

Genus	Vol. 23(4): 461-563	Wrocław, 28 XII 2012
-------	---------------------	----------------------

Ants of Greece – checklist, comments and new faunistic data (Hymenoptera: Formicidae)

LECH BOROWIEC¹ & SEBASTIAN SALATA²

Department of Biodiversity and Evolutionary Taxonomy, University of Wrocław, Przybyszewskiego,
63/77, 51-148 Wrocław, Poland, e-mail: ¹cassidae@biol.uni.wroc.pl, ²rubisco198@gmail.com

ABSTRACT. A list of 291 ant species recorded from Greece are given but approximately 15% of taxa need confirmation due to recent studies on European ants and reinterpretation of several taxa. The following 17 species are recorded from Greece for the first time: *Camponotus sannini* TOHMÉ & TOHMÉ, *Crematogaster jehovae* FOREL, *Formica bruni* KUTTER, *Lasius jensi* SEIFERT, *Lasius nitidigaster* SEIFERT, *Lepisiota dolabellae* (FOREL), *Myrmica lonae* FINZI, *Myrmica tulinae* ELMES, RADCHENKO & AKTAÇ, *Temnothorax flavicornis* (EMERY), *Temnothorax sordidulus* (MÜLLER), *Temnothorax turcicus* (SANTSCHI), *Tetramorium hungaricum* RÖSZLER, and five species not attributed to a named species: *Camponotus* cf. *lateralis* sp. 1, *Camponotus* cf. *lateralis* sp. 2, *Lepisiota* cf. *melas* sp. 1, *Lepisiota* cf. *syriaca* sp. 1, and *Tetramorium* cf. *caespitum* sp. 1. *Camponotus candiotes* is recorded as new species to Croatia. New faunistic data for 132 other species are given.

Key words: entomology, zoogeography, catalogue, ants, Greece.

INTRODUCTION

The history of knowledge of Greek ants goes back to the early 19th century (BRULLÉ 1833) but due to the complicated history of Greece, for many years the ant fauna of the country was studied less intensively and by foreign entomologists. No regional monograph was published and the first key concerning also Greek fauna and the first checklist were papers by AGOSTI and COLLINGWOOD (1987 a, b). Both papers stimulated recent workers to study ants of the Balkan region but data from Greece were published mostly in small contributions or in revisions of particular taxa. LEGAKIS (2011) was the first to compile a checklist of Greek ants. Although the list was published recently, it did not include results from several important revisions of some taxa (see discussion chapter). The list is also difficult to use, as the author placed both valid species names

and infraspecific names alphabetically within particular genera. Therefore, information on distribution of particular species is often two to four pages apart. The list is mostly uncritical and many problematic taxa have no notes.

In 2006, the Department of Biodiversity and Evolutionary Taxonomy, University of Wrocław, initiated a study of ants of the Mediterranean Subregion, especially its eastern part. Since then we accumulated a significant collection of specimens from Bulgaria, Croatia, Greece and Turkey. The material showed that the ant fauna of the region needs a revision, both faunistic and taxonomic, and the first step is to compile a reliable regional checklist and catalogues. In our opinion only three recent regional list are reliable – a checklist of ants of Croatia (BRAČKO 2006), checklist of ants of Turkey (KIRAN & KARAMAN 2012), and a catalogue of ants of Bulgaria (LAPEVA-GJONOVA et al. 2010), based mostly on recent keys or revisions and critical reviews of particular species. Although LEGAKIS' (2011) checklist is quite recent we decided to prepare a new checklist of ants of Greece, supplemented by new faunistic material vouchered in our collection, and with comments to problematic taxa.

Distribution in particular provinces of the Greek mainland after LEGAKIS (2011).

Abbreviations for provinces in Greek mainland: Ep = Epirus, Ma = Macedonia, Pe = Peloponnese, St = Sterea Ellas (= Central Greece incl. Evia and Sporades islands), Th = Thessaly, Tr = Thrace; abbreviation in the new faunistic data: LB = leg. L. Borowiec.

LIST OF SPECIES

Acropyga paleartica MENOZZI, 1936

Acropyga (*Rhizomyrma*) *paleartica* MENOZZI, 1936: 298.

DISTRIBUTION IN GREECE: **Crete, Dodecanese, mainland (Pe, St, Th).**

GENERAL DISTRIBUTION: endemic to Greece.

Aenictus rhodiensis MENOZZI, 1936

Aenictus rhodiensis MENOZZI, 1936: 266.

DISTRIBUTION IN GREECE: **Dodecanese.**

GENERAL DISTRIBUTION: Israel; Turkey.

Anergates atratulus (SCHENCK, 1852)

Myrmica atratula SCHENCK, 1852: 91.

DISTRIBUTION IN GREECE: **mainland (Ma).**

GENERAL DISTRIBUTION: Albania; Armenia; Austria; Belarus; Belgium; Britain; Bulgaria; Channel Is.; Czech Rep.; Denmark; Finland; France: mainland; Germany;

Hungary; Italy: mainland, Sicily; Latvia; Lithuania; Luxemburg; Moldova; Netherlands; Poland; Romania; Russia; Serbia; Slovakia; Spain: mainland; Sweden; Switzerland; Ukraine; Turkey.

***Anoplolepis gracilipes* (F. SMITH, 1857)**

Formica gracilipes SMITH, 1857 a: 55.

DISTRIBUTION IN GREECE: **Cyclades.**

GENERAL DISTRIBUTION: Azores; Turkey; United Arab Emirates - Cosmopolitan.

***Aphaenogaster balcanica* (EMERY, 1898)**

Stenamma (Aphaenogaster) testaceopilosa var. *balcanica* EMERY, 1898: 136.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, Ionian Is., mainland (Ep, Pe, St).**

NEW MATERIAL: **Macedonia:** Halkidiki, Kassandra, Elani, 281 m, 40°03' N/23°21' E, 28 VIII 2009, leg. LB; Halkidiki, Kassandra, Sani Forest, 96 m, 40°05' N/23°20' E, 4 IX 2009, leg. LB; Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 5-6 IX 2009, leg. LB; **Stereia Ellas:** Parnassos, Viotia pref., 8 km NW of Arahova, 1130 m, 38°32' N/22°32' E, 22 IV 2011, leg. J. Kalisiak.

GENERAL DISTRIBUTION: Albania; Slovenia; Turkey.

COMMENTS: it is a member of *A. testaceopilosa* group which needs revision. Records from Crete and Dodecanese need confirmation because probably based on misidentification with other species of the group (probably *A. simonelli* EMERY).

***Aphaenogaster cecconii* EMERY, 1894**

Aphaenogaster (Ischnomyrmex) cecconii EMERY, 1894 a: 7.

DISTRIBUTION IN GREECE: **Crete.**

NEW MATERIAL: **Crete:** Chania distr., Kourna Lake, S of Georgioupoli, 95 m, 35°19' N/24°17' E, 3 V 2007, leg. L. & M.L. Borowiec; Chania distr., Therisso Gorge S of Chania, 320 m, 35°26' N/23°59' E, 1 V 2011, leg. LB; Chania distr., Omalos Plateau, 1034 m, 35°20' N/23°53' E, 3 V 2011, leg. LB; Chania distr., ancient Aptera, E of Chania, 186 m, 35°28' N/24°07' E, 4 V 2011, leg. LB; Chania distr., Diktamos Gorge n. Stilos, 160 m, 35°26' N/24°06' E, 4 V 2011, leg. LB.

GENERAL DISTRIBUTION: endemic to Greece.

***Aphaenogaster epirotes* (EMERY, 1895)**

Stenamma (Aphaenogaster) epirotes EMERY, 1895: 304.

DISTRIBUTION IN GREECE: **Aegean Is., Ionian Is., mainland (Ma).**

NEW MATERIAL: **Macedonia**: Halkidiki, Holomontas, Stagira, 539 m, 40°31' N/23°44' E, 3 IX 2009, leg. LB; **Stereia Ellas**: Iti Mts., Fthiotida, 2 km W Iti, 836 m, 38°44' N/22°23' E, 20-21 IV 2010, leg. J. Kalisiak.

GENERAL DISTRIBUTION: Albania; Bulgaria; Croatia; Israel; Italy: mainland; Macedonia; Montenegro; Serbia; Slovenia; Turkey.

***Aphaenogaster festae* EMERY, 1915**

Aphaenogaster splendida ssp. *festae* EMERY, 1915 b: 2.

DISTRIBUTION IN GREECE: **Aegean Is., Dodecanese, mainland (Ep, Ma, Tr).**

GENERAL DISTRIBUTION: Iraq; Turkey.

***Aphaenogaster finzii* MÜLLER, 1921**

Aphaenogaster pallida ssp. *finzii* MÜLLER, 1921: 47.

DISTRIBUTION IN GREECE: **mainland (Ma).**

GENERAL DISTRIBUTION: Bosnia and Hercegovina; Croatia; Italy: mainland; Macedonia; Montenegro; Serbia.

***Aphaenogaster gibbosa* (LATREILLE, 1798)**

Formica gibbosa LATREILLE, 1798: 50.

DISTRIBUTION IN GREECE: **Ionian Is., mainland (Pe, St).**

GENERAL DISTRIBUTION: Albania; Algeria; Armenia; Bosnia and Hercegovina; Bulgaria; France: Corsica, mainland; Georgia; Gibraltar; Iran; Israel; Italy: mainland, Sardinia, Sicily; Macedonia; Portugal; Serbia; Spain: mainland; Switzerland; Tunisia; Turkey.

***Aphaenogaster graeca* SCHULZ, 1994**

Aphaenogaster graeca SCHULZ, 1994: 420.

DISTRIBUTION IN GREECE: **mainland (Ma).**

NEW MATERIAL: **Macedonia**: Pieria distr., Pieria Mts., Skotina, 649 m, 40°12.006 N/22°13.938 E, 1 IX 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 803 m, 39°59.426 N/22°26.341 E, 2 IX 2012, leg. LB; Pieria distr., Pieria Mts., Ritini-Elatochori rd., 748 m, 40°18.156 N/22°15.979 E, 3 IX 2012, leg. LB; Pieria distr., Pieria Mts., 4.5 km N of Elatochori, 762 m, 40°21.569 N/22°15.532 E, 3 IX 2012, leg. LB.

GENERAL DISTRIBUTION: endemic to Greece.

***Aphaenogaster ionia* SANTSCHI, 1933**

Aphaenogaster semipolita var. *ionia* SANTSCHI, 1933: 390 (= *Aphaenogaster testaceopilosa* subsp. *semipolita* var. *ionia* EMERY, 1915 a: 257 unavailable name).

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Dodecanese, Ionian Is., mainland (Ep, Ma, Pe).**

GENERAL DISTRIBUTION: Albania; Croatia; Italy: mainland, Sicily; Malta; Serbia; ?Turkey.

COMMENTS: it is a member of *A. testaceopilosa* group which needs revision. Records from Aegean Is., Crete, Dodecanese, Ionian Is., and Peloponnese need confirmation because probably based on misidentification with other species of the group.

***Aphaenogaster ledouxi* TOHMÉ, 1969**

Aphaenogaster ledouxi TOHMÉ, 1969: 3.

DISTRIBUTION IN GREECE: **Aegean Is.**

GENERAL DISTRIBUTION: Lebanon.

COMMENTS: its occurrence in Greece needs confirmation.

***Aphaenogaster lesbica* FOREL, 1913**

Aphaenogaster pallida var. *lesbica* FOREL, 1913: 429.

DISTRIBUTION IN GREECE: **Aegean Is., Crete.**

NEW MATERIAL: **Crete:** Chania distr., Omalos Plateau, 1034 m, 35°20' N/23°53' E, 3 V 2011, leg. LB; Chania distr., Kato Daratso n. Chania, 10-25 m, 35°30' N/23°58' E, 6 V 2011, leg. LB.

GENERAL DISTRIBUTION: Cyprus; Israel; Serbia.

***Aphaenogaster muelleriana* WOLF, 1915**

Aphaenogaster ovaticeps ssp. *mülleriana* WOLF, 1915: 44 (= *Aphaenogaster ovaticeps* ssp. *mülleriana* EMERY, 1914: 156 nomen nudum).

DISTRIBUTION IN GREECE: **Ionian Is., mainland (Ep).**

GENERAL DISTRIBUTION: Albania; Bosnia and Hercegovina; Croatia; Italy: mainland; Macedonia; Slovenia; Montenegro; Serbia.

***Aphaenogaster obsidiana* (MAYR, 1861)**

Atta obsidiana MAYR, 1861: 67.

DISTRIBUTION IN GREECE: **Ionian Is., mainland (Ma, St).**

GENERAL DISTRIBUTION: Georgia; Israel; Macedonia; Montenegro; Russia (Caucasus); Serbia; Turkey.

***Aphaenogaster ovaticeps* (EMERY, 1898)**

Stenamma (*Aphaenogaster*) *ovaticeps* EMERY, 1898: 136.

DISTRIBUTION IN GREECE: **Aegean Is., Ionian Is., mainland (Ep, Ma, Pe, Tr).**

GENERAL DISTRIBUTION: Italy: mainland.

***Aphaenogaster rugosoferruginea* FOREL, 1889**

Aphaenogaster splendida r. *rugosoferruginea* FOREL, 1889: 260.

DISTRIBUTION IN GREECE: **Aegean Is., Crete.**

NEW MATERIAL: **Crete:** Chania distr., Therisso Gorge S of Chania, 360 m, 35°26' N/23°59' E, 1 V 2011, leg. LB; Chania distr., Koutsomatados-Mili rd., 308 m, 35°23' N/23°40' E, 2 V 2011, leg. LB; Chania distr., Plemeniana n. Kandanos, 339 m, 35°19' N/23°43' E, 2 V 2011, leg. LB.

GENERAL DISTRIBUTION: Cyprus.

***Aphaenogaster sangiorgii* (EMERY, 1901)**

Stenamma (*Aphaenogaster*) *sangiorgii* EMERY, 1901: 57.

DISTRIBUTION IN GREECE: **Ionian Is.**

GENERAL DISTRIBUTION: Macedonia.

***Aphaenogaster semipolita* (NYLANDER, 1856)**

Myrmica semi-polita NYLANDER, 1856: 86.

DISTRIBUTION IN GREECE: **Recorded generally from Greece and Greek islands.**

GENERAL DISTRIBUTION: Georgia; Italy: Sicily; Turkey.

COMMENTS: records from Greece probably based on misinterpretation of *A. semipolita* and concern other species of *A. semipolita* group.

***Aphaenogaster simonellii* EMERY, 1894**

Aphaenogaster testaceopilosa var. *simonellii* EMERY, 1894 a: 8.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Dodecanese, mainland (St).**

NEW MATERIAL: **Crete:** Rethimnon distr., 12 km E Georgioupoli, Karoti, 110 m, 35°20' N/24°21' E, 30 IV 2007, leg. L. & M.L. Borowiec; Chania distr., Sfakia, Askifou,

730 m, 35°16' N/24°10' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Khora Sfakion, 6 m, 35°12' N/24°08' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., 6 km S of Vrises, 280 m, 35°19' N/24°12' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Georgioupoli, 17 m, 35°21' N/24°15' E, 4 V 2007, leg. L. & M.L. Borowiec; Chania distr., Therisso Gorge S of Chania, 360 m, 35°26' N/23°59' E, 1 V 2011, leg. LB; Chania distr., Koutsomatados-Mili rd., 308 m, 35°23' N/23°40' E, 2 V 2011, leg. LB; Chania distr., Potamida n. Mythimna, 35-40 m, 35°28' N/23°41' E, 2 V 2011, leg. LB; Chania distr., Omalos Plateau, 1034 m, 35°20' N/23°53' E, 3 V 2011, leg. LB; Chania distr., Omalos Plateau-Prases rd., 945 m, 35°20' N/23°51' E, 3 V 2011, leg. LB; Chania distr., Kato Daratso n. Chania, 20-25 m, 35°30' N/23°58' E, 7 V 2011, leg. LB; **Dodecanese**: Rhodes, Kiotari, 3 m, 36°02' N/27°57' E, 2 VII 2008, leg. LB; Rhodes, Asklipiio-Laerma rd., 500 m of Asklipiio, 135 m, 36°04' N/27°55' E, 3 VII 2008, leg. LB; Rhodes, Agios Nektarios, E of Archipoli, 82 m, 36°15' N/28°04' E, 4 VII 2008, leg. LB; Rhodes, Epta Piges, W of Kolymbia, 92 m, 36°15' N/28°06' E, 4 VII 2008, leg. LB; Rhodes, Rhodes City, 16 m, 36°26' N/28°13' E, 7 VII 2008, 3leg. LB; Rhodes, Mesanagros, 8 VII 2008, 257 m, 36°00' N/27°49' E, leg. LB; Rhodes, Petaloudes, 192 m, 36°20' N/28°03' E, 9 VII 2008, leg. LB; Rhodes, Apollona, 372 m, 36°15' N/27°55' E, 10 VII 2008, leg. LB.

GENERAL DISTRIBUTION: Serbia (probably misidentification); Turkey.

COMMENTS: This is a member of *A. testaceopilosa* group which is in a need of revision. In LEGAKIS' (2011) checklist this species is listed under names *A. simonellii* and *A. simonellii* ssp. *sporadis* SANTSCHI.

Aphaenogaster splendida (ROGER, 1859)

Atta splendida ROGER, 1859: 257.

DISTRIBUTION IN GREECE: **Aegean Is., mainland (Ma, St).**

GENERAL DISTRIBUTION: Algeria; Armenia; Croatia; Egypt; France: mainland; Georgia; Israel; Italy: mainland, Sicily; Macedonia; Malta; Russia (Caucasus); Serbia and Montenegro; Spain: mainland; Turkey.

Aphaenogaster strioloides FOREL, 1890

Aphaenogaster subterranea var. *strioloides* FOREL, 1890: 71.

DISTRIBUTION IN GREECE: **mainland (Ma).**

GENERAL DISTRIBUTION: Algeria; Spain: mainland; Tunisia.

COMMENTS: it is a western Mediterranean species and its occurrence in Greece needs confirmation.

Aphaenogaster subterranea (LATREILLE, 1798)

Formica subterranea LATREILLE, 1798: 49 [*subteranea* sic!].

DISTRIBUTION IN GREECE: **Cyclades, Ionian Is., mainland (Ep, Ma, Pe, St, Th).**

NEW MATERIAL: **Macedonia:** Halkidiki, Holomontas, n. Taxiarchis, Paleokastro, 896 m, 40°25' N/23°30' E, 30 VIII 2009, leg. LB; Halkidiki, Holomontas, n. Arnea, 773-808 m, 40°28' N/23°33' E, 1 IX 2009, leg. LB; Halkidiki, Sithona, Parthenonas, 305 m, 40°07' N/23°36' E, 2 IX 2009, leg. LB; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 1055 m, 40°06.452 N/22°27.571 E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 322 m, 40°06.271 N/22°29.571 E, 31 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Litochoro-Ag. Ioannis rd., 575 m, 40°05.396 N/22°29.303 E, 31 VIII 2012, leg. LB; Pieria distr., Pieria Mts., Fotina, 398 m, 40°13.288 N/22°18.385 E, 1 IX 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 322 m, 40°02.240 N/22°31.456 E, 2 IX 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 901 m, 40°01.776 N/22°29.541 E, 2 IX 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 803 m, 39°59.426 N/22°26.341 E, 2 IX 2012, leg. LB; Pieria distr., Pieria Mts., Ritini-Elatochori rd., 748 m, 40°18.156 N/22°15.979 E, 3 IX 2012, leg. LB; Pieria distr., Pieria Mts., 2.3 km N of Elatochori, 748 m, 40°20.393 N/22°15.413 E, 3 IX 2012, leg. LB; Pieria distr., Pieria Mts., 4.5 km N of Elatochori, 762 m, 40°21.569 N/22°15.532 E, 3 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., road to Pandeileimonas, 279 m, 39°59.350 N/22°35.707 E, 4 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., Pandeileimonas-Prof. Ilias rd., 729 m, 39°59.111 N/22°32.812 E, 4 IX 2012, leg. LB; Pieria distr., Platamonas Castle, 40°00.347 N/22°35.880 E, 106 m, 4 IX 2012, leg. LB; Pieria distr., Pieria Mts., 1.8 km E of Rizomata, 668 m, 40°21.371 N/22°13.886 E, 5 IX 2012, leg. LB; Pieria distr., Pieria Mts., Aliakomonas Lake n. Sfikia, 88 m, 40°24.869 N/22°11.709 E, 5 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 1, 249 m, 40°12.753 N/22°19.072 E, 7 IX 2012, leg. LB; Pieria distr., Olympus Mts., Petra vic., 584 m, 40°10.651 N/22°19.800 E, 7 IX 2012, leg. LB; **Stereia Ellas:** Evritania, Fthiotida, 3 km W of Timfristos, 908 m, 38°55' N/21°55' E, 19 IV 2010, leg. J. Kalisiak; **Thessaly:** Larissa distr., Ossa Mts., Omoli-Stomio rd. loc. 2, 84 m, 39°52.249 N/22°41.859 E, 8 IX 2012, leg. LB; Larissa distr., Ossa Mts., Stomio-Karitsa rd., 137 m, 39°51.466 N/22°44.822 E, 8 IX 2012, leg. LB; Larissa distr., Ossa Mts., Ag. Dimitrios Mon. n. Stomio, 162 m, 39°51.544 N/22°44.418 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Andorra; Algeria; Armenia; Austria; Belgium; Bosnia and Herzegovina; Bulgaria; Channel Is.; Croatia; Cyprus; Czech Rep.; France; Corsica, mainland; Georgia; Germany; Gibraltar; Hungary; Italy: mainland, Sardinia, Sicily; Macedonia; Malta; Moldova; Montenegro; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Balears, mainland; Switzerland; Turkey; Ukraine.

COMMENTS: This is the most widely spread and common member of the genus *Aphaenogaster* in Greece. Populations from the western part of Mediterranean Subregion differ slightly from populations of the eastern parts of the region and need revision based on molecular studies. Also populations from Greece need detailed study, as we observed at least two morphotypes of this species, differing in colour (pale and dark populations), mean size, and head sculpture.

***Aphaenogaster subterraneoides* EMERY, 1881**

Aphaenogaster pallida var. *subterraneoides* EMERY, 1881: 534.

DISTRIBUTION IN GREECE: **Aegean Is., Cyclades, Dodecanese, Ionian Is.**

GENERAL DISTRIBUTION: Armenia; Bosnia and Hercegovina; Croatia; Cyprus; Macedonia; Morocco; Serbia; Spain: mainland; Turkey; Ukraine.

***Aphaenogaster testaceopilosa* (LUCAS, 1849)**

Myrmica testaceopilosa LUCAS, 1849: 301.

DISTRIBUTION IN GREECE: **Dodecanese, Ionian Is., mainland (Pe, St).**

GENERAL DISTRIBUTION: Algeria; Azores; Georgia; Monaco; Portugal; Spain: Balears, Canary Is., mainland; ?Turkey.

COMMENTS: it is a member of *A. testaceopilosa* group which needs revision. Terra typica of *A. testaceopilosa* is Algeria and in Greece probably occur other species of the group.

***Bothriomyrmex communistus* SANTSCHI, 1919**

Bothriomyrmex meridionalis var. *communista* SANTSCHI, 1919: 206.

DISTRIBUTION IN GREECE: **Aegean Is., Dodecanese, Ionian Is., mainland (Ep, Ma, Pe, St).**

NEW MATERIAL: **Macedonia**: Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 322 m, 40°06.271 N/22°29.571 E, 31 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Litochoro-Ag. Ioannis rd., 575 m, 40°05.396 N/22°29.303 E, 31 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 322 m, 40°02.240 N/22°31.456 E, 2 IX 2012, leg. LB; Pieria distr., Pieria Mts., Aliakomonas Lake n. Sfikia, 88 m, 40°24.869 N/22°11.709 E, 5 IX 2012, leg. LB; **Stereia Ellas**: Iti Mts., Fthiotida, 2 km W Iti, 836 m, 38°44' N/22°23' E, 20-21 IV 2010, leg. J. Kalisiak; **Thessaly**: Larissa distr., Ossa Mts., Evaggelismos-Elatia rd., 117 m, 39°49.072 N/22°31.979 E, 6 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Armenia; Bosnia and Hercegovina; Bulgaria; Croatia; Georgia; Ukraine; Turkey.

COMMENTS: According to a new revision of the genus *Bothriomyrmex* of continental Europe (SEIFERT 2012 b), only two species occur on Greek mainland : *B. communistus* SANTSCHI and *B. corsicus* SANTSCHI. The former species is noted in LEGAKIS' (2011) checklist under the names *Bothriomyrmex adriacus* SANTSCHI, *B. atlantis* auct. not FOREL, *B. ionius* EMERY and *B. meridionalis* auct. not ROGER.

***Bothriomyrmex corsicus* SANTSCHI, 1923**

Bothriomyrmex meridionalis var. *corsica* SANTSCHI, 1923: 136.

DISTRIBUTION IN GREECE: **Aegean Is., Ionian Is.**

NEW MATERIAL: **Macedonia:** Halkidiki, Kassandra, Agia Paraskevi, 213 m, 39°57' N/23°36' E, 26 VIII 2009, leg. LB.

GENERAL DISTRIBUTION: Austria; Bulgaria; Czech Republic; France: Corsica, mainland; Italy: mainland; Kosovo; Lichtenstein; Romania; Slovakia; Slovenia; Switzerland; Turkey.

COMMENTS: In LEGAKIS' (2011) checklist recorded under *Bothriomyrmex gibbus* SOUDEK.

***Bothriomyrmex jannonei* MENOZZI, 1936**

Bothriomyrmex jannonei MENOZZI, 1936: 295.

DISTRIBUTION IN GREECE: **Dodecanese.**

GENERAL DISTRIBUTION: endemic to Greece.

COMMENTS: This species is *incertae sedis*. SEIFERT (2012 b) in his recent revision of the European species *B. jannonei* is listed only, without any comments.

***Bothriomyrmex syrius* FOREL, 1910**

Bothriomyrmex meridionalis var. *syria* FOREL, 1910 a: 13.

DISTRIBUTION IN GREECE: **Aegean Is.**

GENERAL DISTRIBUTION: Egypt; Israel; Lebanon; Serbia; Tunisia; Turkey.

COMMENTS: According to SEIFERT's (2012 b) recent treatment of *Bothriomyrmex* this is a valid species, but its occurrence in Greece needs confirmation.

***Camponotus (Myrmentoma) aegaeus* EMERY, 1915**

Camponotus (Orthonotomyrmex) libanicus var. *aegaea* EMERY, 1915 b: 4.

DISTRIBUTION IN GREECE: **Crete, Dodecanese.**

NEW MATERIAL: **Dodecanese:** Rhodes, Agios Nektarios, E of Archipoli, 82 m, 36°15' N/28°04' E, 4 VII 2008, leg. LB; Rhodes, Epta Piges W of Kolymbia, 92 m, 36°15' N/28°06' E, 4 VII 2008, leg. LB; Rhodes, Apolakkia, 34 m, 36°03' N/27°47' E, 5 VII 2008, leg. LB; Rhodes, Apollona, 372 m, 36°15' N/27°55' E, 10 VII 2008, leg. LB; **Macedonia:** Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 25 VIII 2009, leg. LB; Halkidiki, Kassandra, Livadakia, 3-10 m, 39°58' N/23°33' E, 26 VIII 2009, leg. LB; Halkidiki, Kassandra, Elani, 281 m, 40°03' N/23°21' E, 28 VIII 2009, leg. LB; Halkidiki, Kassandra, Kassandrino-Polichrono rd., 594 m, 40°24' N/23°31' E, 29 VIII 2009, leg. LB; Halkidiki, Kassandra, Siviri-Elani rd., 41 m, 40°01' N/23°25' E, 29 VIII 2009, leg. LB.

GENERAL DISTRIBUTION: Bulgaria; Turkey.

***Camponotus (Tanaemyrmex) aethiops* (LATREILLE, 1798)**

Formica aethiops LATREILLE, 1798: 35.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, Ionian Is., mainland (Ep, Ma, Pe, St, Th).**

NEW MATERIAL: **Crete:** Chania distr., Sfakia, 3 km S Askifou, 750 m, 35°16' N/24°10' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Therisso Gorge S of Chania, 320 m, 1 V 2011, leg. LB; Chania distr., Kandalos-Floria rd., 588 m, 35°21' N/23°44' E, 2 V 2011, leg. LB; Chania distr.: Omalos Plateau, 1034 m, 35°20' N/23°53' E, 3 V 2011, leg. LB; Chania distr., Diktamos Gorge n. Stilos, 160 m, 35°26' N/24°06' E, 4 V 2011, det. LB; **Macedonia:** Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 25 VIII 2009, leg. LB; Halkidiki, Kassandra, Kassandrino-Polichrono rd., 594 m, 40°24' N/23°31' E, 29 VIII 2009, leg. LB; Halkidiki, Metamorfofi-Metangisi rd., 335 m, 40°14' N/23°36' E, 27 VIII 2009, leg. LB; Halkidiki, Holomontas, Vrastama-Taxiarhis rd., 626 m, 40°23' N/23°31' E, 30 VIII 2009, leg. LB; Halkidiki, Sithona, Parthenonas, 305 m, 40°07' N/23°36' E, 2 IX 2009, leg. LB; Halkidiki, Kassandra, Sani Forest, 96 m, 40°05' N/23°20' E, 4 IX 2009, leg. LB; Pieria distr., Paralia Katerini, 5 m, 40°15.842 N/22°35.774 E, 28-29 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 887 m, 40°06.787 N/22°28.145 E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 322 m, 40°06.271 N/22°29.571 E, 31 VIII 2012, leg. LB; Pieria distr., Pieria Mts., Fotina, 398 m, 40°13.288 N/22°18.385 E, 1 IX 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 901 m, 40°01.776 N/22°29.541 E, 2 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., road to Pandeileimonas, 279 m, 39°59.350 N/22°35.707 E, 4 IX 2012, leg. LB; Pieria distr., Pieria Mts., Vria-Ritini rd., 388 m, 40°17.085 N/22°18.337 E, 5 IX 2012, leg. LB; Pieria distr., Pieria Mts., 1.8 km E of Rizomata, 668 m, 40°21.371 N/22°13.886 E, 5 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 1, 249 m, 40°12.753 N/22°19.072 E, 7 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 2, 386 m, 40°12.031 N/22°19.010 E, 7 IX 2012, leg. LB; Pieria distr., Olympus Mts., Petra vic., 584 m, 40°10.651 N/22°19.800 E, 7 IX 2012, leg. LB; **Stereia Ellas:** Iti Mts., Fthiotida, 2 km W Iti, 836 m, 38°44' N/22°23' E, 20-21 IV 2010, leg. J. Kalisiak; **Thessaly:** Larissa distr., Ossa Mts., Spilia vic., 822 m, 39°48.029 N/22°38.952 E, 6 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Andorra; Armenia; Austria; Bosnia and Hercegovina; Bulgaria; Croatia; Cyprus; Czech Rep.; France: Corsica; Georgia; Germany; Gibraltar; Hungary; Iran; Israel; Italy: mainland; Sardinia, Sicily; Macedonia; Malta; Moldova; Montenegro; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Balears; Switzerland; Turkey.

***Camponotus (Tanaemyrmex) andrius* DALLA TORRE, 1893**

Camponotus oertzeni var. *andrius* DALLA TORRE, 1893: 246 (= *Camopotus rubripes* r. *oertzeni* var. *andrius* FOREL, 1889: 265 unavailable name).

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese.**

GENERAL DISTRIBUTION: endemic to Greece.

COMMENTS: RADCHENKO (1997 b) raised this taxon to species rank but due to the taxonomical instability in the *Camponotus aethiops-oertzeni* complex its status needs revision.

***Camponotus (Myrmentoma) atricolor* (NYLANDER, 1849)**

Formica atricolor NYLANDER, 1849: 36.

DISTRIBUTION IN GREECE: **Aegean Is., Dodecanese, mainland (Ma, Pe).**

NEW MATERIAL: **Macedonia:** Halkidiki, Holomontas, Stagira, 539 m, 40°31'N/23°44' E, 3 IX 2009, leg. LB; Pieria distr., Paralia Katerini, 5 m, 40°15.842'N/22°35.774' E, 28-29 VIII 2012, leg. LB; Pieria distr., Aliko, 1-3 m, 40°22.580'N/22°37.935' E, 29 VIII 2012, leg. LB;; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 803 m, 39°59.426'N/22°26.341' E, 2 IX 2012, leg. LB; Pieria distr., Olympus Mts., Petra vic., 584 m, 40°10.651'N/22°19.800' E, 7 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Austria; Bulgaria; Hungary; Romania.

***Camponotus (Tanaemyrmex) baldaccii* EMERY, 1908**

Camponotus maculatus subsp. *baldaccii* EMERY, 1908 a: 198 (= *Camponotus maculatus* ssp. *dichrous* var. *baldaccii* EMERY, 1894 a: 9 unavailable name).

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Dodecanese, mainland (St).**

NEW MATERIAL: **Crete:** Rethimnon distr., 12 km E Georgioupoli, Karoti, 110 m, 35°20'N/24°21' E, 30 IV 2007, leg. L. & M.L. Borowiec; Chania distr., Sfakia, Askifou, 730 m, 35°16'N/24°10' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Kourna Lake, S of Georgioupoli, 95 m, 35°19'N/24°17' E, 3 V 2007, leg. L. & M.L. Borowiec; Chania distr., Therisso Gorge S of Chania, 320 m, 35°26'N/23°59' E, 1 V 2011, leg. LB; Chania distr., Koutsomatados-Mili rd., 308 m, 35°23'N/23°40' E, 2 V 2011, leg. LB; Chania distr., Potamida n. Mythimna, 35-40 m, 35°28'N/23°41' E, 2 V 2011, leg. LB; Chania distr., Tzitzifes, n. Vrises, 264 m, 35°21'N/24°09' E, 5 V 2011, leg. LB; Chania distr., Fres n. Vrises, 173 m, 35°23'N/24°09' E, 5 V 2011, leg. LB; **Dodecanese:** Rhodes, Kiotari, 3 m, 36°02'N/27°57' E, 2 VII 2008, leg. LB; Rhodes, Kiotari, Hotel Ekaterini, 3 m, 36°02'N/27°56' E, 1 VII 2008, 2-9 VII, 11 VII 2008, leg. LB.

GENERAL DISTRIBUTION: Iran; Israel; Saudi Arabia; Turkey.

***Camponotus (Myrmentoma) boghossiani* FOREL, 1911**

Camponotus boghossiani FOREL, 1911 a: 357.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Dodecanese.**

NEW MATERIAL: **Dodecanese**: Rhodes, Kiotari, 3 m, 36°02' N/27°57' E, 2 VII 2008, leg. LB; Rhodes, Asklipio-Laerma rd., 500 m of Asklipio, 169 m, 36°04' N/27°55' E, 3 VII 2008, leg. LB; Rhodes, Petaloudes, 192 m, 36°20' N/28°03' E, 9 VII 2008, leg. LB; Rhodes, Apollona, 372 m, 36°15' N/27°55' E, 10 VII 2008, leg. LB.

GENERAL DISTRIBUTION: Turkey.

COMMENTS: LEGAKIS (2011) recorded this species under its synonym name *Camponotus stenoticus* EMERY.

Camponotus (Myrmentoma) candiotes EMERY, 1894

Camponotus lateralis var. *candiotes* EMERY, 1894 a: 10.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Dodecanese, Ionian Is., mainland (Th).**

NEW MATERIAL: **Crete**: Chania distr., S of Georgioupoli, 30 m, 35°21' N/24°15' E, 26 IV 2007, 4 V 2007, leg. L. & M.L. Borowiec; Rethimnon distr., 12 km E Georgioupoli, Karoti, 110 m, 35°20' N/24°21' E, 30 IV 2007, leg. L. & M.L. Borowiec; Chania distr., Agia, 6 km SW of Chania, 22 m, 35°28' N/23°55' E, 3 V 2011, leg. LB; Chania distr., Kato Daratso n. Chania, 10-15 m, 35°30' N/23°59' E, 6 V 2011, leg. LB; **Dodecanese**: Rhodes, Apolakkia, 34 m, 36°03' N/27°47' E, 5 VII 2008, leg. LB; Rhodes, Dimylia, 91 m, 36°20' N/28°02' E, 9 VII 2008, leg. LB; **Macedonia**: Pieria distr., Pieria Mts., Ritini-Elatochori rd., 748 m, 40°18.156' N/22°15.979' E, 3 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Croatia (**new data**: Dalmatia, Zadar distr., Pakoštane, 20 m, 43°55' N/15°30' E, 4 IX 2008, leg. M.L. Borowiec & M. Poprawska); Turkey.

COMMENTS: Populations from Crete (terra typica for *C. candiotes*) differ slightly from the populations from Croatia, Dodecanese and continental Greece in distinctly higher propodeal saddle and deeper cleft between mesonotum and propodeum, indicating that the taxonomic rank of populations outside Crete might need reevaluation.

Camponotus (Tanaemyrmex) cecconii EMERY, 1908

Camponotus maculatus subsp. *cecconii* EMERY, 1908 a: 198.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Dodecanese.**

GENERAL DISTRIBUTION: Cyprus; Iran.

Camponotus (Tanaemyrmex) compressus (FABRICIUS, 1787)

Formica compressa FABRICIUS, 1787: 307.

DISTRIBUTION IN GREECE: **Dodecanese.**

GENERAL DISTRIBUTION: Algeria; Cyprus; Libya; Liechtenstein; Madeira; Northern Ireland; Spain: Canary Is.; Turkey; United Arab Emirates - Oriental and Ethiopian Region.

COMMENTS: LEGAKIS (2011) checklist recorded under the synonymic name *Camponotus symiensis* FOREL. LEGAKIS (2011) wrongly noted *Camponotus cosensis* FINZI as a subspecies of *C. compressus*, as *C. cosensis* is a synonym of the valid *C. sanctus*. In our opinion the record of *C. compressus* from Dodecanese needs confirmation as it is probably based on misinterpretation due to nomenclatorial chaos in the *C. compressus-maculatus-sanctus* complex.

***Camponotus (Tanaemyrmex) concavus* DALLA TORRE, 1893**

Camponotus aethiops var. *concavus* DALLA TORRE, 1893: 221 (= *Camponotus rubripes* r. *aethiops* var. *concavus* FOREL, 1889: 263 unavailable name).

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, Ionian Is., mainland (Ep, Ma, St, Th).**

GENERAL DISTRIBUTION: Turkey.

