



ARTÍCULO:

An annotated check-list of the Salticidae (Araneae) of Crete, Greece

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**AN ANNOTATED CHECK-LIST OF THE SALTICIDAE
(ARANEAE) OF CRETE, GREECE**

D.V. Logunov & M. Chatzaki

Abstract

This paper presents an annotated list of the Salticidae of Crete, numbering 54 species, of which 10 records are considered doubtful or mistaken.

Key words: Araneae, Salticidae, jumping spiders, check-list, Greece, Crete.

Catálogo comentado de los Salticidae (Araneae) de Creta, Grecia**Resumen**

El artículo presenta un catálogo comentado de los Salticidae de Creta, que suman 54 especies, de las que 10 citas se consideran dudosas o erróneas.

Palabras clave: Araneae, Salticidae, salticidos, check-list, Grecia, Creta.

Introduction

The Salticidae of Crete remain insufficiently studied. In spite of the fact that the first data about the Cretan salticids were published by H. Lucas (1853) and G. Ceconi (1895), only a few later authors (*e.g.* Kulczy¹ski, 1903; Giltay, 1932; Bristowe, 1935) dealt specially with this fauna. Recently, the jumping spiders of Crete were surveyed by Metzner (1999) in the course of his taxonomic inventory of the entire Greek fauna. This was based largely on museum collections. Newly collected salticid materials from Crete has made possible significant update of the information about this interesting fauna (*s.* Azarkina, 2002; Dobroruka, 2003; Logunov, 2001a; Logunov & Marusik, 2003, *etc.*). The aim of the present study is to combine both literature derived and original data on the Cretan Salticidae into an up-to-date annotated check-list.

A total of 229 specimens newly collected in Crete was used for this study; the specimens were provided by the following depositories and a personal collection: ISEA – Siberian Zoological Museum, Institute for Systematics and Ecology of Animals, Novosibirsk, Russia (Miss G. N. Azarkina); MMUM – Manchester Museum, University of Manchester, Manchester, UK (Dr. D. V. Logunov); NHMC – Natural History Museum of Crete, University of Crete, Greece (Dr. M. Chatzaki); PCRS – the personal collection of Dr A. Russell-Smith (Kent, UK); SMNH – Swedish Museum of Natural History, Stockholm, Sweden (Dr. T. Kronstedt); ZMTU – Zoological Museum, University of Turku, Turku, Finland (Drs M. Saaristo and S. Koponen).

All the newly collected and studied specimens are considered under “Material”, whilst all the earlier published localities are given under “Records”. When necessary, “Notes” are provided to discuss identifications and records, which are either problematic or doubtful.

Survey of species***Aelurillus affinis* (Lucas, 1846)**

RECORDS. Réthimno (Réthimno) (Metzner, 1999).

***Aelurillus blandus* (Simon, 1871)**

RECORDS. Iráklío (Psiloreites) (Dobroruka, 2003).

NOTES. This record is doubtful, since it is based on the & from the high altitude (1800 m a.s.l.), whereas all the earlier records of *A. blandus* (*e.g.* Metzner, 1999) came from sandy coastal habitats. Taking into account the figures by Dobroruka (2003: fig. 2), it is virtually certain that his identification should be referred to *A. cretensis*, recently described from the mountains of Crete (*s.* Azarkina, 2002).

***Aelurillus cretensis* Azarkina, 2002**

MATERIAL. GREECE: 1♀ (SMNH), Crete, rocks of hill at the seashore NW of Gergioupoli, 9.05.2001, T. Kronestedt.

RECORDS. Chaniá (Lefka Ori Mt.) (Azarkina, 2002).

***Aelurillus leipoldae* (Metzner, 1999)**

MATERIAL. GREECE: 1♀ (SMNH), Crete, Chaniá Prov., Agia Marina, among grass, thistles, etc., 1.05.1997, T. Kronestedt; 1♀ (PCRS), Chaniá Prov., between Ímbros and Askifou, under stones, 1.06.1993, A. Russell-Smith.

RECORDS. Chaniá (Paleohóra, Skáfi, Kándanos-Flória, Lefka Ori Mt.) (Metzner, 1999: sub *Asianellus* l.; Azarkina, 2002), Réthimno (Réthimno), Iráklío (Iráklío), Spinalonga Isl. (Lassithion), Gavdos Isl. (Metochi, Fanari, Korfos, Lavkaras), Gavdopoula Isl. (Azarkina, 2002).

