'N 30°43'E, 666 m, 23.08.2001; 1 female, Eğirdir (Göktaş, Koysazi stream), 37°50'N 30°53'E, 1500 m, 25.05.2002; 2 males, Eğirdir-Isparta road, 37°58'N 30°46'E, 1220 m, 25.05.2002; MUĞLA: 1 male, Dalaman (Kapıgargin crossroads, Tersakan river), 36°47'N 28°51'E, 22.05.2000; 1 male, Dalaman (Tersakan-III), 36°47'N 28°49'E, 23 m, 17.07.2000; 4 males, 5 females, Köyceğiz (Yayla, Gölgeği mountains), 37°03'N 28°47'E, 1730 m, 17.07.2000; 2 males, 1 female, Kemer (Ceylan), 36°49'N 29°33'E, 1140 m, 06.08.2000; 4 males, 2 females, Kemer (Bekçiler), 36°53'N 29°40'E, 1250 m, 06.08.2000; 1 male, between Kemer-Karahasantaşı (race of Esen river), 36°56'N 29°38'E, 1390 m, 06.08.2000; 4 females, Yatağan (Pınarbaşı), 37°18'N 28°07'E, 352 m, 23.06.2001; 1 male, Yatağan (between Gökgedik-Katranlı), 37°23'N 27°56'E, 595 m, 23.06.2001; 1 male, Mentеше (Sungur), 37°24'N 28°31'E, 660 m, 16.07.2001; 1 female, between Beyağaç-Karacaören, 37°13'N 28°50'E, 625 m, 21.08.2001; 1 male, Köyceğiz (Hamitköy), 36°56'N 28°36'E, 13 m, 25.06.2002.

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

**Materials:** ANTALYA: 1 female, Manavgat (Manavgat dam), 36°50'N 31°31'E, 65 m., 21.04.2001; AYDIN: 2 females, Çine (Elderesi), 37°41'N 28°06'E, 625 m, 21.05.2001; 2 males, Çine (Kavşit, Çatak pool), 37°39'N 28°08'N, 705 m, 21.05.2001; 1 male, Çine (Topçam dam), 37°41'N 28°01'E, 135 m, 25.06.2001; BURDUR: 1 male, Bucak (Karacaören-II dam), 37°19'N 30°48'E, 210 m, 19.05.2000; 1 male, Tefenni (Hasanpaşa, Hasanpaşa pool), 37°15'N 29°53'E, 1217 m, 23.06.2000; 1 female, Yeşilova (Salda beli), 37°29'N 29°36'E, 1180 m, 16.07.2000; 1 male, Gölhisar (Gölhisar lake, Uylupınar), 37°06'N 29°36'E, 980m, 06.08.2000; 1 female, Yeşilova (Salda beli), 37°29'N 29°36'E, 1180 m, 09.08.2000; 1 male, Yeşilova (Salda lake), 37°30'N 29°39'E, 1375 m,



18.07.2001; 1 male, Karamanlı (Karataş lake), 37°22'N 29°57'E, 1067 m, 20.08.2001; DENİZLİ: 3 males, 1 female, Honaz (Yukarıdağdere, Saklıgöl), 37°46'N 29°23'E, 990 m, 19.07.2000; 1 male, Honaz (Yukarıdağdere, Saklıgöl), 37°46'N 29°23'E, 990 m, 07.08.2000; 3 females, Bozkurt (Plateau of Çambaşı, Karagöl), 37°44'N 29°29'E, 1280 m, 08.08.2000; 1 male, Çivril (Beydilli, Işıklı lake), 38°15'N 29°56'E, 850 m, 08.08.2000; 1 male, 1 female, Çivril (DSİ watering regulator), 38°13'N 29°49'E, 842 m, 28.05.2002; ISPARTA: 1 male, 1 female, Yalvaç (Eğirdir lake), 38°16'N 30°50'E, 948 m, 21.06.2000; 3 males, 8 females, Senirkent (Gençali, Eğirdir lake), 38°14'N 30°45'E, 950 m, 21.06.2000; 1 female, Sütçüler (between Sağrak - Sipahiler), 37°35'N 30°59'E, 1118 m, 26.06.2000; 1 male, Keçiborlu (Kozluca), 37°55'N 30°15'E, 1160 m, 19.07.2000; 1 male, Uluborlu (İleydağ), 38°03'N 30°24'E, 1160 m, 19.07.2000; 1 female, Gölcük lake, 37°43'N 30°30'E, 1430 m, 09.08.2000; 1 male, Eğirdir (Akbenli), 37°38'N 30°51'E, 930 m, 10.08.2000; 1 male, Sütçüler crossroads (Kovada Çayı), 37°33'N 30°51'E, 630 m, 10.08.2000; 1 male, Eğirdir (Kovada road), 37°41'N 30°52'E, 921 m, 21.06.2001; 3 males, Eğirdir (Kovada dam), 37°20'N 30°52'E, 920 m, 21.06.2001; 1 male, 1 female, between Gelendost-Afşar, 38°07'N 30°59'E, 965 m, 20.06.2001; 1 male, 1 female, Gölcük lake, 37°43'N 30°30'E, 1410 m, 28.06.2001; 1 male, 2 females, Yalvaç (Süçüllü, Yalvaç dam), 38°22'N 31°08'E, 1200 m, 21.06.2000; 1 female, Senirkent (Gençali, Eğirdir lake), 38°14'N 30°45'E, 950m, 21.06.2000; 2 females, Sütçüler (Melihler-Çandır crossroads), 37°27'N 30°52'E, 310 m, 21.06.2001; 1 male, between Aksu-Karaği (Aksu river and dam), 37°47'N 31°06'E, 1305 m, 28.06.2001; 1 female, Yalvaç (Süçüllü, Yalvaç dam), 38°22'N 31°08'E, 1190 m, 08.07.2001; 1 male, Sütçüler (between İncidere-Belence, Köprü river), 37°34'N 31°10'E, 730 m, 23.08.2001; 2 females, Yalvaç (Aşağıkaşıkara, Eğirdir lake), 38°16'N 30°50'E, 930 m, 19.06.2002; 1 male, Senirkent (Kayağız), 38°08'N 30°46' E, 830 m, 19.06.2002; 1 male, Eğirdir (Kovada lake), 37°37'N 30°52'E, 930 m, 21.06.2002; MUĞLA: 1 male, Yatağan (Memişler crossroad, Kayırlı bridge), 37°25'N 28°08'E, 340 m, 25.06.2001; 1 female, Dalaman (Kapıgargin, Kocagöl), 36°41'N 28°50'E, 5 m, 25.06.2002.