COMMENTS: The taxonomic status of this taxon requires formal reevaluation. RADCHENKO (1997 b) listed it under synonyms of *C. aethiops*.

***Camponotus (Myrmentoma) dalmaticus* (NYLANDER, 1849)**

Formica dalmatica NYLANDER, 1849: 37.

DISTRIBUTION IN GREECE: **Ionian Is., mainland (Pe, St).**

NEW MATERIAL: **Macedonia:** Halkidiki, Kassandra, Livadakia, 3-10 m, 39°58' N/23°33' E, 26 VIII 2009, leg. LB; Halkidiki, Metamorfosi-Metangisi rd., 335 m, 40°14' N/23°36' E, 27 VIII 2009, eg. LB; Halkidiki, Holomontas, n. Taxiarchis, Paleokastro, 896 m, 40°25' N/23°30' E, 30 VIII 2009, det. LB; Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 5-6 IX 2009, leg. LB; ; Pieria distr., Pieria Mts., Fotina, 398 m, 40°13.288 N/22°18.385 E, 1 IX 2012, leg. LB; Pieria distr., Pieria Mts., Fotina-Skotina rd., 567 m, 40°13.237 N/22°17.550 E, 1 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., road to Pandeileimonas, 279 m, 39°59.350 N/22°35.707 E, 4 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., Pandeileimonas-Pori crossrd., 545 m, 39°59.113 N/22°35.085 E, 4 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., Pandeileimonas-Prof. Ilias rd., 729 m, 39°59.111 N/22°32.812 E, 4 IX 2012, leg. LB; **Thessaly:** Larissa distr., Ossa Mts., Stomio-Karitsa rd., 137 m, 39°51.466 N/22°44.822 E, 8 IX 2012, leg. LB; Larissa distr., Ossa Mts., Ag. Dimitrios Mon. n. Stomio, 162 m, 39°51.544 N/22°44.418 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Bosnia and Hercegovina; Bulgaria; Croatia; Israel; Italy: mainland; Lebanon; Macedonia; Montenegro Romania; Serbia; Slovenia; Switzerland; Syria; Turkey.

COMMENTS: Populations from southern Macedonia (Kato Olympus, Olympus and Pieria Mts.) and northern Thessaly (Ossa Mts.) are very dark with thorax completely or mostly black, at most with only pronotum reddish, while populations from northern Macedonia (Halkidiki) have thorax usually mostly to completely reddish.

***Camponotus (Myrmentoma) fallax* (NYLANDER, 1856)**

Formica fallax NYLANDER, 1856: 57.

DISTRIBUTION IN GREECE: **Aegean Is., Dodecanese, mainland (Ma, Pe).**

NEW MATERIAL: **Macedonia:** Pieria distr., Pieria Mts., Fotina-Skotina rd., 567 m, 40°13.237' N/22°17.550' E, 1 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Andorra; Austria; Belarus; Belgium; Bulgaria; Croatia; Czech Rep.; Finland; France: Corsica, mainland; Georgia; Germany; Hungary; Iran; Israel; Italy: mainland, Sardinia, Sicily; Liechtenstein; Lithuania; Luxembourg; Macedonia; Malta; Moldova; Montenegro; Morocco; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Balears, mainland; Sweden; Switzerland; Turkey; Ukraine.

COMMENTS: In the LEGAKIS' (2011) checklist noted under names *Camponotus fallax* (NYLANDER) and *C. pageti* HAMMAN & KLEMM.

***Camponotus (Tanaemyrmex) festai* EMERY, 1894**

Camponotus maculatus subsp. *festai* EMERY, 1894 b: 1.

DISTRIBUTION IN GREECE: **Aegean Is.**

GENERAL DISTRIBUTION: Israel; Lebanon; Syria; Turkey.

***Camponotus (Myrmentoma) gestroi* EMERY, 1878**

Camponotus gestroi EMERY, 1878: 44.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, Ionian Is., mainland (Ma, Pe).**

NEW MATERIAL: **Crete:** Chania distr., Kato Kefalas, 6 km N of Georgioupoli, 298 m, 35°25' N/24°15' E, 29 IV 2007, leg. L. & M.L. Borowiec; Chania distr., Sfakia, 3 km S Askifou, 750 m, 35°16' N/24°10' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Kourna Lake S of Georgioupoli, 95 m, 35°19' N/24°17' E, 3 V 2007, leg. L. & M.L. Borowiec; Chania distr., Agia, 6 km SW of Chania, 22 m, 35°28' N/23°55' E, 3 V 2011, leg. LB; Chania distr., Omalos Plateau, 1034 m, 35°20' N/23°53' E, 3 V 2011, leg. LB; Chania distr., Diktamos Gorge n. Stilos, 160 m, 35°26' N/24°06' E, 4 V 2011, leg. LB; Chania distr., Fres n. Vrises, 173 m, 35°23' N/24°09' E, 5 V 2011, leg. LB; Chania distr., Kato Daratso n. Chania, 10-25 m, 35°30' N/23°58' E, 10-15 m, 35°30' N/23°59' E, 6 V 2011, leg. LB.

GENERAL DISTRIBUTION: Algeria; Armenia; Bulgaria; Cyprus; France: Corsica; Gibraltar; Iraq; Iran; Israel; Italy: mainland, Sardinia, Sicily; Lebanon; Portugal; Serbia and Montenegro; Spain: mainland; Turkey.

COMMENTS: In LEGAKIS' (2011) checklist noted under names *Camponotus creticus* FOREL and *C. gestroi* EMERY.

***Camponotus (Camponotus) herculeanus* (LINNAEUS, 1758)**

Formica herculeana LINNAEUS, 1758: 579.

DISTRIBUTION IN GREECE: **mainland (Ma, St).**

GENERAL DISTRIBUTION: Andorra; Armenia; Austria; Belarus; Belgium; Bosnia and Herzegovina; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: mainland; Georgia; Germany; Hungary; Italy: mainland; Latvia; Liechtenstein; Lithuania; Luxembourg; Macedonia; Moldova; Montenegro; Norway; Poland; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Ukraine; Turkey.

***Camponotus (Tanaemyrmex) ionius* EMERY, 1920**

Camponotus (Myrmoturba) samius var. *ionia* EMERY, 1920: 6 (= *Camponotus maculatus samius* var. *ionia* EMERY, 1901: 59 unavailable name).

DISTRIBUTION IN GREECE: **Aegean Is., Cyclades, Dodecanese, Ionian Is., mainland (Ma, Pe, St, Th).**

NEW MATERIAL: **Macedonia:** Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 24 VIII 2009, leg. LB; Halkidiki, Kassandra, Loutra-N. Skioni rd., 3-10 m, 39°57' N/23°32' E, 26 VIII 2009, leg. LB; Halkidiki, Kassandra, Elani, 281 m, 40°03' N/23°21' E, 28 VIII 2009, leg. LB; Halkidiki, Kassandra, Siviri-Elani rd., 41 m, 40°01' N/23°25' E, 29 VIII 2009, leg. LB; Halkidiki, Kassandra, Cap Paliouri, 38 m, 39°55' N/23°42' E, 31 VIII 2009, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 322 m, 40°02.240 N/22°31.456 E, 2 IX 2012, leg. LB; **Thessaly:** Larissa distr., Ossa Mts., Sikourio-Spilia rd., 544 m, 39°46.640 N/22°36.634 E, 6 IX 2012, leg. LB; Larissa distr., Ossa Mts., Omoli-Stomio rd. loc. 1, 27 m, 39°53.374 N/22°39.750 E, 8 IX 2012, leg. LB; Larissa distr., Ossa Mts., Omoli-Stomio rd. loc. 2, 84 m, 39°52.249 N/22°41.859 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Bulgaria; Serbia; Turkey.

***Camponotus (Tanaemyrmex) jaliensis* DALLA TORRE, 1893**

Camponotus oertzeni var. *jaliensis* DALLA TORRE, 1893: 246 (= *Camponotus rubripes* r. *oertzeni* var. *jaliensis* FOREL, 1889: 264 unavailable name).

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Dodecanese, Ionian Is., mainland (Ma).**

NEW MATERIAL: **Crete:** Chania distr.: Kourna Lake, S of Georgioupoli, 95 m, 35°19' N/24°17' E, 3 V 2007, leg. L. & M.L. Borowiec; **Dodecanese:** Rhodes, Rhodes City, 16 m, 36°26' N/28°13' E, 7 VII 2008, leg. LB.

GENERAL DISTRIBUTION: Cyprus; Israel; Turkey.

***Camponotus (Myrmentoma) kiesenwetteri* (ROGER, 1859)**

Formica (Hypoclinea) kiesenwetteri ROGER, 1859: 241.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, Ionian Is., mainland (Pe, St).**

NEW MATERIAL: **Crete:** Chania distr., Kourna Lake, S of Georgioupoli, 95 m, 35°19' N/24°17' E, 3 V 2007, L. & M.L. Borowiec; Chania distr., S of Georgioupoli, 30 m, 35°21' N/24°15' E, 26 IV 2007, 4 V 2007, leg. L. & M.L. Borowiec; Chania distr., Sfakia, Askifou, 730 m, 35°16' N/24°10' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Khora Sfakion, 6 m, 35°12' N/24°08' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Koutsomatados-Mili rd., 308 m, 35°23' N/23°40' E, 2 V 2011, leg. LB; Chania distr., Potamida n. Mythimna, 35-40 m, 35°28' N/23°41' E, 2 V 2011, leg. LB; **Crete:** Chania distr., Fres n. Vrises, 173 m, 35°23' N/24°09' E, 5 V 2011, leg. LB; Chania distr., Kato Daratso n. Chania, 20-25 m, 35°30' N/23°58' E, 7 V 2011, urban area, leg. LB; **Dodecanese:** Rhodes, Epta Piges W of Kolymbia, 92 m, 36°15' N/28°06' E, 4 VII 2008, leg. LB; Rhodes, Laerma-Apollona rd., 116 m, 36°11' N/27°57' E, 6 VII 2008, leg. LB; **Macedonia:** Halkidiki, Metamorfosi-Metangisi rd., 335 m, 40°14' N/23°36' E, 27 VIII 2009, leg. LB; Halkidiki, Kassandra, Elani, 281 m, 40°03' N/23°21' E, 28 VIII 2009, leg. LB; Macedonia: Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 5-6 IX 2009, leg. LB.

GENERAL DISTRIBUTION: Cyprus; Turkey.

***Camponotus (Tanaemyrmex) laconicus* EMERY, 1920**

Camponotus (Myrmoturba) samius var. *laconicus* EMERY, 1920: 6 (= *Camponotus maculatus samius* var. *laconica* EMERY, 1908 a: 192 unavailable name).

DISTRIBUTION IN GREECE: **Aegean Is., mainland (Pe, St).**

GENERAL DISTRIBUTION: Endemic to Greece.

***Camponotus (Myrmentoma) lateralis* (OLIVIER 1792)**

Formica lateralis OLIVIER, 1792: 497.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, Ionian Is., mainland (Ep, Ma, Pe, St, Th).**

NEW MATERIAL: **Crete:** Chania distr., S of Georgioupoli, 30 m, 35°21' N/24°15' E, 4 V 2007, leg. L. & M.L. Borowiec; Chania distr., Agia, 6 km SW of Chania, 22 m, 35°28' N/23°55' E, 3 V 2011, leg. LB; **Dodecanese:** Rhodes, Agios Nektarios, E of Archipoli, 82 m, 36°15' N/28°04' E, 4 VII 2008, leg. LB; Rhodes, Epta Piges W of Kolymbia, 92 m, 36°15' N/28°06' E, 4 VII 2008, leg. LB; Rhodes, Apolakkia, 34 m, 36°03' N/27°47' E, 5 VII 2008, leg. LB; Rhodes, Rhodes City, 16 m, 36°26' N/28°13' E, 7 VII 2008, leg. LB; Rhodes, Dimylia, 91 m, 36°20' N/28°02' E, 9 VII 2008, leg. LB;

Rhodes, Petaloudes, 192 m, 36°20' N/28°03' E, 9 VII 2008, leg. LB; Rhodes, Emponas, 35 m, 36°12' N/27°49' E, 10 VII 2008, leg. LB; Rhodes, Prasonisi-Kattavia rd., 29 m, 35°56' N/27°46' E, 11 VII 2008, leg. LB; **Macedonia**: Halkidiki, Kassandra, Loutra, 22 m, 39°55' N/23°35' E, 26 VIII 2009, leg. LB; Halkidiki, Kassandra, Livadakia, 3-10 m, 39°58' N/23°33' E, 26 VIII 2009, leg. LB; Halkidiki, Kassandra, Kassandrino-Polichoro rd., 594 m, 40°24' N/23°31' E, 29 VIII 2009, leg. LB; Halkidiki, Holomontas, n. Arnea, 703 m, 40°28' N/23°34' E, 1 IX 2009, leg. LB; Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 5-6 IX 2009, leg. LB; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 328 m, 40°06.639 N/22°29.623 E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 281 m, 40°06.268 N/22°29.876 E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 322 m, 40°06.271 N/22°29.571 E, 31 VIII 2012, leg. LB; Pieria distr., Kato Olympus Mts., Pandeimonas, 467 m, 39°59.457 N/22°34.415 E, 4 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., Pandeimonas-Pori crossrd., 545 m, 39°59.113 N/22°35.085 E, 4 IX 2012, leg. LB; Pieria distr., Platamonas Castle, 40°00.347 N/22°35.880 E, 106 m, 4 IX 2012, leg. LB; **Thessaly**: Larissa distr., Ossa Mts., Sikourio-Spilia rd., 544 m, 39°46.640 N/22°36.634 E, 6 IX 2012, leg. LB; Larissa distr., Ossa Mts., Omoli-Stomio rd. loc. 1, 27 m, 39°53.374 N/22°39.750 E, 8 IX 2012, leg. LB; Larissa distr., Ossa Mts., Stomio-Karitsa rd., 137 m, 39°51.466 N/22°44.822 E, 8 IX 2012, leg. LB; Larissa distr., Ossa Mts., Ag. Dimitrios Mon. n. Stomio, 162 m, 39°51.544 N/22°44.418 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Algeria; Armenia; Bosnia and Hercegovina; Bulgaria; Croatia; Cyprus; France: Corsica; French: Corsica, mainland; Georgia; Germany; Gibraltar; Hungary; Israel; Italy: mainland, Sardinia, Sicily; Macedonia; Malta; Monaco; Montenegro; Morocco; Portugal; Romania; Russia; Serbia; Slovakia; Spain: Balears, mainland; Switzerland; Syria; Turkey; Ukraine.

COMMENTS: See comments for the species below.

Camponotus (Myrmentoma) cf. lateralis sp. 1

DISTRIBUTION IN GREECE: **New to Greece.**

NEW MATERIAL: **Crete**, Rethimnon distr., 12 km E Georgioupoli, Karoti, 110 m, 35°20' N/24°21' E, 30 IV 2007, leg. L. & M.L. Borowiec; Chania distr., 6 km S of Vrises, 280 m, 35°19' N/24°12' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Kourna Lake, S of Georgioupoli, 95 m, 35°19' N/24°17' E, 3 V 2007, leg. L. & M.L. Borowiec; Chania distr., Plemeniana n. Kandanos, 339 m, 35°19' N/23°43' E, 2 V 2011, leg. LB; Chania distr., Potamida n. Mythimna, 35-40 m, 35°28' N/23°41' E, 2 V 2011, leg. LB; **Dodecanese**: Rhodes, Kiotari, 3 m, 36°02' N/27°57' E, 2 VII 2008, leg. LB; Rhodes, Epta Piges, W of Kolymbia, 92 m, 36°15' N/28°06' E, 4 VII 2008, leg. LB; Rhodes, Rhodes City, 16 m, 36°26' N/28°13' E, 7 VII 2008, leg. LB; Rhodes, Prasonisi-Kattavia rd., 29 m, 35°56' N/27°46' E, 11 VII 2008, leg. LB; **Macedonia**: Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 25 VIII 2009, leg. LB; Halkidiki, Kassandra, Loutra, 22 m, 39°55' N/23°35' E, 31 VIII 2009, leg. LB; Pieria distr., Olympus Mts., Petra vic., 584 m, 40°10.651 N/22°19.800 E, 7 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Croatia; Cyprus; Spain: Balears, mainland; Turkey.

COMMENTS: Large amount of material of *Camponotus lateralis* group from the Mediterranean Subregion shows that at least three different species under the name “*lateralis*” occur: the true *C. lateralis* (we attributed to this name populations with scapi in minor workers without erect hair and in major workers with only 1-3 erect hair = *lateralis* sensu SEIFERT 2007), the second species with scapi of both minor and major workers with numerous erect hair (= *lateralis* sp. 2 sensu SEIFERT 2007, according to our material widespread in the Mediterranean Subregion), and the third species with scapi without erect setae and with extremely short and high propodeal saddle (judging from our material confined to Crete). A long list of infraspecific and synonymic names under *C. lateralis* makes the correct identification of all taxa impossible without examination of all type specimens. LEGAKIS (2011) noted this group of taxa under names *Camponotus lateralis* (OLIVIER) and *C. rhodius* EMERY.

***Camponotus (Myrmentoma) cf. lateralis* sp. 2**

DISTRIBUTION IN GREECE: **New to Greece.**

NEW MATERIAL: **Crete:** Rethimnon distr., 12 km E Georgiupoli, Karoti, 110 m, 35°20' N/24°21' E, 30 IV 2007, leg. L. & M.L. Borowiec; Rethimnon distr., W of Georgiupoli, 20 m, 35°22' N/24°15' E, 2 V 2007, leg. L. & M.L. Borowiec; Chania distr., Therisso Gorge S of Chania, 128 m, 35°28' N/23°59' E, 360 m, 35°26' N/23°59' E, 1 V 2011, leg. LB; Chania distr., Plemeniana n. Kandanos, 339 m, 35°19' N/23°43' E, 2 V 2011, leg. LB; Chania distr., Potamida n. Mythimna, 35-40 m, 35°28' N/23°41' E, 2 V 2011, leg. LB; Chania distr., Agia, 6 km SW of Chania, 22 m, 35°28' N/23°55' E, 3 V 2011, leg. LB; Chania distr., Tzitzifes n. Vrises, 264 m, 35°21' N/24°09' E, 5 V 2011, leg. LB; Chania distr., Kato Daratso n. Chania, 10-15 m, 35°30' N/23°59' E, 6 V 2011, 20-25 m, 35°30' N/23°58' E, 7 V 2011, urban area, leg. LB.

GENERAL DISTRIBUTION: ?Endemic to Crete.

COMMENTS: See comments on the species above.

***Camponotus (Myrmentoma) libanicus* ANDRÉ, 1881**

Camponotus libanicus ANDRÉ, 1881 c: 54.

DISTRIBUTION IN GREECE: **Aegean Is., Dodecanese.**

GENERAL DISTRIBUTION: Cyprus; Iran; Israel; Lebanon; Turkey.

***Camponotus (Camponotus) ligniperdus* (LATREILLE, 1802)**

Formica ligniperda LATREILLE, 1802 a: 88.

DISTRIBUTION IN GREECE: **mainland (Ep, Ma, St).**

NEW MATERIAL: **Macedonia:** 1055 m Pieria distr., Olympus Mts., Litochoro-Olympus rd., 40°06.452 N/22°27.571 E, 30 VIII 2012, leg. LB; ; Pieria distr., Olympus Mts.,

Leptokaria-Karia rd., 803 m, 39°59.426 N/22°26.341 E, 2 IX 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 901 m, 40°01.776 N/22°29.541 E, 2 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Andorra; Austria; Belarus; Belgium; Bosnia and Hercegovina; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: Corsica, mainland; Germany; Hungary; Italy: mainland; Latvia; Liechtenstein; Lithuania; Luxembourg; Macedonia; Moldova; Montenegro; Netherlands; Norway; Poland; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Ukraine; Turkey.

***Camponotus (Tanaemyrmex) maculatus* (FABRICIUS, 1782)**

Formica maculata FABRICIUS, 1782: 491.

DISTRIBUTION IN GREECE: **Dodecanese**

GENERAL DISTRIBUTION: Egypt; Iran; Oman; Tunisia; Turkey; Yemen - Africa south of Sahara.

COMMENTS: In our opinion the record of *C. maculatus* from Dodecanese needs confirmation because of a great synonymical chaos in the *C. compressus-maculatus-sanctus* complex.

***Camponotus (Tanaemyrmex) oertzeni* FOREL, 1889**

Camponotus rubripes f. *oertzeni* FOREL, 1889: 263.

DISTRIBUTION IN GREECE: **Aegean Is., Dodecanese, Ionian Is., mainland (Ep).**

NEW MATERIAL: **Macedonia:** Halkidiki, Metamorfofi-Metangisi rd., 335 m, 40°14' N/23°36' E, 27 VIII 2009, leg. LB; Halkidiki, Holomontas, Vrastama-Taxiarhis rd., 626 m, 40°23' N/23°31' E, 30 VIII 2009, leg. LB; Halkidiki, Kassandra, Loutra, 22 m, 39°55' N/23°35' E, 31 VIII 2009, leg. LB; Halkidiki, Kassandra, Cap Paliouri, 38 m, 39°55' N/23°42' E, 31 VIII 2009, leg. LB.

GENERAL DISTRIBUTION: Iran; Serbia; Turkey.

COMMENTS: In LEGAKIS' (2011) checklist noted under names *Camponotus kappariensis* DALLA TORRE, *C. oertzeni* FOREL and *C. pericles* FOREL.

***Camponotus (Myrmentoma) piceus* (LEACH, 1825)**

Formica picea LEACH, 1825: 292.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, Ionian Is., mainland (Ep, Ma, Pe, St, Th).**

NEW MATERIAL: **Crete:** Chania distr., Omalos Plateau, 1034 m, 35°20' N/23°53' E, 3 V 2011, leg. LB; **Macedonia:** Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 25 VIII 2009, leg. LB; Halkidiki, Holomontas, n. Taxiarchis, 594 m, 40°24' N/23°31'

E, 30 VIII 2009, leg. LB; Halkidiki, Kassandra, Loutra, 22 m, 39°55' N/23°35' E, 31 VIII 2009, leg. LB; Halkidiki, Holomontas, n. Arnea, 514 m, 40°30' N/23°33' E, 1 IX 2009, leg. LB; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 887 m, 40°06.787 N/22°28.145 E, 30 VIII 2012, leg. LB; Pieria distr., Pieria Mts., Fotina, 398 m, 40°13.288 N/22°18.385 E, 1 IX 2012, leg. LB; Pieria distr., Pieria Mts., 2.3 km N of Elatochori, 748 m, 40°20.393 N/22°15.413 E, 3 IX 2012, leg. LB; Pieria distr., Pieria Mts., 4.5 km N of Elatochori, 762 m, 40°21.569 N/22°15.532 E, 3 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., road to Pandeimonas, 279 m, 39°59.350 N/22°35.707 E, 4 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., Pandeimonas-Pori crossrd., 545 m, 39°59.113 N/22°35.085 E, 4 IX 2012, leg. LB; Pieria distr., Platamonas Castle, 40°00.347 N/22°35.880 E, 106 m, 4 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 1, 249 m, 40°12.753 N/22°19.072 E, 7 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 2, 386 m, 40°12.031 N/22°19.010 E, 7 IX 2012, leg. LB; ; Pieria distr., Olympus Mts., Petra vic., 584 m, 40°10.651 N/22°19.800 E, 7 IX 2012, leg. LB; **Thessaly**: Larissa distr., Ossa Mts., Spilia vic., 822 m, 39°48.029 N/22°38.952 E, 6 IX 2012, leg. LB; Larissa distr., Ossa Mts., Omoli-Stomio rd. loc. 1, 27 m, 39°53.374 N/22°39.750 E, 8 IX 2012, leg. LB; Larissa distr., Ossa Mts., Ag. Dimitrios Mon. n. Stomio, 162 m, 39°51.544 N/22°44.418 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Andorra; Armenia; Austria; Belgium; Bosnia and Hercegovina; Bulgaria; Croatia; Czech rep.; France: Corsica; Georgia; Hungary; Iran; Italy: mainland, Sardinia, Sicily; Lebanon; Macedonia; Malta; Montenegro; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Balears, mainland; Switzerland; Turkey; Ukraine.

COMMENTS: In LEGAKIS' (2011) checklist recorded under names *Camponotus nitidescens* FOREL and *C. piceus* (LEACH). SEIFERT (2007) noted that populations of *C. piceus* from Balkan Peninsula represent in fact two species clearly distinguishable by biometric characters. The problem needs further studies based on long nest series from the entire distribution range of *C. piceus*.

***Camponotus (Tanaemyrmex) samius* FOREL, 1889**

Camponotus rubripes f. *samius* FOREL, 1889: 262.

DISTRIBUTION IN GREECE: **Aegean Is., Cyclades, Dodecanese, mainland (Ma, Pe, St).**

NEW MATERIAL: **Macedonia**: Halkidiki, Metamorfosi-Metangisi rd., 335 m, 40°14' N/23°36' E, 27 VIII 2009, leg. LB; Halkidiki, Metamorfosi vic., 117 m, 40°14' N/23°36' E, 2 IX 2009, leg. LB.

GENERAL DISTRIBUTION: Bulgaria; Cyprus; Italy: Sicily; Serbia; Turkey.

***Camponotus (Tanaemyrmex) sanctus* FOREL, 1904**

Camponotus maculatus f. *sanctus* FOREL, 1904: 18.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Dodecanese, Ionian Is.**

NEW MATERIAL: **Dodecanese**: Rhodes, Kiotari-Asklipto rd., 59 m, 36°03' N/27°56' E, 2 VII 2008, leg. LB.

GENERAL DISTRIBUTION: Bulgaria; Cyprus; Iran; Israel; Lebanon; Syria; Turkey.

COMMENTS: LEGAKIS (2011) recorded *Camponotus variegatus* (SMITH) from the Dodecanese, an Oriental species. This was possibly due to misidentification of *C. sanctus*.

***Camponotus (Tanaemyrmex) sannini* TOHMÉ & TOHMÉ, 2000**

Camponotus sannini TOHMÉ & TOHMÉ, 2000: 477.

DISTRIBUTION IN GREECE: **New to Greece.**

NEW MATERIAL: **Macedonia**: Halkidiki, Holomontas, n. Arnea, 514 m, 40°30' N/23°33' E, 1 IX 2009, leg. LB.

GENERAL DISTRIBUTION: Israel; Lebanon; Syria.

COMMENTS: Greek specimens agree well with the original description of *C. sannini* with general habitus similar to *C. aethiops* but sides of head and thorax with indistinct microsculpture, shiny. Specimens from Arnea have decumbent pubescence of scapi, like the typical populations from Syria and Lebanon, in contrast to some populations from Lebanon noted by IONESCU-HIRSCH (2010) with slightly raised pubescence of scapi.

***Camponotus (Tanaemyrmex) sylvaticus* (OLIVIER 1792)**

Formica sylvatica OLIVIER 1792: 491.

DISTRIBUTION IN GREECE: **Crete, Dodecanese, mainland (Pe).**

GENERAL DISTRIBUTION: ?Bulgaria; Egypt; France: Corsica, mainland; Georgia; Gibraltar; Italy: mainland; Luxembourg; Portugal; Spain: Canary Is., mainland; ?Turkey - Oriental.

COMMENTS: Occurrence of this species in Greece needs confirmation due to synonymical chaos within the group. It is a mostly western Mediterranean species and its distribution in the eastern part of the Mediterranean Subregion is doubtful.

***Camponotus (Tanaemyrmex) thales* FOREL, 1910**

Camponotus maculatus subsp. *thales* FOREL, 1910 b: 453.

DISTRIBUTION IN GREECE: **Crete.**

GENERAL DISTRIBUTION: Saudi Arabia - Afrotropical.

COMMENTS: Occurrence of this species on Crete needs confirmation, as its previously known distribution did not extend beyond Saudi Arabia.

***Camponotus (Colobopsis) truncatus* (SPINOLA, 1808)**

Formica truncata SPINOLA, 1808: 244.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Ionian Is., mainland (Ma, St, Th).**

NEW MATERIAL: **Crete:** Chania distr., Therisso Gorge S of Chania, 128 m, 35°28' N/23°59' E, 1 V 2011, leg. LB; Chania distr., Plemeniana n. Kandanos, 339 m, 35°19' N/23°43' E, 2 V 2011, leg. LB; **Macedonia:** Halkidiki, Kassandra, Elani, 281 m, 40°03' N/23°21' E, 28 VIII 2009, leg. LB; Halkidiki, Kassandra, Kassandrino-Polichrono rd., 594 m, 40°24' N/23°31' E, 29 VIII 2009, leg. LB; Halkidiki, Holomontas, Stagira, 539 m, 40°31' N/23°44' E, 3 IX 2009, leg. LB; Pieria distr., Paralia Katerini, 5 m, 40°15.842 N/22°35.774 E, 28-29 VIII 2012, leg. LB; Pieria distr., Aliko, 1-3 m, 40°22.580 N/22°37.935 E, 29 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 322 m, 40°02.240 N/22°31.456 E, 2 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., road to Pandeileimonas, 279 m, 39°59.350 N/22°35.707 E, 4 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., Pandeileimonas, 467 m, 39°59.457 N/22°34.415 E, 4 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., Pandeileimonas-Pori crossrd., 545 m, 39°59.113 N/22°35.085 E, 4 IX 2012, leg. LB; Pieria distr., Platamonas Castle, 40°00.347 N/22°35.880 E, 106 m, 4 IX 2012, leg. LB; **Thessaly:** Larissa distr., Ossa Mts., Stomio-Karitsa rd., 137 m, 39°51.466 N/22°44.822 E, 8 IX 2012, leg. LB; Larissa distr., Ossa Mts., Ag. Dimitrios Mon. n. Stomio, 162 m, 39°51.544 N/22°44.418 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Algeria; Armenia; Austria; Bosnia and Hercegovina; Bulgaria; Croatia; Cyprus; Czech Rep.; France: Corsica, mainland; Georgia; Germany; Hungary; Israel; Italy: mainland, Sardinia, Sicily; Jordan; Macedonia; Madeira; Malta; Moldova; Montenegro; Morocco; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Balears, mainland; Switzerland; Turkey; Ukraine.

***Camponotus (Camponotus) vagus* (SCOPOLI, 1763)**

Formica vaga SCOPOLI, 1763: 312.

DISTRIBUTION IN GREECE: **Aegean Is., Ionian Is., mainland (Ep, Ma, Pe, St).**

NEW MATERIAL: **Macedonia:** Halkidiki, Holomontas, n. Arnea, 773-808 m, 40°28' N/23°33' E, 1 IX 2009, leg. LB; Halkidiki, Metamorfofi vic., 117 m, 40°14' N/23°36' E, 2 IX 2009, leg. LB; Halkidiki, Holomontas, Stagira, 539 m, 40°31' N/23°44' E, 3 IX 2009, leg. LB; Halkidiki, Holomontas, Stagira-Neochori rd., 512 m, 40°31' N/23°42' E, 3 IX 2009, leg. LB; Pieria distr., Pieria Mts., Fotina-Skotina rd., 567 m, 40°13.237 N/22°17.550 E, 1 IX 2012, leg. LB; Macedonia: Pieria distr., Olympus Mts., Leptokaria-Karia rd., 901 m, 40°01.776 N/22°29.541 E, 2 IX 2012, leg. LB; Pieria distr., Pieria Mts., 2.3 km N of Elatochori, 748 m, 40°20.393 N/22°15.413 E, 3 IX 2012, leg. LB; Pieria distr., Pieria Mts., 4.5 km N of Elatochori, 762 m, 40°21.569 N/22°15.532 E, 3 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., Pandeileimonas, 467 m, 39°59.457 N/22°34.415 E, 4 IX 2012, leg. LB; Pieria distr., Platamonas Castle, 40°00.347 N/22°35.880 E, 106 m, 4 IX 2012, leg. LB; Pieria distr., Pieria Mts., Vria-Ritini rd., 388 m, 40°17.085 N/22°18.337 E, 5 IX 2012, leg. LB; **Stereia Ellas:** Iti Mts., Fthiotida, 2 km W Iti, 836 m, 38°44' N/22°23' E, 20-21 IV 2010, leg. J. Kalisiak;

Thessaly: Larissa distr., Ossa Mts., Spilia vic., 822 m, 39°48.029' N/22°38.952' E, 6 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Algeria; Andorra; Austria; Belarus; Belgium; Bosnia and Hercegovina; Bulgaria; Croatia; Czech Rep.; Finland; France: Corsica, mainland; Georgia; Germany; Hungary; Italy: mainland, Sardinia, Sicily; Latvia; Liechtenstein; Lithuania; Luxembourg; Macedonia; Moldova; Montenegro; Morocco; Netherlands; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Balears, mainland; Sweden; Switexerland; Ukraine; Turkey.

***Cardiocondyla bulgarica* FOREL, 1892**

Cardiocondyla elegans var. *bulgarica* FOREL, 1892: 312.

DISTRIBUTION IN GREECE: **Dodecanese, mainland (Ma).**

NEW MATERIAL: **Dodecanese:** Rhodes, Epta Piges W of Kolymbia, 92 m, 36°15' N/28°06' E, 4 VII 2008, leg. LB; Rhodes, Gennadi, 8 m, 36°02' N/27°56' E, 12 VII 2008, leg. LB; **Macedonia:** Halkidiki, Kassandra, Elani, 281 m, 40°03' N/23°21' E, 28 VIII 2009, leg. LB; Halkidiki, Kassandra, Fourka-Kassandrino rd., 69 m, 40°01' N/23°25' E, 29 VIII 2009, leg. LB; Halkidiki, Sithona, Parthenonas, 305 m, 40°07' N/23°36' E, 2 IX 2009, leg. LB.

GENERAL DISTRIBUTION: Bulgaria; Macedonia; Turkey.

COMMENTS: In LEGAKIS' (2011) checklist noted under names *Cardiocondyla bulgarica* and *C. eleonora* FOREL.

***Cardiocondyla elegans* EMERY, 1869**

Cardiocondyla elegans EMERY, 1869 a: 21.

DISTRIBUTION IN GREECE: **Crete, Dodecanese, Ionian Is., mainland (Ma, Pe, St).**

NEW MATERIAL: **Macedonia:** Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 25 VIII 2009, leg. LB; Halkidiki, Agios Mamas salines, 4 m, 40°13' N/23°20' E, 4 IX 2009, leg. LB.

GENERAL DISTRIBUTION: Armenia; Bulgaria; Cyprus; Egypt; France: mainland; Georgia; Hungary; Iran; Israel; Italy: mainland; Libya; Macedonia; Montenegro; Serbia; Spain; Turkey.

COMMENTS: In LEGAKIS' (2011) checklist noted under names *Cardiocondyla elegans* and *C. santschii* FOREL.

***Cardiocondyla mauritanica* FOREL, 1890**

Cardiocondyla nuda var. *mauritanica* FOREL, 1890: 75.

DISTRIBUTION IN GREECE: **Crete, Cyclades.**

NEW MATERIAL: **Crete**: Chania Chania distr., Kato Daratso n. Chania, 20-25 m, 35°30' N/23°58' E, 30 IV 2011, leg. LB; **Dodecanese**: Rhodes, Kiotari, Hotel Ekaterini, 3 m, 36°02' N/27°56' E, 1 VII 2008, leg. LB.

GENERAL DISTRIBUTION: Abu Dhabi; Cyprus; Egypt; Iraq; Iran; Israel; Italy: mainland, Sardinia, Sicily; Jordan; Libya; Malta; Morocco; Oman; Portugal; Spain: Canary Is., mainland; Tunisia; Turkey; Ukraine; United Arab Emirates; Yemen - Cosmopolitan.

***Cardiocondyla nigra* FOREL, 1905**

Cardiocondyla batesii var. *nigra* FOREL, 1905: 174.

DISTRIBUTION IN GREECE: **Crete**.

GENERAL DISTRIBUTION: Algeria; Bulgaria; Cyprus; Egypt; Israel; Macedonia; Morocco; Portugal; Tunisia; Turkey.

***Cardiocondyla stambuloffii* FOREL, 1892**

Cardiocondyla stambuloffii FOREL, 1892 c: 310.

DISTRIBUTION IN GREECE: **mainland (Pe)**.

GENERAL DISTRIBUTION: Armenia; Bulgaria; Georgia; Iran; Moldova; Romania; Russia (Caucasus); Serbia; Turkey; Ukraine.

***Carebara oertzeni* FOREL, 1886**

Oligomyrmex oertzeni FOREL, 1886 b: clxv.

DISTRIBUTION IN GREECE: **mainland (Pe)**.

GENERAL DISTRIBUTION: Turkey.

***Cataglyphis aenescens* (NYLANDER, 1849)**

Formica aenescens NYLANDER, 1849: 37.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, mainland (Pe, St)**.

NEW MATERIAL: **Crete**: Chania distr., Omalos Plateau-Prases rd., 945 m, 35°20' N/23°51' E, 3 V 2011, leg. LB; **Macedonia**: Halkidiki, Metangisi-Ag. Nikolaos rd., 120 m, 40°17' N/23°40' E, 27 VIII 2009, leg. LB; Halkidiki, Holomontas, n. Taxiarchis, 594 m, 40°24' N/23°31' E, 30 VIII 2009, leg. LB; Halkidiki, Agios Mamas salines, 4 m, 40°13' N/23°20' E, 4 IX 2009, leg. LB.

GENERAL DISTRIBUTION: Albania; Armenia; Bosnia and Hercegovina; Bulgaria; Croatia; Cyprus; Georgia; Hungary; Iran; Italy: mainland; Macedonia; Moldova; Romania; Russia; Serbia; Slovakia; Turkey; Ukraine.

***Cataglyphis albicans* (ROGER, 1859)**

Formica albicans ROGER, 1859: 235.

DISTRIBUTION IN GREECE: **Crete, Dodecanese.**

GENERAL DISTRIBUTION: Algeria; Armenia; Egypt; Cyprus; Iran; Iraq; Israel; Libya; Morocco; Saudi Arabia; Tunisia; Turkey; Yemen.

***Cataglyphis bicolora* (FABRICIUS, 1793)**

Formica bicolor FABRICIUS, 1793: 351.

DISTRIBUTION IN GREECE: **Dodecanese.**

GENERAL DISTRIBUTION: Algeria; Egypt; Israel; Libya; Morocco; Spain: Canary Is.; Syria; Tunisia; Turkey.

COMMENTS: In LEGAKIS' (2011) checklist noted under names *Cataglyphis bicolora* (FABRICIUS) and *C. rufiventris* (FOREL). Occurrence of this species in the Dodecanese needs confirmation due to the general distribution.