***Aelurillus m-nigrum* (Kulczyński in Chyzer & Kulczyński, 1891)**

RECORDS. Iráklío (Kófinas Mt.) (Dobroruka, 2003).

NOTES. The record of *A. m-nigrum* by Dobroruka (2003) is based on a single ♀ and causes serious doubts. Most probably this records should be referred to *A. leipoldae*, which is closely related to *A. m-nigrum* and widespread in Crete (Azarkina, 2002).

***Aelurillus steliosi* Dobroruka, 2003**

RECORDS. Iráklío (Skaláni, Psiloreitis) (Dobroruka, 2003).

NOTES. The validity of this species, as well a correct matching of the ♀ holotype with the ♂ paratypes, causes some doubts. Based on the original description and illustrations (s. Dobroruka, 2003: figs. 5-13), it is safe to assume that this species could be a synonym of *A. cretensis*. The problem needs a further attention in the future.

***Ballus chalybeius* (Walckenaer, 1802)**

MATERIAL. GREECE: 2♀ (NHMC), 2♀♀ (MMUM), Crete (W part), Lefka Ori Mt., 1200 m a.s.l., *Cupressus* forest, 9.05.1991, P. Lymperakis.

RECORDS. Iráklío (Rodía) (Metzner, 1999).

***Bianor albobimaculatus* (Lucas, 1846)**

MATERIAL. GREECE: 1♀ (SMNH), Crete, Chaniá Prov., Georgioupoli, among debris on sandy beach, 9.05.2001, T. Kronestedt.

RECORDS. Chaniá (Plataniás-Aghia), Iráklío (Stóli) (Metzner, 1999).

NOTES. Recently, Metzner (1999) reported on two *Bianor* species occurring in Greece, viz. *B. albobimaculatus* and *B. aurocinctus* [the latter record actually belongs to *Sibianor tantulus* (Simon, 1868); see Logunov (2001b)]. However, having reported on these species, the author (Metzner, 1999) either mixed up the plates with illustrations for both species, or misidentified a part of his material; the species illustrated on the Plate 83 in Metzner (1999) under the name *B. albobimaculatus* clearly belongs to *Sibianor tantulus*, whereas that on the Plate 84 to *B. albobimaculatus*. As this author

reported on the single *Bianor* species (viz. *B. albobimaculatus*) from Crete and we found it there as well, we consider Metzner's records from Crete as valid.

***Carrhotus xanthogramma* (Latreille, 1819)**

RECORDS. Chaniá (Agia Irini), Iráklío (Vorizia) (Dobroruka, 2003).

***Chalcoscirtus infimus* (Simon, 1868)**

MATERIAL. GREECE: 4♀♀ (NHMC), Crete, Chaniá Prov., Lefka Ori Mt., 1650 m a.s.l., plateau above the timberline (with creeping shrubs), 8.06.1991, P. Lymperakis; 1♀, 4♂♂ (NHMC), same locality and habitat, 1650 m a.s.l., 6.07.1991, P. Lymperakis; 3♂♂ (NHMC), same locality, 800 m a.s.l., pine forest, 8.06-6.07.1991, P. Lymperakis; 1♀ (SMNH), Crete, Chaniá Prov., near Plataniás, sandy sea shore under old part of Carpobrutus, 27.04.2000, T. Kronestedt; 1♀ (SMNH), same prov., SE of Agi Pandes (road junction to Frés), dry meadows with grasses and herbs, 30.04.2000, T. Kronestedt; 5♀♀, 3♂♂ (SMNH), Crete, Chaniá Prov., Georgioupoli, among stones and debris on sandy sea shore, 6-9.05.2001, T. Kronestedt; 1♀ (SMNH), same locality, dry slope W of bridge over Almiros River, 6.05.2001, T. Kronestedt; 1♀ (SMNH), same province, Agi Pandes (at road junction to Fres), under discarded stone, 17.05.2001, T. Kronestedt; 1♀ (SMNH), same province, hill slope with garrigue NW of Georgioupoli, 8.05.2001, T. Kronestedt; 2♂♂ (SMNH), same province, Georgioupoli, *Phragmites* stand at spring rivulet close to sandy seashore, E of the village, 19.05.2001, T. Kronestedt; 1♀ (SMNH), same province, Fournés, close to river, 2.05.2000, T. Kronestedt.