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

**Materials:** ANTALYA: 1 male, Manavgat (Oymapınar dam), 36°54'N 31°31'E, 50 m, 19.08.2001; 1 male, 1 female, Manavgat (Hocalar, Sarısu bridge), 36°52'N 31°15'E, 20 m, 19.08.2001; 1 male, Serik (Sağırini, Köprü river), 37°00'N 31°12'E, 57 m, 26.06.2002; BURDUR: 1 female, Yeşilova (Karaatlı), 37°33'N 29°49'E, 1230 m, 09.07.2000; MUĞLA: 1 male, Fethiye (Uğurlu), 36°37'N 29°20'E, 140 m, 22.05.2000; 1 male, Köyceğiz (Karaböğürtlen, Fethiye stream), 37°00'N 28°30'E, 90 m, 18.07.2000; 1 male, Fethiye (Susambeleni stream), 36°41'N 29°06'E, 22 m, 15.07.2001; 1 male, Dalaman (Gürköy), 36°48'N 28°50'E, 32 m, 20.08.2001.

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

**Materials:** ANTALYA: 1 male, 1 female, Kale-Kaş road (Kekova), 36°14'N 29°45'E, 20.05.2000; 1 male, Alanya (Oba, Alacami), 36°33'N 32°11'E, 100 m, 11.07.2000; 1 male, Gazipaşa (Kocadere), 36°15'N 32°19' E, 30 m, 26.05.2001; 1 female, Alanya (Demirtaş, Sedre river), 36°25'N 32°10'E, 22 m, 29.06.2001; 1 male, Kemer (Between Kuzdere-Kemer), 36°36'N 30°28'E, 360 m, 14.07.2001; 1 male, Gazipaşa (Kahyalı, Delice bridge), 36°17'N 32°16'E, 2 m, 18.08.2001; AYDIN: 1 female, Nazilli (Büyük Menderes river), 37°52'N 28°19'E, 66 m, 25.06.2001; female, Nazilli (Büyük Menderes river), 37°52'N 28°19'E, 85 m,

12.09.2001; 1 male, Kuyucak (between Başaran-Azizabat, Dandalaz river), 37°52'N 28°32'E, 115 m, 25.06.2001; 1 male, Çine (Yürükler, Çine river), 37°39'N 28°00'E, 65 m, 23.06.2002; BURDUR: 2 males, Yeşilova (Sazak), 37°32'N 29°56'E, 935 m, 15.07.2000; 10 males, 4 females, Yeşilova (Salda beli), 37°29'N 29°36'E, 1180 m, 16.07.2000; 2 females, Yeşilova (Büyükyaka), 37°37'N 29°53'E, 1280 m, 08.08.2000; 5 males, 4 females, Yeşilova (Salda beli), 37°29'N 29°36'E, 1180 m, 09.08.2000; DENİZLİ: 1 female, Akköy (Pamukkale, Travertens), 37°55'N 29°07'E, 285 m, 07.08.2000; 1 male, Çardak (Acıgöl), 37°49'N 29°25'E, 780 m, 19.07.2000; 1 male, Serinhisar, 37°37'N 29°17'E, 1100 m, 07.08.2000; 6 males, 1 female, Honaz (Yukarıdağdere, Saklıgöl), 37°46'N 29°23'E, 990 m, 07.08.2000; 1 male, Acıpayam (Alaattin), 37°27'N 29°16'E, 1020 m, 22.06.2001; 1 male, Honaz (Yukarıdağdere, Saklıgöl), 37°46'N 29°23'E, 960 m, 17.07.2001; 1 male, Çardak (Gemiş, Acıgöl), 37°46'N 29°50'E, 860 m, 20.06.2002; ISPARTA: 1 male, Yenişarbademli, 37°41'N 31°19'E, 1230 m, 13.07.2000; 5 males, 3 females, Aksu (between Aksu-Yakaköy), 37°43'N 31°17'E, 1820 m, 14.07.2000; 7 males, Aksu (Yılanlı), 37°47'N 31°00'E, 1225 m, 14.07.2000; 1 male, Aksu (Karağlı), 37°45'N 31°07'E, 1230 m, 14.07.2000; 1 male, Uluborlu (İleydağ), 38°03'N 30°24'E, 1160 m, 19.07.2000; 1 female, Gelincik, 37°45'N 30°24'E, 1140 m, 09.08.2000; 1 female, Sütçüler (Sipahiler), 37°38'N 30°59'E, 1200 m, 10.08.2000; 2 males, 1 female, Eğirdir (between Aksu-Yılanlı), 37°47'N 30°58'E, 1210 m, 28.06.2001; 1 male, 1 female, Yalvaç (Aşağıkaşıkara, Eğirdir lake), 38°16'N 30°50'E, 930 m, 19.06.2002; MUĞLA: 1 male, 1 female, Fethiye (Uğurlu), 36°37'N 29°20'E, 140 m, 22.05.2000; 1 male, Arpacık, 36°50'N 29°11'E, 1125 m, 16.07.2000; 1 female, Fethiye (Günlüklü), 36°43'N 29°01'E, 22 m, 17.07.2000; 2 males, between Kemer-Karahasantaşı (race of Esen Çayı), 36°56'N 29°38'E, 1390m, 06.08.2000; 1 male, Milas (Akgedik dam), 37°19'N 27°49'E, 90 m, 23.06.2001; 1 male, Köyceğiz (Köyceğiz lake), 36°57'N 28°41'E, 4 m, 20.08.2001; 1 male, between Beyağaç-Karacaören, 37°13'N 28°50'E, 625 m, 21.08.2001; 1 male, Köyceğiz lake, 36°57'N 28°41'E, 16 m, 13.09.2001; 1 female, Dalaman (Tersakan-II), 36°47'N 28°49'E, 28 m, 13.09.2001.