***Cataglyphis cursor* (FONSCOLOMBE, 1846)**

Formica cursor FONSCOLOMBE, 1846: 41.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, mainland (Pe, St).**

GENERAL DISTRIBUTION: France: Corsica, mainland; Gibraltar; Italy: mainland, Sardinia, Sicily; Malta; Portugal; Spain: Balears, mainland.

COMMENTS: In LEGAKIS' (2011) checklist noted under names *Cataglyphis cretica* EMERY, *C. cursor* (FONSCOLOMBE) and *C. dorica* SANTSCHI. Occurrence of this species in Greece needs confirmation due to the past misinterpretation of species in the *aenes-cens-cursor* complex.

***Cataglyphis hellenica* (FOREL, 1886)**

Myrmecocystus cursor var. *hellenicus* FOREL, 1886 a: 204.

DISTRIBUTION IN GREECE: **Crete, mainland (Pe).**

GENERAL DISTRIBUTION: Serbia.

***Cataglyphis noda* (BRULLÉ, 1833)**

Formica nodus BRULLÉ, 1833: 326.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Dodecanese, Ionian is., mainland (Ep, Ma, Pe, St, Th).**

NEW MATERIAL: **Dodecanese**: Rhodes, Kiotari, Hotel Ekaterini, 3 m, 36°02' N/27°56' E, 1 VII 2008, leg. LB; Rhodes, Epta Piges W of Kolymbia, 92 m, 36°15' N/28°06' E, 4 VII 2008, leg. LB; Rhodes, Laerma-Apollona rd., 116 m, 36°11' N/27°57' E, 6 VII 2008, leg. LB; **Macedonia**: Halkidiki, Kassandra, Loutra-N. Skioni rd., 3-10 m, 39°57' N/23°32' E, 26 VIII 2009, leg. LB; Halkidiki, Kassandra, Livadakia, 3-10 m, 39°58' N/23°33' E, 26 VIII 2009, leg. LB; Halkidiki, Metamorfofi-Metangisi rd., 335 m, 40°14' N/23°36' E, 27 VIII 2009, leg. LB; Halkidiki, Sithona, Parthenonas, 305 m, 40°07' N/23°36' E, 2 IX 2009, leg. LB; Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 5-6 IX 2009, leg. LB; Pieria distr., Aliko, 1-3 m, 40°22.580 N/22°37.935 E, 29 VIII 2012, leg. LB; Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 322 m, 40°06.271 N/22°29.571 E, 31 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Lep-tokaria-Karia rd., 322 m, 40°02.240 N/22°31.456 E, 2 IX 2012, leg. LB; Pieria distr., Pieria Mts., 2.3 km N of Elatochori, 748 m, 40°20.393 N/22°15.413 E, 3 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., Pandeileimonas-Pori crossrd., 545 m, 39°59.113 N/22°35.085 E, 4 IX 2012, leg. LB; Pieria distr., Platamonas Castle, 40°00.347 N/22°35.880 E, 106 m, 4 IX 2012, leg. LB; Pieria distr., Pieria Mts., Vria-Ritini rd., 388 m, 40°17.085 N/22°18.337 E, 5 IX 2012, leg. LB; Pieria distr., Pieria Mts., Alia-komonas Lake n. Sfikia, 88 m, 40°24.869 N/22°11.709 E, 5 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 1, 249 m, 40°12.753 N/22°19.072 E, 7 IX 2012, leg. LB; Pieria distr., Olympus Mts., Petra vic., 584 m, 40°10.651 N/22°19.800 E, 7 IX 2012, leg. LB; **Thessaly**: Larissa distr., Ossa Mts., Omoli-Stomio rd. loc. 1, 27 m, 39°53.374 N/22°39.750 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Armenia; Bosnia and Hercegovina; Bulgaria; Croatia; Cyprus; Egypt; Georgia; Hungary; Iran; Iraq; Macedonia; Montenegro; Romania; Slovakia; Serbia; Syria; Turkey; United Arab Emirates.

COMMENTS: In LEGAKIS' (2011) checklist noted under names *Cataglyphis helladica* SANTSCHI and *C. nodus* (BRULLÉ).

Cataglyphis viaticoides (ANDRÉ, 1881)

Myrmecocystus albicans var. *viaticoides* ANDRÉ, 1881 c: 57.

DISTRIBUTION IN GREECE: **Aegean Is.**

GENERAL DISTRIBUTION: Armenia; Israel; Lebanon; Turkey; United Arab Emirates.

Cataglyphis viatica (FABRICIUS, 1787)

Formica viatica FABRICIUS, 1787: 308.

DISTRIBUTION IN GREECE: **recorded generally from Greece.**

GENERAL DISTRIBUTION: Algeria; Bulgaria; Egypt; Georgia; Morocco; Oman; Saudi Arabia; Serbia; Spain: mainland; Tunisia; ?Turkey.

COMMENTS: Occurrence of this species in Greece needs confirmation due to the past misinterpretation of species in the *viatica* complex.

***Chalepoxenus muellerianus* (FINZI, 1922)**

Leptothorax (*Temnothorax*) *muellerianus* FINZI, 1922.

DISTRIBUTION IN GREECE: **Crete, mainland (Ma, Pe, St, Th).**

NEW MATERIAL: **Macedonia:** Halkidiki, Metamorfosi-Metangisi rd., 335 m, 40°14' N/23°36' E, 27 VIII 2009, leg. LB.

GENERAL DISTRIBUTION: Bulgaria; Croatia; Cyprus; France: mainland; Germany; Italy: mainland; Sicily; Portugal; Serbia; Slovenia; Spain: mainland; Switzerland; Turkey.

***Crematogaster auberti* EMERY, 1869**

Crematogaster auberti EMERY, 1869 a: 23.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Dodecanese.**

GENERAL DISTRIBUTION: Algeria; Bulgaria; Egypt; France: Corsica, mainland; Gibraltar; Iran; Israel; Libya; Macedonia; Malta; Montenegro; Morocco; Portugal; Saudi Arabia; Spain: Balears, Canary Is., mainland; Turkey.

***Crematogaster ionia* FOREL, 1911**

Crematogaster scutellaris var. *ionia* FOREL, 1911 a: 340.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, Ionian Is., mainland (Ep, Ma, Pe, St, Th).**

NEW MATERIAL: **Crete:** Rethimnon distr., 12 km E Georgioupoli, Karoti, 110 m, 35°20' N/24°21' E, 30 IV 2007, leg. L. & M.L. Borowiec; Chania distr., Khora Sfakion, 6 m, 35°12' N/24°08' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., S of Georgioupoli, 30 m, 35°21' N/24°15' E, 4 V 2007, L. & M.L. Borowiec; Chania distr., Therisso Gorge S of Chania, 128 m, 35°28' N/23°59' E, 1 V 2011, leg. LB; Chania distr., Plemeniana n. Kandanos, 339 m, 35°19' N/23°43' E, 2 V 2011, leg. LB; Chania distr., Potamida n. Mythimna, 35-40 m, 35°28' N/23°41' E, 2 V 2011, leg. LB; Chania distr., Agia, 6 km SW of Chania, 22 m, 35°28' N/23°55' E, 3 V 2011, leg. LB; Chania distr., Diktamos Gorge n. Stilos, 160 m, 35°26' N/24°06' E, 4 V 2011, leg. LB; Chania distr., Tzitzifes n. Vrises, 264 m, 35°21' N/24°09' E, 5 V 2011, leg. LB; Chania, Fres n. Vrises, 173 m, 35°23' N/24°09' E, 5 V 2011, leg. LB; Chania distr., Kato Daratso n. Chania, 10-15 m, 35°30' N/23°59' E, 6 V 2011, leg. LB; **Dodecanese:** Rhodes, Kiotari, 3 m, 36°02' N/27°57' E, 2 VII 2008, leg. LB; Rhodes, Kattavia, 39 m, 35°57' N/27°46' E, 5 VII 2008, leg. LB; Rhodes, Petaloudes, 192 m, 36°20' N/28°03' E, 9 VII 2008, leg. LB; **Macedonia:** Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 24-25 VIII 2009, leg. LB; Halkidiki, Kassandra, Loutra-N. Skioni rd., 3-10 m, 39°57' N/23°32' E, 26 VIII 2009, leg. LB; Halkidiki, Kassandra, Livadakia, 3-10 m, 39°58' N/23°33' E, 26 VIII 2009, , leg. LB; Halkidiki, Metamorfosi-Metangisi rd., 335 m, 40°14' N/23°36' E, 27 VIII 2009, leg. LB; Halkidiki, Kassandra, Elani, 281 m, 40°03' N/23°21' E, 28

VIII 2009, leg. LB; Halkidiki, Kassandra, Polihrono vic., 153 m, 40°00' N/23°29' E, 29 VIII 2009, leg. LB; Halkidiki, Holomontas, n. Taxiarchis, 594 m, 40°24' N/23°31' E, 30 VIII 2009, leg. LB; Halkidiki, Sithona, Parthenonas, 305 m, 40°07' N/23°36' E, 2 IX 2009, leg. LB; Pieria distr., Aliko, 1-3 m, 40°22.580 N/22°37.935 E, 29 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 887 m, 40°06.787 N/22°28.145 E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 322 m, 40°02.240 N/22°31.456 E, 2 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., road to Pandeileimonas, 279 m, 39°59.350 N/22°35.707 E, 4 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 2, 386 m, 40°12.031 N/22°19.010 E, 7 IX 2012, leg. LB; **Stereia Ellas**: Evritania, Fthiotida, 3 km W of Timfristos, 908 m, 38°55' N/21°55' E, 19 IV 2010, leg. J. Kalisiak.

GENERAL DISTRIBUTION: Croatia; Israel; Macedonia; Montenegro; Serbia; Turkey.

COMMENTS: This taxon needs a revision based on molecular and morphological studies of populations from the entire distribution area. We attributed all specimens with pronotum with distinct keel, pronotal sculpture of longitudinal rugae reaching to anterior margin of pronotum, long propodeal spines, and the whole body brown or reddish-brown with thorax not or only indistinctly paler coloured than abdomen to *Crematogaster ionia*.

Crematogaster jehovae FOREL, 1907

Crematogaster auberti ssp. *jehovae* FOREL, 1907: 207.

DISTRIBUTION IN GREECE: **New to Greece.**

NEW MATERIAL: **Macedonia**: Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 2, 386 m, 40°12.031 N/22°19.010 E, 7 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Cyprus; Egypt; Iraq; Israel; Montenegro; Serbia; Turkey; United Arab Emirates; Yemen.

Crematogaster lorteti FOREL, 1910

Crematogaster lorteti FOREL, 1910 b: 435.

DISTRIBUTION IN GREECE: **Aegean Is., mainland (St).**

GENERAL DISTRIBUTION: Israel; Serbia; Syria; Turkey.

COMMENTS: In LEGAKIS' (2011) checklist noted under names *Crematogaster hellenica* FOREL and *C. lorteti* FOREL.

Crematogaster schmidtii (MAYR, 1853)

Acrocoelia schmidtii MAYR, 1853 b: 149.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Ionian Is., mainland (Ma, Pe, St).**

NEW MATERIAL: **Dodecanese**: Rhodes, Kiotari, 3 m, 36°02' N/27°57' E, 2 VII 2008, leg. LB; Rhodes, Kattavia, 39 m, 35°57' N/27°46' E, 5 VII 2008, leg. LB; **Macedonia**: Halkidiki, Holomontas, n. Arnea, 703 m, 40°28' N/23°34' E, 1 IX 2009, leg. LB; Halkidiki, Holomontas, Stagira, 539 m, 40°31' N/23°44' E, 3 IX 2009, leg. LB; Halkidiki, Holomontas, Stagira-Neochori rd., 512 m, 40°31' N/23°42' E, 3 IX 2009, leg. LB; Pieria distr., Paralia Katerini, 5 m, 40°15.842' N/22°35.774' E, 28-29 VIII 2012, leg. LB; Pieria distr., Aliki, 1-3 m, 40°22.580' N/22°37.935' E, 29 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 887 m, 40°06.787' N/22°28.145' E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 328 m, 40°06.639' N/22°29.623' E, 30 VIII 2012, leg. LB; Pieria distr., Pieria Mts., 2.3 km N of Elatochori, 748 m, 40°20.393' N/22°15.413' E, 3 IX 2012, leg. LB; Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 322 m, 40°06.271' N/22°29.571' E, 31 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 322 m, 40°02.240' N/22°31.456' E, 2 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., road to Pandeimonas, 279 m, 39°59.350' N/22°35.707' E, 4 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., Pandeimonas-Pori crossrd., 545 m, 39°59.113' N/22°35.085' E, 4 IX 2012, leg. LB; Pieria distr., Pieria Mts., Aliakomonas Lake n. Sfikia, 88 m, 40°24.869' N/22°11.709' E, 5 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 1, 249 m, 40°12.753' N/22°19.072' E, 7 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 2, 386 m, 40°12.031' N/22°19.010' E, 7 IX 2012, leg. LB; Pieria distr., Olympus Mts., Petra vic., 584 m, 40°10.651' N/22°19.800' E, 7 IX 2012, leg. LB; Larissa distr., Ossa Mts., Stomio-Karitsa rd., 137 m, 39°51.466' N/22°44.822' E, 8 IX 2012, leg. LB; **Thessaly**: Larissa distr., Ossa Mts., Ag. Dimitrios Mon. n. Stomio, 162 m, 39°51.544' N/22°44.418' E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Armenia; Austria; Bosnia and Hercegovina; Bulgaria; Croatia; Georgia; Hungary; Iran; Italy: mainland; Macedonia; Montenegro; Romania; Serbia; Slovenia; Turkey; Ukraine.

COMMENTS: Probably most records of *Crematogaster scutellaris* (OLIVIER) from Greece concern *C. schmidtii* (MAYR). This taxon needs a revision based on molecular studies. We observed two morphological forms: one with pronotal sculpture with longitudinal rugae in the basal part and regularly transverse rugae in the anterior part, the other form with pronotal sculpture with longitudinal rugae in the basal part but reticulate rugae in the anterior part.

Crematogaster scutellaris (OLIVIER, 1792)

Formica scutellaris OLIVIER, 1792: 497.

DISTRIBUTION IN GREECE: **Crete, Ionian Is., mainland (Pe, St, Th).**

GENERAL DISTRIBUTION: Algeria; Austria; Bosnia and Hercegovina; Bulgaria; Croatia; France: Corsica, mainland; Georgia; Germany; Gibraltar; Hungary; Israel; Italy: Sardinia, Sicily, mainland; Libya; Malta; Morocco; Netherlands; Portugal; Spain: Balears, mainland; Switzerland; Tunisia; Turkey.

COMMENTS: Records from Thessaly, Sterea Ellas, Peloponnese, and Crete need confirmation because the taxon has been confused with *C. schmidtii*. New records suggest

that the true *C. scutellaris* is a rather western mediterranean species with easternmost range of distribution in Croatia and extreme north-west of Greece.

***Crematogaster sordidula* (NYLANDER, 1849)**

Myrmica sordidula NYLANDER, 1849: 44.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, Ionian Is., mainland (Pe, St, Th, Tr).**

NEW MATERIAL: **Crete:** Chania distr., Sfakia, 3 km S Askifou, 750 m, 35°16' N/24°10' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Kato Daratso n. Chania, 20-25 m, 35°30' N/23°58' E, 30 IV 2011, leg. LB; Chania distr., Fres n. Vrises, 173 m, 35°23' N/24°09' E, 5 V 2011, leg. LB; **Macedonia:** Halkidiki, Metamorfofi vic., 117 m, 40°14' N/23°36' E, 2 IX 2009, leg. LB; Halkidiki, Kassandra, Sani Forest, 96 m, 40°05' N/23°20' E, 4 IX 2009, leg. LB; Pieria distr., Olympus Mts., Petra vic., 584 m, 40°10.651 N/22°19.800 E, 7 IX 2012, leg. LB; **Thessaly:** Larissa distr., Ossa Mts., Evangelismos-Elatia rd., 117 m, 39°49.072 N/22°31.979 E, 6 IX 2012, leg. LB; Larissa distr., Ossa Mts., Omoli-Stomio rd. loc. 1, 27 m, 39°53.374 N/22°39.750 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Algeria; Bosnia and Hercegovina; Bulgaria; Croatia; Cyprus; France: mainland; Georgia; Germany; Gibraltar; Hungary; Israel; Italy: mainland, Sicily; Macedonia; Montenegro; Morocco; Portugal; Romania; Russia; Serbia; Slovenia; Spain: Balears, mainland; Switzerland; Turkey.

COMMENTS: In LEGAKIS' (2011) checklist noted under names *Crematogaster flachii* FOREL, *C. mayri* FOREL and *C. sordidula* (NYLANDER).

***Cryptopone ochracea* (MAYR, 1855)**

Ponera ochracea MAYR, 1855: 3905.

DISTRIBUTION IN GREECE: **Dodecanese, mainland (Pe).**

GENERAL DISTRIBUTION: Bulgaria; Croatia; France: Corsica, mainland; Georgia; Hungary; Israel; Italy: mainland, Sardinia, Sicily; Portugal; Romania; Saudi Arabia; Serbia; Spain: Balears, mainland; Switzerland; Turkey; Ukraine.

***Dolichoderus quadripunctatus* (LINNAEUS, 1771)**

Formica quadripunctata LINNAEUS, 1771: 541.

DISTRIBUTION IN GREECE: **Aegean Is., Ionian Is., mainland (Ep, Ma, Pe).**

NEW MATERIAL: **Macedonia:** Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 25 VIII 2009, leg. LB; Halkidiki, Kassandra, Elani, 281 m, 40°03' N/23°21' E, 28 VIII 2009, leg. LB; Halkidiki, Kassandra, Kassandrino-Polichrono rd., 594 m, 40°24' N/23°31' E, 29 VIII 2009, leg. LB; Halkidiki, Holomontas, Stagira, 539 m, 40°31'

N/23°44' E, 3 IX 2009, leg. LB; Pieria distr., Aliko, 1-3 m, 40°22.580 N/22°37.935 E, 29 VIII 2012, leg. LB; Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 322 m, 40°06.271 N/22°29.571 E, 31 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Lepotokaria-Karia rd., 322 m, 40°02.240 N/22°31.456 E, 2 IX 2012, leg. LB; Pieria distr., Pieria Mts., 2.3 km N of Elatochori, 748 m, 40°20.393 N/22°15.413 E, 3 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., road to Pandeimonas, 279 m, 39°59.350 N/22°35.707 E, 4 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., Pandeimonas-Pori crossrd., 545 m, 39°59.113 N/22°35.085 E, 4 IX 2012, leg. LB; **Thessaly**: Larissa distr., Ossa Mts., Ag. Dimitrios Mon. n. Stomio, 162 m, 39°51.544 N/22°44.418 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Andorra; Armenia; Austria; Belarus; Belgium; Bosnia and Herzegovina; Bulgaria; Croatia; Czech Rep.; Denmark; Egypt; France: Corsica, mainland; Georgia; Germany; Gibraltar; Hungary; Iran; Italy: mainland, Sardinia, Sicily; Liechtenstein; Lithuania; Luxembourg; Macedonia; Moldova; Monaco; Montenegro; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Switzerland; Turkey; Ukraine.

***Formica (Coptoformica) bruni* KUTTER, 1967**

Formica (Coptoformica) bruni KUTTER, 1967: 229.

DISTRIBUTION IN GREECE: **New to Greece.**

NEW MATERIAL: **Macedonia**: Imathia distr., Vermio Mt., 1 km SW of Kato Vermio, 1485 m, 40°33' N/22°01' E, 27 IV 2010, leg. J. Kalisiak

GENERAL DISTRIBUTION: Austria; France: mainland; Germany; Serbia and Montenegro; Spain: mainland; Sweden; Switzerland.

***Formica (Serviformica) cinerea* MAYR, 1853**

Formica cinerea MAYR, 1853 c: 281.

DISTRIBUTION IN GREECE: **mainland (Ep, Ma, Th).**

GENERAL DISTRIBUTION: Armenia; Austria; Belarus; Bosnia and Herzegovina; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: Corsica, mainland; Georgia; Germany; Hungary; Italy: mainland; Latvia; Lithuania; Luxembourg; Macedonia; Moldova; Montenegro; Norway; Poland; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

COMMENTS: in LEGAKIS' (2011) checklist noted under names *Formica balcanina* Petrov & COLLINGWOOD and *F. cinerea* MAYR, although the species status of *F. balcanina* is still controversial.

***Formica (Serviformica) clara* FOREL, 1886**

Formica rufibarbis var. *clara* FOREL, 1886 a: 206.

DISTRIBUTION IN GREECE: **mainland (Ma, Pe).**

NEW MATERIAL: **Macedonia:** Halkidiki, Kassandra, Elani, 281 m, 40°03' N/23°21' E, 28 VIII 2009, leg. LB; Halkidiki, Agios Mamas salines, 4 m, 40°13' N/23°20' E, 4 IX 2009, leg. LB; Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 5-6 IX 2009, leg. LB; Pieria distr., Paralia Katerini, 5 m, 40°15.842 N/22°35.774 E, 28-29 VIII 2012, leg. LB; Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 281 m, 40°06.268 N/22°29.876 E, 30 VIII 2012, leg. LB; Pieria distr., Pieria Mts., Skotina, 649 m, 40°12.006 N/22°13.938 E, 1 IX 2012, leg. LB; Pieria distr., Olympus Mts., Petra vic., 584 m, 40°10.651 N/22°19.800 E, 7 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Austria; Azerbaijan; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Croatia; Cyprus; Czech Rep.; Denmark; Finland; France: mainland; Georgia; Germany; Hungary; Iran; Israel; Italy: Sardinia; Montenegro; Netherlands; Poland; Romania; Slovakia; Slovenia; Switzerland; Syria; Turkey.

***Formica (Serviformica) cunicularia* LATREILLE, 1798**

Formica cunicularia LATREILLE, 1798: 40.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, mainland (Ep, Ms, St).**

NEW MATERIAL: **Macedonia:** Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 24 VIII 2009, 5-6 IX 2009, leg. LB; Halkidiki, Kassandra, Elani, 281 m, 40°03' N/23°21' E, 28 VIII 2009, leg. LB; Halkidiki, Holomontas, n. Taxiarchis, 594 m, 40°24' N/23°31' E, 30 VIII 2009, leg. LB; Halkidiki, Holomontas, n. Arnea, 514 m, 40°30' N/23°33' E, 703 m, 40°28' N/23°34' E, 773-808 m, 40°30' N/23°33' E, 1 IX 2009, leg. LB; Halkidiki, Agios Mamas salines, 4 m, 40°13' N/23°20' E, 4 IX 2009, leg. LB; Pieria distr., Paralia Katerini, 5 m, 40°15.842 N/22°35.774 E, 28-29 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 887 m, 40°06.787 N/22°28.145 E, 30 VIII 2012, leg. LB; Pieria distr., Pieria Mts., Fotina, 398 m, 40°13.288 N/22°18.385 E, 1 IX 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 803 m, 39°59.426 N/22°26.341 E, 2 IX 2012, leg. LB; Pieria distr., Pieria Mts., 2.3 km N of Elatochori, 748 m, 40°20.393 N/22°15.413 E, 3 IX 2012, leg. LB; Pieria distr., Pieria Mts., 4.5 km N of Elatochori, 762 m, 40°21.569 N/22°15.532 E, 3 IX 2012, leg. LB; Pieria distr., Pieria Mts., Vria-Ritini rd., 388 m, 40°17.085 N/22°18.337 E, 5 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Algeria; Andorra; Armenia; Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Channel Is.; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: Corsica, mainland; Georgia; Germany; Hungary; Iran; Italy: mainland, Sardinia, Sicily; Latvia; Lithuania; Luxembourg; Macedonia; Moldova; Montenegro; Morocco; Netherlands; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

***Formica (Coptoformica) exsecta* NYLANDER, 1846**

Formica exsecta NYLANDER, 1846 a: 909.

DISTRIBUTION IN GREECE: **mainland (Ma).**

GENERAL DISTRIBUTION: Albania; Armenia; Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Czech Rep.; Denmark; Estonia; Finland; France: mainland; Germany; France: mainland; Hungary; Italy: mainland; Latvia; Liechtenstein; Lithuania; Luxembourg; Macedonia; Moldova; Montenegro; Netherlands; Norway; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

***Formica (Serviformica) fusca* LINNAEUS, 1758**

Formica fusca LINNAEUS, 1758: 580.

DISTRIBUTION IN GREECE: **Ionian Is., mainland (Ep, Ma, Pe).**

NEW MATERIAL: **Macedonia:** Halkidiki, Holomontas, n. Taxiarchis, Paleokastro, 896 m, 40°25' N/23°30' E, 30 VIII 2009, leg. LB; ; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 1055 m, 40°06.452 N/22°27.571 E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 1152 m, 40°06.230 N/22°26.230 E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 887 m, 40°06.787 N/22°28.145 E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 803 m, 39°59.426 N/22°26.341 E, 2 IX 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 901 m, 40°01.776 N/22°29.541 E, 2 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Algeria; Armenia; Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Channel Is.; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: Corsica, mainland; Georgia; Germany; Hungary; Ireland; Italy: mainland, Sardinia; Latvia; Lithuania; Luxembourg; Macedonia; Malta; Moldova; Montenegro; Morocco; Netherlands; Norway; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

***Formica (Serviformica) gagates* LATREILLE, 1798**

Formica gagates LATREILLE, 1798: 36.

DISTRIBUTION IN GREECE: **Aegean Is., mainland (Ep, Ma, St).**

NEW MATERIAL: **Macedonia:** Halkidiki, Holomontas, Stagira, 539 m, 40°31' N/23°44' E, 3 IX 2009, leg. LB; Pieria distr., Pieria Mts., Fotina-Skotina rd., 567 m, 40°13.237 N/22°17.550 E, 1 IX 2012, leg. LB; Pieria distr., Olympus Mts., Petra vic., 584 m, 40°10.651 N/22°19.800 E, 7 IX 2012, leg. LB; **Thessaly:** Larissa distr., Ossa Mts., Stomio-Karitsa rd., 137 m, 39°51.466 N/22°44.822 E, 8 IX 2012, leg. LB; Larissa distr., Ossa Mts., Ag. Dimitrios Mon. n. Stomio, 162 m, 39°51.544 N/22°44.418 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Austria; Bosnia and Hercegovina; Bulgaria; Croatia; Czech Rep.; France: mainland; Germany; Hungary; Italy: mainland; Macedonia; Moldova; Montenegro; Poland; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Switzerland; Turkey; Ukraine.

***Formica (Serviformica) lemani* BONDROIT, 1917**

Formica lemani BONDROIT, 1917: 186.

DISTRIBUTION IN GREECE: **mainland (Ma).**

GENERAL DISTRIBUTION: Albania; Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Croatia; Czech Rep.; Denmark; Finland; France: Corsica; Georgia; Germany; Ireland; Italy: mainland; Macedonia; Montenegro; North Ireland; Norway; Poland; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

***Formica (Formica) lugubris* ZETTERSTEDT, 1838**

Formica (Formica) lugubris ZETTERSTEDT, 1838: 449.

DISTRIBUTION IN GREECE: **mainland (Ep).**

GENERAL DISTRIBUTION: Albania; Andorra; Austria; Belarus; Bosnia and Hercegovina; Britain; Bulgaria; Croatia; Czech Rep.; Estonia; Finland; France: mainland; Germany; Ireland; Italy: mainland, Sardinia, Sicily; Latvia; Norway; Poland; Romania; Russia; Serbia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

***Formica (Serviformica) picea* NYLANDER, 1846**

Formica picea NYLANDER, 1846 a: 917.

DISTRIBUTION IN GREECE: **mainland (Ma).**

GENERAL DISTRIBUTION: Albania; Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Czech Rep.; Denmark; Estonia; Finland; France: mainland; Georgia; Germany; Italy: mainland; Latvia; Lithuania; Luxembourg; Netherlands; Norway; Poland; Romania; Russia; Serbia; Spain: mainland; Sweden; Switzerland; Ukraine.

***Formica (Formica) polyclena* FÖRSTER, 1850**

Formica polyclena FÖRSTER, 1850 a: 15.

DISTRIBUTION IN GREECE: **recorded generally from Greece.**

GENERAL DISTRIBUTION: Andorra; Austria; Belarus; Belgium; Bosnia and Hercegovina; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: mainland; Germany; Hungary; Italy: mainland; Latvia; Lithuania; Luxembourg; Moldova; Montenegro; Netherlands; Norway; Poland; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Ukraine.

***Formica (Formica) pratensis* RETZIUS, 1783**

Formica pratensis RETZIUS, 1783: 75.

DISTRIBUTION IN GREECE: **mainland (Ma).**

GENERAL DISTRIBUTION: Albania; Andorra; Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Channel Is.; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: mainland; Georgia; Germany; Hungary; Italy: mainland; Latvia; Lithuania; Luxembourg; Macedonia; Moldova; Montenegro; Netherlands; Norway; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

***Formica (Formica) rufa* LINNAEUS, 1761**

Formica rufa LINNAEUS, 1761: 426.

DISTRIBUTION IN GREECE: **mainland (Ma, Tr).**

GENERAL DISTRIBUTION: Albania; Andorra; Armenia; Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: mainland; Georgia; Germany; Hungary; Italy: mainland; Latvia; Lithuania; Luxembourg; Macedonia; Malta; Moldova; Montenegro; Netherlands; Norway; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

***Formica (Serviformica) rufibarbis* FABRICIUS, 1793**

Formica rufibarbis FABRICIUS, 1793: 355.

DISTRIBUTION IN GREECE: **Aegean Is., Cyclades, mainland (Ep, Ma, Pe, St, Th).**

NEW MATERIAL: **Macedonia:** Pella Pref., Voras Mts., 19 km NW of Edessa, 1642 m, 40°54' N/22°01' E, 28 IV 2010, leg. J. Kalisiak; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 901 m, 40°01.776 N/22°29.541 E, 2 IX 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 803 m, 39°59.426 N/22°26.341 E, 2 IX 2012, leg. LB; **Thessaly:** Larissa distr., Ossa Mts., Spilia vic., 822 m, 39°48.029 N/22°38.952 E, 6 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Andorra; Armenia; Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: Corsica, mainland; Georgia; Germany; Hungary; Iran; Italy: mainland, Sardinia; Latvia; Lebanon; Lithuania; Luxembourg; Macedonia; Moldova; Montenegro; Morocco; Netherlands; Norway; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Balears, mainland; Sweden; Switzerland; Turkey; Ukraine.

***Formica (Raptiformica) sanguinea* LATREILLE, 1798**

Formica sanguinea LATREILLE, 1798: 37.

DISTRIBUTION IN GREECE: **recorded generally from Greece.**

NEW MATERIAL: **Macedonia**: Pieria distr., Pieria Mts., Fotina-Skotina rd., 567 m, 40°13.237' N/22°17.550' E, 1 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Andorra; Armenia; Austria; Belarus; Belgium; Bosnia and Herzegovina; Britain; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: Corsica, mainland; Georgia; Germany; Gibraltar; Hungary; Iran; Italy: mainland, Sicily; Latvia; Lithuania; Luxembourg; Macedonia; Moldova; Montenegro; Netherlands; Norway; Poland; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Balears, Canary Is.; Sweden; Switzerland; Turkey; Ukraine - Palearctic.

***Formicoxenus nitidulus* (NYLANDER, 1846)**

Myrmica nitidula NYLANDER, 1846 b: 1058.

DISTRIBUTION IN GREECE: **recorded generally from Greece.**

GENERAL DISTRIBUTION: Austria; Belarus; Belgium; Britain; Bulgaria; Croatia; Czech Rep.; Estonia; Finland; France: mainland; Germany; Hungary; Italy: mainland; Latvia; Lithuania; Luxembourg; Netherlands; Moldova; Norway; Poland; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

***Hypoponera eduardi* (FOREL, 1894)**

Ponera eduardi FOREL, 1894: 15.

DISTRIBUTION IN GREECE: **Aegean Is., Dodecanese, Ionian Is.; mainland (Pe).**

NEW MATERIAL: **Crete**: Chania distr., Koutsomatados-Mili rd., 308 m, 35°23' N/23°40' E, 2 V 2011, leg. LB; **Macedonia**: Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 5-6 IX 2009, leg. LB.

GENERAL DISTRIBUTION: Algeria; Azores; Bosnia and Herzegovina; Bulgaria; Croatia; France: Corsica, mainland; Georgia; Gibraltar; Israel; Italy: Sardinia, Sicily, mainland; Macedonia; Malta; Montenegro; Morocco; Portugal; Saudi Arabia; Serbia; Spain: Balears, Canary Is., mainland; Switzerland; Turkey; Ukraine; United Arab Emirates; Yemen - Cosmopolitan.

***Hypoponera punctatissima* (ROGER, 1859)**

Ponera punctatissima ROGER, 1859: 246.

DISTRIBUTION IN GREECE: **Aegean Is., Ionian Is., mainland (Ep, Ma, St, Th).**

GENERAL DISTRIBUTION: Armenia; Austria; Azores; Belgium; Britain; Bulgaria; Czech Rep.; Denmark; Egypt; Finland; France: mainland; Germany; Hungary; Ireland; Israel; Italy: mainland, Sardinia; Libya; Luxembourg; Madeira; Malta; Morocco; Netherlands; Norway; Oman; Portugal; Romania; Saudi Arabia; Serbia; Slovakia; Spain: Balears, Canary Is., mainland; Sweden; Switzerland; Turkey; Ukraine; United Arab Emirates; Yemen - Cosmopolitan.

Lasius (Lasius) alienus* (FÖRSTER 1850)Formica aliena* FÖRSTER 1850: 36.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, mainland (Ep, Ma, Pe, St, Th).**

NEW MATERIAL: **Macedonia:** Halkidiki, Metamorfofi-Metangisi rd., 335 m, 40°14' N/23°36' E, 27 VIII 2009, leg. LB; Halkidiki, Holomontas, n. Taxiarchis, Paleokastro, 896 m, 40°25' N/23°30' E, 30 VIII 2009, leg. LB; Halkidiki, Holomontas, Vrastama-Taxiarchis rd., 626 m, 40°23' N/23°31' E, 30 VIII 2009, leg. LB; Halkidiki, Holomontas, n. Arnea, 703 m, 40°28' N/23°34' E, 773-808 m, 40°28' N/23°33' E, 1 IX 2009, leg. LB; Pieria distr., Paralia Katerini, 5 m, 40°15.842 N/22°35.774 E, 28-29 VIII 2012, leg. LB; Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 322 m, 40°06.271 N/22°29.571 E, 31 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 2, 386 m, 40°12.031 N/22°19.010 E, 7 IX 2012, leg. LB; Pieria distr., Olympus Mts., Petra vic., 584 m, 40°10.651 N/22°19.800 E, 7 IX 2012, leg. LB; **Thessaly:** Larissa distr., Ossa Mts., Spilia vic., 822 m, 39°48.029 N/22°38.952 E, 6 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Algeria; Armenia; Austria; Belarus; Belgium; Bosnia and Herzegovina; Britain; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: mainland; Georgia; Germany; Hungary; Iran; Ireland; ?Israel; Italy: mainland; Latvia; Lithuania; Luxembourg; Macedonia; Moldova; Montenegro; Netherlands; Norway; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

Lasius (Chthonolasius) bicornis* (FÖRSTER, 1850)Formica bicornis* FÖRSTER, 1850: 41.

DISTRIBUTION IN GREECE: **mainland (Ma, Pe, St).**

GENERAL DISTRIBUTION: Algeria; Armenia; Austria; Belgium; Bulgaria; Croatia; Czech Rep.; France: Corsica, mainland; Georgia; Germany; Hungary; Italy: mainland, Sardinia; Luxembourg; Netherlands; Poland; Romania; Russia; Serbia; Slovakia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

Lasius (Lasius) brunneus* (LATREILLE, 1798)Formica brunnea* LATREILLE, 1798: 41.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Ionian Is., mainland (Ma, St, Th).**

NEW MATERIAL: **Macedonia:** Halkidiki, Holomontas, n. Arnea, 773-808 m, 40°28' N/23°33' E, 1 IX 2009, leg. LB; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 1055 m, 40°06.452 N/22°27.571 E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 901 m, 40°01.776 N/22°29.541 E, 2 IX 2012, leg. LB; **Thessaly:** Larissa distr., Ossa Mts., Omoli-Stomio rd. loc. 1, 27 m, 39°53.374 N/22°39.750 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Armenia; Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: mainland; Georgia; Germany; Hungary; Iran; Israel; Italy: mainland, Sardinia, Sicily; Latvia; Lithuania; Luxembourg; Macedonia; Moldova; Montenegro; Netherlands; Norway; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

COMMENTS: Records from Aegean Is. and Crete need confirmation because in the past *Lasius lasioides* was often misidentified with *L. brunneus*. Our material suggests that only *L. lasioides* occurs on Crete.

***Lasius (Austrolasius) carniolicus* MAYR, 1861**

Lasius carniolicus MAYR, 1861: 51.

DISTRIBUTION IN GREECE: **mainland (Pe)**.

GENERAL DISTRIBUTION: Austria; Bosnia and Hercegovina; Bulgaria; Croatia; Estonia; France: mainland; Germany; Hungary; Italy: mainland, Sardinia; Macedonia; Netherlands; Norway; Poland; Russia; Serbia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

***Lasius (Chthonolasius) citrinus* EMERY, 1922**

Formica affinis SCHENCK, 1852: 62 not LEACH 1825: 290; *Lasius bicornis* var. *citrina* EMERY, 1922: 12.

DISTRIBUTION IN GREECE: **mainland (Th)**.

NEW MATERIAL: **Macedonia**: Pieria distr., Pieria Mts., Fotina-Skotina rd., 567 m, 40°13.237' N/22°17.550' E, 1 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Austria; Belarus; Belgium; Bulgaria; Czech Rep.; France: mainland; Georgia; Germany; Hungary; Italy: mainland, Sardinia; Montenegro; Netherlands; Poland; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Switzerland; Ukraine.

***Lasius (Chthonolasius) distinguendus* (EMERY, 1916)**

Formicina umbrata subsp. *distinguenda* EMERY, 1916 b: 64.

DISTRIBUTION IN GREECE: **mainland (Ma, Tr)**.

NEW MATERIAL: **Macedonia**: Halkidiki, Holomontas, n. Taxiarchis, Paleokastro, 896 m, 40°25' N/23°30' E, 30 VIII 2009, leg. LB.

GENERAL DISTRIBUTION: Armenia; Austria; Belarus; Belgium; Bosnia and Hercegovina; Bulgaria; Croatia; Czech Rep.; France: mainland; Georgia; Germany; Hungary; Italy: mainland; Macedonia; Moldova; Montenegro; Netherlands; Poland; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Switzerland; Turkey; Ukraine.