OTHER MATERIAL. GREECE: 1♀ (ZMTU), Rhodos City, on dry field along seashore, 28.05.1973, P. T. Lehtinen.
RECORDS. Chaniá (Lákki) (Giltay, 1932), Lasithi (Sitia) (Metzner, 1999).

***Cyrba algerina* (Lucas, 1846)**

MATERIAL. GREECE: 2♂♂ (NHMC), Crete, Chaniá Prov., Lefka Ori Mt., 1200 m a.s.l., *Cupressus* forest, 3.08.1991, P. Lymperakis; 1♀ (SMNH), same prov., Georgioupoli, hill slope with garrigue, 8.05.2001, T. Kronestedt; 1♀ (SMNH), same province, Agii Pandes (at road junction to Fres), under discarded stone, 17.05.2001, T. Kronestedt; 1♀ (SMNH), Crete, Réthimno Prov., Préveli, at the river ("Palm Beach"), 1.05.2000, T. Kronestedt.

RECORDS. Chaniá (Chaniá, Rogdia) (Kulczyński, 1903; Strand, 1917; Bristowe, 1935; Metzner, 1999); Iráklío (Knossós) (Metzner, 1999); Réthimno (Asómatos) (Kulczyński, 1903).

***Euophrys herbigrada* (Simon, 1871)**

RECORDS. Iráklío (Iráklío); Chaniá (Vamvakades) (Metzner, 1999).

NOTES. See below under "Notes" of *E. sulphurea*.

***Euophrys rufibarbis* (Simon, 1868)**

RECORDS. Chaniá (Agia Marina); Iráklío (Iráklío) (Metzner, 1999); Iráklío (Skaláni, Agia Pelagía), Lasithi (Vai), Chaniá (Kavallos) (Dobroruka, 2003).

NOTES. See below under "Notes" of *E. sulphurea*.

***Euophrys skalanicus* (Dobroruka, 2003)**

RECORDS. Iráklío (Skaláni) (Dobroruka, 2003).

NOTES. This is a *nomen dubium*, as the species was described after an immature female. For further comments and argumentations see Logunov & Marusik (2003).

***Euophrys sulphurea* (L. Koch, 1867)**

MATERIAL. GREECE: 6% (MMUM), Crete, Chaniá Prov., Lefka Ori Mt., 800 m a.s.l., pine forest, 5.05-4.08.1991, P. Lymperakis; 1% (NHMC, 544), Gavdos Isl. (satellite island at SW coast of Crete), Sarakiniko, *Juniper* forest, 13.03-11.06.1997, K. Pavagamian; 2% (NHMC, 477, 553), same isl., Korfos, phrygano, 13.03-23.08.1997, K. Pavagamian; 4% (NHMC, M15, MA1, M23), Crete, SE vicinities of Iráklío, Youchtas Mt., 350 m a.s.l., phrygano, 28.04-6.06.1996, M. Chatzaki; 2% (SMNH), Crete, pref. of Chaniá at Lákki-Omalós road, pass entering Omalós plateau, phrygana (under stones), 11.05.2001, T. Kronestedt; 1% (SMNH), Crete, Georgioupoli, grass and *Phragmites* sp. W of the harbour, 14.05.2001, T. Kronestedt; 1% (SMNH), Crete, Georgioupoli, grassy area close to Almiros River (west side of the bridge), 6.05.2001, T. Kronestedt.

RECORDS. Réthimno (Kissou Kámbos); Chaniá (Afráta, Zimbragós); Iráklío (Áno Viános, Panagia, Apesokári-Miamou); Lasithi (Exo Moullianà) (Metzner, 1999).