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

**Materials:** ANTALYA: 1 male, Finike (Hasyurt, Alakır river), 36°18'N 30°15'E, 5 m, 14.07.2001; AYDIN: 1 male (obs.), Nazilli (Esenköy, Akçay), 37°52'N 28°18'E, 76 m, 22.08.2001; 1 male, Çine (Tepeköy, Topçam dam), 37°41'N 28°00'E, 130 m, 27.05.2002; 1 male, Baltolay, 37°46'N 27°50'E, 50 m, 27.05.2002, 1 male (obs.), Söke (Yeşilköy, Azap lake), 37°34'N 27°26'E, 17 m, 23.06.2002; BURDUR: 1 male, Çavdır (Yamadı), 37°07'N 29°36'E, 960 m, 22.06.2002; DENİZLİ: 1 male, Sarayköy (Köprübaşı, Büyük Menderes river), 37°57'N 28°55'E, 155 m, 22.08.2001; MUĞLA: 3 males, 1 female, Milas (Söke road 6. km, Sarıçay), 37°20'N 27°43'E, 41 m, 23.06.2001; 1 male, Milas (Kapıkırı, Bafa lake), 37°28'N 27°32'E, 30 m, 23.06.2001; 1 female, Dalaman (Kapıgargın, Kocagöl), 36°41'N 28°50'E, 4 m, 15.07.2001; 1 male, Dalaman (Kapıgargın, Kocagöl), 36°42'N 28°50'E, 17 m, 13.09.2001; 1 male (obs.), Dalaman (Kapıgargın, Kocagöl), 36°41'N 28°50'E, 21 m, 22.04.2002; 1 male, Milas (Sarıçay), 37°20'N 27°43'E, 35 m, 23.06.2002; 1 female, Köyceğiz (Hamitköy), 36°56'N 28°36'E, 13 m, 25.06.2002;

### ***Orthetrum taeniolum* (Schneider, 1845)**

**Materials:** ANTALYA: 1 female, Finike (Alakır dam and Alakır river), 36°27'N 30°13'E, 144 m, 20.05.2000; 1 male, Konyaaltı (Boğaz river), 36°51'N 30°37'E,

15 m, 26.05.2001; 1 male, Gazipaşa (Gazipaşa river), 36°15'N 32°19' E, 35 m, 29.06.2001; 1 female, Gazipaşa (Aydıncık, Bıçkıcı bridge), 36°17'N 32°17'E, 22 m, 29.06.2001; 1 female, Alanya (Demirtaş, Sedre river), 36°25'N 32°10'E, 22 m, 29.06.2001; 1 male, Manavgat (Kızılağaç, Nifrit river), 36°44'N 31°31'E, 13 m, 13.07.2001; 1 male, Manavgat (Oymapınar dam), 36°54'N 31°31'E, 50 m, 19.08.2001; 1 male, Manavgat (Alara river), 36°40'N 31°37'E, 14 m, 27.06.2002; 1 male, Gazipaşa (Macarköy, Beyrebucak-I), 36°14'N 32°21'E, 44 m, 27.06.2002; AYDIN: 1 female, Yenipazar (Hacıköşeler), 37°42'N 28°08'E, 630 m, 21.05.2001; 1 male, 1 female Bozdoğan (Kazandere), 37°38'N 28°22'E, 140 m, 12.09.2001; 1 male, 1 female, Çine (Tepeköy, Topçam dam), 37°41'N 28°00'E, 130 m, 27.05.2002; BURDUR: 1 male, Yeşilova (Karaathı), 37°33'N 29°49'E, 1230 m, 09.07.2000; ISPARTA: 1 female, Keçiborlu (Kozluca), 37°55'N 30°15'E, 1160 m, 19.07.2000; MUĞLA: 1 male, 1 female, Milas (Geyik dam), 37°23'N 27°53'E, 486 m, 23.06.2001; 1 male, Milas (Söke road 6. km, Sarıçay), 37°20'N 27°43'E, 41 m, 23.06.2001; 1 male, Dalaman (Tersakan-II), 36°47'N 28°49'E, 23 m, 15.07.2001; 1 male, Dalaman (Gürköy), 36°48'N 28°50'E, 32 m, 20.08.2001; 1 female, Dalaman (Dalaman river), 36°49'N 28°47'E, 30 m, 20.08.2001; 1 male, Kale (Köyceğiz crossroad), 37°06'N 28°29'E, 590 m, 21.08.2001.