***Lasius (Lasius) emarginatus* (OLIVIER, 1792)**

Formica emarginata OLIVIER, 1792: 494.

DISTRIBUTION IN GREECE: **Dodecanese, Ionian Is., mainland (Ep, Ma, Pe, St).**

NEW MATERIAL: **Macedonia:** Halkidiki, Holomontas, n. Arnea, 703 m, 40°28' N/23°34' E, 1 IX 2009, leg. LB; Halkidiki, Sithona, Parthenonas, 305 m, 40°07' N/23°36' E, 2 IX 2009, leg. LB; Halkidiki, Holomontas, Stagira, 539 m, 40°31' N/23°44' E, 3 IX 2009, leg. LB; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 1055 m, 40°06.452 N/22°27.571 E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 1152 m, 40°06.230 N/22°26.230 E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 887 m, 40°06.787 N/22°28.145 E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 322 m, 40°06.271 N/22°29.571 E, 31 VIII 2012, leg. LB; Pieria distr., Pieria Mts., Fotina-Skotina rd., 567 m, 40°13.237 N/22°17.550 E, 1 IX 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 803 m, 39°59.426 N/22°26.341 E, 2 IX 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 906 m, 40°00.887 N/22°28.133 E, 2 IX 2012, leg. LB; Pieria distr., Pieria Mts., 2.3 km N of Elatochori, 748 m, 40°20.393 N/22°15.413 E, 3 IX 2012, leg. LB; Pieria distr., Pieria Mts., 4.5 km N of Elatochori, 762 m, 40°21.569 N/22°15.532 E, 3 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., road to Pandeileimonas, 279 m, 39°59.350 N/22°35.707 E, 4 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 1, 249 m, 40°12.753 N/22°19.072 E, 7 IX 2012, leg. LB; **Thessaly:** Larissa distr., Ossa Mts., Omoli-Stomio rd. loc. 1, 27 m, 39°53.374 N/22°39.750 E, 8 IX 2012, leg. LB; Larissa distr., Ossa Mts., Omoli-Stomio rd. loc. 2, 84 m, 39°52.249 N/22°41.859 E, 8 IX 2012, leg. LB; Larissa distr., Ossa Mts., Ag. Dimitrios Mon. n. Stomio, 162 m, 39°51.544 N/22°44.418 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Andorra; Armenia; Austria; Belgium; Bosnia and Hercegovina; Bulgaria; Croatia; Czech Rep.; France: Corsica, mainland; Georgia; Germany; Gibraltar; Hungary; Iran; Israel; Italy: mainland, Sardinia, Sicily; Luxembourg; Macedonia; Malta; Moldova; Monaco; Montenegro; Netherlands; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Balears, Canary Is., mainland; Switzerland; Turkey; Ukraine.

***Lasius (Cautolasius) flavus* (FABRICIUS, 1782)**

Formica flava FABRICIUS, 1782: 491.

DISTRIBUTION IN GREECE: **Aegean Is., Ionian Is., mainland (Ep, Ma, Pe, St, Th).**

NEW MATERIAL: **Macedonia:** Pieria distr., Olympus Mts., Leptokaria-Karia rd., 803 m, 39°59.426 N/22°26.341 E, 2 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Algeria; Armenia; Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Channel Is.; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: mainland; Georgia; Germany; Hungary; Iran; Ireland; Italy:

mainland, Sardinia, Sicily; Latvia; Lithuania; Luxembourg; Macedonia; Moldova; Montenegro; Morocco; Netherlands; Norway; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Balears, mainland; Sweden; Switzerland; Turkey; Ukraine.

***Lasius (Dendrolasius) fuliginosus* (LATREILLE, 1798)**

Formica fuliginosa LATREILLE, 1798: 36.

DISTRIBUTION IN GREECE: **mainland (Ma).**

NEW MATERIAL: **Macedonia:** Halkidiki, Holomontas, n. Arnea, 514 m, 40°30' N/23°33' E, 773-808 m, 40°28' N/23°33' E, 1 IX 2009, leg. LB; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 1055 m, 40°06.452 N/22°27.571 E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 803 m, 39°59.426 N/22°26.341 E, 2 IX 2012, leg. LB; Pieria distr., Platamonas Castle, 40°00.347 N/22°35.880 E, 106 m, 4 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Armenia; Austria; Belarus; Belgium; Bosnia and Herzegovina; Britain; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: mainland; Georgia; Germany; Hungary; Ireland; Italy: mainland, Sicily; Latvia; Lithuania; Luxembourg; Macedonia; Moldova; Montenegro; Netherlands; Norway; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine - Palearctic.

***Lasius (Chthonolasius) jensi* SEIFERT, 1982**

Lasius (Chthonolasius) jensi SEIFERT, 1982: 85.

DISTRIBUTION IN GREECE: **new to Greece.**

NEW MATERIAL: **Macedonia:** Halkidiki, Holomontas, n. Taxiarchis, 594 m, 40°24' N/23°31' E, 30 VIII 2009, leg. LB.

GENERAL DISTRIBUTION: Armenia; Austria; Belgium; Bulgaria; Czech Rep.; Germany; Hungary; Montenegro; Netherlands; Poland; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Switzerland; Ukraine.

***Lasius (Lasius) karpinisi* SEIFERT, 1992**

Lasius (Lasius) karpinisi SEIFERT, 1992: 23.

DISTRIBUTION IN GREECE: **mainland (St).**

GENERAL DISTRIBUTION: endemic to Greece.

***Lasius (Lasius) lasioides* (EMERY, 1869)**

Prenolepis lasioides EMERY, 1869 a: 6.

DISTRIBUTION IN GREECE: **Crete**.

NEW MATERIAL: **Crete**: Chania distr., Sfakia, Askifou, 730 m, 35°16' N/24°10' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Kourna Lake S of Georgioupoli, 95 m, 35°19' N/24°17' E, 3 V 2007, leg. L. & M.L. Borowiec; Chania distr., Koutsomatados-Mili rd., 308 m, 35°23' N/23°40' E, 2 V 2011, leg. LB; Chania distr., Plemeniana n. Kandanos, 339 m, 35°19' N/23°43' E, 2 V 2011, leg. LB; Chania distr., Agia, 6 km SW of Chania, 22 m, 35°28' N/23°55' E, 3 V 2011, leg. LB; **Dodecanese**: Rhodes, Kiotari, 3 m, 36°02' N/27°57' E, 2 VII 2008, leg. LB; Rhodes, Epta Piges W of Kolymbia, 92 m, 36°15' N/28°06' E, 4 VII 2008, leg. LB; Rhodes, Prasonisi-Kattavia rd., 29 m, 35°56' N/27°46' E, 11 VII 2008, leg. LB.

GENERAL DISTRIBUTION: Albania; Algeria; Croatia; Egypt; France: mainland; Georgia; Iran; Israel; Italy: mainland, Sardinia, Sicily; Macedonia; Malta; Montenegro; Morocco; Portugal; Serbia; Spain: Balears, mainland; Tunisia; Turkey.

COMMENTS: This species was often confused with *L. brunneus*. Our material suggests that in dry island habitats only *L. lasioides* occurs, and *L. brunneus* is only present in the forests of northern Greece.

***Lasius (Chthonolasius) meridionalis* BONDROIT, 1920**

Formicina meridionalis BONDROIT, 1920: 143.

DISTRIBUTION IN GREECE: **mainland (Ma)**.

GENERAL DISTRIBUTION: Austria; Belgium; Britain; Bulgaria; Czech Rep.; Denmark; Finland; France: mainland; Germany; Hungary; Italy: mainland; Netherlands; Norway; Poland; Portugal; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

***Lasius (Chthonolasius) mixtus* (NYLANDER, 1846)**

Formica mixta NYLANDER, 1846 b: 1050.

DISTRIBUTION IN GREECE: **Ionian Is.**

GENERAL DISTRIBUTION: Albania; Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Channel Is.; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: Corsica, mainland; Georgia; Germany; Hungary; Ireland; Italy: mainland; Latvia; Lithuania; Luxembourg; Macedonia; Moldova; Netherlands; North Ireland; Norway; Poland; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

***Lasius (Cautolasius) myops* FOREL, 1894**

Lasius flavus f. *myops* FOREL, 1894: 12.

DISTRIBUTION IN GREECE: **mainland (Ma)**.

NEW MATERIAL: **Macedonia**: Pella Pref., Voras Mts., 19 km NW of Edessa, 1642 m, 40°54' N/22°01' E, 28 IV 2010, leg. J. Kalisiak; Pieria distr., Olympus Mts., Lep-tokaria-Karia rd., 322 m, 40°02.240 N/22°31.456 E, 2 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Algeria; Austria; Belgium; Bosnia and Hercegovina; Bulgaria; Croatia; France: Corsica, mainland; Georgia; Germany; Hungary; Italy: mainland, Sicily; Macedonia; Montenegro; Morocco; Portugal; Romania; Serbia; Slovakia; Slovenia; Spain: mainland; Switzerland; Turkey.

***Lasius (Cautolasius) myrmidon* MEI, 1998**

Lasius myrmidon MEI, 1998: 177.

DISTRIBUTION IN GREECE: **mainland (St)**.

NEW MATERIAL: **Thessaly**: Larissa distr., Ossa Mts., Sikourio-Spilia rd., 544 m, 39°46.640 N/22°36.634 E, 6 IX 2012, leg. LB.

GENERAL DISTRIBUTION: endemic to Greece.

COMMENTS: This peculiar species was known from only three localities on Evia island. Our locality is the first from continental Greece.

***Lasius (Lasius) neglectus* VAN LOON, BOOMSMA & ANDRASALVY, 1990**

Lasius (Lasius) neglectus VAN LOON, BOOMSMA & ANDRASALVY, 1990: 350.

DISTRIBUTION IN GREECE: **Dodecanese, mainland (St)**.

GENERAL DISTRIBUTION: Andorra; Belgium; Bulgaria; France: mainland; Germany; Hungary; Iran; Italy: mainland; Netherlands; Poland; Portugal; Romania; Spain: mainland; Turkey.

COMMENTS: According to the recent interpretation of *Lasius neglectus* and *L. turcicus* SANTSCHI records from the Dodecanese and Central Greece probably concern *L. turcicus* and the occurrence of *L. neglectus* in Greece needs confirmation (B. SEIFERT letter information).

***Lasius (Lasius) niger* (LINNAEUS, 1758)**

Formica nigra LINNAEUS, 1758: 580.

DISTRIBUTION IN GREECE: **Crete, mainland (Ep, Ma, Pe, St, Th)**.

NEW MATERIAL: **Macedonia**: Halkidiki, Holomontas, Stagira-Neochori rd., 512 m, 40°31' N/23°42' E, 3 IX 2009, leg. LB.

GENERAL DISTRIBUTION: Albania; Algeria; Armenia; Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: Corsica, mainland; Georgia; Germany; Gibraltar; Hungary; Ireland; Italy: mainland, Sardinia; Latvia; Lithuania; Luxembourg; Macedonia; Madeira; Moldova; Monaco; Montenegro; Netherlands; North Ireland; Norway; Poland; Portugal;

Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

COMMENTS: Distribution of this species in Greece needs revision based on voucher material because according to the recent revision of *Lasius* s. str. most older data concern other species (SEIFERT 1992).

***Lasius (Chthonolasius) nitidigaster* SEIFERT, 1996**

Lasius nitidigaster SEIFERT, 1996: 185.

DISTRIBUTION IN GREECE: **new to Greece.**

NEW MATERIAL: **Thessaly:** Larissa distr., Ossa Mts., Spilia vic., 822 m, 39°48.029' N/22°38.952' E, 6 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Austria; Bulgaria; Croatia; Czech Rep.; Slovakia; Slovenia.

***Lasius (Lasius) paralienus* SEIFERT, 1992**

Lasius (Lasius) paralienus SEIFERT, 1992: 16.

DISTRIBUTION IN GREECE: **Aegean Is.**

NEW MATERIAL: **Crete:** Chania distr., W of Georgioupoli, 17 m, 35°22' N/24°15' E, 2 V 2007, leg. L. & M.L. Borowiec; Chania distr., Omalos Plateau, 1034 m, 35°20' N/23°53' E, 3 V 2011, leg. LB; **Macedonia:** Halkidiki, Holomontas, n. Arnea, 703 m, 40°28' N/23°34' E, 773-808 m, 40°28' N/23°33' E, 1 IX 2009, leg. LB; Imathia prov., Vermio Mt., 1 km SW of Kato Vermio, 1485 m, 40°33' N/22°01' E, 27 IV 2010, leg. J. Kalisiak; Pella Pref., Voras Mts., 19 km NW of Edessa, 1642 m, 40°54' N/22°01' E, 28 IV 2010, leg. J. Kalisiak; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 887 m, 40°06.787' N/22°28.145' E, 30 VIII 2012, leg. LB; Pieria distr., Pieria Mts., Fotina, 398 m, 40°13.288' N/22°18.385' E, 1 IX 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 901 m, 40°01.776' N/22°29.541' E, 2 IX 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 906 m, 40°00.887' N/22°28.133' E, 2 IX 2012, leg. LB; Pieria distr., Platamonas Castle, 40°00.347' N/22°35.880' E, 106 m, 4 IX 2012, leg. LB; Pieria distr., Pieria Mts., 1.8 km E of Rizomata, 668 m, 40°21.371' N/22°13.886' E, 5 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 1, 249 m, 40°12.753' N/22°19.072' E, 7 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 2, 386 m, 40°12.031' N/22°19.010' E, 7 IX 2012, leg. LB; **Thessaly:** Larissa distr., Ossa Mts., Spilia vic., 822 m, 39°48.029' N/22°38.952' E, 6 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Andorra; Austria; Bulgaria; Croatia; Czech Rep.; France: mainland; Germany; Hungary; Italy: mainland, Sardinia; Macedonia; Montenegro; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

COMMENTS: Most data on the occurrence of *L. niger* in Greece probably refers to this species.

***Lasius (Lasius) platythorax* SEIFERT, 1991**

Lasius (Lasius) platythorax SEIFERT, 1991: 73.

DISTRIBUTION IN GREECE: **recorded generally from Greece.**

GENERAL DISTRIBUTION: Austria; Belarus; Belgium; Britain; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: Corsica, mainland; Germany; Hungary; Iran; Ireland; Italy: mainland, Sardinia; Montenegro; Netherlands; Norway; Poland; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

COMMENTS: In Greece we collected some nests with specimens similar to *L. platythorax* but well distinguished from the typical populations from Central Europe in smaller size, very sparse erect setae on the antennal scapi, and lower number of setae on the propodeum. They are currently under thorough study. These Greek populations likely represent a new species.

***Lasius (Lasius) turcicus* SANTSCHI, 1921**

Lasius niger st. *turcica* SANTSCHI, 1921: 115.

DISTRIBUTION IN GREECE: **Dodecanese.**

NEW MATERIAL: **Crete:** Chania distr., Koutsomatados-Mili rd., 308 m, 35°23' N/23°40' E, 2 V 2011, leg. LB; Chania distr., Plemeniana n. Kandanos, 339 m, 35°19' N/23°43' E, 2 V 2011, leg. LB; Chania distr., Potamida n. Mythimna, 35-40 m, 35°28' N/23°41' E, 2 V 2011, leg. LB; Chania distr., Kato Daratso n. Chania, 20-25 m, 35°30' N/23°58' E, 7 V 2011, leg. LB; **Dodecanese:** Rhodes, Kattavia, 39 m, 35°57' N/27°46' E, 5 VII 2008, leg. LB; Rhodes, Rhodes City, 30 m, 36°26' N/28°13' E, 7 VII 2008, leg. LB; **Macedonia:** Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 24 VIII 2009, leg. LB; Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 25 VIII 2009, leg. LB; Halkidiki, Sithona, Parthenonas, 305 m, 40°07' N/23°36' E, 2 IX 2009, leg. LB.

GENERAL DISTRIBUTION: Bulgaria; Georgia; Iran; Turkey.

***Lasius (Chthonolasius) umbratus* (NYLANDER, 1846)**

Formica umbrata NYLANDER, 1846 b: 1048.

DISTRIBUTION IN GREECE: **Cyclades, Dodecanese.**

GENERAL DISTRIBUTION: Albania; Armenia; Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: Corsica, mainland; Georgia; Germany; Hungary; Ireland; Italy: mainland, Sardinia; Latvia; Lithuania; Luxembourg; Macedonia; Moldova; Montenegro; Netherlands; North Ireland; Norway; Poland; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

***Lasius (Chthonolasius) viehmeyeri* EMERY, 1922**

Lasius umbratus var. *viehmeyeri* EMERY, 1922: 13.

DISTRIBUTION IN GREECE: **mainland (Pe).**

GENERAL DISTRIBUTION: Croatia; Romania; Serbia.

***Lepisiota bipartita* (SMITH, 1861)**

Formica bipartita SMITH, 1861: 33.

DISTRIBUTION IN GREECE: **Aegean Is., mainland (Ma, Pe, St).**

GENERAL DISTRIBUTION: Iran; Israel; Lebanon; Saudi Arabia.

COMMENTS: Taxonomic status of this taxon and its occurrence in Greece need revision.

***Lepisiota caucasica* (SANTSCHI, 1917)**

Acantholepis frauenfeldi var. *caucasica* SANTSCHI, 1917 a: 43.

DISTRIBUTION IN GREECE: **Aegean Is., Ionian Is., mainland (Ma, Pe, St).**

NEW MATERIAL: **Macedonia:** Halkidiki, Sithona, Parthenonas, 305 m, 40°07' N/23°36' E, 2 IX 2009, leg. LB.

DISTRIBUTION: Armenia; Greece: Aegean Is., Ionian Is., mainland; Iran; Russia (Caucasus); Serbia; Turkey.

***Lepisiota dolabellae* (FOREL, 1911)**

Acantholepis frauenfeldi var. *dolabellae* FOREL, 1911 a: 351.

DISTRIBUTION IN GREECE: **new to Greece.**

NEW MATERIAL: **Crete:** Chania distr., Kato Daratso n. Chania, 20-25 m, 35°30' N/23°58' E, urban area, 7 V 2011, leg. LB.

GENERAL DISTRIBUTION: Iran; Israel; Saudi Arabia; Turkey.

COMMENTS: Occurrence of this species on Crete in urban area only suggests introduction.

***Lepisiota frauenfeldi* (MAYR, 1855)**

Hypoclinea frauenfeldi MAYR, 1855: 378.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, Ionian Is., mainland (Pe, St, Th).**

NEW MATERIAL: **Crete:** Chania distr., S of Georgioupoli, 30 m, 35°21' N/24°15' E, 4 V 2007, leg. L. & M.L. Borowiec; Chania distr., Therisso Gorge S of Chania, 320 m, 35°26' N/23°59' E, 1 V 2011, leg. LB; Chania distr., Koutsomatados-Mili rd., 308

m, 35°23' N/23°40' E, 2 V 2011, leg. LB; Chania distr., Potamida n. Mythimna, 35-40 m, 35°28' N/23°41' E, 2 V 2011, leg. LB; **Dodecanese**: Rhodes, Rhodes City, 16 m, 36°26' N/28°13' E, 7 VII 2008, leg. LB; Rhodes, Dimylia, 91 m, 36°20' N/28°02' E, 9 VII 2008, leg. LB.

GENERAL DISTRIBUTION: Albania; Algeria; Armenia; Azerbaijan; Bulgaria; Croatia; Cyprus; Georgia; Israel; Italy: mainland, Sicily; Lebanon; Libya; Macedonia; Malta; Morocco; Portugal; Saudi Arabia; Serbia; Spain: Balears, mainland; Syria; Tunisia; Turkey - C Asia.

***Lepisiota karawaiewi* (KUZNETSOV-UGAMSKY, 1929)**

Acantholepis frauenfeldi subsp. *karawaiewi* KUZNETSOV-UGAMSKY, 1929: 483.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Ionian Is.**

GENERAL DISTRIBUTION: Kuwait; United Arab Emirates - C Asia.

COMMENTS: Taxonomic status of this taxon, as well as many other species of the genus *Lepisiota*, needs a detailed revision.

***Lepisiota melas* (EMERY, 1915)**

Acantholepis frauenfeldi var. *melas* EMERY, 1915 b: 3.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, Ionian Is., mainland (Ma, Pe, Tr, St).**

NEW MATERIAL: **Crete**: Chania distr., Kato Daratso n. Chania, 20-25 m, 35°30' N/23°58' E, 7 V 2011, leg. LB; **Macedonia**: Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 25 VIII 2009, leg. LB; Halkidiki, Kassandra, Agia Paraskevi, 213 m, 39°57' N/23°36' E, 26 VIII 2009, leg. LB; Halkidiki, Kassandra, Livadakia, 3-10 m, 39°58' N/23°33' E, 26 VIII 2009, leg. LB; Halkidiki, Kassandra, Elani, 281 m, 40°03' N/23°21' E, 28 VIII 2009, leg. LB; Halkidiki, Kassandra, Fourka-Kassandrino rd., 69 m, 40°01' N/23°25' E, 29 VIII 2009, leg. LB; Halkidiki, Sithona, Parthenonas, 305 m, 40°07' N/23°36' E, 2 IX 2009, leg. LB; Halkidiki, Agios Mamas salines, 4 m, 40°13' N/23°20' E, 4 IX 2009, leg. LB; Thessaloniki distr., 14 km E of Thessaloniki, 230 m, 40°39' N/23°07' E, 17 IV 2010, leg. J. Kalisiak; **Thessaly**: Larissa distr., Ossa Mts., Sikourio-Spilia rd., 544 m, 39°46.640 N/22°36.634 E, 6 IX 2012, leg. LB; Larissa distr., Ossa Mts., Omoli-Stomio rd. loc. 2, 84 m, 39°52.249 N/22°41.859 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Serbia; Turkey.

COMMENTS: See comment under the species below.

***Lepisiota cf. melas* sp. 1**

DISTRIBUTION IN GREECE: **New to Greece.**

NEW MATERIAL: **Macedonia**: Pieria distr., Paralia Katerini, 5 m, 40°15.842 N/22°35.774 E, 28-29 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Litochoro-

Olympus rd., 328 m, 40°06.639 N/22°29.623 E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 322 m, 40°06.271 N/22°29.571 E, 31 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 322 m, 40°02.240 N/22°31.456 E, 2 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., Pandeimonas, 467 m, 39°59.457 N/22°34.415 E, 4 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., Pandeimonas-Prof. Ilias rd., 729 m, 39°59.111 N/22°32.812 E, 4 IX 2012, leg. LB; Pieria distr., Pieria Mts., Aliakomonas Lake n. Sfikia, 88 m, 40°24.869 N/22°11.709 E, 5 IX 2012, leg. LB; Pieria distr., Pieria Mts., 1.8 km E of Rizomata, 668 m, 40°21.371 N/22°13.886 E, 5 IX 2012, leg. LB; **Thessaly**: Larissa distr., Ossa Mts., Spilia vic., 822 m, 39°48.029 N/22°38.952 E, 6 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Greece.

COMMENTS: In our material collected in Greece there are two species with workers superficially very similar and with characters typical of *L. melas*, as given in the keys to the Mediterranean ants. We attributed widely spread species with larger and stouter gynes, thorax in the anterior part with large dark spot on a reddish background and petiolar scale broad and truncate or very shallowly emarginate at apex to the name *L. melas* (EMERY). Populations from southern Macedonia and northern Thessaly have smaller and slimmer gynes with almost uniformly reddish thorax with only indistinct darker spot on thorax and petiolar scale narrow and very deeply emarginate at the top and probably represent another species. Because the genus *Lepisiota* needs taxonomic revision and numerous infraspecific names exist under *L. melas* and *frauenfeldi* groups, we had no possibility to correct identification of these Macedonian and Thessalian populations.

Lepisiota nigra (DALLA TORRE, 1893)

Acantholepis frauenfeldi var. *nigra* DALLA TORRE, 1893: 171.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, Ionian Is., mainland (St).**

NEW MATERIAL: **Crete**: Chania, Kato Kefalas, 6 km N of Georgiupoli, 298 m, 35°25' N/24°15' E, 29 IV 2007, leg. L. & M.L. Borowiec; Chania distr., Vamos, 7 km NW of Georgiupoli, 200 m, 35°24' N/24°11' E, 29 IV 2007, leg. L. & M.L. Borowiec; Chania distr., Sfakia, Askifou, 730 m, 35°16' N/24°10' E, 1 V 2007, L. & M.L. Borowiec; Chania, Khora Sfakion, 6 m, 35°12' N/24°08' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania, Kourna Lake S of Georgiupoli, 95 m, 35°19' N/24°17' E, 3 V 2007, leg. L. & M.L. Borowiec; Chania distr., Kandalos-Floria rd., 588 m, 35°21' N/23°44' E, 2 V 2011, leg. LB; Chania, Potamida n. Mythimna, 35-40 m, 35°28' N/23°41' E, 2 V 2011, leg. LB; Chania, Omalos Plateau, 1034 m, 35°20' N/23°53' E, 3 V 2011, leg. LB; Chania distr., Tzitzifes n. Vrises, 264 m, 35°21' N/24°09' E, 5 V 2011, leg. LB; Chania, Kato Daratso n. Chania, 10-15 m, 35°30' N/23°59' E, 6 V 2011, leg. LB.

GENERAL DISTRIBUTION: Bosnia and Hercegovina; Croatia; Egypt; Italy: mainland, Sicily; Macedonia; Montenegro; Oman; Saudi Arabia; Serbia; Spain: Balears, mainland; United Arab Emirates; Yemen.

***Lepisiota semenovi* (RUZSKY, 1905)**

Acantholepis frauenfeldi var. *semenovi* RUZSKY, 1905: 461.

DISTRIBUTION IN GREECE: **Crete, Cyclades, mainland.**

GENERAL DISTRIBUTION: Iran - C Asia.

COMMENTS: Records of this species from Greece probably based on misidentifications.

***Lepisiota splendens* (KARAVAEV, 1912)**

Acantholepis frauenfeldi var. *splendens* KARAVAEV, 1912: 586.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, Ionian Is.**

GENERAL DISTRIBUTION: Bulgaria; Israel; Serbia.

***Lepisiota syriaca* (ANDRÉ, 1881)**

Acantholepis frauenfeldi var. *syriaca* ANDRÉ, 1881 b: 61.

DISTRIBUTION IN GREECE: **Crete.**

GENERAL DISTRIBUTION: Armenia; Egypt; Israel; Lebanon; Syria; Turkey.

COMMENTS: Basing on the known general distribution we doubt that the true *Lepisiota syriaca* occurs on Crete. The record from this island is probably based on misidentified specimens of *Lepisiota dolabellae*.

***Lepisiota cf. syriaca* sp. 1**

Acantholepis frauenfeldi var. *syriaca* ANDRÉ, 1881 b: 61.

DISTRIBUTION IN GREECE: **new to Greece.**

NEW MATERIAL: **Dodecanese:** Rhodes, Kiotari-Asklipio rd., 59 m, 36°03' N/27°56' E, 2 VII 2008, leg. LB; Rhodes, Epta Piges, W of Kolymbia, 92 m, 36°15' N/28°06' E, 4 VII 2008, leg. LB; Rhodes, 1 km W of Kattavia, 39 m, 35°57' N/27°44' E, 5 VII 2008, leg. LB; Rhodes, Apolakkia, 34 m, 36°03' N/27°47' E, 5 VII 2008, leg. LB; Rhodes, Rhodes City, 16 m, 36°26' N/28°13' E, 7 VII 2008, leg. LB; Rhodes, Mesanagros, 8 VII 2008, 257 m, 36°00' N/27°49' E, leg. LB; Rhodes, Prasonisi-Kattavia rd., 29 m, 35°56' N/27°46' E, 11 VII 2008, leg. LB.

GENERAL DISTRIBUTION: Armenia; Egypt; Israel; Lebanon; Syria; Turkey.

COMMENTS: Specimens from Rhodes agree well with the original description of *Lepisiota syriaca* with thorax partly brown, legs mostly brownish-black with pale tarsi, and scapi darkened apically but differ in slimmer petiolar scale. Because the genus *Lepisiota* needs a taxonomical revision and many infraspecific names exist in *L. melas* and *frauenfeldi* groups we had no possibility of correct identification of these specimens from Rhodes.

Leptanilla sp.

DISTRIBUTION IN GREECE: **Dodecanese.**

GENERAL DISTRIBUTION: At the moment 18 species of *Leptanilla* were recorded from the Mediterranean Subregion. Molecular studies of fourteen *Leptanilla* males from a single site on the island of Rhodes indicate the occurrence of three sympatric species (WARD & SUMNIGHT 2012).

Leptothorax acervorum (FABRICIUS, 1793)

Formica acervorum FABRICIUS, 1793: 358.

DISTRIBUTION IN GREECE: **recorded generally from Greece.**

GENERAL DISTRIBUTION: Andorra; Armenia; Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; France: mainland; Georgia; Germany; Hungary; Iran; Ireland; Italy: mainland; Latvia; Liechtenstein; Lithuania; Luxembourg; Moldova; Montenegro; Netherlands; North Ireland; Norway; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

Leptothorax gredleri MAYR, 1855

Leptothorax gredleri MAYR, 1855: 438.

DISTRIBUTION IN GREECE: **recorded generally from Greece.**

GENERAL DISTRIBUTION: Austria; Belgium; Croatia; Czech Rep.; Germany; Hungary; Italy: mainland; Netherlands; Poland; Serbia; Slovakia; Slovenia; Spain: mainland; Switzerland.

Leptothorax muscorum (NYLANDER, 1846)

Myrmica muscorum NYLANDER, 1846 b: 1054.

DISTRIBUTION IN GREECE: **mainland (Ma).**

GENERAL DISTRIBUTION: Armenia; Austria; Belarus; Belgium; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; France: mainland; Georgia; Germany; Hungary; Italy: mainland; Latvia; Liechtenstein; Lithuania; Luxembourg; Moldova; Montenegro; Netherlands; Norway; Poland; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

Linepithema humile (MAYR, 1868)

Hypoclinea humilis MAYR, 1868 a: 164.

DISTRIBUTION IN GREECE: **Crete, generally recorded from mainland.**

GENERAL DISTRIBUTION: Algeria; Austria; Azores; Belgium; Bulgaria; Czech Rep.; France: Corsica, mainland; Germany; Gibraltar; Ireland; Italy: mainland, Sicily; Madeira; Malta; Monaco; Morocco; Netherlands; Poland; Portugal; Serbia; Spain: Balears, Canary Is., mainland; Turkey; United Arab Emirates; Yemen - cosmopolitic.

COMMENTS: It is an invasive species in Europe and its spreading in Greece should be monitored.

***Liometopum microcephalum* (PANZER, 1798)**

Formica microcephala PANZER, 1798: 1652.

DISTRIBUTION IN GREECE: **Aegean Is., Ionian Is., mainland (Ep, Ma, Pe, St, Th).**

NEW MATERIAL: **Macedonia:** Pieria distr., Olympus Mts., Petra vic., 584 m, 40°10.651 N/22°19.800 E, 7 IX 2012, leg. LB; **Thessaly:** Larissa distr., Ossa Mts., Spilia vic., 822 m, 39°48.029 N/22°38.952 E, 6 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Austria; Bosnia and Hercegovina; Bulgaria; Croatia; Czech Rep.; France: Corsica, mainland; Georgia; Hungary; Iran; Israel; Italy: mainland, Sardinia, Sicily; Macedonia; Moldova; Montenegro; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Balears, mainland; Switzerland; Turkey; Ukraine.

***Manica rubida* (LATREILLE, 1802)**

Formica rubida LATREILLE, 1802 b: 267.

DISTRIBUTION IN GREECE: **Dodecanese, mainland (Ma, Th).**

GENERAL DISTRIBUTION: Algeria; Andorra; Armenia; Austria; Belgium; Bosnia and Hercegovina; Bulgaria; Croatia; Czech Rep.; France: mainland; Georgia; Germany; Hungary; Italy: mainland; Macedonia; Montenegro; Poland; Romania; Serbia; Slovakia; Slovenia; Spain: mainland; Switzerland; Turkey; Ukraine.

***Messor alexandri* TOHMÉ & TOHMÉ, 1981**

Messor alexandri TOHMÉ & TOHMÉ, 1981: 148 (= *Messor barbarus* st. *structor* var. *alexandri* SANTSCHI, 1917 b: 91 unavailable name)

DISTRIBUTION IN GREECE: **Dodecanese.**

GENERAL DISTRIBUTION: Israel; Lebanon; Syria; Turkey.

***Messor antennatus* EMERY, 1908**

Messor antennatus EMERY, 1908 b: 441 .

DISTRIBUTION IN GREECE: **Aegean Is.**

GENERAL DISTRIBUTION: Algeria; Morocco.

COMMENTS: In LEGAKIS' (2011) checklist noted under the names *M. antennatus* EMERY and *M. fodori* RÖSZLER. Its occurrence in Greece needs confirmation.

***Messor bouvieri* BONDROIT, 1918**

Messor bouvieri BONDROIT, 1918: 154.

DISTRIBUTION IN GREECE: **mainland (St, Tr).**

GENERAL DISTRIBUTION: Algeria; France: Corsica, mainland; Gibraltar; Italy: mainland, Sicily; Malta; Portugal; Spain: Balears, mainland; Switzerland.

COMMENTS: Its occurrence in Greece needs confirmation. It is a western Mediterranean species and records from Greece are probably based on misidentifications.

***Messor caducus* (MOTSCHOULSKY, 1839)**

Formica caduca MOTSCHOULSKY, 1839: 47.

DISTRIBUTION IN GREECE: **Aegean Is., Cyclades, Dodecanese, mainland (Tr).**

NEW MATERIAL: **Crete:** Chania distr., Omalos Plateau, 1034 m, 35°20' N/23°53' E, 3 V 2011, leg. LB.

GENERAL DISTRIBUTION: Albania; Armenia; Bulgaria; France: Corsica; Georgia; Iran; Italy: mainland, Sardinia, Sicily; Macedonia; Malta; Russia (Caucasus); Serbia; Syria; Turkey.

***Messor capitatus* (LATREILLE, 1798)**

Formica capitata LATREILLE, 1798: 46.

DISTRIBUTION IN GREECE: **Dodecanese, mainland (Ma, Pe).**

NEW MATERIAL: **Macedonia:** Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 24-25 VIII 2009, 5-6 IX 2009, leg. LB; Halkidiki, Kassandra, Livadakia, 3-10 m, 39°58' N/23°33' E, 26 VIII 2009, leg. LB; Halkidiki, Kassandra, Elani, 281 m, 40°03' N/23°21' E, 28 VIII 2009, leg. LB; Halkidiki, Kassandra, Fourka-Kassandrino rd., 69 m, 40°01' N/23°25' E, 29 VIII 2009, leg. LB; Halkidiki, Holomontas, n. Taxiarchis, Paleokastro, 594 m, 40°24' N/23°31' E, 30 VIII 2009, leg. LB; Halkidiki, Kassandra, Loutra, 22 m, 39°55' N/23°35' E, 31 VIII 2009, leg. LB; Halkidiki, Sithona, Parthenonas, 305 m, 40°07' N/23°36' E, 2 IX 2009, leg. LB; Halkidiki, Holomontas, Stagira-Neochori rd., 512 m, 40°31' N/23°42' E, 3 IX 2009, leg. LB; Thessaloniki distr., 14 km E of Thessaloniki, 230 m, 40°39' N/23°07' E, 17 IV 2010, leg. J. Kalisiak; Pieria distr., Aliki, 1-3 m, 40°22.580 N/22°37.935 E, 29 VIII 2012, leg. LB; Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 281 m, 40°06.268 N/22°29.876 E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 322 m, 40°06.271 N/22°29.571 E, 31 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia

rd., 322 m, 40°02.240 N/22°31.456 E, 2 IX 2012, leg. LB; Pieria distr., Pieria Mts., Ritini-Elatochori rd., 748 m, 40°18.156 N/22°15.979 E, 3 IX 2012, leg. LB; Pieria distr., Pieria Mts., Vria-Ritini rd., 388 m, 40°17.085 N/22°18.337 E, 5 IX 2012, leg. LB; Pieria distr., Pieria Mts., 1.8 km E of Rizomata, 668 m, 40°21.371 N/22°13.886 E, 5 IX 2012, leg. LB; Pieria distr., Pieria Mts., Aliakomonas Lake n. Sfikia, 88 m, 40°24.869 N/22°11.709 E, 5 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 1, 249 m, 40°12.753 N/22°19.072 E, 7 IX 2012, leg. LB; **Stereia Ellas**: Fthiotida Pr., 3 km E Makri, 95 m, 38°57' N/22°11' E, 19 IV 2010, leg. J. Kalisiak; **Thessaly**: Larissa distr., Ossa Mts., Ag. Dimitrios Mon. n. Stomio, 162 m, 39°51.544 N/22°44.418 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Algeria; Bosnia and Hercegovina; Bulgaria; Croatia; France: Corsica, mainland; Italy: mainland, Sardinia, Sicily; Macedonia; Malta; Monaco; Morocco; Portugal; Serbia; Slovenia; Spain: Balears, mainland; Tunisia.

COMMENTS: Populations of *M. capitatus* from the Balkan Peninsula differ from typical forms found in the western part of the Mediterranean Subregion (terra typica: France) in the stronger sculpture of the head in gyne. These populations may represent a distinct species and need revision based on molecular studies.

***Messor concolor* SANTSCHI, 1927**

Messor semirufus var. *concolor* SANTSCHI, 1927 d: 229 (= *Messor barbarus semirufus* var. *concolor* EMERY, 1908 b: 448 unavailable name).

DISTRIBUTION IN GREECE: **Crete, Cyclades, Dodecanese, Ionian Is.**

GENERAL DISTRIBUTION: Bulgaria; Egypt; Iran; Israel; Lebanon; Serbia; Syria; Turkey.

COMMENTS: Described from Crete and Syria. On Crete we collected specimens that agree well with the original description, and conclude that the taxon is probably conspecific with *M. wasmanni* KRAUSSE, 1910.

***Messor denticulatus* SANTSCHI, 1927**

Messor minor st. *denticulatus* SANTSCHI, 1927 d: 247.

DISTRIBUTION IN GREECE: **Crete, Dodecanese.**

GENERAL DISTRIBUTION: Iran; Israel; Macedonia; Montenegro; Russia; Turkey - C Asia.

COMMENTS: Occurrence of this species in Greece needs confirmation as it may be confused with *Messor caducus* (Motschulsky). ARNOLDI's review (1977) suggests that *M. denticulatus* occurs only in Iran, Central Asia and Afghanistan.