NOTES. The identification of this species, as well as those of other *Euophrys* species from Crete, is to be considered provisional. At this point, it is necessary to notice that nearly all the material of *Euophrys* examined in the current work does, in fact, belong to the same species named herein as *E. sulphurea*, plus 1% and 1% from Gavdos Isl. Which we consider *E. terrestris* (see below). The latter species has not been reported from Crete to date, but on the other hand we have not found *E. rufibarbis* and *E. herbigrada*, both were earlier recorded from Crete (Metzner, 1999, Dobroruka, 2003; see above). This could mean that one or more of the earlier or present identifications are incorrect. Unfortunately, none of the published accounts of the Greece/Cretan salticids (Metzner, 1999, Dobroruka, 2003) contains reliable descriptions of *Euophrys* species. The description must always include detailed comparisons of colour characters of the clypeus, the first legs and palps of males, all these characters being of the utmost taxonomic importance (see Logunov, 1997); otherwise species cannot be separated. Females of *Euophrys* are often useless for distinguishing species.

The problem of how many and exactly which *Euophrys* species occur in Crete remains uncertain until a complete revision of *Euophrys* in the Mediterranean has been carried out.

***Euophrys terrestris* (Simon, 1871)**

MATERIAL. GREECE: 1%, 1% (NHMC), Gavdos Isl. (satellite island at SW coast of Crete), Metochi, phrygano/maquis, 11.06-23.08.1997, K. Pavagamian.

NOTES. See above under "Notes" of *E. sulphurea*.

***Evarcha arcuata* (Clerck, 1757)**

RECORDS. Réthimno (Angueliana, Spilia Mylokatziradi) (Roewer, 1959).

***Evarcha falcata* (Clerck, 1757)**

RECORDS. Iráklío (Pyrgos, Cave Peristera) (Roewer, 1959).

***Evarcha jucunda* (Lucas, 1846)**

MATERIAL. GREECE: 1% (ISEA), Crete, SE vicinities of Iráklío, Youchtas Mt., 350 m a.s.l., phrygano, 28.04-6.06.1996, M. Chatzaki; 1% (NHMC), same locality, 2.07-8.08.1996, M. Chatzaki; 1% (NHMC), same locality, 8.08-16.09.1996, M. Chatzaki.

RECORDS. Chaniá (Epanochóri-Kándanos, Lákki) (Kulczyłski, 1903; Metzner, 1999); Réthimno (Choumeri-Pérama, Pérama); Lasithi (Maronía, Exo Moullianà) (Metzner, 1999).

***Habrocestum egaenum* Metzner, 1999**

MATERIAL. GREECE: 14% (NHMC), 3% (MMUM), Crete, Chaniá Prov., Lefka Ori Mt., 800 m a.s.l., pine forest, 5.05-6.11.1991, P. Lymperakis; 3% (SMNH), Crete, same prov., near Ano Sfinari, among stones in wooden valley, 29.04.2000, T. Kronestedt; 1% (SMNH), same prov., Fournés, 2.05.2000, T. Kronestedt; 1% (MMUM), Crete, SE vicinities of Iráklío, Youchtas Mt., 350 m a.s.l., phrygano, 2-28.04.1996, M. Chatzaki; 8% (NHMC), 5% (MMUM), same locality, 1200 m a.s.l., *Cupressus* forest, 8.06-6.11.1991, P. Lymperakis; 4% (NHMC), same locality and habitat, 4.05.1992, P. Lymperakis; 1% (SMNH), Crete, Chaniá Prov., Lake Kourna, pitfall traps, 7-13.05.2001, T. Kronestedt; 1% (SMNH), same province, Georgioupoli, grassy edge at *Phragmites* stand E of the spring rivulet E of village, 14.05.2001, T. Kronestedt.

RECORDS. Chaniá (Ano Sfinari, Rodopos Peninsula, Rogdia, Agia Irini) (Metzner, 1999; Dobroruka, 2003); Réthimno (Agía Galíni, Keramoti-Choumerion, Pérama-Choumerion), Lasithi (Mílatos, Exo Moullianà) (Metzner, 1999); Chaniá (Kavallos, Georgioupoli), Iráklío (Skaláni, Youchtas Mt., Karteros River) (Dobroruka, 2003).

***Habrocestum latifasciatum* (Simon, 1868)**

RECORDS. Réthimno (Askifou) (Kulczyłski, 1903; Bristowe, 1935).

NOTES. This old record has not been confirmed by the present studies (e.g. Metzner, 1999), therefore we are of the opinion that it could actually belong to *H. egaenum*, which was recently described from Crete and is quite common there (Metzner, 1999).