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

**Materials:** ANTALYA: 1 female, Kumluca (Arifköy, Karacaören), 36°30'N 30°10'E, 1227 m, 24.06.2000; 1 male (obs.), Finike (Hasyurt, Alakır river), 36°18'N 30°15'E, 5 m, 14.07.2001; 1 male (obs.), Manavgat (Çolaklı), 36°49'N 31°19'E, 36°m, 19.08.2001; 1 male (obs.), Manavgat (Hocalar, Sarısu bridge), 36°52'N 31°15'E, 20 m, 19.08.2001; AYDIN: 1 male, Söke (Serçin lake), 37°33'N 27°24'E, 28 m, 20.05.2001; 1 male, Nazilli (Esen, Akçay), 37°48'N 28°19'E, 81 m, 21.05.2001; 1 male, Söke (Avşar, Azap lake), 37°35'N 27°26'E, 37°m, 23.06.2001; 1 female, Çine (between Subaşı-Dalama), 37°44'N 28°03'E, 150 m, 25.06.2001; 2 females, Nazilli (Büyük Menderes river), 37°52'N 28°19'E, 66 m, 25.06.2001; 1 male, Nazilli (Esenköy, Akçay), 37°47'N 28°18'E, 75 m, 12.09.2001; 1 male, Söke (Yeşilköy, Azap lake), 37°34'N 27°26'E, 17 m, 23.06.2002; BURDUR: 1 female, Tefenni (Hasanpaşa, Hasanpaşa pond), 37°15'N 29°53'E, 1217 m, 23.06.2000; 2 males, Tefenni-Çavdır road (between Çaylı-Yeşilköy), 37°14'N 29°50'E, 1176 m, 23.06.2000; 1 male, 1 female, Gölhisar (Gölhisar lake), 37°07'N 29°36'E, 956 m, 23.06.2000; 2 males, Gölhisar (Gölhisar lake, Uylupınar), 37°06'N 29°36'E, 980m, 06.08.2000; 1 male, Gölhisar (Gölhisar lake), 37°07'N 29°36'E, 960 m, 20.08.2001; 1 male (obs.), Çavdır (Yamadıburnu), 37°09'N 29°36'E, 975 m, 22.06.2002; 1 male, 2 females, Çavdır (Yamadı), 37°07'N 29°36'E, 960 m, 22.06.2002; DENİZLİ: 2 males, 4 females, Çivril (Beydilli, Işıklı lake), 38°11'N 30°03'E, 920 m, 22.06.2000; 9 males, 4 females, Honaz (Yukarıdağdere, Saklıgöl), 37°46'N 29°23'E, 990 m, 19.07.2000; 1 male, Honaz (Yukarıdağdere, Saklıgöl), 37°46'N 29°23'E, 990 m, 07.08.2000; 1 female, Akköy (Pamukkale, Travertens), 37°55'N 29°07'E, 285 m, 07.08.2000; 1 male, Denizli-Muğla border (Gazeller, Akçay), 37°20'N 28°43'E, 440 m, 22.06.2001; 1 female, Çivril (Yamanlar), 38°14'N 29°48'E, 835 m, 26.06.2001; 1 male, Çivril (between Emirhisar-Tuğlu), 38°15'N 29°50'E, 840 m, 26.06.2001; 2 females, Çivril (Bucak, Işıklı lake), 38°14'N 29°51'E, 838 m, 26.06.2001; 1 female, Honaz (Yukarıdağdere, Saklıgöl), 37°46'N 29°23'E, 960 m, 17.07.2001; 1 male, Sarayköy (Köprübaşı, Büyük Menderes river), 37°57'N 28°55'E, 155 m, 22.08.2001; 1 male, Çivril (DSİ watering regulator), 38°13'N 29°49'E, 842 m, 28.05.2002; 1 male, Çivril

(Düzbel), 38°10'N 30°03'E, 845 m, 19.06.2002; ISPARTA: 1 male, Yalvaç (Yarıkkaya), 38°27'N 31°02'E, 1500m, 21.06.2000; 1 male, Yalvaç (Eğirdir lake), 38°16'N 30°50'E, 948 m, 21.06.2000; 1 female, Yenişarbademli, 37°42'N 31°24'E, 1180 m, 13.07.2000; 1 male, Yenişarbademli, 37°41'N 31°19'E, 1230 m, 13.07.2000; 1 female, Aksu (Karağı), 37°45'N 31°07'E, 1230 m, 14.07.2000; 1 male, Yalvaç (Sultandağı), 38°15'N 31°22'E, 1560 m, 20.07.2000; 1 male, Sütçüler crossroads (Kovada Çayı), 37°33'N 30°51'E, 630 m, 10.08.2000; 1 male, 1 female, Gelendost (Hacılar, Eğirdir lake), 38°02'N 30°57'E, 936m, 20.06.2001; 1 male, 1 female, between Gelendost-Afşar, 38°07'N 30°59'E, 965 m, 20.06.2001; 1 male, Eğirdir, 37°41'N 30°52'E, 921 m, 21.06.2001; 2 males, 2 females, Eğirdir (Kovada dam), 37°20'N 30°52'E, 920 m, 21.06.2001; 1 male, Gölcük lake, 37°43'N 30°30'E, 1410 m, 28.06.2001; 1 male, Eğirdir (Kovada lake), 37°37'N 30°52'E, 935 m, 23.08.2001; 5 males, Yalvaç (Aşağıkaşıkara, Eğirdir lake), 38°16'N 30°50'E, 930 m, 19.06.2002; 1 male, 1 female, Eğirdir (Kovada lake), 37°37'N 30°52'E, 930 m, 21.06.2002; MUĞLA: 1 male, Köyceğiz lake, 36°57'N 28°41'E, 75 m, 18.04.2000; 1 male, Bodrum (Mumcular dam), 37°07'N 27°39'E, 110 m, 17.04.2000; 1 male, 1 female, Dalaman (Kapıgargın, Kocagöl), 36°43'N 28°01'E, 22.05.2000; 1 male, 6 females, Fethiye (Murt deresi), 36°39'N 29°07'E, 370m, 17.07.2000; 1 female, Fethiye (Günlüklü), 36°43'N 29°01'E, 22 m, 17.07.2000; 1 male, Ula (Gölcük), 37°07'N 28°31'E, 690 m, 18.07.2000; 1 male, Kemer (Bekçiler), 36°55'N 29°45'E, 1290m, 06.08.2000; 1 male, 1 female, Milas (Akgedik dam), 37°19'N 27°49'E, 90 m, 23.06.2001; 1 male, Milas (Söke road 6. km, Sarıçay), 37°20'N 27°43'E, 41 m, 23.06.2001; 2 males, Bodrum (Mumcular dam), 37°06'N 27°39'E, 65 m, 23.06.2001; 1 female, between Beyağaç-Karacaören, 37°13'N 28°50'E, 625 m, 21.08.2001; 1 male (obs.), Dalaman (Kapıgargın, Kocagöl), 36°41'N 28°50'E, 21 m, 22.04.2002; 1 male, Köyceğiz (Hamitköy), 36°56'N 28°36'E, 13 m, 25.06.2002; 1 male (obs.), Milas (Sarıçay), 37°20'N 27°43'E, 35 m, 23.06.2002.