***Messor ebeninus* SANTSCHI, 1927**

Messor semirufus var. *ebeninus* SANTSCHI, 1927 d: 229 (= *Messor barbarus* ssp. *semirufus* var. *ebenina* FOREL, 1910 a: 10 unavailable name).

DISTRIBUTION IN GREECE: **Aegean Is.**

GENERAL DISTRIBUTION: Egypt; Iran; Israel; Kuwait; Lebanon; Libya; Oman; Saudi Arabia; Serbia; Syria; Turkey; United Arab Emirates; Yemen.

COMMENTS: It is a species of doubtful status, probably conspecific with *M. wasmanni* KRAUSSE, 1910.

***Messor hellenius* AGOSTI & COLLINGWOOD 1987**

Messor hellenius AGOSTI & COLLINGWOOD 1987 a: 54 (= *Mesor barbarus* st. *varrialei* var. *hellenius* SANTSCHI, 1926: 290 unavailable name).

DISTRIBUTION IN GREECE: **Aegean Is., Cyclades, mainland (Ma, Pe, St, Th).**

GENERAL DISTRIBUTION: endemic to Greece.

COMMENTS: The species' status needs reevaluation.

***Messor intermedius* SANTSCHI, 1927**

Messor semirufus var. *intermedius* SANTSCHI, 1927 d: 229 (= *Messor barbarus* ssp. *semirufus* var. *intermedia* FOREL, 1910 a: 10 unavailable name).

DISTRIBUTION IN GREECE: **Dodecanese.**

GENERAL DISTRIBUTION: Iran; Israel; Oman; Saudi Arabia; Syria; Turkey.

***Messor muticus* (NYLANDER, 1849)**

Myrmica mutica NYLANDER, 1849: 39.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Dodecanese, Ionian Is., mainland (Ma, St, Th).**

NEW MATERIAL: **Dodecanese:** Rhodes, 1 km W of Kattavia, 39 m, 35°57' N/27°44' E, 5 VII 2008, leg. LB; Rhodes, Mesanagros, 8 VII 2008, 257 m, 36°00' N/27°49' E, leg. LB; Rhodes, Kiotari, Hotel Ekaterini, 12 m, 36°02' N/27°57' E, 9 VII 2008, 3 m, 36°02' N/27°56' E, leg. LB; **Macedonia:** Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 25 VIII 2009, leg. LB; Halkidiki, Kassandra, Livadakia, 3-10 m, 39°58' N/23°33' E, 26 VIII 2009, leg. LB; Halkidiki, Metangisi-Ag. Nikolaos rd., 120 m, 40°17' N/23°40' E, 27 VIII 2009, leg. LB; Halkidiki, Kassandra, Fourka-Kassandrino rd., 69 m, 40°01' N/23°25' E, 29 VIII 2009, leg. LB; Halkidiki, Kassandra, Cap Paliouri, 38 m, 39°55' N/23°42' E, 31 VIII 2009, leg. LB; Halkidiki, Sithona, Parthenonas, 305 m, 40°07' N/23°36' E, 2 IX 2009, leg. LB; Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 322 m, 40°06.271 N/22°29.571 E, 31 VIII 2012, leg. LB; Pieria distr., Pieria Mts., Vria-Ritini rd., 388 m, 40°17.085 N/22°18.337 E, 5 IX 2012, leg. LB; Pieria distr., Pieria Mts., 1.8 km E of Rizomata, 668 m, 40°21.371 N/22°13.886 E, 5 IX 2012, leg. LB; **Thessaly:** Larissa distr., Ossa Mts., Evangelismos-Elatia rd., 117 m, 39°49.072 N/22°31.979 E, 6 IX 2012, leg. LB; Larissa distr., Ossa Mts., Spilia vic., 822 m,

39°48.029 N/22°38.952 E, 6 IX 2012, leg. LB; Larissa distr., Ossa Mts., Omoli-Stomio rd. loc. 1, 27 m, 39°53.374 N/22°39.750 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Bulgaria; Serbia; Turkey.

COMMENTS: This is a member of *Messor structor* group. Our collections suggest that two species of the group occur in Greece, differing distinctly in gyne body size. This is correlated with the worker size and the largest of major workers of the form with large gynes have the head approximately on 1/3 larger than the largest majors of the form with small gynes. The occurrence of two species of the “*structor*” type has also been confirmed by molecular studies (SCHLICK-STEINER et al. 2006). We attributed populations with large gynes to *M. muticus*.

***Messor oertzeni* FOREL, 1910**

Messor oertzeni FOREL, 1910 a: 25.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Dodecanese, mainland (Ma, Tr).**

NEW MATERIAL: **Macedonia:** Halkidiki, Kassandra, Elani, 281 m, 40°03' N/23°21' E, 28 VIII 2009, leg. LB; Halkidiki, Kassandra, Fourka-Kassandrino rd., 69 m, 40°01' N/23°25' E, 29 VIII 2009, leg. LB; Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 5-6 IX 2009, leg. LB.

GENERAL DISTRIBUTION: Bulgaria; Macedonia; Serbia; Turkey.

COMMENTS: In LEGAKIS' (2012) checklist noted under names *M. amphigeus* FOREL, *M. carpathous* MENOZZI and *M. oertzeni* FOREL. Record from Crete needs confirmation.

***Messor orientalis* (EMERY, 1898)**

Stenamma (Messor) structor var. *orientalis* EMERY, 1898: 143.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, Ionian Is., mainland (Ma, Pe, St).**

GENERAL DISTRIBUTION: Iran; Israel; Lebanon; Macedonia; Syria; Turkey; Yemen.

COMMENTS: This is a member of the *Messor structor* group, closely related to or conspecific with *M. muticus* NYLANDER.

***Messor structor* (LATREILLE, 1798)**

Formica structor LATREILLE, 1798: 46.

DISTRIBUTION IN GREECE: **Aegean Is.; Crete, Cyclades, Dodecanese, Ionian Is., mainland (Pe, St).**

NEW MATERIAL: **Crete:** Rethimnon distr., 12 km E Georgioupoli, Karoti, 110 m, 35°20' N/24°21' E, 30 IV 2007, leg. L. & M.L. Borowiec; Chania distr., Sfakia, 3 km S Askifou, 750 m, 35°16' N/24°10' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania

distr., Khora Sfakion, 6 m, 35°12' N/24°08' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Kourna Lake, S of Georgioupoli, 95 m, 35°19' N/24°17' E, 3 V 2007, leg. L. & M.L. Borowiec; Chania distr., Therisso Gorge S of Chania, 320 m, 35°26' N/23°59' E, 1 V 2011, leg. LB; Chania distr., Plemeniana n. Kandonos, 339 m, 35°19' N/23°43' E, 2 V 2011, leg. LB.

GENERAL DISTRIBUTION: Albania; Andorra; Armenia; Austria; Bosnia and Hercegovina; Bulgaria; Croatia; Cyprus; Czech Rep.; Egypt; France: Corsica, mainland; Georgia; Germany; Gibraltar; Hungary; Iran; Israel; Italy: mainland, Sardinia, Sicily; Macedonia; Malta; Moldova; Monaco; Montenegro; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Balears, mainland; Switzerland; Turkey; Ukraine.

COMMENTS: LEGAKIS (2011) listed the names *Messor structor*, *M. romanus* SANTSCHI and *M. rufitarsis* FABRICIUS, but the entire *M. structor* group needs revision based on morphology and molecular data. We attributed specimens with small gyns to *M. structor* (conspecific with *Messor* sp. B sensu SCHLICK-STEINER et al. and populations from Central Europe), although according to SCHLICK-STEINER et al. (2006) the name *M. structor* should be attributed rather to *Messor* sp. A. sensu SCHLICK-STEINER et al. as terra typica of *M. structor* is France.

***Messor sultanus* SANTSCHI, 1917**

Messor barbarus var. *sultana* SANTSCHI, 1917 b: 89.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Dodecanese, mainland (Ma).**

GENERAL DISTRIBUTION: Israel; Serbia; Syria; Turkey.

COMMENTS: Occurrence of this species in Greece needs confirmation.

***Messor wasmanni* KRAUSSE, 1910**

Messor barbarus subsp. *wasmanni* KRAUSSE, 1910: 524.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, Ionian Is., mainland (Ma, Pe, St, Th).**

NEW MATERIAL: **Crete:** Chania distr., Kato Kefalas, 6 km N of Georgioupoli, 298 m, 35°25' N/24°15' E, 29 IV 2007, leg. L. & M.L. Borowiec; Chania distr., Episkopi, 8 km E of Georgioupoli, 18 m, 35°20' N/24°18' E, 30 IV 2007, leg. L. & M.L. Borowiec; Chania distr., Sfakia, Askifou, 730 m, 35°16' N/24°10' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Kato Daratso n. Chania, 20-25 m, 35°30' N/23°58' E, 30 IV 2011, 10-15 m, 35°30' N/23°59' E, 6 V 2011, leg. LB; Chania distr., Therisso Gorge S of Chania, 320 m, 35°26' N/23°59' E, 1 V 2011, leg. LB; Chania distr., Agia, 6 km SW of Chania, 22 m, 35°28' N/23°55' E, 3 V 2011, leg. LB; **Dodecanese:** Rhodes, Kiotari, 3 m, 36°02' N/27°57' E, 2 VII 2008, 5 VII 2008, 9 VII 2008, leg. LB; Rhodes, Gennadi-Chochlakas rd., 36 m, 35°57' N/27°52' E, 12 VII 2008, leg. LB; **Macedonia:** Halkidiki, Kassandra, Fourka-Kassandrino rd., 69 m, 40°01' N/23°25' E, 29 VIII 2009, leg. LB; Halkidiki, Holomontas, n. Arnea, 514 m, 40°30' N/23°33' E, 1 IX 2009, leg.

LB; Halkidiki, Sithona, Parthenonas, 305 m, 40°07' N/23°36' E, 2 IX 2009, leg. LB; Halkidiki, Agios Mamas salines, 4 m, 40°13' N/23°20' E, 4 IX 2009, leg. LB; Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 25 VIII 2009, 5-6 IX 2009, leg. LB; Pieria distr., Paralia Katerini, 5 m, 40°15.842 N/22°35.774 E, 28-29 VIII 2012, leg. LB; Pieria distr., Aliki, 1-3 m, 40°22.580 N/22°37.935 E, 29 VIII 2012, leg. LB; Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 322 m, 40°06.271 N/22°29.571 E, 31 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Litochoro-Ag. Ioannis rd., 575 m, 40°05.396 N/22°29.303 E, 31 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Lep-tokaria-Karia rd., 322 m, 40°02.240 N/22°31.456 E, 2 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., road to Pandeileimonas, 279 m, 39°59.350 N/22°35.707 E, 4 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., Pandeileimonas-Pori crossrd., 545 m, 39°59.113 N/22°35.085 E, 4 IX 2012, leg. LB; Pieria distr., Pieria Mts., Vria-Ritini rd., 388 m, 40°17.085 N/22°18.337 E, 5 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 1, 249 m, 40°12.753 N/22°19.072 E, 7 IX 2012, leg. LB; **Thessaly**: Larissa distr., Ossa Mts., Evangelismos-Elatia rd., 117 m, 39°49.072 N/22°31.979 E, 6 IX 2012, leg. LB; Larissa distr., Ossa Mts., Sikourio-Spilia rd., 544 m, 39°46.640 N/22°36.634 E, 6 IX 2012, leg. LB; Larissa distr., Ossa Mts., Omoli-Stomio rd. loc. 1, 27 m, 39°53.374 N/22°39.750 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Bosnia and Hercegovina; Bulgaria; Croatia; France: Corsica; Georgia; Italy: Sardinia, Sicily; Lebanon; Macedonia; Montenegro; Oman; Serbia; Slovenia; Syria; Tunisia; Turkey.

COMMENTS: We attribute all the recent records of *M. meridionalis* from the Balkan Peninsula to *Messor wasmanni*, as *Messor meridionalis* is a species incertae sedis. Its original description is possibly based on specimens belonging to more than one species and without designation of the lectotype for *M. meridionalis* the specific status of this taxon remains dubious.

***Monomorium abeillei* ANDRÉ, 1881**

Monomorium abeillei ANDRÉ, 1881 a: 531.

DISTRIBUTION IN GREECE: **Crete**.

GENERAL DISTRIBUTION: Egypt; Iran; Israel; Kuwait; Oman; Saudi Arabia; United Arab Emirates; Yemen.

COMMENTS: The record from Crete needs confirmation, as it is most probably based on a misidentification of *M. subopacum* (SMITH).

***Monomorium creticum* EMERY, 1895**

Monomorium abeillei var. *creticum* EMERY, 1895: 66 [298].

DISTRIBUTION IN GREECE: **Aegean Is., Crete**.

NEW MATERIAL: **Crete**: Chania distr., Kato Kefalas, 6 km N of Georgioupoli, 298 m, 35°25' N/24°15' E, 29 IV 2007, leg. L. & M.L. Borowiec; Chania distr., Sfakia,

Askifou, 730 m, 35°16' N/24°10' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Therisso Gorge S of Chania, 320 m, 35°26' N/23°59' E, 1 V 2011, leg. LB; Chania distr., Kandalos-Floria rd., 588 m, 35°21' N/23°44' E, 2 V 2011, leg. LB; Chania distr., Koutsomatados-Mili rd., 308 m, 35°23' N/23°40' E, 2 V 2011, leg. L. Borowiec; Chania distr., Omalos Plateau, 1034 m, 35°20' N/23°53' E, 3 V 2011, leg. LB; Chania distr., Kato Daratso n. Chania, 10-15 m, 35°30' N/23°59' E, 6 V 2011, 20-25 m, 35°30' N/23°58' E, 7 V 2011, leg. LB.

GENERAL DISTRIBUTION: Endemic to Greece.

***Monomorium monomorium* BOLTON, 1987**

Monomorium monomorium BOLTON, 1987: 287 (= *Monomorium minutum* MAYR, 1855: 453 not *Monomorium minutum* (JERDON 1851: 105) new name).

DISTRIBUTION IN GREECE: **Aegean Is., Ionian Is., mainland.**

NEW MATERIAL: **Crete:** Chania distr., Agia, 6 km SW of Chania, 22 m, 35°28' N/23°55' E, 3 V 2011, leg. LB.

GENERAL DISTRIBUTION: Algeria; Austria; Bosnia and Hercegovina; Croatia; France: mainland; Israel; Italy: mainland, Sicily; Montenegro; Morocco; Serbia; Slovenia; Spain: Canary Is., mainland; Syria; Turkey.

***Monomorium nitidiventre* EMERY, 1893**

Monomorium bicolor subsp. *nitidiventris* EMERY, 1893: 256.

DISTRIBUTION IN GREECE: **Aegean Is., Cyclades, Dodecanese.**

GENERAL DISTRIBUTION: Egypt; Iran; Kuwait; Libya; Saudi Arabia; United Arab Emirates; Yemen.

COMMENTS: Record from Crete needs confirmation because with great possibility based on misidentification of *M. subopacum* (SMITH).

***Monomorium perplexum* RADCHENKO, 1997**

Monomorium perplexum RADCHENKO, 1997 a: 213.

DISTRIBUTION IN GREECE: **Crete, Cyclades, Dodecanese, mainland (St).**

NEW MATERIAL: **Crete:** Chania distr., Kato Kefalas, 6 km N of Georgioupoli, 298 m, 35°25' N/24°15' E, 29 IV 2007, leg. L. & M.L. Borowiec; Chania distr., Kato Daratso n. Chania, 20-25 m, 35°30' N/23°58' E, 30 IV 2011, 10-25 m, 35°30' N/23°59' E, 6 V 2011, leg. LB; Chania distr., Diktamos Gorge n. Stilos, 160 m, 35°26' N/24°06' E, 4 V 2011, leg. LB; **Dodecanese:** Rhodes, Kiotari-Asklipto rd., 59 m, 36°03' N/27°56' E, 2 VII 2008, leg. LB; **Thessaly:** Larissa distr., Ossa Mts., Evaggelismos-Elatia rd., 117 m, 39°49.072 N/22°31.979 E, 6 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Armenia; Cyprus; Jordan; Syria; Turkey; United Arab Emirates.

COMMENTS: LEGAKIS (2011) also lists the name *Monomorium dentigerum* (ROGER), but according to the recent revision of the *M. scabriceps* group by RADCHENKO (1997 a) all records of this taxon from the Balkan Peninsula concern *M. perplexum*.

***Monomorium pharaonis* (LINNAEUS, 1758)**

Formica pharaonis LINNAEUS, 1758: 580.

DISTRIBUTION IN GREECE: **Aegean Is.; Crete, Cyclades, Dodecanese, mainland (Ma).**

GENERAL DISTRIBUTION: Albania; Algeria; Armenia; Austria; Belgium; Britain; Bulgaria; Croatia; Cyprus; Czech Rep.; Denmark; Egypt; Estonia; Finland; France: mainland; Georgia; Germany; Hungary; Iran; Ireland; Israel; Italy: mainland, Sardinia, Sicily; Latvia; Lithuania; Luxembourg; Macedonia; Madeira; Moldova; Montenegro; Morocco; Netherlands; North Ireland; Poland; Portugal; Romania; Russia; Saudi Arabia; Serbia; Slovakia; Slovenia; Spain: Balears, Canary Is., mainland; Sweden; Switzerland; Turkey; Ukraine - cosmopolitan.

***Monomorium phoenicum* SANTSCHI, 1927**

Monomorium (Xeromyrmex) subopacum var. *phaenicum* SANTSCHI, 1927 c: 242 (= *Monomorium salomonis subopacum* var. *phaenicia* EMERY, 1908 d: 677 unavailable name).

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese.**

GENERAL DISTRIBUTION: Egypt; Israel; Lebanon; Libya; Oman; Saudi Arabia; Syria; Tunisia; Turkey; United Arab Emirates; Yemen.

***Monomorium subopacum* (F. SMITH, 1858)**

Myrmica subopaca SMITH, 1858: 127.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades.**

NEW MATERIAL: **Crete:** Chania distr., Kato Daratso n. Chania, 20-25 m, 35°30' N/23°58' E, 30 IV 2011, leg. LB; **Dodecanese:** Rhodes, Kiotari, Hotel Ekaterini, 3 m, 36°02' N/27°56' E, 1 VII 2008, leg. LB.

GENERAL DISTRIBUTION: Algeria; Egypt; Georgia; Iran; Israel; Italy: mainland, Sardinia, Sicily; Lebanon; Libya; Madeira; Malta; Morocco; Oman; Saudi Arabia; Spain: Balears, Canary Is.; Syria; Tunisia; Turkey; United Arab Emirates; Yemen - cosmopolitan.

***Myrmecina graminicola* (LATREILLE, 1802)**

Formica graminicola LATREILLE, 1802 b: 255.

DISTRIBUTION IN GREECE: **Crete, Cyclades, Dodecanese, Ionian Is., mainland (Pe, St, Th).**

NEW MATERIAL: **Macedonia:** Halkidiki, Kassandra, Kassandrino-Polichrono rd., 594 m, 40°24' N/23°31' E, 29 VIII 2009, leg. LB; Halkidiki, Holomontas, n. Taxiarchis, Paleokastro, 896 m, 40°25' N/23°30' E, 30 VIII 2009, leg. LB; Pieria distr., Pieria Mts., Skotina, 649 m, 40°12.006 N/22°13.938 E, 1 IX 2012, leg. LB; ; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 803 m, 39°59.426 N/22°26.341 E, 2 IX 2012, leg. LB; Pieria distr., Pieria Mts., Ritini-Elatochori rd., 748 m, 40°18.156 N/22°15.979 E, 3 IX 2012, leg. LB; Pieria distr., Platamonas Castle, 40°00.347 N/22°35.880 E, 106 m, 4 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 1, 249 m, 40°12.753 N/22°19.072 E, 7 IX 2012, leg. LB; Pieria distr., Olympus Mts., Petra vic., 584 m, 40°10.651 N/22°19.800 E, 7 IX 2012, leg. LB; **Thessaly:** Larissa distr., Ossa Mts., Stomio-Karitsa rd., 137 m, 39°51.466 N/22°44.822 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Algeria; Armenia; Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Cyprus; Czech Rep.; Denmark; France: Corsica, mainland; Georgia; Germany; Gibraltar; Hungary; Israel; Italy: mainland, Sardinia, Sicily; Latvia; Liechtenstein; Lithuania; Luxembourg; Macedonia; Madeira; Malta; Moldova; Montenegro; Morocco; Netherlands; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Balears, mainland; Sweden; Switzerland; Tunisia; Turkey; Ukraine.

***Myrmica constricta* KARAVAIEV, 1934**

SYNONYMS: *Myrmica rugulosa* var. *minuta* KARAVAIEV, 1929: 204 not *Myrmica minuta* Say 1836: 294; *Myrmica rugulosa* var. *constricta* KARAVAIEV, 1934: 74.

DISTRIBUTION IN GREECE: **recorded generally from Greece.**

NEW MATERIAL: **Macedonia:** Pieria distr., Olympus Mts., Leptokaria-Karia rd., 803 m, 39°59.426 N/22°26.341 E, 2 IX 2012, leg. LB.

DISTRIBUTION: Austria; Bulgaria; Croatia; Finland; Germany; Hungary; Italy: mainland; Poland; Romania; Switzerland; Serbia; Ukraine.

COMMENTS: See comments under *Myrmica hellenica*.

***Myrmica gallienii* BONDROIT, 1920**

Myrmica gallienii BONDROIT, 1920: 150.

DISTRIBUTION IN GREECE: **mainland (Ma).**

GENERAL DISTRIBUTION: Austria; Belarus; Belgium; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; Finland; Germany; Hungary; Latvia; Lithuania; Luxembourg; Moldova; Netherlands; Poland; Romania; Russia; Serbia; Slovakia; Sweden; Switzerland; Turkey; Ukraine.

***Myrmica hellenica* FINZI, 1926**

Myrmica rugulosa var. *hellenica* FINZI, 1926: 93 (= *Myrmica scabrinodis* r. *rugulosa* var. *hellenica* FOREL, 1913: 431 unavailable name).

DISTRIBUTION IN GREECE: **Ionian Is., mainland (Pe).**

NEW MATERIAL: **Macedonia:** Halkidiki, Holomontas, Stagira, 539 m, 40°31' N/23°44' E, 3 IX 2009, leg. LB.

GENERAL DISTRIBUTION: Armenia; Azerbaijan; Bulgaria; Croatia; Georgia; Italy: mainland; Montenegro; Russia; Serbia; Slovenia; Turkey; Ukraine.

COMMENTS: RADCHENKO & ELMES (2010) treated *Myrmica constricta* as separate from *M. hellenica* FINZI, and all the previous records of *M. hellenica* from Greece should be revised, where voucher material is available.

***Myrmica karavaievi* (ARNOLDI, 1930)**

Symbiomyrma karavaievi ARNOLDI, 1930: 269.

DISTRIBUTION IN GREECE: **mainland (Ma).**

GENERAL DISTRIBUTION: Austria; Belarus; Belgium; Britain; Bulgaria; Czech Rep.; Estonia; Finland; France: mainland; Germany; Hungary; Italy: mainland; Moldova; Norway; Poland; Russia; Spain: mainland; Sweden; Switzerland; Ukraine.

***Myrmica lobicornis* NYLANDER, 1846**

Myrmica lobicornis NYLANDER, 1846 a: 932.

DISTRIBUTION IN GREECE: **mainland (Ma).**

GENERAL DISTRIBUTION: Albania; Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: mainland; Georgia; Germany; Hungary; Ireland; Italy: mainland; Latvia; Lithuania; Luxembourg; Montenegro; Netherlands; Northern Ireland; Norway; Poland; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Canary Is., mainland; Sweden; Switzerland; Turkey; Ukraine.

***Myrmica lonae* FINZI, 1926**

Myrmica scabrinodis ssp. *lonae* FINZI, 1926: 103.

DISTRIBUTION IN GREECE: **new to Greece.**

NEW MATERIAL: **Macedonia:** Halkidiki, Holomontas, n. Taxiarchis, 594 m, 40°24' N/23°31' E, 30 VIII 2009, leg. LB.

GENERAL DISTRIBUTION: Austria; Belgium; Britain; Bulgaria; Croatia; Czech Rep.; Finland; France: mainland; Germany; Hungary; Italy: mainland; Netherlands; Norway; Poland; Romania; Russia; Slovakia; Sweden; Switzerland; Turkey.

***Myrmica pelops* SEIFERT, 2003**

Myrmica pelops SEIFERT, 2003: 148.

DISTRIBUTION IN GREECE: **mainland (Pe)**.

GENERAL DISTRIBUTION: endemic to Greece.

***Myrmica ravasinii* FINZI, 1923**

Myrmica ravasinii FINZI, 1923: 2.

DISTRIBUTION IN GREECE: **mainland (Ep)**.

GENERAL DISTRIBUTION: Albania; Armenia; Georgia; Serbia and Montenegro; Turkey.

***Myrmica rubra* (LINNAEUS, 1758)**

Formica rubra Linnaeus 1758: 580.

DISTRIBUTION IN GREECE: **mainland (Ma)**.

GENERAL DISTRIBUTION: Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: mainland; Georgia; Germany; Hungary; Ireland; Italy: mainland; Latvia; Liechtenstein; Lithuania; Luxembourg; Macedonia; Moldova; Netherlands; Northern Ireland; Norway; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

***Myrmica ruginodis* NYLANDER, 1846**

Myrmica ruginodis NYLANDER, 1846 a: 929.

DISTRIBUTION IN GREECE: **mainland (Ep, Pe)**.

GENERAL DISTRIBUTION: Albania; Andorra; Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: mainland; Georgia; Germany; Hungary; Ireland; Italy: mainland; Latvia; Lithuania; Luxembourg; Macedonia; Montenegro; Netherlands; Northern Ireland; Norway; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

***Myrmica rugulosa* NYLANDER, 1849**

Myrmica rugulosa NYLANDER, 1849: 32.

DISTRIBUTION IN GREECE: **mainland (Ma)**.

GENERAL DISTRIBUTION: Austria; Belarus; Belgium; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: mainland; Georgia; Germany; Hungary; Italy: mainland; Latvia; Lithuania; Luxembourg; Montenegro; Netherlands; Poland; Romania; Russia; Serbia and Montenegro; Slovakia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

***Myrmica sabuleti* MEINERT, 1861**

Myrmica sabuleti MEINERT, 1861: 327.

DISTRIBUTION IN GREECE: **Dodecanese, mainland (Ep, Ma, St).**

NEW MATERIAL: **Macedonia:** Halkidiki, Holomontas, n. Arnea, 773-808 m, 40°28' N/23°33' E, 1 IX 2009, leg. LB; Macedonia: Pieria distr., Olympus Mts., Leptokaria-Karia rd., 803 m, 39°59.426 N/22°26.341 E, 2 IX 2012, leg. LB; Pieria distr., Pieria Mts., 4.5 km N of Elatochori, 762 m, 40°21.569 N/22°15.532 E, 3 IX 2012, leg. LB; Pieria distr., Platamonas Castle, 40°00.347 N/22°35.880 E, 106 m, 4 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: Corsica, mainland; Germany; Hungary; Iran; Ireland; Italy: mainland, Sardinia, Sicily; Latvia; Liechtenstein; Lithuania; Luxembourg; Macedonia; Moldova; Montenegro; Netherlands; Northern Ireland; Norway; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Balears, mainland; Sweden; Switzerland; Turkey; Ukraine.

COMMENTS: Because ELMES et. al (2002) described almost sister species to *M. sabuleti* named *M. tulinae* previous records of *M. sabuleti* from Greece should be revised based on evidence materials.

***Myrmica scabrinodis* NYLANDER, 1846**

Myrmica scabrinodis NYLANDER, 1846 a: 930.

DISTRIBUTION IN GREECE: **Ionian Is., mainland.**

GENERAL DISTRIBUTION: Albania; Algeria; Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: mainland; Georgia; Germany; Hungary; Ireland; Italy: mainland, Sardinia, Sicily; Latvia; Liechtenstein; Lithuania; Luxembourg; Macedonia; Moldova; Montenegro; Netherlands; Northern Ireland; Norway; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Balears, mainland; Sweden; Switzerland; Turkey; Ukraine.

***Myrmica schencki* VIERECK, 1903**

Myrmica rubra var. *schencki* VIERECK 1903: 72 (= *Myrmica rubra* ssp. *scabrinodis* var. *schencki* EMERY, 1895: 315 unavailable name).

DISTRIBUTION IN GREECE: **mainland.**

GENERAL DISTRIBUTION: Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; Finland; France: mainland; Georgia; Germany; Hungary; Ireland; Italy: mainland; Latvia; Lithuania; Macedonia; Moldova; Montenegro; Netherlands; Norway; Poland; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Canary Is., mainland; Sweden; Switzerland; Turkey; Ukraine.

***Myrmica specioides* BONDROIT, 1918**

Myrmica specioides BONDROIT, 1918: 100.

DISTRIBUTION IN GREECE: **mainland (Ma).**

GENERAL DISTRIBUTION: Austria; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Croatia; Czech Rep.; France: mainland; Georgia; Germany; Hungary; Iran; Italy: mainland; Luxembourg; Moldova; Netherlands; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

COMMENTS: The record of *M. bessarabica* Nasonov from Greece probably concerns *M. specioides*. Currently the name is treated as incertae sedis (RADCHENKO & ELMES 2010).

***Myrmica sulcinodis* NYLANDER, 1846**

Myrmica sulcinodis NYLANDER, 1846 a: 934.

DISTRIBUTION IN GREECE: **mainland (Ma, Th, St).**

GENERAL DISTRIBUTION: Albania; Austria; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Croatia; Denmark; Estonia; Finland; France: mainland; Georgia; Germany; Ireland; Italy: mainland, Sicily; Latvia; Netherlands; Northern Ireland; Norway; Poland; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

***Myrmica tulinae* ELMES, RADCHENKO & AKTAÇ, 2002**

Myrmica tulinae ELMES, RADCHENKO & AKTAÇ, 2002: 158.

DISTRIBUTION IN GREECE: **new to Greece.**

NEW MATERIAL: **Macedonia:** Pella Pref., Voras Mts., 19 km NW of Edessa, 1642 m, 40°54' N/22°01' E, 28 IV 2010, leg. J. Kalisiak.

GENERAL DISTRIBUTION: France: mainland; Georgia; Italy: mainland; Netherlands; Poland; Turkey.

***Myrmoxenus adlerzi* (DOUWES, JESSEN & BUSCHINGER, 1988)**

Epimyrma adlerzi DOUWES, JESSEN & BUSCHINGER, 1988: 240.

DISTRIBUTION IN GREECE: **mainland (Ma, Pe, St).**

GENERAL DISTRIBUTION: endemic to Greece.

***Myrmoxenus gordiagini* RUZSKY, 1902**

Myrmoxenus gordiagini RUZSKY, 1902 b: 475.

DISTRIBUTION IN GREECE: **mainland (St).**

GENERAL DISTRIBUTION: Bosnia and Hercegovina; Bulgaria; Croatia; Italy: mainland; Russia; Serbia; Turkey.

***Myrmoxenus kraussei* (EMERY, 1915)**

Epimyrmex kraussei EMERY, 1915 a: 262.

DISTRIBUTION IN GREECE: **Crete, mainland (Ma).**

GENERAL DISTRIBUTION: Algeria; Croatia; France: Corsica, mainland; Germany; Gibraltar; Italy: mainland, Sardinia; Morocco; Slovenia; Spain: mainland; Turkey.

***Myrmoxenus ravouxi* (ANDRÉ, 1896)**

Formicoxenus ravouxi ANDRÉ, 1896: 367.

DISTRIBUTION IN GREECE: **mainland (Ma).**

GENERAL DISTRIBUTION: Austria; Bulgaria; Croatia; Czech Rep.; France: Corsica; Germany; Hungary; Italy: mainland, Sardinia; Poland; Slovakia; Spain: mainland; Serbia; Switzerland; Turkey.

***Nylanderia jaegerskioeldi* (MAYR, 1904)**

Prenolepis jaegerskioeldi MAYR, 1904: 8.

DISTRIBUTION IN GREECE: **Dodecanese.**

NEW MATERIAL: **Dodecanese:** Rhodes, Kiotari, Hotel Ekaterini, 12 m, 36°02' N/27°57' E, 30 VI 2008, 2-9 VII 2008, leg. LB.

GENERAL DISTRIBUTION: Cyprus; Egypt; Israel; Libya; Oman; Saudi Arabia; Spain: Balears, mainland; Turkey; United Arab Emirates; Yemen - Afrotropical.

***Nylanderia vividula* (NYLANDER, 1846)**

Formica vividula NYLANDER, 1846 a: 900.

DISTRIBUTION IN GREECE: **introduced to the mainland of Greece but probably not established.**

GENERAL DISTRIBUTION: Britain; Croatia; Egypt; Iran; Ireland; Israel; Russia; Serbia; Spain: Balears, mainland; Sweden; Turkey; Ukraine; United Arab Emirates; Yemen - subcosmopolitic.

COMMENTS: This is an invasive species in Europe and its occurrence around tourist resorts and in urban areas is plausible.

***Oxyopomyrmex krueperi* FOREL, 1911**

Oxyopomyrmex krueperi FOREL, 1911 a: 344.

DISTRIBUTION IN GREECE: **Dodecanese, mainland (Ma).**

NEW MATERIAL: **Crete**: Chania distr., Kato Daratso n. Chania, 20-25 m, 35°30' N/23°58' E, 30 IV 2011, 10-15 m, 35°30' N/23°59' E, 6 V 2011, leg. LB.

GENERAL DISTRIBUTION: Turkey.

***Oxyopomyrmex lagoi* MENOZZI, 1936**

Oxyopomyrmex lagoi MENOZZI, 1936: 278.

DISTRIBUTION IN GREECE: **Dodecanese.**

GENERAL DISTRIBUTION: endemic to Greece.

***Pheidole megacephala* (FABRICIUS, 1793)**

Formica megacephala FABRICIUS, 1793: 361.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Dodecanese, mainland (Ma).**

GENERAL DISTRIBUTION: Algeria; Azores; Britain; Egypt; France: Corsica, mainland; Italy: mainland; Iran; Kuwait; Macedonia; Madeira; Morocco; Netherlands, Oman; Saudi Arabia; Serbia; Spain: Canary Is., mainland; Syria; Tunisia; Turkey; United Arab Emirates; Yemen - cosmopolitan.

***Pheidole pallidula* (NYLANDER, 1849)**

Myrmica pallidula NYLANDER, 1849: 42.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, Ionian Is., mainland (Ep, Ma, Pe, St, Th).**

NEW MATERIAL: **Crete**: Rethimnon distr., 12 km E Georgioupoli, Karoti, 110 m, 35°20' N/24°21' E, 30 IV 2007, leg. L. & M.L. Borowiec; Chania distr., Khora Sfakion, 6 m, 35°12' N/24°08' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Therisso Gorge S of Chania, 320 m, 35°26' N/23°59' E, 1 V 2011, leg. LB; Chania distr., Kandanos-Floria rd., 588 m, 35°21' N/23°44' E, 2 V 2011, leg. LB; Chania distr., Diktamos Gorge n. Stilos, 160 m, 35°26' N/24°06' E, 4 V 2011, leg. LB; Chania distr., Tzitzifes

n. Vrises, 264 m, 35°21' N/24°09' E, 5 V 2011, leg. LB; Chania distr., Tzitzifes n. Vrises, 264 m, 35°21' N/24°09' E, 5 V 2011, leg. LB; **Dodecanese**: Rhodes, Kiotari, 3 m, 36°02' N/27°57' E, 2 VII 2008, leg. LB; Rhodes, Kiotari-Asklipio rd., 59 m, 36°03' N/27°56' E, 2 VII 2008, leg. LB; Rhodes, Asklipio-Laerma rd., 500 m of Asklipio, 169 m, 36°04' N/27°55' E, 3 VII 2008, leg. LB; Rhodes, Agios Nektarios, E of Archipoli, 82 m, 36°15' N/28°04' E, 4 VII 2008, leg. LB; **Macedonia**: Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 25 VIII 2009, leg. LB; Halkidiki, Holomontas, n. Taxiarchis, 594 m, 40°24' N/23°31' E, 30 VIII 2009, leg. LB; Halkidiki, Holomontas, Stagira, 539 m, 40°31' N/23°44' E, 3 IX 2009, leg. LB; Pieria distr., Paralia Katerini, 5 m, 40°15.842' N/22°35.774' E, 28-29 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 328 m, 40°06.639' N/22°29.623' E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 322 m, 40°06.271' N/22°29.571' E, 31 VIII 2012, leg. LB; Pieria distr., Pieria Mts., Fotina, 398 m, 40°13.288' N/22°18.385' E, 1 IX 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 322 m, 40°02.240' N/22°31.456' E, 2 IX 2012, leg. LB; Pieria distr., Pieria Mts., 2.3 km N of Elatochori, 748 m, 40°20.393' N/22°15.413' E, 3 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., road to Pandeileimonas, 279 m, 39°59.350' N/22°35.707' E, 4 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., Pandeileimonas-Pori crossrd., 545 m, 39°59.113' N/22°35.085' E, 4 IX 2012, leg. LB; Pieria distr., Pieria Mts., Vria-Ritini rd., 388 m, 40°17.085' N/22°18.337' E, 5 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 1, 249 m, 40°12.753' N/22°19.072' E, 7 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 2, 386 m, 40°12.031' N/22°19.010' E, 7 IX 2012, leg. LB; **Thessaly**: Larissa distr., Ossa Mts., Sikourio-Spilia rd., 544 m, 39°46.640' N/22°36.634' E, 6 IX 2012, leg. LB; Larissa distr., Ossa Mts., Spilia vic., 822 m, 39°48.029' N/22°38.952' E, 6 IX 2012, leg. LB; Larissa distr., Ossa Mts., Omoli-Stomio rd. loc. 1, 27 m, 39°53.374' N/22°39.750' E, 8 IX 2012, leg. LB; Larissa distr., Ossa Mts., Ag. Dimitrios Mon. n. Stomio, 162 m, 39°51.544' N/22°44.418' E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Algeria; Armenia; Austria; Azores; Bosnia and Hercegovina; Bulgaria; Croatia; Cyprus; Egypt; France: Corsica, mainland; Georgia; Gibraltar; Iran; Israel; Italy: mainland, Sardinia, Sicily; Libya; Macedonia; Madeira; Malta; Monaco; Montenegro; Morocco; Portugal; Romania; Russia; Saudi Arabia; Serbia; Slovenia; Spain: Balears, Canary Is., mainland; Switzerland; Tunisia; Turkey.