***Hasarius adansonii* (Savigny et Audouin, 1825)**

RECORDS. Chaniá (Chaniá) (Lucas, 1853: sub *Salticus striatus*; Bristowe, 1935).

NOTES. This old records has not been confirmed by the present studies (e.g. Metzner, 1999) and is doubtful.

***Heliophanillus fulgens* (O. P.-Cambridge, 1872)**

MATERIAL. GREECE: 1% (SMNH), Crete, Chaniá Prov.,

Tavrenitis, among stones at the river, 5.05.2000, T. Kronestedt.

RECORDS. No exact locality (Wesołowska, 1986: sub *H. lucipeta*); Iráklío (Iráklío) (Metzner, 1999); Iráklío (Karteros River), Chaniá (Kavallós) (Dobroruka, 2003).

***Heliophanus (Heliophanus) creticus* Giltay, 1932**

MATERIAL. GREECE: 1%, 1& (ISEA), Crete, SE vicinities of Iráklío, Youchtas Mt., 350 m a.s.l., phrygano, 28.04-6.06.1996, M. Chatzaki; 1% (NHMC), same locality, 2-8.04.1996, M. Chatzaki; 1& (NHMC), same locality, 2.07-8.08.1996, M. Chatzaki; 1% (SMNH), Crete, Chaniá Prov., Omalós Plateau, 1080 m a.s.l., pasture-land, 11.05.2001, T. Kronestedt; 1%, 1& (SMNH), same province, Georgioupoli (hills West of the village), 18.05.2001, T. Kronestedt.

RECORDS. Chaniá (Agia Irini, Omalós Plateau) (Giltay, 1932; Wesołowska, 1986; Metzner, 1999); Iráklío (Máráthos) (Metzner, 1999).

***Heliophanus (Heliophanus) equester* L. Koch, 1867**

MATERIAL. GREECE: 3&& (SMNH), Crete, Chaniá Prov., Agii Apostoli, dry vegetation (exposed) on slope at sea shore, 2.05.2000, T. Kronestedt; 1% (SMNH), same prov., Georgioupoli, sea shore with pebbles at the harbour, 9.05.2001, T. Kronestedt; 1% (SMNH), same locality, grassy edge at *Phragmitis* stand E of the spring rivulet E of village, 14.05.2001, T. Kronestedt; 1% (SMNH), same province, Georgioupoli, *Phragmites* stand at spring rivulet close to sandy seashore, E of the village, 19.05.2001, T. Kronestedt; 2%% (SMNH), same prov., Agia Marína, among grass, thistles, etc., 1.05.1997, T. Kronestedt.

RECORDS. Chaniá (Meskla) (Wesołowska, 1986); Chaniá (Kaloudiana-Kastelli, Agia Marína, Epanochóri, Karthiana, Praeses); Lasithi (Mílatos) (Metzner, 1999).

***Heliophanus (Heliophanus) kochii* Simon, 1868**

RECORDS. No exact locality (Wesołowska, 1986).

***Heliophanus (Heliophanus) melinus* L. Koch, 1867**

MATERIAL. GREECE: 3%%, 3 subadult && (SMNH), Chaniá Prov., Omalós Plateau (S part), 1080 m a.s.l., pasture-land (among stones), 11.05.2001, T. Kronestedt. RECORDS. Réthimno (Asómatos) (Kulczyłski, 1903); no exact locality (Wesołowska, 1986); Lasithi (Lasithi Plateau) (Dobroruka, 2003).

***Heliophanus (Heliophanus) tribulosus* Simon, 1868**

RECORDS. No exact locality (Wesołowska, 1986); Lasithi (Lasithi Plateau) (Dobroruka, 2003).

***Icius hamatus* (C. L. Koch, 1846)**

RECORDS. Chaniá (Chaniá) (Metzner, 1999); Iráklío (Agia Pelagía), Réthimno (Anógia) (Dobroruka, 2003). NOTES. Both records by Dobroruka (2003) were based on immature specimens and need confirmation.

***Marpissa nivoyi* (Lucas, 1846)**

MATERIAL. GREECE: 1% (SMNH), Crete, Chaniá Prov., Georgioupoli, grassy area close to Almiros River (West side of the bridge), 6.05.2001, T. Kronestedt. RECORDS. Iráklío (Charakas) (Metzner, 1999).