### ***Sympetrum flaveolum* (Linnaeus, 1758)**

**Materials:** BURDUR: 1 female, Yeşilova (Karaathlı), 37°33'N 29°49'E, 1150 m, 08.08.2000; ISPARTA: 5 males, 7 females, Yalvaç (Celeptaş), 38°19'N 31°03'E, 1185 m, 21.06.2000; 1 female, Aksu (Yılanlı), 37°47'N 31°00'E, 1225 m, 14.07.2000; 3 males, 4 females, Yalvaç (Celeptaş), 38°19'N 31°03'E, 1180 m, 19.07.2000; MUĞLA: 1 female, Köyceğiz (Karaböğürtlen, Balıklı river), 37°00'N 28°32'E, 70 m, 18.07.2000; 1 female, Ula (Gölcük), 37°07'N 28°31'E, 690 m, 18.07.2000.

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

**Materials:** AYDIN: 3 males, 1 female, Çine (Tepeköy, Topçam dam), 37°41'N 28°00'E, 130 m, 27.05.2002; 1 male, Karacasu (Dandalaz), 37°43'N 28°38'E, 412 m, 22.06.2002; 1 male, 1 female, Karpuzlu (Yaylakavak dam), 37°34'N 27°48'E, 180 m, 23.06.2002; 1 female, Çine (Topçam dam), 37°41'N 28°00'E, 125 m, 23.06.2002; BURDUR: 1 male, Çavdır (Yamadıburnu), 37°09'N 29°36'E, 975 m, 22.06.2002; ISPARTA: 3 females, Yalvaç (Sücutlü, Yalvaç dam), 38°22'N 31°08'E, 1200 m, 21.06.2000; 1 male, Gölcük lake, 37°43'N 30°30'E, 1410 m, 28.06.2001; 1 male, Yalvaç (Yarıkkaya, Sultandağı), 38°27'N 31°08'E, 1880 m, 24.08.2001; 1 male, Keçiborlu (Özbaha), 38°00'N 30°19'E, 1356 m, 11.09.2001; MUĞLA: 2 females, Milas (Geyik dam), 37°23'N 27°53'E, 486 m, 23.06.2001.

***Sympetrum haritonovi* Borisov, 1983**

**Materials:** ANTALYA: 1 male, 2 females, Alanya (Ardıçpınarı fountain), 36°53'N 32°23'E, 1920 m, 16.08.2001; 1 female, Alanya (Tosmur plateau), 36°53'N 32°18'E, 2020 m, 16.08.2001.

***Sympetrum meridionale* (Selys, 1841)**

**Materials:** ANTALYA: 1 female, Kaş (between Gömbe-Sütleğen, Sinekçibeli), 36°27'N 29°38'E, 1430 m, 24.06.2000; 1 male, Beşkonak (between Çaltepe-Değirmenözü, Kanlı river), 37°20'N 31°13'E, 492 m, 26.06.2000; 2 males, 2 females, Alanya (Gevne river, Beyreli), 36°51'N 32°29'E, 1585 m, 10.07.2000; 1 female, Akseki (Göktepe yaylası road), 37°03'N 31°51'E, 1415 m, 12.07.2000; 1 female, Manavgat (Oymapınar dam), 36°52'N 31°31'E, 40 m, 04.08.2000; 2 males, 1 female, Kaş (Sinekçibeli), 36°27'N 29°39'E, 1470 m, 05.08.2000; 1 male, Gündoğmuş (Güneycik), 36°46'N 31°44'E, 185 m, 13.09.2000; 4 males, 2 females, Kaş (Kalkan, Patara), 36°15'N 29°19'E, 12 m, 27.05.2001; 5 males, 2 females, Kaş (Kalkan, Patara), 36°16'N 29°19'E, 25 m, 26.05.2002; BURDUR: 2 males, 1 female, Karamanlı (Karataş lake), 37°22'N 29°57'E, 1054 m, 23.06.2000; 1 female, Yeşilova (Sazak), 37°32'N 29°56'E, 935 m, 15.07.2000; 1 male, Yeşilova (Salda beli), 37°29'N 29°36'E, 1180 m, 16.07.2000; 1 female, Altınyayla (Çatak), 37°01'N 29°32'E, 1300m, 06.08.2000; 1 male, Yeşilova (Karaatlı), 37°33'N 29°49'E, 1150 m, 08.08.2000; 2 females, Yeşilova (Salda beli), 37°29'N 29°36'E, 1180 m, 09.08.2000; 2 females, Hacılar, 37°34'N 30°05'E, 945 m, 09.08.2000; 2 females, Yeşilova (Dereköy), 37°39'N 29°48'E, 1090 m, 15.09.2000; DENİZLİ: 1 male, Çameli (Karabayır), 36°55'N 29°09'E, 1050 m, 16.07.2000; 2 females, Serinhisar (Yatağan), 37°35'N 29°23'E, 1080 m, 18.07.2000; 1 male, Honaz (Yukarıdağdere), 37°47'N 29°24'E, 1000 m, 18.07.2000; 2 females, Honaz (Yukarıdağdere, Saklıgöl), 37°46'N 29°23'E, 990 m, 19.07.2000; 1 male, Çardak (Acıgöl), 37°49'N 29°25'E, 780 m, 19.07.2000; 1 female, Honaz (Yukarıdağdere, Saklıgöl), 37°46'N 29°23'E, 990 m, 07.08.2000; 1 male, Honaz (Keklik kasabası), 37°49'N 29°45' 24, 595 m, 08.08.2000; 7 males, 4 females, Bozkurt (plateau of Çambaşı, Karagöl), 37°44'N 29°29'E, 1280 m, 08.08.2000; 1 male, Buldan (Süleymanlı lake), 38°03'N 28°46'E, 1170 m, 17.07.2001; 1 female, Çivril (İshaklı), 38°11'N 30°03'E, 850 m, 11.09.2001; 1 female, Çivril (Güntüsu), 38°15'N 29°55'E, 850 m, 11.09.2001; 1 male, 7 females, Çivril (Beydilli, Işıklı lake), 38°17'N 29°54'E, 850 m, 11.09.2001; 3 females, Çivril (Düzbel), 38°10'N 30°03'E, 845 m, 19.06.2002; 1 female, Çardak (Gemiş, Acıgöl), 37°46'N 29°50'E, 860 m, 20.06.2002; ISPARTA: 1 female, Yenişarbademli, 37°41'N 31°19'E, 1230 m, 13.07.2000; 1 male, 1 female, Aksu (Dedegöl mountain), 37°42'N 31°17'E, 1610 m, 13.07.2000; 1 female, Aksu (Dedegöl mountain, İnışdibi stream), 37°42'N 31°14'E, 1290 m, 13.07.2000; 1 male, Aksu (between Aksu-Yakaköy), 37°43'N 31°16'E, 1622 m, 14.07.2000; 1 female, Aksu (Yakaafsar), 37°44'N 31°10'E, 1260 m, 14.07.2000; 1 male, Aksu (Aksu river), 37°49'N 31°06'E, 1340 m, 14.07.2000; 2 females, Keçiborlu (Kozluca), 37°55'N 30°15'E, 1160 m, 19.07.2000; 1 male, Uluborlu (İleydağ), 38°03'N 30°24'E, 1160 m, 19.07.2000; 1 male, Senirkent (Büyükkabaca), 38°10'N 30°41'E, 975 m, 19.07.2000; 1 male, Senirkent (Gençeli, Eğirdir lake), 38°14'N 30°45'E, 950 m, 19.07.2000; 1 male, 2 females, Keçiborlu (Kaplanlı), 37°56'N 30°12'E, 1100 m, 19.07.2000; 5 females, Yalvaç (Bağkonak, Sultandağı), 38°15'N 31°20'E, 1660 m, 20.07.2000; 1 male, 1 female, Gölcük lake, 37°43'N 30°30'E, 1430 m, 09.08.2000; 1 female, Sütçüler crossroads (Kovada river), 37°33'N 30°51'E, 630 m, 10.08.2000; 1 male, Aksu (Aksu river), 37°49'N 31°06'E, 1350 m, 10.08.2000; 1 female,