Pheidole teneriffana FOREL, 1893

Pheidole teneriffana FOREL, 1893: 465.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, Ionian Is.**

NEW MATERIAL: **Crete**: Chania distr., Kato Daratso n. Chania, 20-25 m, 35°30' N/23°58' E, 30 IV 2011, 7 V 2011, leg. LB; **Dodecanese**: Rhodes, Rhodes City, 16 m, 36°26' N/28°13' E, 7 VII 2008, leg. LB.

GENERAL DISTRIBUTION: Cyprus; Egypt; Iran; Israel; Italy: Sicily; Malta; Portugal; Saudi Arabia; Spain: Balears, Canary Is., mainland; Turkey; United Arab Emirates; Yemen - cosmopolitan.

***Plagiolepis ancyrensis* SANTSCHI, 1920**

Plagiolepis maura var. *ancyrensis* SANTSCHI, 1920: 171.

DISTRIBUTION IN GREECE: **Aegean Is.**

GENERAL DISTRIBUTION: Egypt; Israel; Lebanon; Turkey.

COMMENTS: The taxonomic status of this taxon needs revision.

***Plagiolepis karawajewi* RADCHENKO, 1989**

Plagiolepis karawajewi RADCHENKO, 1989 b: 154.

DISTRIBUTION IN GREECE: **Cyclades.**

GENERAL DISTRIBUTION: Azerbaijan; Ukraine.

***Plagiolepis pallescens* FOREL, 1889**

Plagiolepis pygmaea var. *pallescens* FOREL, 1889: 265.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, mainland (Ma, Pe, St, Th).**

NEW MATERIAL: **Crete:** Chania distr., Sfakia, 3 km S Askifou, 750 m, 35°16' N/24°10' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Khora Sfakion, 6 m, 35°12' N/24°08' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Kato Daratso n. Chania, 20-25 m, 35°30' N/23°58' E, 30 IV 2011, 10-15 m, 35°30' N/23°59' E, 6 V 2011, leg. LB; Chania distr., Fres n. Vrises, 173 m, 35°23' N/24°09' E, 5 V 2011, leg. LB; **Macedonia:** Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 25 VIII 2009, leg. LB; Halkidiki, Kassandra, Elani, 281 m, 40°03' N/23°21' E, 28 VIII 2009, leg. LB; Halkidiki, Agios Mamas salines, 4 m, 40°13' N/23°20' E, 4 IX 2009, leg. LB; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 887 m, 40°06.787 N/22°28.145 E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Litochoro-Ag. Ioannis rd., 575 m, 40°05.396 N/22°29.303 E, 31 VIII 2012, leg. LB; Pieria distr., Pieria Mts., Fotina, 398 m, 40°13.288 N/22°18.385 E, 1 IX 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 322 m, 40°02.240 N/22°31.456 E, 2 IX 2012, leg. LB; Pieria distr., Pieria Mts., 4.5 km N of Elatochori, 762 m, 40°21.569 N/22°15.532 E, 3 IX 2012, leg. LB; Pieria distr., Platamonas Castle, 40°00.347 N/22°35.880 E, 106 m, 4 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 1, 249 m, 40°12.753 N/22°19.072 E, 7 IX 2012, leg. LB; **Stereia Ellas:** Evritania, Fthiotida, Timfristos Mt., 3 km E of Ag. Nik., 1112 m, 38°55' N/21°55' E, 19 IV 2010, leg. J. Kalisiak.

GENERAL DISTRIBUTION: Algeria; Armenia; Egypt; Georgia; Hungary; Iran; Israel; Italy: mainland, Sicily; Libya; Macedonia; Morocco; Oman; Saudi Arabia; Tunisia; Turkey; Yemen.

***Plagiolepis pygmaea* (LATREILLE, 1798)**

Formica pygmaea LATREILLE, 1798: 45.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, Ionian Is., mainland (Ep, Ma, Pe, St, Th).**

NEW MATERIAL: **Crete:** Chania distr., Sfakia, Askifou, 730 m, 35°16' N/24°10' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Kato Daratso n. Chania, 20-25 m, 35°30' N/23°58' E, 30 IV 2011, 10-15 m, 35°30' N/23°58' E, 6 V 2011, leg. LB; **Macedonia:** Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 24 VIII 2009, leg. LB; Halkidiki, Metamorfofi-Metangisi rd., 335 m, 40°14' N/23°36' E, 27 VIII 2009, leg. LB; Halkidiki, Kassandra, Elani, 281 m, 40°03' N/23°21' E, 28 VIII 2009, leg. LB; Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 322 m, 40°06.271' N/22°29.571' E, 31 VIII 2012, leg. LB; **Thessaly:** Larissa distr., Ossa Mts., Sikourio-Spilia rd., 544 m, 39°46.640' N/22°36.634' E, 6 IX 2012, leg. LB; Larissa distr., Ossa Mts., Ag. Dimitrios Mon. n. Stomio, 162 m, 39°51.544' N/22°44.418' E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Armenia; Austria; Bosnia and Hercegovina; Bulgaria; Croatia; Czech Rep.; Egypt; France: Corsica, mainland; Georgia; Germany; Gibraltar; Hungary; Iran; Israel; Italy: mainland, Sardinia, Sicily; Luxembourg; Macedonia; Malta; Montenegro; Netherlands; Portugal; Romania; Serbia; Slovakia; Slovenia; Spain: Balears, Canary Is., mainland; Switzerland; Turkey; Ukraine; Yemen.

***Plagiolepis taurica* SANTSCHI, 1920**

Plagiolepis maura var. *taurica* SANTSCHI, 1920: 171.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Ionian Is., mainland (Ma).**

NEW MATERIAL: **Dodecanese:** Rhodes, Kiotari, 3 m, 36°02' N/27°57' E, 2 VII 2008, leg. LB; Rhodes, Agios Nektarios, E of Archipoli, 82 m, 36°15' N/28°04' E, 4 VII 2008, leg. LB; Rhodes, Monolithos-Siana rd., 67 m, 36°10' N/27°48' E, 10 VII 2008, leg. LB; **Macedonia:** Halkidiki, Kassandra, Agia Paraskevi, 213 m, 39°57' N/23°36' E, 26 VIII 2009, leg. LB; Halkidiki, Kassandra, Livadakia, 3-10 m, 39°58' N/23°33' E, 26 VIII 2009, leg. LB; Halkidiki, Kassandra, Cap Paliouri, 38 m, 39°55' N/23°42' E, 31 VIII 2009, leg. LB; Pieria distr., Pieria Mts., Vria-Ritini rd., 388 m, 40°17.085' N/22°18.337' E, 5 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Armenia; Austria; Belgium; Bosnia and Hercegovina; Bulgaria; Croatia; Cyprus; Czech Rep.; France: Corsica; Germany; Hungary; Iran; Italy: mainland, Sardinia; Libya; Montenegro; Romania; Russia; Serbia; Slovakia; Slovenia; Switzerland; Turkey; Ukraine - Palearctic.

COMMENTS: In LEGAKIS' (2011) checklist listed under the names *Plagiolepis taurica* SANTSCHI and *P. vindobonensis* LOMNICKI.

Plagiolepis xene* STÄRCKE, 1936Plagiolepis xene* STÄRCKE, 1936: 279.DISTRIBUTION IN GREECE: **mainland (Ma).**

GENERAL DISTRIBUTION: Croatia; Czech Rep.; France: mainland; Germany; Hungary; Italy: mainland, Sicily; Montenegro; Serbia; Slovakia; Spain: Balears, mainland; Switzerland; Turkey; Ukraine.

Polyergus rufescens* (LATREILLE, 1798)Formica rufescens* LATREILLE, 1798: 44.DISTRIBUTION IN GREECE: **mainland (Ma).**

GENERAL DISTRIBUTION: Albania; Austria; Armenia; Belarus; Belgium; Bosnia and Herzegovina; Bulgaria; Croatia; Czech Rep.; Denmark; France: Corsica, mainland; Georgia; Germany; Hungary; Italy: mainland; Luxembourg; Macedonia; Moldova; Montenegro; Netherlands; Poland; Portugal; Romania; Russia; Serbia and Montenegro; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

Ponera coarctata* (LATREILLE, 1802)Formica coarctata* LATREILLE, 1802: 65.DISTRIBUTION IN GREECE: **Ionian Is., mainland (Ep, Ma, St, Th).**NEW MATERIAL: **Macedonia:** Halkidiki, Holomontas n. Arnea, 703 m, 40°28' N/23°34' E, 1 IX 2009, leg. LB; Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 322 m, 40°06.271 N/22°29.571 E, 31 VIII 2012, leg. LB; Pieria distr., Pieria Mts., Fotina-Skotina rd., 567 m, 40°13.237 N/22°17.550 E, 1 IX 2012, leg. LB; Pieria distr., Pieria Mts., Skotina, 649 m, 40°12.006 N/22°13.938 E, 1 IX 2012, leg. LB; Pieria distr., Pieria Mts., 4.5 km N of Elatochori, 762 m, 40°21.569 N/22°15.532 E, 3 IX 2012, leg. LB; Pieria distr., Pieria Mts., Aliakomonas Lake n. Sfikia, 88 m, 40°24.869 N/22°11.709 E, 5 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 2, 386 m, 40°12.031 N/22°19.010 E, 7 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Algeria; Armenia; Austria; Belgium; Bosnia and Herzegovina; Britain; Bulgaria; Croatia; Cyprus; Czech Rep.; France: Corsica, mainland; Georgia; Germany; Gibraltar; Hungary; Israel; Italy: mainland, Sardinia, Sicily; Luxembourg; Macedonia; Madeira; Moldova; Montenegro; Morocco; Netherlands; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Balears, mainland; Switzerland; Tunisia; Turkey; Ukraine.

COMMENTS: Most probably some of the Greek records concern *Ponera testacea* EMERY.

***Ponera testacea* EMERY, 1895**

Ponera coarctata var. *testacea* EMERY, 1895 a: 62.

DISTRIBUTION IN GREECE: **Ionian Is., mainland (Pe).**

NEW MATERIAL: **Macedonia:** Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 322 m, 40°06.271' N/22°29.571' E, 31 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 322 m, 40°02.240' N/22°31.456' E, 2 IX 2012, leg. LB; Pieria distr., Platamonas Castle, 40°00.347' N/22°35.880' E, 106 m, 4 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Austria; Belgium; Britain; Bulgaria; Croatia; Czech Rep.; France: Corsica, mainland; Germany; Hungary; Italy: mainland, Sardinia; Montenegro; Netherlands; Poland; Romania; Serbia; Slovakia; Spain: Balears, mainland; Switzerland.

***Prenolepis nitens* (MAYR, 1853)**

Tapinoma nitens MAYR, 1853 b: 144.

DISTRIBUTION IN GREECE: **Aegean Is., Ionian Is., mainland (Ep, Ma, Pe, St, Th).**

NEW MATERIAL: **Macedonia:** Halkidiki, Holomontas, Vrastama-Taxiarhis rd., 626 m, 40°23' N/23°31' E, 30 VIII 2009, leg. LB; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 887 m, 40°06.787' N/22°28.145' E, 30 VIII 2012, leg. LB; Pieria distr., Pieria Mts., Fotina-Skotina rd., 567 m, 40°13.237' N/22°17.550' E, 1 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., road to Pandeimonas, 279 m, 39°59.350' N/22°35.707' E, 4 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., Pandeimonas, 467 m, 39°59.457' N/22°34.415' E, 4 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 1, 249 m, 40°12.753' N/22°19.072' E, 7 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Bosnia and Hercegovina; Britain; Bulgaria; Croatia; Georgia; Hungary; Italy: mainland; Macedonia; Montenegro; Romania; Serbia; Slovakia; Slovenia; Turkey.

***Proceratium algiricum* FOREL, 1899**

Proceratium (*Sysphingta*) *algiricum* FOREL, 1899: 305.

DISTRIBUTION IN GREECE: **Ionian Is., mainland (Ep, Pe).**

NEW MATERIAL: **Macedonia:** Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 322 m, 40°06.271' N/22°29.571' E, 31 VIII 2012, leg. LB.

GENERAL DISTRIBUTION: Algeria; Croatia; Italy: mainland, Sicily; Macedonia; Malta; Morocco; Serbia.

***Proceratium melinum* (ROGER, 1860)**

Ponera melina ROGER, 1860: 291.

DISTRIBUTION IN GREECE: **Dodecanese, Ionian Is., mainland (Pe, St).**

GENERAL DISTRIBUTION: Albania; Austria; Bulgaria; Croatia; Czech Rep.; France: Corsica, mainland; Hungary; Israel; Italy: mainland, Sicily; Macedonia; Malta; Montenegro; Romania; Russia; Slovakia; Slovenia; Spain: mainland; Turkey; Ukraine.

***Proformica epinotalis* KUZNETSOV-UGAMSKY, 1927**

Proformica epinotalis KUZNETSOV-UGAMSKY, 1927: 27.

DISTRIBUTION IN GREECE: **mainland.**

GENERAL DISTRIBUTION: Iran; Moldova; Romania; Russia; Ukraine.

COMMENTS: According to the recent revision (DLUSSKY 1969), its occurrence in Greece needs confirmation; the records probably represent misidentified *Proformica nasuta*.

***Proformica nasuta* (NYLANDER, 1856)**

Formica nasuta NYLANDER, 1856: 66.

DISTRIBUTION IN GREECE: **mainland (Ma).**

NEW MATERIAL: **Macedonia:** Halkidiki, Holomontas, n. Arnea, 703 m, 40°28' N/23°34' E, 1 IX 2009, leg. LB.

GENERAL DISTRIBUTION: Bulgaria; France: mainland; Georgia; Portugal; Macedonia; Romania; Spain: Canary Is., mainland; Turkey - C Asia.

***Proformica nitida* KUZNETSOV-UGAMSKY, 1923**

Proformica nitida KUZNETSOV-UGAMSKY, 1923: 246.

DISTRIBUTION IN GREECE: **mainland (Ep, Ma).**

GENERAL DISTRIBUTION: Iran; ?Turkey - C Asia.

COMMENTS: According to a recent revision (DLUSSKY 1969), its occurrence in Greece needs confirmation; the records probably represent misidentified *Proformica nasuta*.

***Proformica oculatissima* (FOREL, 1886)**

Formica oculatissima FOREL, 1886 b: clxii.

DISTRIBUTION IN GREECE: **mainland (Ma, St).**

GENERAL DISTRIBUTION: endemic to Greece.

***Proformica striaticeps* (FOREL, 1911)**

Formica (Proformica) nasuta var. *striaticeps* FOREL, 1911 a: 352.

DISTRIBUTION IN GREECE: **mainland (Ma, Pe).**

GENERAL DISTRIBUTION: Bulgaria; Serbia; Turkey.

***Pyramica argiola* (EMERY, 1869)**

Epitritus argiolus EMERY, 1869 c: 136.

DISTRIBUTION IN GREECE: **Ionian Is.**

GENERAL DISTRIBUTION: Austria; Croatia; France: mainland; Hungary; Israel; Italy: mainland, Sardinia, Sicily; Portugal; Serbia; Spain: mainland; Switzerland; Tunisia; Turkey.

***Pyramica baudueri* (EMERY, 1875)**

Epitritus baudueri EMERY, 1875: 76.

DISTRIBUTION IN GREECE: **recorded generally from Greek mainland.**

GENERAL DISTRIBUTION: Algeria; Armenia; Bulgaria; Croatia; France: mainland; Hungary; Italy: mainland, Sardinia, Sicily; Macedonia; Malta; Morocco; Serbia; Spain: mainland; Switzerland; Tunisia; Turkey.

***Pyramica membranifera* (EMERY, 1869)**

Strumigenys (Trichoscapa) membranifera EMERY, 1869 a: 24.

DISTRIBUTION IN GREECE: **recorded generally from Greek mainlan.**

GENERAL DISTRIBUTION: Egypt; France: mainland; Israel; Italy: mainland, Sardinia, Sicily; Malta; Spain: mainland; Tunisia - Cosmopolitan.

***Pyramica tenuipilis* (EMERY, 1915)**

Strumigenys baudueri var. *tenuipilis* EMERY, 1915 a: 264.

DISTRIBUTION IN GREECE: **mainland.**

GENERAL DISTRIBUTION: France: Corsica, mainland; Italy: mainland, Sardinia; Malta; Spain: mainland; Turkey.

***Pyramica tenuissima* (BROWN, 1953)**

Smithistruma (Smithistruma) tenuissima BROWN, 1953: 133.

DISTRIBUTION IN GREECE: **Ionian Is.**

GENERAL DISTRIBUTION: Endemic to Greece.

***Solenopsis crivellarii* MENOZZI, 1936**

Solenopsis crivellarii MENOZZI, 1936: 284.

DISTRIBUTION IN GREECE: **Dodecanese.**

GENERAL DISTRIBUTION: endemic to Greece.

COMMENTS: The status of this species, as other species with small gynes, needs revision. See comments under *Solenopsis wolffi*.

***Solenopsis fugax* LATREILLE, 1798**

Formica fugax LATREILLE, 1798: 46.

DISTRIBUTION IN GREECE: **Cyclades, Ionian Is., mainland (Pe, St, Th).**

NEW MATERIAL: **Macedonia:** Pieria distr., Pieria Mts., 1.8 km E of Rizomata, 668 m, 40°21.371 N/22°13.886 E, 5 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 2, 386 m, 40°12.031 N/22°19.010 E, 7 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Armenia; Austria; Belarus; Belgium; Bosnia and Herzegovina; Britain; Bulgaria; Croatia; Cyprus; Czech Rep.; Denmark; France: Corsica, mainland; Georgia; Germany; Hungary; Israel; Italy: mainland, Sardinia, Sicily; Latvia; Lebanon; Lithuania; Luxembourg; Macedonia; Malta; Moldova; Montenegro; Netherlands; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Balears, mainland; Sweden; Switzerland; Syria; Tunisia; Turkey; Ukraine.

COMMENTS: The records from Greece need revision based on material with associated sexual forms. According to our collections, a species with small gynes and males predominates in Greece, and we encountered the true *S. fugax* in only two localities.

***Solenopsis geminata* (FABRICIUS, 1804)**

Atta geminata FABRICIUS, 1804: 423.

DISTRIBUTION IN GREECE: **Ionian Is.**

GENERAL DISTRIBUTION: Cyprus; Italy: mainland; Turkey; United Arab Emirates - Cosmopolitan.

***Solenopsis latro* FOREL, 1894**

Solenopsis latro FOREL, 1894: 21.

DISTRIBUTION IN GREECE: **Ionian Is.**

GENERAL DISTRIBUTION: Algeria; Israel; Italy: Sardinia, Sicily; Morocco; Portugal; Serbia; Spain: mainland; Turkey.

COMMENTS: The status of this species, as other species with small gynes, needs revision. See comments under *Solenopsis wolffi*.

***Solenopsis wolffi* EMERY, 1915**

Solenopsis wolffi EMERY, 1915 a: 259.

DISTRIBUTION IN GREECE: **Ionian Is.**

NEW MATERIAL: **Crete**: Chania distr., Therisso Gorge S of Chania, 320 m, 35°26' N/23°59' E, 1 V 2011, leg. LB; Chania distr., Omalos Plateau, 1034 m, 35°20' N/23°53' E, 3 V 2011, leg. LB; Chania distr., Fres n. Vrises, 173 m, 35°23' N/24°09' E, 5 V 2011, leg. LB; **Macedonia**: Halkidiki, Metamorfosi-Metangisi rd., 335 m, 40°14' N/23°36' E, 27 VIII 2009, leg. LB; Halkidiki, Holomontas, Vrastama-Taxiarhis rd., 626 m, 40°23' N/23°31' E, 30 VIII 2009, leg. LB; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 887 m, 40°06.787 N/22°28.145 E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 322 m, 40°06.271 N/22°29.571 E, 31 VIII 2012, leg. LB; Pieria distr., Pieria Mts., Fotina, 398 m, 40°13.288 N/22°18.385 E, 1 IX 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 322 m, 40°02.240 N/22°31.456 E, 2 IX 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 901 m, 40°01.776 N/22°29.541 E, 2 IX 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 906 m, 40°00.887 N/22°28.133 E, 2 IX 2012, leg. LB; Pieria distr., Kato Olympus Mts., Pandeileimonas-Pori crossrd., 545 m, 39°59.113 N/22°35.085 E, 4 IX 2012, leg. LB; Pieria distr., Pieria Mts., Aliakomonas Lake n. Sfikia, 88 m, 40°24.869 N/22°11.709 E, 5 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 1, 249 m, 40°12.753 N/22°19.072 E, 7 IX 2012, leg. LB; **Thessaly**: Larissa distr., Ossa Mts., Sikourio-Spilia rd., 544 m, 39°46.640 N/22°36.634 E, 6 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Croatia; Macedonia; Serbia; Slovenia.

COMMENTS: The status of this species, as other species with small gynes needs revision. We attributed all populations with small gynes and males to *Solenopsis wolffi*, as opposed to *S. fugax*, which has large sexual forms.

***Stenammas debile* (FÖRSTER, 1850)**

Myrmica debilis FÖRSTER, 1850: 52.

DISTRIBUTION IN GREECE: **Cyclades, Ionian Is., mainland (Ma, Pe, St, Th).**

GENERAL DISTRIBUTION: Albania; Armenia; Austria; Belarus; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Croatia; Czech Rep.; Denmark; France: Corsica, mainland; Georgia; Germany; Hungary; Ireland; Italy: mainland, Sardinia, Sicily; Lithuania; Luxembourg; Moldova; Montenegro; Netherlands; Norway; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

***Stenammas striatulum* EMERY, 1895**

Stenammas westwoodi var. *striatulum* EMERY, 1895: 300.

DISTRIBUTION IN GREECE: **mainland (Ep, Th).**

NEW MATERIAL: **Macedonia:** Pieria distr., Pieria Mts., Skotina, 649 m, 40°12.006 N/22°13.938 E, 1 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Croatia; Italy: mainland, Sardinia; Malta; Russia; Serbia; Slovenia; Spain: mainland; Switzerland; Turkey.

***Stigmatomma denticulatum* ROGER, 1859**

Stigmatomma denticulatum ROGER, 1859: 251.

DISTRIBUTION IN GREECE: **Aegean Is., Dodecanese, Ionian Is., mainland (Ep, St, Pe).**

GENERAL DISTRIBUTION: Albania; Bulgaria; Croatia; Israel; Italy: mainland; Macedonia; Malta; Morocco; Romania; Serbia; Spain: mainland; Turkey.

COMMENTS: In LEGAKIS' (2011) checklist noted under the name *Amblyopone denticulata*.

***Stigmatomma impressifrons* EMERY, 1869**

Stigmatomma impressifrons EMERY, 1869 a: 13.

DISTRIBUTION IN GREECE: **mainland (Pe).**

GENERAL DISTRIBUTION: Bulgaria; Italy: mainland; Spain: mainland.

COMMENTS: In LEGAKIS' (2011) checklist noted under the name *Amblyopone impressifrons*.

***Strongylognathus dalmaticus* BARONI URBANI, 1969**

Strongylognathus dalmaticus BARONI URBANI, 1969: 154.

DISTRIBUTION IN GREECE: **Dodecanese.**

GENERAL DISTRIBUTION: Bosnia and Hercegovina; Croatia; Serbia.

***Strongylognathus cf. insularis* BARONI URBANI, 1968**

DISTRIBUTION IN GREECE: **Crete.**

NEW MATERIAL: **Crete:** Chania distr., Omalos Plateau, 1034 m, 35°20' N/23°53' E, 3 V 2011, leg. LB.

GENERAL DISTRIBUTION: ?Endemic to Crete.

COMMENTS: BUSCHINGER (1989) noted a collection of a member of the genus *Strongylognathus* close to *S. insularis* BARONI URBANI, 1968 on Crete, and mentioned that he intended to describe it in a separate paper. However, the description has never been published.

Strongylognathus silvestrii* MENOZZI, 1936Strongylognathus silvestrii* MENOZZI, 1936: 292.DISTRIBUTION IN GREECE: **Dodecanese.**

GENERAL DISTRIBUTION: Turkey.

Strongylognathus testaceus* (SCHENCK, 1852)Eciton testaceum* SCHENCK, 1852: 117.DISTRIBUTION IN GREECE: **recorded generally from Greece.**

GENERAL DISTRIBUTION: Austria; Belarus; Belgium; Britain; Bulgaria; Croatia; Czech Rep.; Denmark; France: Corsica, mainland; Georgia; Germany; Hungary; Italy: mainland, Sardinia; Lithuania; Luxembourg; Moldova; Netherlands; Poland; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

Tapinoma erraticum* (LATREILLE, 1798)Formica erratica* LATREILLE, 1798: 44.DISTRIBUTION IN GREECE: **Aegean Is., Crete, Dodecanese, Ionian Is., mainland (Ep, Pe, St).**

NEW MATERIAL: **Crete:** Chania distr., Sfakia, Askifou, 730 m, 35°16' N/24°10' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Kandalos-Floria rd., 588 m, 35°21' N/23°44' E, 2 V 2011, leg. LB; Chania distr., Koutsomatados-Mili rd., 308 m, 35°23' N/23°40' E, 2 V 2011, leg. LB; Chania distr., Omalos Plateau, 1034 m, 35°20' N/23°53' E, 3 V 2011, leg. LB; **Macedonia:** Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 24-25 VIII 2009, 5-6 IX 2009, leg. LB; Halkidiki, Holomontas, n. Taxiarchis, 594 m, 40°24' N/23°31' E, 30 VIII 2009, leg. LB; Halkidiki, Kassandra, Loutra, 22 m, 39°55' N/23°35' E, 31 VIII 2009, leg. LB; Halkidiki, Holomontas, n. Arnea, 703 m, 40°28' N/23°34' E, 1 IX 2009, leg. LB; Agios Mamas salines, 4 m, 40°13' N/23°20' E, 4 IX 2009, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 1, 249 m, 40°12.753 N/22°19.072 E, 7 IX 2012, leg. LB; Pieria distr., Olympus Mts., Petra vic., 584 m, 40°10.651 N/22°19.800 E, 7 IX 2012, leg. LB; **Stereia Ellas:** Evritania, Fthiotida, Timfristos Mt., 3 km E of Ag. Nik., 1112 m, 38°55' N/21°55' E, 19 IV 2010, leg. J. Kalisiak; **Thessaly:** Larissa distr., Ossa Mts., Spilia vic., 822 m, 39°48.029 N/22°38.952 E, 6 IX 2012, leg. LB; Larissa distr., Ossa Mts., Omoli-Stomio rd. loc. 2, 84 m, 39°52.249 N/22°41.859 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Andorra; Armenia; Austria; Belarus; Belgium; Bosnia and Herzegovina; Britain; Bulgaria; Croatia; Czech Rep.; Cyprus; Egypt; France: Corsica, mainland; Georgia; Germany; Gibraltar; Hungary; Iran; Israel; Italy: mainland, Sardinia, Sicily; Liechtenstein; Lithuania; Luxembourg; Macedonia; Madeira;

Malta; Moldova; Monaco; Montenegro; Netherlands; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Balears, Canary Is., mainland; Sweden; Switzerland; Turkey; Ukraine - C Asia.

***Tapinoma festae* EMERY, 1925**

Tapinoma simrothi subsp. *festae* EMERY, 1925 d: 51.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Dodecanese, Ionian Is.**

GENERAL DISTRIBUTION: ?Turkey.

COMMENTS: Its specific status needs confirmation based on studies of the male genitalia. According to the original description and a poorly executed figure of profile of the male genitalia it is very similar to *T. erraticum*.

***Tapinoma israele* FOREL, 1904**

Tapinoma erraticum r. *israelis* FOREL, 1904 b: 16.

DISTRIBUTION IN GREECE: **Crete.**

GENERAL DISTRIBUTION: Israel.

COMMENTS: The record from Greece needs confirmation.

***Tapinoma nigerrimum* (NYLANDER, 1856)**

Formica nigerrima NYLANDER, 1856: 71.

DISTRIBUTION IN GREECE: **Dodecanese.**

NEW MATERIAL: **Dodecanese**: Rhodes, Kattavia-Apolakkia rd., 3 m, 36°00' N/27°45' E, 5 VII 2008, leg. LB; **Macedonia**: Halkidiki, Agios Mamas salines, 4 m, 40°13' N/23°20' E, 4 IX 2009, leg. LB.

GENERAL DISTRIBUTION: Algeria; Bulgaria; Croatia; France: Corsica, mainland; Germany; Gibraltar; Italy: mainland, Sardinia, Sicily; Macedonia; Malta; Montenegro; Morocco; Portugal; Serbia; Spain: Balears, mainland; Turkey.

***Tapinoma simrothi* KRAUSSE, 1911**

Tapinoma erraticum var. *simrothi* KRAUSSE, 1911: 18.

DISTRIBUTION IN GREECE: **Crete, Cyclades, Dodecanese, Ionian Is., mainland (Ma, Pe, Th, St).**

NEW MATERIAL: **Crete**: Rethimnon distr., 12 km E Georgioupoli, Karoti, 110 m, 35°20' N/24°21' E, 30 IV 2007, leg. L. & M.L. Borowiec; **Rhodes**, Agios Nektarios, E of Archipoli, 82 m, 36°15' N/28°04' E, 4 VII 2008, leg. LB; Gennadi, 8 m, 36°02' N/27°56' E, 12 VII 2008, leg. LB.

GENERAL DISTRIBUTION: Algeria; Armenia; Cyprus; Egypt; France: mainland; Gibraltar; Italy: mainland, Sardinia, Sicily; Kuwait; Libya; Malta; Montenegro; Morocco; Oman; Portugal; Saudi Arabia; Serbia; Spain: Balears, mainland; Turkey; United Arab Emirates; Yemen.

COMMENTS: In LEGAKIS' (2011) checklist noted under names *Tapinoma phoeniceum* EMERY and *T. simrothi* KRAUSSE.

***Tapinoma subboreale* SEIFERT, 2012**

Tapinoma subboreale SEIFERT, 2012: 143.

DISTRIBUTION IN GREECE: **mainland (Ma).**

GENERAL DISTRIBUTION: Albania; Austria; Belarus; Belgium; Bosnia and Herzegovina; Britain; Bulgaria; Croatia; Czech Rep.; France: Corsica, mainland; Germany; Hungary; Italy: mainland; Lithuania; Luxembourg; Moldova; Montenegro; Netherlands; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Balears, mainland; Sweden; Switzerland; Turkey; Ukraine.

COMMENTS: The taxonomic status of Greek populations recorded previously under name *Tapinoma ambiguum* EMERY and later under its older synonymic name *T. madeirensis* FOREL needs revision. SEIFERT (2012), following examination of the types of *T. madeirensis* suggested that the species occurs only in western Europe and described the populations of *T. madeirensis* auct. from the central and northern parts of southeastern Europe under a new name *Tapinoma subboreale*.

***Temnothorax aeolius* (FOREL, 1911)**

Leptothorax bulgaricus subsp. *aeolius* FOREL, 1911 a: 334.

DISTRIBUTION IN GREECE: **Aegean Is., Dodecanese.**

GENERAL DISTRIBUTION: Israel; Turkey.

***Temnothorax affinis* (MAYR, 1855)**

Leptothorax affinis MAYR, 1855: 442.

DISTRIBUTION IN GREECE: **Aegean Is., Cyclades, mainland (St).**

NEW MATERIAL: **Macedonia:** Pieria distr., Olympus Mts., Leptokaria-Karia rd., 322 m, 40°02.240 N/22°31.456 E, 2 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Austria; Belarus; Belgium; Bosnia and Herzegovina; Bulgaria; Croatia; Czech Rep.; France: Corsica, mainland; Georgia; Germany; Hungary; Italy: mainland, Sardinia; Luxembourg; Moldova; Montenegro; Netherlands; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Switzerland; Turkey; Ukraine.

***Temnothorax anodontoides* (DLUSSKY & ZABELIN, 1985)**

Leptothorax anodontoides DLUSSKY and ZABELIN, 1985: 227.

DISTRIBUTION IN GREECE: **?mainland (Pe).**

GENERAL DISTRIBUTION: ?Greece; C Asia.

COMMENTS: SCHULZ et al. (2007) recorded this species from Peloponnese but with adnotation that its determination is tentatively.

***Temnothorax bulgaricus* (FOREL, 1892)**

Leptothorax bulgaricus FOREL, 1892 c: 314.

DISTRIBUTION IN GREECE: **Aegean Is., Dodecanese, Ionian Is.**

GENERAL DISTRIBUTION: Bulgaria; Cyprus; Israel; Macedonia; Serbia; Turkey.

COMMENTS: In LEGAKIS' (2011) checklist noted under names *Temnothorax aeolius* (FOREL) and *T. bulgaricus* (FOREL).

***Temnothorax clypeatus* (MAYR, 1853)**

Myrmica clypeata MAYR, 1853 b: 282.

DISTRIBUTION IN GREECE: **Ionian Is.**

DISTRIBUTION: Austria; Bosnia and Hercegovina; Bulgaria; Croatia; Czech Rep.; France: Corsica; Hungary; Italy: mainland; Poland; Portugal; Romania; Serbia; Slovakia; Slovenia; Spain: mainland; Switzerland; Ukraine.

***Temnothorax corticalis* (SCHENCK, 1852)**

Myrmica corticalis SCHENCK, 1852: 100.

DISTRIBUTION IN GREECE: **mainland (St).**

GENERAL DISTRIBUTION: Austria; Belarus; Belgium; Bosnia and Hercegovina; Bulgaria; Croatia; Czech Rep.; France: Corsica, mainland; Georgia; Germany; Hungary; Italy: mainland; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Switzerland; Turkey; Ukraine.

***Temnothorax crassispinus* (KARAVAEV, 1926)**

Leptothorax (Leptothorax) nylanderi var. *crassispina* KARAVAEV, 1926: 69.

DISTRIBUTION IN GREECE: **Cyclades, Ionian Is., mainland (Ep, Ma).**

NEW MATERIAL: **Macedonia:** Pieria distr., Olympus Mts., Litochoro-Olympus rd., 1055 m, 40°06.452 N/22°27.571 E, 30 VIII 2012, leg. LB; Pieria distr., Pieria Mts., 2.3 km N of Elatochori, 748 m, 40°20.393 N/22°15.413 E, 3 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Armenia; Austria; Belarus; Bosnia and Hercegovina; Bulgaria; Croatia; Czech Rep.; Estonia; Georgia; Hungary; Latvia; Lithuania; Macedonia; Moldova; Montenegro; Poland; Romania; Russia; Serbia; Slovakia; Slovenia; Turkey; Ukraine.

COMMENTS: in LEGAKIS' (2011) checklist noted under the name *T. nylanderi* (FÖRSTER) but according to the recent revisions of *T. nylanderi* group (SEIFERT 1995, 1996) records of this species from Greece concern *T. crassispinus* (KARAVAEV). *T. nylanderi* is a parapatric species distributed in western Europe. The group of species is now under revision by S. CSÖSZ S. and A. SCHULZ (personal comm.) and the preliminary results indicate that the group is probably more speciose and some new taxa will be described..

***Temnothorax dessyi* (MENOZZI, 1936)**

Leptothorax (Leptothorax) dessyi MENOZZI, 1936: 289.

DISTRIBUTION IN GREECE: **Dodecanese.**

GENERAL DISTRIBUTION: Endemic to Greece.

***Temnothorax exilis* (EMERY, 1869)**

Leptothorax exilis EMERY, 1869 a: 15.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Dodecanese, Ionian Is., mainland (Ma, Pe, St).**

NEW MATERIAL: **Crete:** Chania distr., Therisso Gorge S of Chania, 128 m, 35°28' N/23°59' E, 1 V 2011, 320 m, 35°26' N/23°59' E, 1 V 2011, leg. LB; Chania distr., Kato Daratso n. Chania, 10-15 m, 35°30' N/23°59' E, 6 V 2011, 10-25 m, 35°30' N/23°58' E, 6-7 V 2011, leg. LB.

GENERAL DISTRIBUTION: Croatia; France: Corsica, mainland; Georgia; Italy: mainland, Sardinia, Sicily; Macedonia; Malta; Serbia; Slovenia; Spain: mainland; Tunisia; Turkey.

COMMENTS: In LEGAKIS' (2011) checklist noted under names *Temnothorax creticus* (FOREL), *T. darii* (FOREL) and *T. exilis* (EMERY).

***Temnothorax flavicornis* (EMERY, 1870)**

Leptothorax flavicornis EMERY, 1870: 197.

DISTRIBUTION IN GREECE: **new to Greece.**

NEW MATERIAL: **Macedonia:** Halkidiki, Metamorfosi-Metangisi rd., 335 m, 40°14' N/23°36' E, 27 VIII 2009, leg. LB.

GENERAL DISTRIBUTION: Croatia; Italy: mainland; Macedonia; Serbia; Slovenia; Switzerland.

***Temnothorax graecus* (FOREL, 1911)**

Leptothorax bulgaricus subsp. *graecus* FOREL, 1911 a: 336.

DISTRIBUTION IN GREECE: **Cyclades, Dodecanese, Ionian Is., mainland (Pe, St).**

NEW MATERIAL: **Macedonia:** Pieria distr., Olympus Mts., Leptokaria-Karia rd., 322 m, 40°02.240 N/22°31.456 E, 2 IX 2012, leg. LB; Pieria distr., Pieria Mts., Ritini-Ela-tochori rd., 748 m, 40°18.156 N/22°15.979 E, 3 IX 2012, leg. LB; **Thessaly:** Larissa distr., Ossa Mts., Ag. Dimitrios Mon. n. Stomio, 162 m, 39°51.544 N/22°44.418 E, 8 IX 2012, leg. LB

GENERAL DISTRIBUTION: Bulgaria; Croatia; Macedonia; Serbia; Turkey.

***Temnothorax interruptus* (SCHENCK, 1852)**

Myrmica interrupta SCHENCK, 1852: 106.

DISTRIBUTION IN GREECE: **Ionian Is., mainland (Ma, Th).**

NEW MATERIAL: **Thessaly:** Larissa distr., Ossa Mts., Spilia vic., 822 m, 39°48.029 N/22°38.952 E, 6 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Austria; Belgium; Bosnia and Hercegovina; Britain; Bulgaria; Croatia; Czech Rep.; Finland; France: Corsica, mainland; Germany; Hungary; Italy: mainland, Sicily; Macedonia; Montenegro; Norway; Poland; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey.

***Temnothorax lichtensteini* (BONDROIT, 1918)**

Leptothorax lichtensteini Bondroit, 1918: 123.