***Menemerus falsificus* Simon, 1868**

RECORDS. Chaniá (Melidóni) (Cecconi, 1895).

NOTES. This old record has not been confirmed by the present studies (e.g. Metzner, 1999), although it has been listed in some catalogues (Prószyłski, 2001). It is very likely that this record should be referred to *M. taeniatus*, from which *M. falsificus* differs in "the absence of white cephalothoracal margin" (s. Simon, 1937: p. 1210). Should it be the only noticeable difference, both names are to be synonymized; at least, the figures of *M. falsificus* provided by Prószyłski (2001) are virtually identical to those of true *M. taeniatus*. According to Metzner (1999), *M. taeniatus* is rather widespread in the mainland of Greece. The problem needs a special attention in the future.

***Menemerus semilimbatus* (Hahn, 1827)**

MATERIAL. GREECE: 1% (SMNH), Crete, Chaniá Prov., Georgioupoli, on quay in harbour, 8.05.2001, T. Kronestedt; 1& (SMNH), same province, Georgioupoli, among stones and debris on sandy sea shore, 6.05.2001, T. Kronestedt.

RECORDS. Lasithi (Mílatos, Lasithi Plateau) (Metzner, 1999; Dobroruka, 2003); Chaniá (Paleohóra); Iráklío (Iráklío, Agia Pelagía, Tombrouk, Karteros River, Skaláni) (Metzner, 1999; Dobroruka, 2003).

***Myrmarachne formicaria* (de Geer, 1778)**

MATERIAL. GREECE: 1& to check (SMNH), Crete, Réthymne Prov., Préveli, at the river ("Palm Beach"), 1.05.2000, T. Kronestedt; 1& (SMNH), Crete, Chaniá Prov., Georgioupoli, grassy area close to Almiros River (West side of the bridge), 6.05.2001, T. Kronestedt.

RECORDS. Chaniá (Azogyres-Paleochóra, Plemeniana-Kándanos); Réthimno (Kalonyktis-Episkopi); Iráklío (Mália, Knossós, Vóri); Lassíthi (Sitía, Maronía) (Metzner, 1999).

***Neaetha membrosa* (Simon, 1868)**

MATERIAL. GREECE: 1& (NHMC, 132), Gavdos Isl. (satellite island at SW coast of Crete), Lavkaras sandunes, *Juniper* forest, 24.07-8.11.1997, K. Pavagamian.

NOTES. This record, as well as the record of *N. membrosa* from the mainland of Greece (Metzner, 1999), is doubtful. As it was noticed by Logunov & Guseinov (2002), all these records might actually belong with *N. absheronica* recently described from the % from Azerbaijan (Logunov & Guseinov, 2002). Males are required to confirm or reject the above identification.

***Neon levis* (Simon, 1871)**

RECORDS. Réthimno (Choumerion/Péráma, Anógia) (Metzner, 1999; Dobroruka, 2003); Lasithi (Lasithi Plateau); Iráklío (Skaláni) (Dobroruka, 2003).

***Neon rayi* (Simon, 1875)**

RECORDS. Chaniá (Kalergi, Lefka Ori Mt.) (Metzner, 1999).

Pellenes (Pelmultus) epularis

(O. P. - Cambridge, 1872)

MATERIAL. GREECE: 10%%, 1& (ISEA), Crete (W part), Lefka Ori Mt., 1650 m a.s.l., plateau above the timberli-

ne (with crawling shrubs), 8.06.1991, P. Lymperakis; 1& (NHMC), same locality and habitat, 1650 m a.s.l., 6.06.1992, P. Lymperakis; 1%, 6&& (MMUM), same locality and habitat, 1650 m a.s.l., 6.07-3.08.1991, P. Lymperakis; 1%, 3& (NHMC), Crete (W part), Lefka Ori Mt., 2100 m a.s.l., alpine valley with scarce vegetation, 6.08.1992, P. Lymperakis; 1& (NHMC), same locality and habitat, 4.08.1991, P. Lymperakis.

NOTES. According to Logunov *et al.* (1999), this is a Mediterranean-Central Asian species. Recently, Cantarella & Alicata (2002) revalidated *P. maderianus* Kulczyński (1905) and doubted the occurrence of *P. epularis* in the Canaries. This opinion is weakly supported, as the authors re-examined only the holotypes of the two latter species, which are old and rather faded, and didn't take into consideration a strong variation of both colouration and genitalic structures in *P. epularis*. Nevertheless, should their conclusion be correct, Greece, including Crete, represents the westernmost known limit of the *P. epularis* distribution.