Yalvaç (Kuyucak), 38°14'N 31°12'E, 1125 m, 11.08.2000; 1 female, Uluborlu (İleydağı, Pupa river), 38°03'N 30°29'E, 1160 m, 15.09.2000; 1 female, Gelendost (Hacılar, Eğirdir lake), 38°02'N 30°57'E, 936 m, 20.06.2001; 1 female, Yenişarbademli (Dedegöl mountain), 37°41'N 31°20'E, 1524 m, 13.07.2000; 1 male, Yalvaç (Bağkonak), 38°11'N 31°17'E, 1390 m, 08.07.2000; 1 female, Senirkent (Gençali), 38°03'N 31°45'E, 950 m, 15.09.2000; 1 female, Yalvaç (Bağkonak), 38°15'N 31°20'E, 1660 m, 28.06.2001; 1 male, 1 female, Yalvaç (Yarıkkaya), 38°27'N 31°02'E, 1365 m, 26.07.2001; MUĞLA: 1 female, Köyceğiz (Yayla, Gölgeği mountains), 37°03'N 28°47'E, 1730 m, 17.07.2000; 1 female, Ula (Gölcük), 37°07'N 28°31'E, 700 m, 21.08.2001; 1 female, Köyceğiz (Örnek, Bahıklı lake), 37°00'N 29°53'E, 100 m, 13.09.2001; 1 male, Fethiye (Uğurlu), 36°37'N 29°20'E, 140 m, 22.05.2000.

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

**Materials:** BURDUR: 2 females, Yeşilova (Karaathı), 37°33'N 29°49'E, 1230 m, 09.07.1999; DENİZLİ: 1 male, 1 female, Çivril (Gökgöl), 38°10'N 30°04'E, 940 m, 22.06.2000; 1 male, Çardak (Acıgöl), 37°49'N 29°25'E, 780 m, 19.07.2000; 1 female, Bozkurt (plateau of Çambaşı, Karagöl), 37°44'N 29°29'E, 1280 m, 08.08.2000; 2 males, Buldan (between Buldan-Süleymanlı), 38°02'N 28°47'E, 1120 m, 17.07.2001; ISPARTA: 2 males, Yenişarbademli (Gökyaka), 37°44'N 31°25'E, 1167 m, 27.06.2000; 3 females, Keçiborlu (Kaplanlı), 37°56'N 30°12'E, 1100 m, 19.07.2000; 1 male, Keçiborlu (Özbahçe), 38°00'N 30°18'E, 1300 m, 19.07.2000; 1 male, Keçiborlu (Özbahçe), 38°01'N 30°21'E, 1330 m, 19.07.2000; 1 female, Senirkent (Gençeli, Eğirdir lake), 38°14'N 30°45'E, 950 m, 19.07.2000; 1 male, Yalvaç (Celeptaş), 38°19'N 31°03'E, 1180 m, 19.07.2000; 1 male, Uluborlu (İleydağı), 38°03'N 30°29'E, 1160 m, 15.09.2000; 1 female, Eğirdir (Sütçüler crossroads), 37°33'N 30°57'E, 920 m, 21.06.2002; MUĞLA: 1 male, 1 female, Köyceğiz (Karaböğürtlen, Fethiye stream), 37°00'N 28°30'E, 90 m, 18.07.2000; 2 males, 1 female, Köyceğiz (Köyceğiz lake), 36°57'N 28°41'E, 4 m, 20.08.2001; 1 male, Köyceğiz (Sandras mountain, Kartal lake), 37°05'N 28°50'E, 1910 m, 21.08.2001; 1 female, Fethiye (Kargı, Yanıklar river), 36°42'N 29°02'E, 13 m, 25.06.2002.