DISTRIBUTION IN GREECE: **recorded generally from Greece.**

GENERAL DISTRIBUTION: Bulgaria; Croatia; France Corsica, mainland; Italy: mainland, Sardinia; Liechtenstein; Macedonia; Serbia; Spain: Balears, mainland; Switzerland; Tunisia.

***Temnothorax luteus* (FOREL, 1874)**

Leptothorax tuberum r. *luteus* FOREL, 1874: 85.

DISTRIBUTION IN GREECE: **Dodecanese, mainland (St).**

GENERAL DISTRIBUTION: Austria; Bosnia and Hercegovina; France: Corsica, mainland; Israel; Italy: mainland, Sicily; Spain: mainland; Switzerland; Turkey.

***Temnothorax niger* (FOREL, 1894)**

Leptothorax tuberum r. *niger* FOREL, 1894 a: 42.

DISTRIBUTION IN GREECE: **Crete**.

GENERAL DISTRIBUTION: France: Corsica, mainland; Israel; Italy: mainland; Spain: mainland.

***Temnothorax nigriceps* (MAYR, 1855)**

Leptothorax nigriceps MAYR, 1855: 441.

DISTRIBUTION IN GREECE: **mainland (Ma, Pe)**.

GENERAL DISTRIBUTION: Austria; Belgium; Bosnia and Hercegovina; Bulgaria; Croatia; Czech Rep.; France: Corsica, mainland; Georgia; Germany; Hungary; Italy: mainland; Luxembourg; Macedonia; Montenegro; Poland; Romania; Serbia; Slovakia; Slovenia; Spain: mainland; Switzerland; Turkey.

***Temnothorax nitidiceps* (DALLA TORRE, 1893)**

Leptothorax interruptus var. *nitidiceps* DALLA TORRE, 1893: 124 (= *Leptothorax tuborum* r. *interruptus* var. *nitidiceps* FOREL, 1890 a: 74 unavailable name).

DISTRIBUTION IN GREECE: **Ionian Is.**

GENERAL DISTRIBUTION: Algeria; Morocco; Tunisia.

COMMENTS: Its occurrence in Greece needs confirmation.

***Temnothorax parvulus* (SCHENCK, 1852)**

Myrmica parvula SCHENCK, 1852: 103.

DISTRIBUTION IN GREECE: **Cyclades, Dodecanese, mainland**.

GENERAL DISTRIBUTION: Armenia; Austria; Belgium; Bulgaria; Croatia; Czech Rep.; France: Corsica; France: mainland; Georgia; Germany; Gibraltar; Hungary; Iran; Italy: mainland, Sardinia; Macedonia; Moldova; Montenegro; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Switzerland; Turkey; Ukraine.

***Temnothorax recedens* (NYLANDER, 1856)**

Myrmica recedens NYLANDER, 1856: 94.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Dodecanese, Ionian Is., mainland (Ma, Pe, St, Th)**.

NEW MATERIAL: **Crete**: Chania distr., Therisso Gorge S of Chania, 360 m, 35°26' N/23°59' E, 1 V 2011, leg. LB; Chania, Diktamos Gorge n. Stilos, 160 m, 35°26' N/24°06' E, 4 V 2011, leg. LB; Chania distr., Tzitzifes n. Vrises, 264 m, 35°21' N/24°09' E, 5 V 2011, leg. LB.

GENERAL DISTRIBUTION: Armenia; Bulgaria; Croatia; Cyprus; France: Corsica, mainland; Georgia; Gibraltar; Israel; Italy: mainland, Sardinia, Sicily; Macedonia; Malta; Morocco; Portugal; Serbia; Spain: Balears, mainland; Switzerland; Tunisia; Turkey.

COMMENTS: In LEGAKIS' (2011) checklist noted under names *Temnothorax recedens* (NYLANDER) and *T. rogeri* (EMERY). This species is very variable geographically as well as locally and needs a detailed study based on molecular data.

***Temnothorax rottenbergi* (EMERY, 1870)**

Macromischa rottenbergii EMERY, 1870: 199.

DISTRIBUTION IN GREECE: **Aegean Is.**

GENERAL DISTRIBUTION: Algeria; Bosnia and Hercegovina; Croatia; Israel; Italy: mainland, Sardinia, Sicily; Macedonia; Montenegro; Serbia; Spain: Canary Is., mainland; Tunisia; Turkey.

***Temnothorax rougeti* (BONDROIT, 1918)**

Leptothorax cordieri var. *rougeti* BONDROIT, 1918: 127.

DISTRIBUTION IN GREECE: **mainland (Ma).**

GENERAL DISTRIBUTION: France: mainland.

COMMENTS: Its occurrence in Greece needs confirmation.

***Temnothorax saxonicus* (SEIFERT, 1995)**

Leptothorax sordidulus saxonicus SEIFERT, 1995: 14.

DISTRIBUTION IN GREECE: **mainland (Ep, Ma, St).**

NEW MATERIAL: **Macedonia:** Pieria distr., Pieria Mts., Ritini-Elatochori rd., 748 m, 40°18.156 N/22°15.979 E, 3 IX 2012, leg. LB; Pieria distr., Pieria Mts., 4.5 km N of Elatochori, 762 m, 40°21.569 N/22°15.532 E, 3 IX 2012, leg. LB; **Thessaly:** Larissa distr., Ossa Mts., Ag. Dimitrios Mon. n. Stomio, 162 m, 39°51.544 N/22°44.418 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Austria; Bulgaria; Czech Rep.; France: mainland; Germany; Hungary; Montenegro; Poland; Slovakia.

***Temnothorax semiruber* (ANDRÉ, 1881)**

Leptothorax rottenbergi var. *semiruber* ANDRÉ, 1881 c: 72.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, mainland (Ma, St, Th).**

NEW MATERIAL: **Crete**: Chania distr., Omalos Plateau, 1034 m, 35°20' N/23°53' E, 3 V 2011, leg. LB; **Macedonia**: Halkidiki, Holomontas, n. Arnea, 703 m, 40°28' N/23°34' E, 1 IX 2009, leg. LB; **Thessaly**: Larissa distr., Ossa Mts., Spilia vic., 822 m, 39°48.029 N/22°38.952 E, 6 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Bulgaria; Israel; Lebanon; Macedonia; Serbia; Turkey.

COMMENTS: In LEGAKIS' (2011) checklist noted under names *Temnothorax balcanicus* (SANTSCHI), *T. galatica* (SANTSCHI) and *T. semiruber* (ANDRÉ).

Temnothorax solerii (MENOZZI, 1936)

Leptothorax (*Temnothorax*) *solerii* MENOZZI, 1936: 291.

DISTRIBUTION IN GREECE: **Dodecanese, mainland (St).**

GENERAL DISTRIBUTION: Italy: mainland.

COMMENTS: its occurrence in Greece needs confirmation.

Temnothorax sordidulus (MÜLLER, 1923)

Leptothorax sordidulus MÜLLER, 1923: 96.

DISTRIBUTION IN GREECE: **new to Greece.**

NEW MATERIAL: **Macedonia**: Pieria distr., Pieria Mts., Ritini-Elatochori rd., 748 m, 40°18.156 N/22°15.979 E, 3 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Austria; Bosnia and Hercegovina; Bulgaria; Croatia; Hungary; Italy: mainland; Montenegro; Serbia; Slovenia; Turkey.

Temnothorax specularis (EMERY, 1916)

Leptothorax exilis var. *specularis* EMERY, 1916: 174 (= *Leptothorax tuborum* ssp. *exilis* var. *specularis* EMERY, 1898 unavailable name).

DISTRIBUTION IN GREECE: **Crete.**

NEW MATERIAL: **Crete**: Chania distr., Sfakia, 3 km S Askifou, 750 m, 35°16' N/24°10' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Khora Sfakion, 6 m, 35°12' N/24°08' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Omalos Plateau, 1034 m, 35°20' N/23°53' E, 3 V 2011, leg. LB; Chania distr., Kato Daratso n. Chania, 10-15 m, 35°30' N/23°59' E, 6 V 2011, 10-25 m, 35°30' N/23°58' E, 6-7 V 2011, 20-25 m, 35°30' N/23°58' E, 7 V 2011, leg. LB.

DISTRIBUTION: France: Corsica; Gibraltar; Italy: mainland, Sardinia; Libya; Portugal; Spain: Balears, mainland.

COMMENTS: From Crete recorded under synonymic name *Leptothorax exilis* subsp. *creticus* FOREL.

***Temnothorax tuberum* (FABRICIUS, 1775)**

Formica tuberum FABRICIUS, 1775: 393.

DISTRIBUTION IN GREECE: **Ionian Is., mainland (Ma, Pe).**

NEW MATERIAL: **Crete:** Chania distr., Agia, 6 km SW of Chania, 22 m, 35°28' N/23°55' E, 3 V 2011, leg. LB; Chania distr., Kato Daratso n. Chania, 10-15 m, 35°30' N/23°59' E, 6 V 2011, leg. LB; **Thessaly:** Larissa distr., Ossa Mts., Spilia vic., 822 m, 39°48.029 N/22°38.952 E, 6 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Armenia; Austria; Belarus; Belgium; Bulgaria; Croatia; Czech Rep.; Denmark; Estonia; France: mainland; Georgia; Germany; Hungary; Italy: mainland, Sardinia, Sicily; Latvia; Lithuania; Luxembourg; Macedonia; Moldova; Montenegro; Netherlands; Norway; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

COMMENTS: In LEGAKIS' (2011) checklist noted under names *Temnothorax melanocephalus* (EMERY) and *T. tuberum* (F.).

***Temnothorax turcicus* (SANTSCHI, 1934)**

Leptothorax turcicus SANTSCHI, 1934: 278.

DISTRIBUTION IN GREECE: **new to Greece.**

NEW MATERIAL: **Macedonia:** Halkidiki, Holomontas, n. Taxiarchis, 594 m, 40°24' N/23°31' E, 30 VIII 2009, leg. LB; Pieria distr., Pieria Mts., Ritini-Elatochori rd., 748 m, 40°18.156 N/22°15.979 E, 3 IX 2012, leg. LB; **Thessaly:** Larissa distr., Ossa Mts., Stomio-Karitsa rd., 137 m, 39°51.466 N/22°44.822 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Hungary; Turkey.

***Temnothorax unifasciatus* (LATREILLE, 1798)**

Formica unifasciata LATREILLE, 1798: 47.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Dodecanese, Ionian Is., mainland (Ep, Ma, Pe).**

NEW MATERIAL: **Macedonia:** Halkidiki, Holomontas, n. Taxiarchis, 594 m, 40°24' N/23°31' E, 30 VIII 2009, leg. LB; Halkidiki, Holomontas, Stagira, 539 m, 40°31' N/23°44' E, 3 IX 2009, leg. LB; Halkidiki, Holomontas, Stagira-Neochori rd., 512 m, 40°31' N/23°42' E, 3 IX 2009, leg. LB; Pieria distr., Pieria Mts., Ritini-Elatochori rd., 748 m, 40°18.156 N/22°15.979 E, 3 IX 2012, leg. LB; **Thessaly:** Larissa distr., Ossa Mts., Stomio-Karitsa rd., 137 m, 39°51.466 N/22°44.822 E, 8 IX 2012, leg. LB; Larissa distr., Ossa Mts., Ag. Dimitrios Mon. n. Stomio, 162 m, 39°51.544 N/22°44.418 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Armenia; Austria; Azores; Belarus; Belgium; Bosnia and Hercegovina; Bulgaria; Croatia; Czech Rep.; France: mainland; Georgia;

Germany; Hungary; Israel; Italy: mainland, Sardinia; Liechtenstein; Lithuania; Luxembourg; Macedonia; Malta; Moldova; Montenegro; Morocco; Netherlands; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: mainland; Sweden; Switzerland; Turkey; Ukraine.

COMMENTS: The Greek populations differ from the populations from Central Europe in less darkened antennal club and slightly more sculptured head, and thus their specific status needs revision based on molecular data.

***Tetramorium biskrense* FOREL, 1904**

Tetramorium caespitum var. *biskrensis* FOREL, 1904: 13.

DISTRIBUTION IN GREECE: **Aegean Is.**

GENERAL DISTRIBUTION: Algeria; Croatia; Italy: Sicily; Kuwait; Libya; Macedonia; Morocco; Oman; Saudi Arabia; Serbia; Spain: Canary Is.; Tunisia.

COMMENTS: Similarly to other taxa from the *Tetramorium caespitum* group, the taxonomic status of this species needs revision.

***Tetramorium caespitum* (LINNAEUS, 1758)**

Formica caespitum LINNAEUS, 1758: 581.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Dodecanese, Ionian Is., mainland (Ep, Ma, Pe, St).**

NEW MATERIAL: **Crete:** Chania distr., Therisso Gorge S of Chania, 128 m, 35°28' N/23°59' E, 1 V 2011, leg. LB; Chania distr., Kato Daratso n. Chania, 10-25 m, 35°30' N/23°58' E, 6-7 V 2011, leg. LB; **Macedonia:** Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 24-25 VIII 2009, leg. LB; Halkidiki, Kassandra, Siviri-Elani rd., 41 m, 40°01' N/23°25' E, 29 VIII 2009, leg. LB; Halkidiki, Kassandra, Elani, 281 m, 40°03' N/23°21' E, 28 VIII 2009, leg. LB; Halkidiki, Holomontas, Stagira, 539 m, 40°31' N/23°44' E, 3 IX 2009, leg. LB; Pieria distr., Paralia Katerini, 5 m, 40°15.842 N/22°35.774 E, 28-29 VIII 2012, leg. LB; Pieria distr., Aliko, 1-3 m, 40°22.580 N/22°37.935 E, 29 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 1, 249 m, 40°12.753 N/22°19.072 E, 7 IX 2012, leg. LB; **Stereia Ellas:** Iti Mts., Fthiotida, 2 km W Iti, 836 m, 38°44' N/22°23' E, 20-21 IV 2010, leg. J. Kalisiak; **Thessaly:** Larissa distr., Ossa Mts., Spilia vic., 822 m, 39°48.029 N/22°38.952 E, 6 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Albania; Austria; Azores; Belarus; Belgium; Bosnia and Herzegovina; Britain; Bulgaria; Croatia; Cyprus; Czech Rep.; Denmark; Estonia; Finland; France: Corsica, mainland; Georgia; Germany; Gibraltar; Hungary; Ireland; Israel; Italy: mainland, Sardinia, Sicily; Latvia; Liechtenstein; Lithuania; Luxembourg; Macedonia; Malta; Moldova; Monaco; Montenegro; Morocco; Netherlands; Northern Ireland; Norway; Poland; Portugal; Romania; Russia; Serbia; Slovakia; Slovenia; Spain: Balears, mainland; Sweden; Switzerland; Turkey; Ukraine.

COMMENTS: In LEGAKIS' (2011) checklist noted under names *Tetramorium caespitum* (L.) and *T. flavidula* EMERY, but according to the molecular studies *Tetramorium caespitum* is a group of related species, partly undescribed (SCHLICK-STEINER et al. 2006). Therefore all previous records of *T. caespitum* from Greece need confirmation. In the newly collected material we noted all specimens of *Tetramorium caespitum* complex with partly unsculptured petiole and postpetiole preserved in our collection.

***Tetramorium cf. caespitum* sp. 1**

Tetramorium caespitum subsp. *davidi* FOREL, 1911 b: 285.

DISTRIBUTION IN GREECE: **new to Greece.**

NEW MATERIAL: **Macedonia:** Pella Pref., Voras Mts., 19 km NW of Edessa, 1642 m, 40°54' N/22°01' E, 28 IV 2010, leg. J. Kalisiak; Pieria distr., Olympus Mts., Petra vic., 584 m, 40°10.651 N/22°19.800 E, 7 IX 2012, leg. LB.

GENERAL DISTRIBUTION: ?endemic to Greece.

COMMENTS: This is a distinct species of *Tetramorium caespitum* group, characterized by postpetiole with regular longitudinal rugosities. Complicated synonymy within the *T. caespitum* group prevents proper identification of this species.

***Tetramorium chefketi* FOREL, 1911**

Tetramorium caespitum var. *cheketi* FOREL, 1911 a: 332.

DISTRIBUTION IN GREECE: **Aegean Is., Ionian Is., mainland (Ma).**

NEW MATERIAL: **Macedonia:** Halkidiki, Holomontas, n. Taxiarchis, 594 m, 40°24' N/23°31' E, 30 VIII 2009, leg. LB; Halkidiki, Holomontas, n. Arnea, 514 m, 40°30' N/23°33' E, 1 IX 2009, leg. LB; Pieria distr., Paralia Katerini, 5 m, 40°15.842 N/22°35.774 E, 28-29 VIII 2012, leg. LB; Pieria distr., Aliko, 1-3 m, 40°22.580 N/22°37.935 E, 29 VIII 2012, leg. LB; Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 281 m, 40°06.268 N/22°29.876 E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 887 m, 40°06.787 N/22°28.145 E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 322 m, 40°02.240 N/22°31.456 E, 2 IX 2012, leg. LB; Pieria distr., Olympus Mts., Petra vic., 584 m, 40°10.651 N/22°19.800 E, 7 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Armenia; Bulgaria; Georgia; Iran; Macedonia; Oman; Romania; Russia; Saudi Arabia; Turkey; Ukraine; Yemen – C Asia.

Comments: LEGAKIS (2011) noted *Tetramorium forte* FOREL with note that record from Greece is doubtful. Due to the recent revision of *T. chefketi* group (CSÖSZ et al. 2007) records of *T. forte* from the eastern part of the Mediterranean Subregion concern mostly *T. chefketi* FOREL. The true *T. forte* FOREL occurs only in the western part of the Mediterranean Subregion.

***Tetramorium davidi* FOREL, 1911**

Tetramorium caespitum subsp. *davidi* FOREL, 1911 b: 285.

DISTRIBUTION IN GREECE: **Dodecanese.**

GENERAL DISTRIBUTION: Iran; Israel; Malta; Turkey.

COMMENTS: like for other taxa from *Tetramorium caespitum* group its taxonomic status needs revision.

***Tetramorium diomedum* EMERY, 1908**

Tetramorium caespitum var. *diomedeum* EMERY, 1908 e: 24.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Ionian Is., mainland (Pe).**

NEW MATERIAL: **Crete:** Rethimnon distr., 12 km E Georgioupoli, Karoti, 110 m, 35°20' N/24°21' E, 30 IV 2007, leg. L. & M.L. Borowiec; Chania distr., 6 km S of Vrises, 280 m, 35°19' N/24°12' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Sfakia, Askifou, 730 m, 35°16' N/24°10' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Therisso Gorge S of Chania, 360 m, 35°26' N/23°59' E, 1 V 2011, leg. LB; Chania distr., Kandalos-Floria rd., 588 m, 35°21' N/23°44' E, 2 V 2011, leg. LB; Chania distr., Koutsomatados-Mili rd., 308 m, 35°23' N/23°40' E, 2 V 2011, leg. LB; Chania distr., Omalos Plateau-Prases rd., 945 m, 35°20' N/23°51' E, 3 V 2011, leg. LB; Chania distr., Tzitzifes n. Vrises, 264 m, 35°21' N/24°09' E, 5 V 2011, leg. LB; **Dodecanese:** Rhodes, Kattavia-Apolakkia rd., 3 m, 36°00' N/27°45' E, 5 VII 2008, leg. LB.

GENERAL DISTRIBUTION: Bosnia and Hercegovina; Bulgaria; Croatia; Italy; Montenegro; Turkey.

COMMENTS: In LEGAKIS' (2011) checklist noted under the names *Tetramorium diomedum* EMERY and *T. laevior* MENOZZI.

***Tetramorium ferox* RUZSKY, 1903**

Tetramorium caespitum var. *ferox* RUZSKY, 1903 c: 309.

DISTRIBUTION IN GREECE: **Aegean Is., Cyclades, Dodecanese, Ionian Is., mainland (Ma).**

NEW MATERIAL: **Crete:** Rethimnon distr., 12 km E Georgioupoli, Karoti, 110 m, 35°20' N/24°21' E, 30 IV 2007, leg. L. & M.L. Borowiec; **Macedonia:** Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 322 m, 40°06.271' N/22°29.571' E, 31 VIII 2012, leg. LB; Pieria distr., Pieria Mts., 1.8 km E of Rizomata, 668 m, 40°21.371' N/22°13.886' E, 5 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Armenia; Austria; Bulgaria; Croatia; Czech Rep.; France; Corsica; Georgia; Hungary; Iran; Italy: mainland, Sardinia, Sicily; Macedonia; Malta; Montenegro; Romania; Russia; Serbia; Slovakia; Turkey; Ukraine.

COMMENTS: LEGAKIS (2011), basing on COLLINGWOOD (1993,) noted presence of *Tetramorium feroxoides* DLUSSKY & ZABELIN in Greece, but due to the recent revision of *T. ferox* group this record concerns rather *T. ferox* RUZSKY (CSÖSZ & SCHULZ 2010). Workers from the nest we found on Crete differ from the populations of continental Greece in pale colour, with completely yellow body, and head with partly reduced striation although gyne from the same nest has all characters of *T. ferox*.

***Tetramorium hippocrate* AGOSTI & COLLINGWOOD, 1987**

Tetramorium hippocratis AGOSTI & COLLINGWOOD, 1987 a: 56 (= *Tetramorium caespitum semilaeve* var. *hippocratis* EMERY, 1921: 217 unavailable name).

DISTRIBUTION IN GREECE: **Crete**.

GENERAL DISTRIBUTION: Turkey.

COMMENTS: Its taxonomic status needs revision.

***Tetramorium hungaricum* RÖSZLER, 1935**

Tetramorium caespitum ssp. *hungarica* RÖSZLER, 1935: 78.

DISTRIBUTION IN GREECE: **New to Greece**.

NEW MATERIAL: **Macedonia**: Halkidiki, Kassandra, Loutra, 22 m, 39°55' N/23°35' E, 26 VIII 2009, leg. LB; Halkidiki, Kassandra, Siviri-Elani rd., 41 m, 40°01' N/23°25' E, 29 VIII 2009, leg. LB; Halkidiki, Holomontas, Stagira, 539 m, 40°31' N/23°44' E, 3 IX 2009, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 322 m, 40°02.240 N/22°31.456 E, 2 IX 2012, leg. LB; Pieria distr., Pieria Mts., Aliakomonas Lake n. Sfikia, 88 m, 40°24.869 N/22°11.709 E, 5 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 1, 249 m, 40°12.753 N/22°19.072 E, 7 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 2, 386 m, 40°12.031 N/22°19.010 E, 7 IX 2012, leg. LB; **Thessaly**: Larissa distr., Ossa Mts., Omoli-Stomio rd. loc. 2, 84 m, 39°52.249 N/22°41.859 E, 8 IX 2012, leg. LB.

DISTRIBUTION: Austria; Bulgaria; Czech Rep.; Hungary; Romania; Slovakia; Turkey; Ukraine.

***Tetramorium lucidulum* MENOZZI, 1933**

Tetramorium punicum var. *lucidulum* MENOZZI, 1933: 69 (= *Tetramorium caespitum punicum* var. *lucidula* EMERY, 1909: 704 unavailable name).

DISTRIBUTION IN GREECE: **Crete, Cyclades, mainland (Ma, Tr)**.

NEW MATERIAL: **Crete**: Chania distr., Koutsomatados-Mili rd., 308 m, 35°23' N/23°40' E, 2 V 2011, leg. LB.

GENERAL DISTRIBUTION: Israel; Macedonia; Serbia and Montenegro; Syria; Turkey.

***Tetramorium meridionale* EMERY, 1870**

Tetramorium meridionale EMERY, 1870: 198.

DISTRIBUTION IN GREECE: **Dodecanese.**

GENERAL DISTRIBUTION: Bulgaria; France: Corsica, mainland; Israel; Italy: mainland, Sardinia; Malta; Spain: Balears, mainland.

***Tetramorium moravicum* KRATOCHVÍL, 1941**

Tetramorium moravicum KRATOCHVÍL, 1941: 86.

DISTRIBUTION IN GREECE: **Crete, mainland (Ep, Pe, Th).**

NEW MATERIAL: **Macedonia:** Halkidiki, Holomontas n. Arnea, 703 m, 40°28' N/23°34' E, 1 IX 2009, leg. LB; Halkidiki, Holomontas, Stagira-Neochori rd., 512 m, 40°31' N/23°42' E, 3 IX 2009, leg. LB; Pieria distr., Olympus Mts. Litochoro, Faragi Enipeas, 281 m, 40°06.268 N/22°29.876 E, 30 VIII 2012, leg. LB; Pieria distr., Pieria Mts., Fotina-Skotina rd., 567 m, 40°13.237 N/22°17.550 E, 1 IX 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 803 m, 39°59.426 N/22°26.341 E, 2 IX 2012, leg. LB; Pieria distr., Pieria Mts., 1.8 km E of Rizomata, 668 m, 40°21.371 N/22°13.886 E, 5 IX 2012, leg. LB; Pieria distr., Olympus Mts., Petra vic., 584 m, 40°10.651 N/22°19.800 E, 7 IX 2012, leg. LB; **Thessaly:** Larissa distr., Ossa Mts., Spilia vic., 822 m, 39°48.029 N/22°38.952 E, 6 IX 2012, leg. LB; Larissa distr., Ossa Mts., Omoli-Stomio rd. loc. 2, 84 m, 39°52.249 N/22°41.859 E, 8 IX 2012, leg. LB; Larissa distr., Ossa Mts., Stomio-Karitsa rd., 137 m, 39°51.466 N/22°44.822 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Bulgaria; Croatia; Czech Rep.; France: mainland; Georgia; Germany; Hungary; Iran; Italy: mainland; Romania; Serbia; Slovakia; Turkey; Ukraine.

***Tetramorium punctatum* SANTSCHI, 1927**

Tetramorium semilaeve var. *punctatum* SANTSCHI, 1927 a: 55.

DISTRIBUTION IN GREECE: **Aegean Is.**

GENERAL DISTRIBUTION: Italy; Sicily.

COMMENTS: Like for other taxa from *Tetramorium semilaeve* group its taxonomic status needs revision.

***Tetramorium punicum* (F. SMITH, 1861)**

Myrmica punica SMITH, 1861: 34.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Dodecanese, Ionian Is., mainland (St).**

GENERAL DISTRIBUTION: Egypt; France: Corsica; Georgia; Iran; Israel; Italy: Sicily; Libya; Spain: Canary Is., mainland; Turkey.

***Tetramorium rhodium* EMERY, 1924**

Tetramorium caespitum var. *rhodia* EMERY, 1924: 277 (= *Tetramorium caespitum caespitum* var. *rhodia* EMERY, 1915 b: 3 unavailable name).

DISTRIBUTION IN GREECE: **Dodecanese.**

GENERAL DISTRIBUTION: Cyprus; Turkey.

***Tetramorium sahlbergi* FINZI, 1936**

Tetramorium punicum var. *sahlbergi* FINZI, 1936: 182.

DISTRIBUTION IN GREECE: **Dodecanese.**

GENERAL DISTRIBUTION: Egypt; Israel.

COMMENTS: Due to the general distribution its occurrence in Greece needs confirmation.

***Tetramorium schmidtii* FOREL, 1904**

Tetramorium caespitum var. *schmidtii* FOREL, 1904: 15.

DISTRIBUTION IN GREECE: **Aegean Is.**

GENERAL DISTRIBUTION: Egypt; Israel; Macedonia; Turkey.

COMMENTS: As in other taxa in the *Tetramorium caespitum* group, its taxonomic status needs revision.

***Tetramorium semilaeve* ANDRÉ, 1883**

Tetramorium caespitum var. *semilaeve* ANDRÉ, 1883: 286.

DISTRIBUTION IN GREECE: **Aegean Is.; Crete; Cyclades; Dodecanese, Ionian Is., mainland (Ep, Ma, Pe, Tr).**

NEW MATERIAL: **Crete:** Chania distr., 6 km S of Vrises, 280 m, 35°19' N/24°12' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Sfakia, Askifou, 730 m, 35°16' N/24°10' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Sfakia, 3 km S Askifou, 750 m, 35°16' N/24°10' E, 1 V 2007, leg. L. & M.L. Borowiec; Chania distr., Therisso Gorge S of Chania, 320 m, 35°26' N/23°59' E, 1 V 2011, leg. LB; Chania distr., Koutsomatados-Mili rd., 308 m, 35°23' N/23°40' E, 2 V 2011, leg. LB; Chania distr., Kandanos-Floria rd., 588 m, 35°21' N/23°44' E, 2 V 2011, leg. LB; Chania distr., Omalos Plateau-Prases rd., 945 m, 35°20' N/23°51' E, 3 V 2011, leg. LB; Chania distr., Fres n. Vrises, 173 m, 35°23' N/24°09' E, 5 V 2011, leg. LB; **Dodecanese:** Rhodes,

Kiotari, 3 m, 36°02' N/27°57' E, 2 VII 2008, leg. LB; Rhodes, 1 km W of Kattavia, 39 m, 35°57' N/27°44' E, 5 VII 2008, leg. LB; Rhodes, Kattavia-Apolakkia rd., 3 m, 36°00' N/27°45' E, 5 VII 2008, leg. LB; **Macedonia**: Kassandra, Loutra-N. Skioni rd., 3-10 m, 39°57' N/23°32' E, 26 VIII 2009, leg. LB; Halkidiki, Kassandra, Loutra, 22 m, 39°55' N/23°35' E, 26 VIII 2009, leg. LB; Halkidiki, Kassandra, Livadakia, 3-10 m, 39°58' N/23°33' E, 26 VIII 2009, leg. LB; Halkidiki, Kassandra, Agia Paraskevi, 213 m, 39°57' N/23°36' E, 26 VIII 2009, leg. LB; Halkidiki, Metamorfofi-Metangisi rd., 335 m, 40°14' N/23°36' E, 27 VIII 2009, leg. LB; Halkidiki, Metangisi-Ag. Nikolaos rd., 120 m, 40°17' N/23°40' E, 27 VIII 2009, leg. LB; Halkidiki, Kassandra, Siviri-Elani rd., 41 m, 40°01' N/23°25' E, 29 VIII 2009, leg. LB; Halkidiki, Holomontas, n. Arnea, 514 m, 40°30' N/23°33' E, 1 IX 2009, leg. LB; Halkidiki, Sithona, Parthenonas, 305 m, 40°07' N/23°36' E, 2 IX 2009, leg. LB; Halkidiki, Holomontas, Stagira, 539 m, 40°31' N/23°44' E, 3 IX 2009, leg. LB; Halkidiki, Agios Mamas salines, 4 m, 40°13' N/23°20' E, 4 IX 2009, leg. LB; Halkidiki, Kassandra, Siviri, 3-10 m, 40°02' N/23°21' E, 5-6 IX 2009, leg. LB; Pieria distr., Olympus Mts., Litochoro-Olympus rd., 328 m, 40°06.639 N/22°29.623 E, 30 VIII 2012, leg. LB; Pieria distr., Olympus Mts., Leptokaria-Karia rd., 322 m, 40°02.240 N/22°31.456 E, 2 IX 2012, leg. LB; Pieria distr., Pieria Mts., Aliakomonas Lake n. Sfikia, 88 m, 40°24.869 N/22°11.709 E, 5 IX 2012, leg. LB; Pieria distr., Olympus Mts., Fotina-Petra rd. loc. 1, 249 m, 40°12.753 N/22°19.072 E, 7 IX 2012, leg. LB; **Stereia Ellas**: Iti Mts., Fthiotida, 2 km W Iti, 836 m, 38°44' N/22°23' E, 20-21 IV 2010, leg. J. Kalisiak; **Thessaly**: Larissa distr., Ossa Mts., Spilia vic., 822 m, 39°48.029 N/22°38.952 E, 6 IX 2012, leg. LB; Larissa distr., Ossa Mts., Omoli-Stomio rd. loc. 2, 84 m, 39°52.249 N/22°41.859 E, 8 IX 2012, leg. LB.

GENERAL DISTRIBUTION: Algeria; Armenia; Austria; Bulgaria; Croatia; Egypt; France: mainland; Georgia; Gibraltar; Hungary; Israel; Italy: mainland, Sardinia, Sicily; Libya; Macedonia; Malta; Montenegro; Morocco; Portugal; Romania; Russia; Serbia; Spain: Balears, Canary Is., mainland; Switzerland; Tunisia; Turkey; Ukraine.

COMMENTS: in LEGAKIS' (2001) checklist noted under the names *Tetramorium galaitica* MENOZZI, *T. semilaeve* ANDRÉ and *T. siciliense* SANTSCHL. This taxon has 17 junior synonyms and is probably a complex of related species in need of revision.

***Tetramorium splendens* RUZSKY, 1902**

Tetramorium caespitum var. *splendens* RUZSKY, 1902 b: 33.

DISTRIBUTION IN GREECE: **Aegean Is., Crete, Cyclades, Ionian Is., mainland (Ma, Pe, St, Th).**

GENERAL DISTRIBUTION: Croatia; Russia (Caucasus); Turkey.

COMMENTS: As in other taxa in the *Tetramorium caespitum* group, its taxonomic status needs revision.

DISCUSSION

The ant fauna of the Balkan region is poorly known. Although a regional monograph and a checklist of the ants of Bulgaria (ATANASSOV & DLUSSKIJ 1992, LAPEVA-GJONOVA et al. 2010), checklists for Croatia (BRAČKO 2006) Greece (LEGAKIS 2011), Bosnia and Hercegovina (VESNIĆ 2011), and Turkey (KIRAN & KARAMAN 2012) and a monographic review of ants of Serbia and Montenegro (PETROV 2006) have been published recently, much of the faunistic data from these catalogues is not credible due to problematic taxonomy within several genera of European ants and existence of many infraspecific names of unclear status. In a lack of recent keys and regional monographs, most regional studies relied on the classical papers on the Balkan ants by AGOSTI and COLLINGWOOD (1987 a, b). These papers introduced nomenclatorial changes without discussion and are now outdated, including misinterpretations of various taxa. In the last 25 years several important papers on the taxonomy of European ants have been published, many new species have been described (several of them also from Balkan region), and the names of some widely distributed species have been subject to reinterpretation (e.g. SEIFERT 1988, 1991, 1992, 2000, 2007, CSŐSZ & SEIFERT 2003, CSŐSZ & MARKÓ 2004, SCHLICK-STEINER et al. 2006 a, b, CSŐSZ et al. 2007, CSŐSZ & SCHULZ 2010, RADCHENKO & ELMES 2010). Therefore, the AGOSTI and COLLINGWOOD (1987 a, b) papers are of less value now, and can cause errors in identification and interpretation of geographic distribution of many species. Among the checklists mentioned above, the lists for Bulgaria, Croatia and Turkey represent the most critical approach. The checklist for Bosnia and Hercegovina uses several invalid names, and one of the species is mentioned twice (*Manica rubida* have been placed in the genus *Manica* and again in the genus *Myrmica*). LEGAKIS'

Table 1. Number of species of Formicidae recorded from various countries of the Balkan region

Country	Number of species
Greece	291
Turkey	286 (+ 20 ssp.)
Serbia	178
Bulgaria	163
Croatia	141
Macedonia	108
Montenegro	104
Bosnia and Hercegovina	85
Albania	64

(2011) checklist of Greece is based mostly on literature data and many taxa have been included without critical discussion. PETROV's recent (2006) contribution superficially appears to be the most complete one, including a key to species and biological data for the most common species taxa, but the key is mostly translated and only slightly modified from AGOSTI and COLLINGWOOD (1987 a). Additionally, PETROV's checklist of species is a simple compilation of literature data and mostly based on the outdated 1987 work. In a Table 1 we give a number of species known from various countries of the Balkan region based on regional checklists noted in introductory part and our unpublished data. The reader has to keep in mind that approximately 15% of taxa recorded from this part of Europe need taxonomic re-interpretation and revision based on both morphological and molecular studies. Greece is currently the country with the highest number of ant species recorded but, in our opinion, the relatively poorly known ant fauna of Turkey is probably more species-rich. The number of species of ants is partly correlated with the size of the country but countries with large mediterranean areas have the faunas richer in species than countries of predominantly mountainous areas. At present, 21 out of 291 species recorded from Greece are known only from this country but probably the true number of endemic species is lower due to poorly known fauna of some neighbouring countries, especially Turkey.

ACKNOWLEDGEMENTS

We would like to thank Jacek KALISIAK for the Formicidae material collected in Greece. Special thanks to Marek L. BOROWIEC for his help in the field work, literature data, and comments to the manuscript.

REFERENCES

- AGOSTI D., COLLINGWOOD C. A. 1987 a. A provisional list of the Balkan ants (Hym. Formicidae) and a key to the worker caste. I. Synonymic list. Mitteilungen der Schweizerischen Entomologischen Gesellschaft **60**: 51-62.
- AGOSTI D., COLLINGWOOD C. A. 1987 b. A provisional list of the Balkan ants (Hym. Formicidae) with a key to the worker caste. II. Key to the worker caste, including the European species without the Iberian. Mitteilungen der Schweizerischen Entomologischen Gesellschaft **60**: 261-293.
- ANDRÉ E. 1881 a. [Untitled. *Monomorium Abeillei*, n. sp.]. P. 531 in: EMERY „C. Viaggio ad Assab nei Mar Rosso dei Signori G. Doria ed O. Beccari con il R. Avviso “Esploratore” dal 16 Novembre 1879 al 26 Febbraio 1880. I. Formiche. Annali del Museo Civico di Storia Naturale **16**: 525-535.
- ANDRÉ E. 1881 b. [Untitled. Introduced by: “M. Ernest André, de Gray, adresse les descriptions de trois nouvelles espèces de Fourmis”]. Bulletin Bimensuel de la Société Entomologique de France **1881**: 60-62.
- ANDRÉ E. 1881 c. Catalogue raisonné des Formicides provenant du voyage en Orient de M. Abeille de Perrin et description des espèces nouvelles. Annales de la Société Entomologique de France (6)(1): 53-78.
- ANDRÉ E. 1883. Les fourmis. [concl.]. Pp. 345-404 in: ANDRÉ., Edm. 1881-1886. Species des Hyménoptères d'Europe & d'Algérie. Tome Deuxième. Beaune: Edmond ANDRÉ, 919 + 48 pp.
- ANDRÉ E. 1896. Description d'une nouvelle fourmi de France (Hymén.). Bulletin de la Société Entomologique de France 1896: 367-368.
- ARNOLDI K. V. 1930. Studien über die Systematik der Ameisen. VI. Eine neue parasitische Ameise, mit Bezugnahme auf die Frage nach der Entstehung der Gattungsmerkmale bei den parasitären Ameisen. Zoologischer Anzeiger **91**: 267-283.