***Pellenes (Pelmutus) geniculatus* (Simon, 1868)**

MATERIAL. GREECE: 1& (MMUM), Crete, SE vicinities of Iráklío, Youchtas Mt., 350 m a.s.l., phrygano, 28.04-6.06.1996, M. Chatzaki; 1% (NHMC), Gavdos Isl. (satellite island at SW coast of Crete), Ag. Georgios, wetland with no permanent water, 13.03-11.06.1997, K. Pavagamian; 1& (NHMC), same isl., Korfos, phrygano, 11.06-23.08.1997, K. Pavagamian; 1% (MMUM), same locality, 1200 m a.s.l., *Cupressus* forest, 8.06.1991, P. Lymperakis; 2&& (SMNH), Crete, Chaniá Prov., Georgioupoli (rocks on hill at the seashore NW of town), 9.05.2001, T. Kronestedt.

RECORDS. Chaniá (Paleohóra, Zimbragós); Réthimno (Réthimno) (Lucas, 1853: sub *Salticus flavipalpis*; Metzner, 1999: sub *P. flavipalpis*).

NOTES. What we consider *P. geniculatus* herein was earlier identified as *P. flavipalpis* by Metzner (1999), but the latter author did not re-examine the types. If Metzner's identification is correct, the name *P. flavipalpis* is to be treated as a senior synonym of *P. geniculatus* (cf. Logunov *et al.*, 1999). As the latter authors re-examined the syntypes of *P. geniculatus*, we follow their interpretation of the species. The problem of the synonymy needs a special attention in the future.

***Philaeus chrysops* (Poda, 1761)**

MATERIAL. GREECE: 2%% (NHMC), Crete, Chaniá Prov., Lefka Ori Mt., 800 m a.s.l., pine forest, 6.07-8.06.1991, P. Lymperakis.

RECORDS. Chaniá (Kolimvári, Paleohóra) (Roewer, 1959; Metzner, 1999); Lasithi (Lasithi Plateau) (Metzner, 1999).

***Phlegra fasciata* (Hahn, 1826)**

RECORDS. Chaniá (Agia Marína, Kolimvári-Rapanianá) (Metzner, 1999).

***Phlegra lineata* (C. L. Koch, 1846)**

MATERIAL. GREECE: 1% (NHMC), Crete, Chaniá Prov., Lefka Ori Mt., 800 m a.s.l., pine forest, 6.07.1991, P. Lymperakis; 1% (SMNH), same province, NW of

Georgioupoli, hill slope with garrigue, 8.05.2001, T. Kronestedt; 1% (SMNH), same province, Tavronítis, among stones at the river, 5.05.2000, T. Kronestedt; 1% (SMNH), same province, Ágii Apóstoli, dry vegetation (exposed) on slope at sea shore, 2.05.2000, T. Kronestedt; 1% (SMNH), same province, SE of Agi Pandes (road junction to Frés), dry meadow with grasses and herbs, 30.04.2000, T. Kronestedt.

RECORDS. Iráklío (Skaláni) (Dobroruka, 2003).

***Phlegra theseusi* Logunov, 2001**

RECORDS. Chaniá (Lefka Ori Mt.) (Logunov, 2001a).

***Plexippus paykulli* (Savigny et Audouin, 1825)**

MATERIAL. GREECE: 1% (SMNH), Crete, Chaniá Prov., Agia Marína, indoors, 29.04.1997, T. Kronestedt.

RECORDS. Réthimno (Réthimno); Chaniá (Agia Marína, Paleohóra); Lasithi (Gourmia) (Metzner, 1999); Iráklío (Skaláni, Mália) (Dobroruka, 2003).