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

**Materials:** ANTALYA: 1 male, Alanya (Gevne river, Beyreli), 36°51'N 32°29'E, 1585 m, 10.07.2000; 1 female, Akseki (Güçlüköy), 36°46'N 31°44'E, 195 m, 12.07.2000; BURDUR: 1 female, Çavdır (Yamadi), 37°07'N 29°36'E, 960 m, 22.06.2002; DENİZLİ: 1 female, Çivril (Gökgöl, Ahır stream), 38°11'N 30°03'E, 930 m, 22.06.2000; 1 male, Kale (Solmaz), 37°30'N 28°53'E, 920 m, 18.07.2000; 1 male, Honaz (Yukarıdağdere, Saklıgöl), 37°46'N 29°23'E, 990 m, 19.07.2000; 1 male, Honaz (Yukarıdağdere, Saklıgöl), 37°46'N 29°23'E, 990 m, 07.08.2000; 1 male, Bozkurt (Plateau of Çambaşı, Karagöl), 37°44'N 29°29'E, 1280 m, 08.08.2000; 1 female, Acıpayam (between Aliveren-Darıveren, Güre mountain), 37°14'N 29°27'E, 1140 m, 27.06.2001; 1 male, Çardak (Çaltı), 37°44'N 29°44'E, 920 m, 20.06.2002; ISPARTA: 2 females, Aksu (Dedegöl mountains), 37°41'N 31°20'E, 1524 m, 13.07.2000; 1 male, Yalvaç (Bağkonak, Sultandağı), 38°15'N 31°20'E, 1660 m, 20.07.2000; 2 males, Senirkent (Gençali), 38°03'N 31°45'E, 950 m, 15.09.2000; 1 female, Eğirdir (Kovada road), 37°41'N 30°52'E, 921 m, 21.06.2001; 1 female, Eğirdir (Kovada dam), 37°20'N 30°52'E, 920 m, 21.06.2001; 1 male, Sütçüler (between İncider-Kasımlar), 37°34'N 31°07'E, 1450 m, 23.08.2001; MUĞLA: 1 female, Bodrum (Mumcular dam), 37°06'N 27°39'E, 65 m, 23.06.2001; 1 male, Köyceğiz

(Sandras mountain, Kartal lake), 37°05'N 28°50'E, 1910 m, 21.08.2001.

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

**Materials:** ANTALYA: 1 male, 1 female, Manavgat (Hocalar, Sarısu bridge), 36°52'N 31°15'E, 20 m, 19.08.2001; 2 males, 1 female (obs.), Manavgat (Kızılot, Karpuzçay), 36°43'N 31°33'E, 10 m, 27.06.2002.

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

**Materials:** ANTALYA: 1 male, 1 female, Gazipaşa (Hacımusâ river), 36°10'N 32°25'E, 62 m, 18.08.2001.

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

**Materials:** ANTALYA: 1 female, Kale-Kaş road (Kekova), 36°14'N 29°45'E, 20.05.2000; 2 females, Finike (Alakır dam ve Alakır river), 36°27'N 30°13'E, 144 m, 20.05.2000; 1 male, 1 female, Finike (Alakır dam), 36°27'N 30°12'E, 55 m, 24.06.2000; 1 male, Alanya (Demirtaş, Sedre river), 36°25'N 32°11'E, 30 m, 26.05.2001; 1 female, Alanya (Demirtaş, Sedre river), 36°25'N 32°10'E, 22 m, 29.06.2001; 1 male, Gazipaşa (Gazipaşa river), 36°15'N 32°19' E, 35 m, 29.06.2001; 2 males, Alanya (Okçular, Okçular river), 36°39'N 31°39'E, 16 m, 13.07.2001; 1 male, Manavgat (Kızılağaç, Nifrit river), 36°44'N 31°31'E, 13 m, 13.07.2001; 1 female, Manavgat (Evreenseki), 36°49'N 31°20'E, 21 m, 13.07.2001; 2 males, Gazipaşa (Kahyalı, Delice bridge), 36°17'N 32°16'E, 2 m, 18.08.2001; 1 male, Manavgat (Oymapınar dam), 36°54'N 31°31'E, 50 m, 19.08.2001; 1 male, Manavgat (Oymapınar dam), 36°52'N 31°33'E, 102 m, 19.08.2001; 1 female, Manavgat (İhcaköy), 36°49'N 31°21'E, 15 m, 19.08.2001; 1 male, 2 females, Manavgat (Çolaklı), 36°49'N 31°19'E, 36°m, 19.08.2001; 1 male, Manavgat (Hocalar, Sarısu bridge), 36°52'N 31°15'E, 20 m, 19.08.2001; 1 male, Serik (Kadıburnu stream), 36°55'N 31°01'E, 21 m, 19.08.2001; 1 male, Serik (Gebiz crossroads), 36°56'N 30°55'E, 12 m, 19.08.2001; 1 male, Serik (Durumlar, Aksu river), 37°07'N 30°54' E, 55 m, 19.08.2001; 1 male, Serik (Kırbaş, Aksu river), 37°09'N 30°51'E, 65 m, 19.08.2001; 1 female, Serik (Kırbaş, Hatipler), 37°09'N 30°49'E, 57 m, 19.08.2001; 7 males, 1 female, Manavgat (Manavgat dam), 36°50'N 31°32'E, 60 m, 14.09.2001; 1 male, Serik (Sağırını, Köprü river), 37°00'N 31°12'E, 57 m, 26.06.2002; 1 male, Manavgat (Kızılot, Karpuzçay), 36°43'N 31°33'E, 10 m, 27.06.2002; 1 male, Manavgat (Alara river), 36°40'N 31°37'E, 14 m, 27.06.2002; 1 male, Gazipaşa (Kaledran), 36°06'N 32°33'E, 33 m, 27.06.2002; 1 male, Finike (Alakır dam), 36°27'N 30°13'E, 147 m, 20.05.2000; AYDIN: 1 male, Buharkent (Meyremoğlu, Büyük Menderes DSİ Regülatörü), 37°56'N 28°42'E, 142 m, 19.05.2001; 2 males, Yenipazar (Donduran, Akçay), 37°50'N 28°13'E, 75 m, 21.05.2001; 1 male, Çine (between Subaşı-Dalama), 37°44'N 28°03'E, 150 m, 25.06.2001; 1 male, Yenipazar (Alanlı, Akçay watering), 37°48'N 28°06'E, 65 m, 25.06.2001; 2 males, Nazilli (Esenköy, Akçay), 37°52'N 28°18'E, 76 m, 22.08.2001; 1 male, Kuşadası (Davutlar), 37°41'N 27°04'E, 50 m, 25.05.2002; BURDUR: 1 female, Bucak (Çobanpınarı), 37°23'N 30°45'E, 736°m, 19.08.2001; 1 male, Gölhisar (Yamadıburnu), 37°08'N 29°36'E, 965 m, 20.08.2001; 4 females, Yeşilova (Karaatlı), 37°33'N 29°49'E, 1230 m, 09.07.2001; DENİZLİ: 2 males, 1 female, Güney (Adıgüzel dam), 38°09'N 29°12'E, 460 m, 26.06.2001; ISPARTA: 1 male, Yalvaç (Yarıkkaya), 38°27'N 31°02'E, 1500m, 21.06.2000; 2 males, 4 females, Sütcüler (Karacaören dam), 37°25'N 30°53'E, 280 m, 21.06.2001; 1 male, Yalvaç (Bağkonak, Sultandağı), 38°13' 332'N 31°17' 411'E, 1216 m, 18.07.2001; 2 males, Güneyce, 37°39'N 30°43'E, 666 m, 23.08.2001; MUĞLA:

2 males, Fethiye (Karadere, Özlen river), 36°20'N 29°15'E, 9 m, 27.05.2001; 1 male, 1 female, Milas (Geyik dam), 37°23'N 27°53'E, 486 m, 23.06.2001; 1 male, 1 female, Milas (Akgedik dam), 37°19'N 27°49'E, 90 m, 23.06.2001; 2 females, Milas (Söke road 6. km, Sarıçay), 37°20'N 27°43'E, 41 m, 23.06.2001; 1 male, Dalaman (Tersakan-II), 36°47'N 28°49'E, 23 m, 15.07.2001; 1 male, 2 females, Ula (Ula dam), 37°07'N 28°23'E, 670 m, 21.08.2001; 3 males, 3 females, Milas (Çallı, Geyik dam), 37°22'N 27°53'E, 500 m, 12.09.2001; 2 males, 6 females, Dalaman (Kapıgargın, Kocagöl), 36°42'N 28°50'E, 17 m, 13.09.2001; 1 male, Milas (Sarıçay), 37°20'N 27°43'E, 35 m, 23.06.2002; 1 male, Köyceğiz (Aksaz koyu), 36°55'N 28°25'E, 108 m, 25.06.2002; 1 female, Köyceğiz (Sultaniye), 36°54'N 28°35'E, 15 m, 25.06.2002; 1 male, Dalaman (Kapıgargın, Kocagöl), 36°41'N 28°50'E, 5 m, 25.06.2002.

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

**Materials:** ANTALYA: 3 males, 1 female, Alanya (between Beldibi-Fakırcalı), 36°28'N 32°17'E, 520 m, 18.08.2001; 1 male, Serik (Sağırını, Köprü river), 37°00'N 31°12'E, 57 m, 26.06.2002; 2 males, Gazipaşa (Kaledran), 36°06'N 32°33'E, 33 m, 27.06.2002; 2 males, Akseki (Güçlüköy), 36°46'N 31°44'E, 195 m, 12.07.2000; DENİZLİ: 1 female, Güney (Güney-Çal road 4. km), 38°09'N 29°07'E, 810 m, 28.05.2002; MUĞLA: 1 male, Fethiye (Susambeleni stream), 36°41'N 29°06'E, 22 m, 15.07.2001; 1 male, Dalaman (Tersakan-II), 36°47'N 28°49'E, 23 m, 15.07.2001; 2 males, Yörükoğlu (race of Akçay), 37°13'N 28°50'E, 628 m, 21.08.2001; 1 female, Ula (Ula dam), 37°07'N 28°23'E, 670 m, 21.08.2001; 1 male, Köyceğiz (Örnek, Balıklı lake), 37°00'N 29°53'E, 100 m, 13.09.2001; 2 males, 1 female, Ula (Yeşilçam), 36°59'N 28°25'E, 157 m, 25.06.2002; 1 male, Köyceğiz (Aksaz), 36°54'N 28°26'E, 85 m, 25.06.2002; 2 males, Köyceğiz (Gölgeli mountains, Balıklı river), 37°00'N 28°34'E, 125 m, 18.07.2000; 1 male, Fethiye, 03.05.2002.

### ***Leucorrhinia pectoralis* (Charpentier, 1825)**

**Materials:** DENİZLİ: 2 females, Buldan (Süleymanlı-Buldan), 38°02' E 28°47'E, 1130 m, 25.06.2001; ISPARTA: 1 male, 1 female, Keçiborlu (Özbahçe), 38°00'N 30°18'E, 1290 m, 28.05.2002; 2 males, Uluborlu (Uluborlu dam, Üğüllü river), 38°03'N 30°24'E, 1110 m, 28.05.2002.

### ***Pantala flavescens* (Fabricius, 1798)**

**Material:** MUĞLA: 1 male, Dalaman (Gürköy), 36°48'N 28°50'E, 32 m, 20.08.2001.

### ***Selysiothemis nigra* (Vander Linden, 1825)**

**Materials:** ANTALYA: 1 female, Kaş (Gelemiş, Patara), 36°16'N 29°19'E, 25 m, 14.07.2001; 1 male, Kaş (Gelemiş, Patara), 36°16'N 29°19'E, 25 m, 26.05.2002; AYDIN: 1 female, Nazilli (Esen, Akçay), 37°47'N 28°19'E, 80 m, 25.06.2001; MUĞLA: 1 female, Milas (Sarıçay), 37°20'N 27°43'E, 35 m, 23.06.2002.

\* Present study is a part of dissertation entitled "Odonata Fauna of Mediterranean Region of Turkey".

## **LITERATURE CITED**

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