- ARNOLDI K. V. 1977. Review of the harvester ants of the genus *Messor* (Hymenoptera, Formicidae) in the fauna of the USSR. [In Russian.]. Zoologicheskii Zhurnal **56**: 1637-1648.
- ATANASSOV N., DLUSSKIJ G. 1992. Fauna Bulgarica. 22. Hymenoptera, Formicidae. Bulgarian Academy of Sciences, Sofia, 310 pp.
- BARONI URBANI C. 1968. Studi sulla mirmecofauna d'Italia. IV. La fauna mirmecologica delle isole Maltesi ed il suo significato ecologico e biogeografico. Annali del Museo Civico di Storia Naturale "Giacomo Doria" **77**: 408-559.
- BARONI URBANI C. 1969. Gli *Strongylognathus* del gruppo *huberi* nell'Europa occidentale: saggio di una revisione basata sulla casta operaia (Hymenoptera Formicidae). Bollettino della Società Entomologica Italiana **99-101**: 132-168.
- BOLTON B. 1987. A review of the *Solenopsis* genus-group and revision of Afrotropical *Monomorium* MAYR, (Hymenoptera: Formicidae). Bulletin of the British Museum (Natural History). Entomology **54**: 263-452.
- BOLTON B. 1995. A new general catalogue of the ants of the world. Cambridge, Mass.: Harvard University Press, 504 pp.
- BOLTON B., ALPER G., WARD P. S., NASKRECKI P. 2006. BOLTON's Catalogue of Ants of the World: 1758-2005. Harvard University Press, CD edition.
- BONDROIT J. 1917. Diagnoses de trois nouveaux *Formica* d'Europe (Hym.). Bulletin de la Société Entomologique de France **1917**: 186-187.
- BONDROIT J. 1918. Les fourmis de France & de Belgique. Annales de la Société Entomologique de France **87**: 1-174.
- BONDROIT J. 1920 [1919]. Notes diverses sur des fourmis d'Europe. Annales de la Société Entomologique de Belgique **59**: 143-158.
- BRAČKO G. 2006. Review of the ant fauna (Hymenoptera: Formicidae) of Croatia. Acta Entomologica Slovenica **14**: 131-156.
- BROWN W. L., Jr. 1953. Revisionary studies in the ant tribe Dacetini. American Midland Naturalist **50**: 1-137.
- BRULLÉ G. A. 1833 [1832]. Expédition scientifique de Morée. Section des sciences physiques. Tome III. Partie 1. Zoologie. Deuxième section - Des animaux articulés. [part]. Paris: Levrault, pp. 289-336.
- BUSCHINGER A. 1989. Workerless *Epimyrma kraussei* EMERY 1915, the first parasitic ant from Crete. Psyche, **96**: 69-74.
- COLLINGWOOD C. A. 1993. A comparative study of the ant fauna of five Greek islands. Biologia Gallo-Hellenica **20**: 191-197.
- CSÖSZ S., MARKÓ B. 2004. Redescription of *Tetramorium hungaricum* RÖSZLER, 1935, a related species of *T. caespitum* (LINNAEUS, 1758) (Hymenoptera: Formicidae). Myrmecologische Nachrichten **6**: 49-59.
- CSÖSZ S., SCHULZ A. 2010. A taxonomic review of the Palaearctic *Tetramorium ferox* species-complex (Hymenoptera, Formicidae). Zootaxa **2401**: 1-29.
- CSÖSZ S., SEIFERT B. 2003. *Ponera testacea* EMERY, 1895 stat. n. - a sister species of *P. coarctata* (LATREILLE, 1802) (Hymenoptera: Formicidae). Acta Zoologica Academiae Scientiarum Hungaricae **49**: 201-214.
- CSÖSZ S., RADCHENKO A., SCHULZ A. 2007. Taxonomic revision of the Palaearctic *Tetramorium chefketi* species complex (Hymenoptera: Formicidae). Zootaxa **1405**: 1-38.
- DALLA TORRE K. W. von. 1893. Catalogus Hymenopterorum hucusque descriptorum systematicus & synonymicus. Vol. 7. Formicidae (Heterogyna). Leipzig: W. Engelmann, 289 pp.
- DLUSSKY G. M. 1969. Ants of the genus *Proformica* RUZS. of the USSR and contiguous countries (Hymenoptera, Formicidae). [In Russian.]. Zoologicheskii Zhurnal **48**: 218-232.
- DLUSSKY G. M., ZABELIN S. I. 1985. Ant fauna (Hymenoptera, Formicidae) of the River Sumbar Basin (south-west Kopetdag). Pp. 208-246 in: NECHAEVAYA, N. T. (ed.) The vegetation and animal world of western Kopetdag. Ashkhabad: Ylym, 278 pp.
- DOUWES P., JESSEN K., BUSCHINGER A. 1988. *Epimyrma adlerzi* sp. n. (Hymenoptera: Formicidae) from Greece: morphology and life history. Entomologica Scandinavica **19**: 239-249.
- ELMES G. W., RADCHENKO A. G., AKTAÇ N. 2002. Four new *Myrmica* species (Hymenoptera: Formicidae) from Turkey. Annales Zoologici (Warsaw) **52**: 157-171.

- EMERY C. 1869 a. Enumerazione dei formicidi che rinvenngonsi nei contorni di Napoli con descrizioni di specie nuove o meno conosciute. *Annali dell'Accademia degli Aspiranti Naturalisti. Secunda Era* **2**: 1-26.
- EMERY C. 1869 b. *Formicidarum italicorum species duae novae*. *Bullettino della Società Entomologica Italiana* **1**: 135-137.
- EMERY C. 1870. Studi mirmecologici. *Bullettino della Società Entomologica Italiana* **2**: 193-201.
- EMERY C. 1875 [1876]. Ueber hypogaeische Ameisen. *Stettiner Entomologische Zeitung* **37**: 71-76.
- EMERY C. 1878. Catalogo delle formiche esistenti nelle collezioni del Museo Civico di Genova. Parte seconda. Formiche dell'Europa e delle regioni limitrofe in Africa e in Asia. [concl.]. *Annali del Museo Civico di Storia Naturale* **12**: 44-59.
- EMERY C. 1881. Viaggio ad Assab nel Mar Rosso dei Signori G. Doria ed O. Beccari con il R. Avviso "Esploratore" dal 16 novembre 1879 al 26 febbraio 1880. I. Formiche. *Annali del Museo Civico di Storia Naturale* **16**: 525-535.
- EMERY C. 1893. Voyage de M. E. Simon à l'île de Ceylan (janvier-février 1892). Formicides. Appendice: Formicides de l'île d'Aden. *Annales de la Société Entomologique de France* **62**: 239-258.
- EMERY C. 1894 a. Alcune formiche dell'isola di Creta. *Bullettino della Società Entomologica Italiana. Resocónti di Adunanze* **26**: 7-10.
- EMERY C. 1894 b. Viaggio del Dott. E. Festa in Palestina, nel Libano e regioni vicine. XI. Descrizione di un nuovo *Camponotus*. *Bollettino dei Musei di Zoologia ed Anatomia Comparata della Reale Università di Torino* **9**(1 185): 1-2.
- EMERY C. 1895. Sopra alcune formiche della fauna mediterranea. *Memorie della Reale Accademia delle Scienze dell'Istituto di Bologna* (5)5: 291-307 + pl. (separates 59-75).
- EMERY C. 1898. Beiträge zur Kenntniss der palaearktischen Ameisen. *Öfversigt af Finska Vetenskaps-Societetens Förhandlingar* **20**: 124-151.
- EMERY C. 1901. Spicilegio mirmecologico. *Bullettino della Società Entomologica Italiana* **33**: 57-63.
- EMERY C. 1908 a. Beiträge zur Monographie der Formiciden des paläarktischen Faunengebietes. *Deutsche Entomologische Zeitschrift* **1908**: 165-205.
- EMERY C. 1908 b. Beiträge zur Monographie der Formiciden des paläarktischen Faunengebietes. (Hym.) Teil III. *Deutsche Entomologische Zeitschrift* **1908**: 437-465.
- EMERY C. 1908 c. Beiträge zur Monographie der Formiciden des paläarktischen Faunengebietes. (Hym.) Teil IV. Parasitische und Gast-Myrmicinen mit Ausnahme von *Strongylognathus*. *Deutsche Entomologische Zeitschrift* **1908**: 549-558.
- EMERY C. 1908 d. Beiträge zur Monographie der Formiciden des paläarktischen Faunengebietes. (Hym.) Teil V. *Deutsche Entomologische Zeitschrift* **1908**: 663-686.
- EMERY C. 1908 e. [Untitled. Descriptions of new taxa: *Tetramorium caespitum* var. *diomedea* EMERY, nova varietas; *Strongylognathus huberi* For., subsp. *rehbinderi* For., var. *cecconii* EMERY, nova varietas.]. P. 24 in: CECCONI, G. Contributo alla fauna delle Isole Tremiti. *Bollettino dei Musei di Zoologia ed Anatomia Comparata della Reale Università di Torino* **583**: 1-53.
- EMERY C. 1909. Beiträge zur Monographie der Formiciden des paläarktischen Faunengebietes. (Hym.) Teil IX. *Deutsche Entomologische Zeitschrift* **1909**: 695-712.
- EMERY C. 1914c. Wissenschaftliche Ergebnisse der Bearbeitung von O. Leonhard's Sammlungen. 5. Südeuropäische Ameisen (Hym.). *Entomologische Mitteilungen* **3**: 156-159
- EMERY C. 1915 a. Contributo alla conoscenza delle formiche delle isole italiane. Descrizione di forme mediterranee nuove o critiche. *Annali del Museo Civico di Storia Naturale* **46**: 244-270.
- EMERY C. 1915 b. Escursioni zoologiche del Dr. Enrico Festa nell'Isola di Rodi. XII. Formiche. *Bollettino dei Musei di Zoologia ed Anatomia Comparata della Reale Università di Torino* **30**: 1-7.
- EMERY C. 1916. Formiche d'Italia nuove o critiche. Rendiconti delle Sessioni della Reale Accademia delle Scienze dell'Istituto di Bologna. Classe di Scienze Fisiche (n.s.) **20**: 53-66.
- EMERY C. 1920. Studi sui *Camponotus*. *Bullettino della Società Entomologica Italiana* **52**: 3-48.
- EMERY C. 1921. Formiche raccolte a Budrum (Anatolia) da Raffaele Varriale, Cap. medico nella R. Marina. *Annali del Museo Civico di Storia Naturale "Giacomo Doria"* **49**: 208-218.
- EMERY C. 1922. Il genere *Lasius* (F.) MAYR, e particolarmente le forme mediterranee del gruppo *umbratus* Nyl. *Bollettino della Società Entomologica Italiana* **54**: 9-15.
- EMERY, C. 1924 [1922]. Hymenoptera. Fam. Formicidae. Subfam. Myrmicinae. [concl.]. *Genera Insectorum* **174C**: 207-397.

- EMERY C. 1925. Revision des espèces paléarctiques du genre *Tapinoma*. Revue Suisse de Zoologie **32**: 45-64.
- FABRICIUS J. C. 1775. Systema entomologiae, sistens insectorum classes, ordines, genera, species adiectis synonymis, locis, descriptionibus, observationibus. Flensburgi & Lipsiae [= Flensburg and Leipzig]: Korte, 832 pp.
- FABRICIUS J. C. 1782 [1781]. Species insectorum exhibentes eorum differentias specificas, synonyma, auctorum loca natalia, metamorphosin adiectis observationibus, descriptionibus. Tome I. Hamburgi & Kilonii [= Hamburg and Kiel]: C. E. Bohn, 552 pp.
- FABRICIUS J. C. 1787. Mantissa insectorum sistens eorum species nuper detectas adiectis characteribus, genericis, differentiis, specificis, emendationibus, observationibus. Tome I. Hafniae [= Copenhagen]: C. G. Proft, 348 pp.
- FABRICIUS J. C. 1793. Entomologia systematica emendata & aucta. Secundum classes, ordines, genera, species, adiectis synonymis, locis observationibus, descriptionibus. Tome 2. Hafniae [= Copenhagen]: C. G. Proft, 519 pp.
- FABRICIUS J. C. 1804. Systema Piezatorum secundum ordines, genera, species, adiectis synonymis, locis, observationibus, descriptionibus. Brunswick: C. Reichard, xiv + 15-439 + 30 pp.
- FINZI B. 1922 [1921]. Primo contributo alla conoscenza della fauna mirmecologica della Venezia Giulia. Bollettino della Società Entomologica Italiana **53**: 118-120.
- FINZI B. 1923. Risultati scientifici della spedizione Ravasini-Lona in Albania. III. Formiche. Bollettino della Società Entomologica Italiana **55**: 1-4.
- FINZI B. 1926. Le forme europee del genere *Myrmica* LATR. Primo contributo. Bollettino della Società Adriatica di Scienze Naturali in Trieste **29**: 71-119.
- FINZI B. 1936. Risultati scientifici della spedizione di S. A. S. il Principe Alessandro della Torre e Tasso nell'Egitto e penisola del Sinai. XI. Formiche. Bulletin. Société Entomologique d'Egypte **20**: 155-210.
- FONSCOLOMBE B. de. 1846. Notes sur huit espèces nouvelles d'Hyménoptères & de Neuroptères, trouvées aux environs d'Aix. Annales de la Société Entomologique de France (2)(4): 39-51.
- FOREL A. 1874. Les fourmis de la Suisse. Systématique, notices anatomiques & physiologiques, architecture, distribution géographique, nouvelles expériences & observations de mœurs. Neue Denkschriften der Allgemeinen Schweizerischen Gesellschaft für die Gesamten Naturwissenschaften **26**: 1-452.
- FOREL A. 1886 a. Études myrmécologiques en 1886. Annales de la Société Entomologique de Belgique **30**: 131-215.
- FOREL A. 1886 b. Nouvelles fourmis de Grèce récoltées par M. E. von Oertzen. Annales de la Société Entomologique de Belgique **30**: clix-clxviii.
- FOREL A. 1889 [1888]. Ameisen aus den Sporaden, den Cykladen und Griechenland, gesammelt 1887 von Herrn von Oertzen. Berliner Entomologische Zeitschrift **32**: 255-265.
- FOREL A. 1890. Fourmis de Tunisie et de l'Algérie orientale. Annales de la Société Entomologique de Belgique **34**: 61-76.
- FOREL A. 1892. Die Ameisenfauna Bulgariens. (Nebst biologischen Beobachtungen.). Verhandlungen der Kaiserlich-Königlichen Zoologisch-Botanischen Gesellschaft in Wien **42**: 305-318.
- FOREL A. 1893. Nouvelles fourmis d'Australie et des Canaries. Annales de la Société Entomologique de Belgique **37**: 454-466.
- FOREL A. 1894. Les Formicides de la Province d'Oran (Algérie). Bulletin de la Société Vaudoise des Sciences Naturelles **30**: 1-45.
- FOREL A. 1899. Trois notices myrmécologiques. Annales de la Société Entomologique de Belgique **43**: 303-310.
- FOREL A. 1904. Miscellanea myrmécologiques. Revue Suisse de Zoologie **12**: 1-52.
- FOREL A. 1905. Miscellanea myrmécologiques II (1905). Annales de la Société Entomologique de Belgique **49**: 155-185.
- FOREL A. 1906. Fourmis d'Asie mineure & de la Dobrudscha récoltées par M. le Dr. Oscar Vogt & Mme Cécile Vogt, Dr. méd. Annales de la Société Entomologique de Belgique **50**: 187-190.
- FOREL A. 1907. Fourmis nouvelles de Kairouan & d'Orient. Annales de la Société Entomologique de Belgique **51**: 201-208.

- FOREL A. 1910 a. Glanures myrmécologiques. Annales de la Société Entomologique de Belgique **54**: 6-32.
- FOREL A. 1910 b. Note sur quelques fourmis d'Afrique. Annales de la Société Entomologique de Belgique **54**: 421-458.
- FOREL A. 1911 a. Fourmis nouvelles ou intéressantes. Bulletin de la Société Vaudoise des Sciences Naturelles **47**: 331-400.
- FOREL A. 1911 b. Die Ameisen des K. Zoologischen Museums in München. Sitzungsberichte der Mathematischen-Physikalischen Klasse der Königlich Bayerischen Akademie der Wissenschaften zu München **11**: 249-303.
- FOREL A. 1913. Fourmis de la faune méditerranéenne récoltées par MM. U. & J. Sahlberg. Revue Suisse de Zoologie **21**: 427-438.
- FOREL A. 1914. Formicides d'Afrique & d'Amérique nouveaux ou peu connus. Bulletin de la Société Vaudoise des Sciences Naturelles **50**: 211-288.
- FÖRSTER A. 1850. Hymenopterologische Studien. 1. Formicariae. Aachen: Ernst Ter Meer, 74 pp.
- IONESCU-HIRSCH A. 2010 [2009]. An annotated list of *Camponotus* of Israel (Hymenoptera: Formicidae), with a key and descriptions of new species. Israel Journal of Entomology **39**: 57-98.
- JERDON T. C. 1851. A catalogue of the species of ants found in Southern India. Madras Journal of Literature and Science **17**: 103-127.
- KARAVAEV V. 1912. Ameisen aus dem paläarktischen Faunengebiete. Russkoe Entomologicheskoe Obozrenie **12**: 581-596.
- KARAVAEV V. 1926. Myrmekologische Fragmente. Zbirnyk Prats' Zoolohichnoho Muzeyu **1**: 47-51 [= Trudy. Ukrains'ka Akademiya Nauk. Fizichno-Matematichnoho Viddilu **4**: 65-69].
- KARAVAEV V. 1929. Myrmekologische Fragmente. II. Zbirnyk Prats' Zoolohichnoho Muzeyu **7**: 205-220 [= Trudy. Ukrains'ka Akademiya Nauk. Fizichno-Matematichnoho Viddilu **13**: 203-218].
- KARAVAEV V. 1934. The fauna of the family Formicidae (ants) of the Ukraine. Trudy Instytutu Zoolohii ta Biolohii Vseukrains'koi Akademii Nauk. Seriya 1. Pratsi z Systematyky ta Faunistyky **1934**: 1-164.
- KIRAN K., KARAMAN C. 2012. First annotated checklist of the ant fauna of Turkey (Hymenoptera: Formicidae). Zootaxa, **3548**: 1-38.
- KRATOCHVÍL J. 1941. [Untitled. New species, *Tetramorium moravicum*, attributed to KRATOCHVÍL.]. P. 86 in: Novák, V., Sadil, J. Klic k urcování mravencu střední Evropy se zvláštním zretelem k mravenci zvlíre Cech a Moravy. Entomologické Listy **4**: 65-115.
- KRAUSSE A. H. 1910. Über Stridulationstöne bei Ameisen. Zoologischer Anzeiger **35**: 523-526.
- KRAUSSE A. H. 1911 [1909]. Über *Messor structor* Ltr. und einige andere Ameisen auf Sardinien. Bullettino della Società Entomologica Italiana **41**: 14-18.
- KUTTER H. 1967 [1966]. Einige Ergebnisse weiterer Coptoformica-Studien. Insectes Sociaux **13**: 227-240.
- KUZNETSOV-UGAMSKY N. N. 1923. The ant fauna of Tashkent district. Trudy Turkestanskogo Nauchnogo Obshchestva **1**: 239-558.
- KUZNETSOV-UGAMSKY N. N. 1927. Zur Kenntnis der Gattung *Proformica* RUZSKY., Societas Entomologica. Stuttgart **42**: 26-28.
- KUZNETSOV-UGAMSKY N. N. 1929. Die Gattung *Acantholepis* in Turkestan. Zoologischer Anzeiger **82**: 477-492.
- LAPEVA-GJONOVA A., ANTONOVA V., RADCHENKO A. G., ATANASOVA M. 2010. Catalogue of the ants (Hymenoptera, Formicidae) of Bulgaria. ZooKeys **62**: 1-124.
- LATREILLE P. A. 1798. Essai sur l'histoire des fourmis de la France. Brive: F. Bourdeaux, 50 pp.
- LATREILLE P. A. 1802 a. Histoire naturelle des fourmis, et recueil de mémoires et d'observations sur les abeilles, les araignées, les faucheurs, et autres insectes. Paris: Impr. Crapelet (chez T. Barrois), xvi + 445 pp.
- LATREILLE P. A. 1802 b. Histoire naturelle générale & particulière des Crustacés & des insectes. Tome 3. Familles naturelles des genres. Paris: F. Dufart, xii + 467 pp.
- LEACH W. E. 1825. Descriptions of thirteen species of *Formica* and three species of *Culex* found in the environs of Nice. Zoological Journal. London **2**: 289-293.
- LEGAKIS A. 2011. Annotated list of the ants (Hymenoptera, Formicidae) of Greece. Hellenic Zoological Archives **7**: 1-55.

- LINNAEUS C. 1758. *Systema naturae per regna tria naturae, secundum classes, ordines, genera, species, cum characteribus, differentiis, synonymis, locis*. Tomus I. Editio decima, reformata. Holmiae [= Stockholm]: L. Salvii, 824 pp.
- LINNAEUS C. 1761. *Fauna suecica sistens animalia Sueciae regni: Mammalia, Aves, Amphibia, Pisces, Insecta, Vermes*. Editio altera, auctior. Stockholmiae [=Stockholm]: L. Salvii, 48 + 578 pp.
- LINNAEUS C. 1771. *Mantissa plantarum altera generum editionis VI & specierum editionis II*. Holmiae [= Stockholm]: Laurentii Salvii, [6] + 143-587 pp.
- LUCAS H. 1849. *Exploration scientifique de l'Algérie pendant les années 1840, 1841, 1842. Sciences physiques. Zoologie. III. Histoire naturelle des animaux articulés. Troisième partie - Insectes (Suite)*. Paris: A. Bertrand, 527 pp.
- MAYR G. 1853 a. Einige neue Ameisen. *Verhandlungen der Zoologisch-Botanischen Vereins in Wien* **2**: 143-150.
- MAYR G. 1853 b. Beschreibungen einiger neuer Ameisen. *Verhandlungen der Zoologisch-Botanischen Vereins in Wien* **3**: 277-286.
- MAYR G. 1855. *Formicina austriaca*. Beschreibung der bisher im österreichischen Kaiserstaate aufgefundenen Ameisen, nebst Hinzufügung jener in Deutschland, in der Schweiz und in Italien vorkommenden Arten. *Verhandlungen der Zoologisch-Botanischen Vereins in Wien* **5**: 273-478.
- MAYR G. 1861. *Die europäischen Formiciden*. Nach der analytischen Methode bearbeitet. Wien: C. Gerolds Sohn, 80 pp.
- MAYR G. 1868. [Untitled. Introduced by: "Bei dieser Termiten-Art fanden sich Ameisen vor, welche ich meinem Freunde Dr. MAYR, zur Untersuchung übergab. Dr. MAYR, erkannte sie als neue Art, und sendet mir folgende Beschreibung derselben: *Prenolepis braueri* MAYR.,"] P. 49 in: BRAUER, F. *Neuropteren*. In: *Reise der österreichischen Fregatte "Novara" um die Erde in der Jahren 1857, 1858, 1859. Zoologischer Theil*. Bd. II. Abt. 1A4. Wien: K. Gerold's Sohn, 107 pp.
- MAYR G. 1904. *Formiciden aus Ägypten und dem Sudan*. In: Jägerskiöld, L. A. *Results of the Swedish Zoological Expedition to Egypt and the White Nile, 1901*. Part 1 (no. 9). Uppsala: Library of the Royal University of Uppsala, 11 pp.
- MEI M. 1998. *Lasius (Cautolasius) myrmidon* n. sp.: a new hypogaecic ant from Greece (Hymenoptera Formicidae). *Bollettino della Società Entomologica Italiana* **130**: 177-182.
- MEINERT F. 1861. Bidrag til de danske Myrers Naturhistorie. *Kongelige Danske Videnskabernes Selskabs Skrifter* (5) **5**: 273-340.
- MENOZZI C. 1933. Le formiche della Palestina. *Memorie della Società Entomologica Italiana* **12**: 49-113.
- MENOZZI C. 1936. Nuovi contributi alla conoscenza della fauna delle Isole italiane dell'Egeo. VI. Hymenoptera - Formicidae. *Bollettino del Laboratorio di Zoologia Generale e Agraria della Reale Scuola Superiore d'Agricoltura*. Portici **29**: 262-311.
- MOTSCHOULSKY [Victor, T.] 1839. *Insectes du Caucase et des provinces transcaucasiennes*. Bulletin de la Société Impériale des Naturalistes de Moscou **12**: 44-68.
- MÜLLER G. 1921. Due nuove formiche della regione Adriatica. *Bollettino della Società Adriatica di Scienze Naturali in Trieste* **27**(2 2): 46-49.
- MÜLLER G. 1923. Le formiche della Venezia Giulia e della Dalmazia. *Bollettino della Società Adriatica di Scienze Naturali in Trieste* **28**: 11-180.
- NYLANDER W. 1846 a. Adnotationes in monographiam formicarum borealium Europae. *Acta Societatis Scientiarum Fennicae* **2**: 875-944.
- NYLANDER W. 1846 b. Additamentum adnotationum in monographiam formicarum borealium Europae. *Acta Societatis Scientiarum Fennicae* **22**: 1041-1062.
- NYLANDER W. 1849 [1848]. Additamentum alterum adnotationum in monographiam formicarum borealium. *Acta Societatis Scientiarum Fennicae* **3**: 25-48.
- NYLANDER W. 1856. Synopsis des Formicides de France & d'Algérie. *Annales des Sciences Naturelles, Zoologie* (4) **5**: 51-109.
- OLIVIER A. G. 1792. *Encyclopédie méthodique. Histoire naturelle. Insectes*. Tome 6. (pt. 2). Paris: Panckoucke, pp. 369-704.
- ÖZDIKMEN H. 2010. New names for some preoccupied specific and subspecific epithets in the family Formicidae (Hymenoptera). *Munis Entomology and Zoology* **5** (supplement): 986-1000.

- PANZER G. W. F. 1798. Fauna insectorum germanicae initia, oder Deutschlands Insecten. Heft 54. Nürnberg: Felssecker, 24 pp., 24 pls.
- Petrov I. 2006. The ants of Serbia and Montenegro. Posebna Izdanja. Srpska Akademija Nauka i Umetnosti **656**: 1-136. [In Serbian.].
- RADCHENKO A. G. 1989. Ants of the *Plagiolepis* genus of the European part of the USSR. Zoologicheskii Zhurnal **68**: 153-156.
- RADCHENKO A. G. 1997 a. Review of the ants of *scabriceps* group of the genus *Monomorium* MAYR, (Hymenoptera, Formicidae). Annales Zoologici (Warsaw) **46**: 211-224.
- RADCHENKO A. G. 1997 b. Review of ants of the subgenera *Tanaemyrmex*, *Colobopsis*, *Myrmamblis*, *Myrmosericus*, *Orthonotomyrmex* and *Paramyrmamblis* of the genus *Camponotus* (Hymenoptera, Formicidae) in the Asian Palearctic. [In Russian.]. Zoologicheskii Zhurnal **76**: 806-815.
- RADCHENKO A. G., ELMES G. W. 2010. *Myrmica* ants (Hymenoptera, Formicidae) of the Old World. Fauna Mundi. Natura Optima Dux Foundation, Warszawa, 789 pp.
- RETZIUS A. J. 1783. Caroli de Geer. Genera & species insectorum e generosissimi auctoris scriptis extraxit, digessit, Latine quoad partem reddidit, & terminologiam insectorum Linneanam addidit. Lipsiae [= Leipzig]: Cruse, 220 pp.
- ROGER J. 1859. Beiträge zur Kenntniss der Ameisenfauna der Mittelmeerländer. I. Berliner Entomologische Zeitschrift **3**: 225-259.
- ROGER J. 1860. Die *Ponera*-artigen Ameisen. Berliner Entomologische Zeitschrift **4**: 278-312.
- ROGER J. 1862. Beiträge zur Kenntniss der Ameisenfauna der Mittelmeerländer. II. Berliner Entomologische Zeitschrift **6**: 255-262.
- RUZSKY M. 1902 a. Neue Ameisen aus Russland. Zoologische Jahrbücher. Abteilung für Systematik, Geographie und Biologie der Tiere **17**: 469-484.
- RUZSKY M. 1902 b. Material on the ant fauna of the Caucasus and the Crimea. Protokoly Obshchestva Estestvoispytatelei pri Imperatorskom Kazanskom Universitete **206**: 1-33.
- RUZSKY M. 1903. Essay on the myrmecofauna of the Kirghiz steppe. Trudy Russkago Entomologicheskago Obshchestva **36**: 294-316.
- RUZSKY M. 1905. The ants of Russia. (Formicariae Imperii Rossici). Systematics, geography and data on the biology of Russian ants. Part I. Trudy Obshchestva Estestvoispytatelei pri Imperatorskom Kazanskom Universitete **38**: 1-800.
- SANTSCHI F. 1917 a. *Acantholepis Frauenfeldi* MAYR, et ses variétés. Bulletin de la Société d'Histoire Naturelle de l'Afrique du Nord **8**: 42-48.
- SANTSCHI F. 1917 b. Races et variétés nouvelles du *Messor barbarus* L. Bulletin de la Société d'Histoire Naturelle de l'Afrique du Nord **8**: 89-94.
- SANTSCHI F. 1919. Fourmis du genre *Bothriomyrmex* EMERY, (Systématique & mœurs). Revue Zoologique Africaine (Brussels) **7**: 201-224.
- SANTSCHI F. 1920. Cinq nouvelles notes sur les fourmis. Bulletin de la Société Vaudoise des Sciences Naturelles **53**: 163-186.
- SANTSCHI F. 1921. Notes sur les fourmis paléarctiques. II. Fourmis d'Asie Mineure récoltées par M. H. Gadeau de Kerville. Boletín de la Real Sociedad Española de Historia Natural **21**: 110-116.
- SANTSCHI F. 1923. Notes sur les fourmis paléarctiques. 4ème note. Boletín de la Real Sociedad Española de Historia Natural **23**: 133-137.
- SANTSCHI F. 1926. Travaux scientifiques de l'Armée d'Orient (1916-1918). Fourmis. Bulletin du Muséum National d'Histoire Naturelle **32**: 286-293.
- SANTSCHI F. 1927 a. A propos du *Tetramorium caespitum* L. Folia Myrmecologica et Termitologica **1**: 52-58.
- SANTSCHI F. 1927 b. Révision myrmécologique. Bulletin et Annales de la Société Entomologique de Belgique **67**: 240-248.
- SANTSCHI F. 1927 c. Revision des *Messor* du groupe *instabilis* SM. (Hymenopt.). Boletín de la Real Sociedad Española de Historia Natural **27**: 225-250.
- SANTSCHI F. 1933. Étude sur le sous-genre *Aphaenogaster* MAYR. Revue Suisse de Zoologie **40**: 389-408.
- SANTSCHI F. 1934. Fourmis d'une croisière. Bulletin et Annales de la Société Entomologique de Belgique **74**: 273-282.

- SAY T. 1836. Descriptions of new species of North American Hymenoptera, and observations on some already described. *Boston Journal of Natural History* 1: 209-305.
- SCHENCK, C. F. 1852. Beschreibung nassauischer Ameisenarten. *Jahrbuch des Vereins für Naturkunde im Herzogthum Nassau, Wiesbaden* 8: 1-149.
- SCHLICK-STEINER B. C., STEINER F. M., KONRAD H., MARKÓ B., CSÖSZ S., HELLER G., FERENCZ B., SIPOS B., CHRISTIAN E., STAUFFER C., 2006 a. More than one species of *Messor* harvester ants (Hymenoptera: Formicidae) in Central Europe. *European Journal of Entomology*, 103: 469-476.
- SCHLICK-STEINER B. C., STEINER F. M., MODER K., SEIFERT B., SANETRA M., DYRESON E., STAUFFER C., CHRISTIAN E. 2006 b. A multidisciplinary approach reveals cryptic diversity in western Palearctic *Tetramorium* ants (Hymenoptera: Formicidae). *Molecular Phylogenetics and Evolution* 40: 259-273.
- SCHULZ A. 1994 a. *Aphaenogaster graeca* nova species (Hym: Formicidae) aus dem Olymp-Gebirge (Griechenland) und eine Gliederung der Gattung *Aphaenogaster*. *Beiträge zur Entomologie* 44: 417-429.
- SCHULZ A., HEINZE J., PUSCH K. 2007. Description of two new *Temnothorax* species (Hymenoptera: Formicidae) from Italy. *Zootaxa*, 1471: 1-14.
- SCOPOLI J. A. 1763. *Entomologia carniolica exhibens insecta Carnioliae indigena & distributa in ordines, genera, species, varietates. Methodo Linnaeana. Vindobonae [=Vienna]: J. Trattner, xxxvi + 420 pp.*
- SEIFERT B. 1982. *Lasius (Chthonolasius) jensi* n. sp. - eine neue temporär sozialparasitische Erdameise aus Mitteleuropa (Hymenoptera, Formicidae). *Reichenbachia* 20: 85-96.
- SEIFERT B. 1988. A revision of the European species of the ant subgenus *Chthonolasius* (Insecta, Hymenoptera, Formicidae). *Entomologische Abhandlungen. Staatliches Museum für Tierkunde Dresden* 51: 143-180.
- SEIFERT B. 1991. *Lasius platythorax* n. sp., a widespread sibling species of *Lasius niger* (Hymenoptera: Formicidae). *Entomologia Generalis* 16: 69-81.
- SEIFERT B. 1992. A taxonomic revision of the Palearctic members of the ant subgenus *Lasius* s.str. (Hymenoptera: Formicidae). *Abhandlungen und Berichte des Naturkundemuseums Görlitz* 66(5): 1-67.
- SEIFERT B. 1995. Two new Central European subspecies of *Leptothorax nylanderi* (FÖRSTER, 1850) and *Leptothorax sordidulus* MÜLLER, 1923 (Hymenoptera: Formicidae). *Abhandlungen und Berichte des Naturkundemuseums Görlitz* 68(7): 1-18.
- SEIFERT B. 1996. *Ameisen beobachten, bestimmen*. Augsburg: Naturbuch Verlag, 351 pp.
- SEIFERT B. 2000. A taxonomic revision of the ant subgenus *Coptoformica* Mueller, 1923 (Hymenoptera, Formicidae). *Zoosystema* 22: 517-568.
- SEIFERT B. 2003. The Palearctic members of the *Myrmica schencki* group with description of a new species (Hymenoptera: Formicidae). *Beiträge zur Entomologie* 53: 141-159.
- SEIFERT B. 2007. *Die Ameisen Mittel- und Nordeuropas*. Görlitz: Lutra Verlags- und Vertriebsgesellschaft, 368 pp.
- SEIFERT B. 2012 a. Clarifying naming and identification of the outdoor species of the ant genus *Tapinoma* FÖRSTER, 1850 (Hymenoptera: Formicidae) in Europe north of the Mediterranean region with description of a new species. *Myrmecological News.*, 16: 139-147.
- SEIFERT B. 2012 b. A review of the West Palearctic species of the ant genus *Bothriomyrmex* EMERY, 1869 (Hymenoptera: Formicidae). *Myrmecological News* 17: 91-104.
- SMITH F. 1857. Catalogue of the hymenopterous insects collected at Sarawak, Borneo; Mount Ophir, Malacca; and at Singapore, by A. R. Wallace. [part]. *Journal and Proceedings of the Linnean Society of London. Zoology* 2: 42-88.
- SMITH F. 1858. Catalogue of hymenopterous insects in the collection of the British Museum. Part VI. Formicidae. London: British Museum, 216 pp.
- SMITH F. 1861. Descriptions of some new species of ants from the Holy Land, with a synonymic list of others previously described. *Journal and Proceedings of the Linnean Society of London. Zoology* 6: 31-35.
- SPINOLA M. 1808. *Insectorum Liguria species novae aut rariores, quae in agro ligustico nuper detexit, descripsit & iconibus illustravit Maximilianus SPINOLA, adjecto catalogo specierum auctoribus jam enumeratarum, quae in eadem regione passim occurrent*. Genova: Y. Gravier, pp. 207-262.

- STÄRCKE A. 1936. Retouches sur quelques fourmis d'Europe. I. *Plagiolepis xene* nov. sp. et *Pl. vindobonensis* LOMNICKI. Entomologische Berichten (Amsterdam) **9**: 277-279.
- TOHMÉ G. 1969. Description d'espèces nouvelles de fourmis au Liban (Hymenoptera Formicoidea). Publications de l'Université Libanaise. Section des Sciences Naturelles **7**: 1-15.
- TOHMÉ G., TOHMÉ H. 1981. Les fourmis du genre *Messor* en Syrie. Position systématique. Description de quelques ailés et de formes nouvelles. Répartition géographique. Ecologia Mediterranea **7**: 139-153.
- TOHMÉ G., TOHMÉ H. 2000 [1999]. Redescription de *Camponotus festai* EMERY, 1894, et description de *C. sannini* n. sp., deux fourmis du Liban et de la Syrie (Hymenoptera, Formicidae). Bulletin de la Société Entomologique de France **104**: 473-480.
- VAN LOON A. J., BOOMSMA J. J., ANDRASZALVY A. 1990. A new polygynous *Lasius* species (Hymenoptera: Formicidae) from central Europe. I. Description and general biology. Insectes Sociaux **37**: 348-362.
- VESNIĆ A. 2011. Revidirani sistematski prijedlog mrava Bosne i Hercegovine. Unutar: S. LELO (urednik), Fauna Bosne i Hercegovine – Biosistematski pregledi. 7. izmijenjeno i popravljeno interno izdanje Udruženja za inventarizaciju i zaštitu životinja, Ilijaš, Kanton Sarajevo, pp: 205-207.
- VIERECK H. L. 1903. Hymenoptera of Beulah, New Mexico. [part]. Transactions of the American Entomological Society **29**: 56-87.
- WARD P. S., SUMNIGHT T. P. 2012. Molecular and morphological evidence for three sympatric species of *Leptanilla* (Hymenoptera: Formicidae) on the Greek island of Rhodes. Myrmecological News **17**: 5-11.
- WOLF K. 1915. Studien über palaearktische Formiciden. I. Bericht des Naturwissenschaftlich-Medizinischen Vereins in Innsbruck **35**: 37-52.
- ZETTERSTEDT J. W. 1838. Insecta Lapponica. Sectio secunda. Hymenoptera. Lipsiae [= Leipzig]: L. Voss, pp. 317-475.