***Pseudeuphrys obsoleta* (Simon, 1868)**

MATERIAL. GREECE: 2%%, 3&& (ISEA), Crete, Chaniá Prov., Lefka Ori Mt., 1650 m a.s.l., plateau above the timberline (with creeping shrubs), 8.06-23.11.1991, P. Lymperakis; 1& (NHMC), same locality and habitat, 1650 m a.s.l., 6.06.1992, P. Lymperakis; 2%%, 1& (NHMC), same locality and habitat, 1650 m a.s.l., 7.09-5.10.1991, P. Lymperakis; 2& (NHMC), 1200 m a.s.l., *Cupressus* forest, 6.07.1991, P. Lymperakis; 1& (NHMC), Crete, Chaniá Prov., Lefka Ori Mt., 2100 m a.s.l., alpine valley with scarce vegetation, 16.10.1990, P. Lymperakis; 2%% (NHMC), same locality and habitat, 6.10.1991, P. Lymperakis.

RECORDS. Iráklío (Psiloreitis) (Dobroruka, 2003).

***Pseudeuphrys pallidipes* Dobroruka, 2003**

RECORDS. Iráklío (Inatos) (Dobroruka, 2003).

NOTES. There is no doubts this species is to actually be assigned to the genus *Saitis*. Furthermore, its relationships with *Saitis ariadneae* remain unstudied and need further study. The description and illustrations by Dobroruka (2003) leave some doubts on the validity of *P. pallidipes*.

***Pseudicius encarpatus* (Walckenaer, 1802)**

RECORDS. Lasithi (Psihró) (Roewer, 1959).

NOTES. This species was reported once by Roewer (1959) and this record has not been confirmed by modern authors (*e.g.* Metzner, 1999). It is highly likely that Roewer actually dealt with *P. picaceus*, which is common and widespread in Crete (see below). The problem needs a special attention in the future.

***Pseudicius picaceus* (Simon, 1868)**

RECORDS. Lasithi (Lasithi Plateau); Réthimno (Kissou Kambas, Spili) (Metzner, 1999); Chaniá (Paleohóra, Agia Irini); Iráklío (Léndas, Skaláni) (Metzner, 1999; Dobroruka, 2003).

***Saitis ariadneae* Logunov, 2001**

RECORDS. Chaniá (Lefka Ori Mt.) (Logunov, 2001a).

***Saitis sengleti* (Metzner, 1999)**

MATERIAL. GREECE: 1& (SMNH), Crete, Chaniá

Prov., Georgioupoli, sandy sea shore (among stones, debris, etc.), 6.05.2001, T. Kronestedt.

RECORDS. Chaniá (Paleochóra, Agia Irini, Akrotiri); Réthimno (Keramotí-Choumerion, Oros Ida, Selli) (Metzner, 1999: sub *Pseudeuophrys* s.); Chaniá (Lefka Ori Mt.) (Logunov, 2001a).

***Salticus zebraneus* (C. L. Koch, 1837)**

RECORDS. Iráklío (Fódele, Kardamiana) (Metzner, 1999); Chaniá (Baumrinde, Kavallos, Agia Irini) (Metzner, 1999; Dobroruka, 2003).

***Synageles dalmaticus* (Keyserling, 1863)**

MATERIAL. GREECE: 1& (NHMC), Greece, Gavdos Isl. (satellite island at SW coast of Crete), Lavkaras sandunes, *Juniper* forest, 11.06-23.08.1997, K. Pavagamian.

OTHER MATERIAL. GREECE: 1%(ZMTU), Rhodos, Kritika, from litter of maquis, 22.05.1973, P. L. Lehtinen.

RECORDS. Unknown District (Ida Mt.) (Thaler, 1983); Iráklío (Avgeniki, Potamiés) (Metzner, 1999).

***Synageles hilarulus* (C. L. Koch, 1846)**

MATERIAL. GREECE: 1% (SMNH), Crete, Chaniá Prov., Georgioupoli, grassy area close to Almiros River (west side of the bridge), 6.05.2001, T. Kronestedt; 1% (SMNH), Crete, Chaniá Prov., Georgioupoli, grass and *Phragmitis* sp. W of harbour, 14.05.2001, T. Kronestedt.

NOTES. This trans-Eurasian subboreal species is first recorded from Greece.

***Thyene imperialis* (Rossi, 1877)**

RECORDS. Chaniá (Agia Irini); Iráklío (Skaláni) (Dobroruka, 2003).

***Yllenus gavdos* Logunov & Marusik, 2003**

RECORDS. Gavdos Isl. (Lavkaras) (Logunov & Marusik, 2003).

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