



## Setting the record straight: a re-examination of ants (Hymenoptera: Formicidae) from Cyprus deposited at the Museum of Zoology of Athens

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### Abstract

Situated in the Eastern Mediterranean, the island of Cyprus is a biodiversity hotspot hosting an important number of endemic species. In recent years, its myrmecofauna has been increasingly enriched with the detection of both new alien and native species as well as the description of new endemic taxa. Nevertheless, earlier reports of dubious taxa remaining in scientific literature constitute an impediment towards the study of the island's biodiversity. This article summarizes the results of re-examination of a collection of ants deposited in the Museum of Zoology of the University of Athens, which was a source of some faunistic records recently published as a conference poster. Specimens have been re-identified, and their metadata have been digitalised, supplementing our knowledge of the species' distribution and correcting previous misidentifications. *Tapinoma festae* Emery, 1925, *Tapinoma glabrella* (Nylander, 1849) (Dolichoderinae), *Plagiolepis perperamus* Salata, Borowiec & Radchenko, 2018, *Plagiolepis xene* Stärcke, 1936 (Formicinae), *Crematogaster lorteti* Forel, 1910, and *Tetramorium indocile* Santschi, 1927 (Myrmicinae) are reported for the first time for the island. Additionally, a new distributional record is also provided for *Camponotus* cf. *vitosus*, an enigmatic alien species on Cyprus. Lastly, a number of dubious records are removed from the checklist of Cypriot ants with notes on further taxa that could be removed in the future.

**Key words:** faunistics, museum collection, new records, re-examination

### Introduction

The island of Cyprus is situated at the heart of the Eastern Mediterranean, bordered by North Africa and the Levantine coast. It is the third largest island of the Mediterranean Basin, a global biodiversity hotspot (Myers *et al.* 2000), hosting a large number of endemic plants, reptiles, and mammals (Hadjisterkotis & Masala 1995; Bibby *et al.* 1992; Hand *et al.* 2011, 2019; Cheikh Albassatneh *et al.* 2021). Regarding insects, the island is estimated to host around 6,000 species (Department of Forests 2023), many of which are endemic. Our knowledge of the myrmecofauna in Cyprus has been increasingly enriched during the last decade, with new endemic species being described and new records of both native and alien species being uncovered (Salata & Borowiec 2015a, b; Georgiadis *et al.* 2017;

Salata *et al.* 2019, 2023a, b, c, 2024; Seifert 2020; Csösz *et al.* 2023; Demetriou *et al.* 2023; Seifert *et al.* 2024). Recent studies have indicated Cyprus as an important rarity centre for Mediterranean ants (Kass *et al.* 2022).

In 2017, a poster presentation on the ants of Cyprus was announced at the 17<sup>th</sup> Panhellenic Entomological Congress in Athens, mentioning 16 new records of species for the Cypriot myrmecofauna and elevating the number of species in Cyprus to 76 (Georgiadis *et al.* 2017). This poster was based on material surveys, specimen preparations, and identifications by two BSc students of the Department of Biology of the National and Kapodistrian University of Athens, towards their final year theses on the ants of Cyprus. Nevertheless, due to the opportunistic studies carried out on the myrmecofauna of Cyprus, and the unavailability of robust identification keys at the time, the identification of specimens relied on Agosti and Collingwood (1987), previous checklists and online sources (Emery 1908, 1915; Santschi 1934, 1937, 1939; Radchenko 2007; Seifert & Schultz 2009; Borowiec & Salata 2012; Borowiec 2014). These resulted in the misidentification of specimens, which were subsequently incorporated in the checklist of Cypriot ants and online resources such as GABI and AntMaps (Janicki *et al.* 2016; Guénard *et al.* 2017).

In this article, this collection of ants from Cyprus deposited in the Museum of Zoology of the University of Athens (ZMUA) is re-examined. Specimens' metadata are digitalised and presented, supplementing our knowledge of the species' distributions and correcting previous misidentifications. *Tapinoma festae* Emery, 1925, *Tapinoma glabrella* (Nylander, 1849) (Dolichoderinae), *Plagiolepis perperamus* Salata, Borowiec & Radchenko, 2018, *Plagiolepis xene* Stärcke, 1936 (Formicinae), *Crematogaster lorteti* Forel, 1910 and *Tetramorium indocile* Santschi, 1927 (Myrmicinae) are reported for the first time for the island while a new distributional record is also provided for *Camponotus cf. vitiosus*, an enigmatic alien species on Cyprus. A number of dubious records are removed from the checklist of Cypriot ants with notes on further taxa that could be removed in the future.

## Materials and methods

Investigated specimens were collected from Paphos (Pafos), Limassol (Lemessos), Nicosia (Lefkosia), and Akrotiri UK SBA by Ms. Katerina Leonidou and Ms. Charoula Tsipouridou during their BSc theses in 2013 and 2014 respectively. The vast majority of the specimens was collected using pitfall traps placed in stations of 10 p.t. per habitat type. In addition, material collected by Professor (Em.) Anastasios Legakis (by hand) and Dr Savvas Zotos (by pitfall traps) in 2007 and 2008 was prepared and utilized by the students (Figure 1; Table 1). In total, more than 500 specimens were re-examined and identified to the species-level based on available keys and taxonomic remarks on Cypriot ants (Salata and Borowiec 2015b; Salata *et al.* 2018, 2023a, b, c, 2024; Seifert 2020, 2024; Demetriou *et al.* 2023). Specimen metadata were digitalised and are given as a supplementary file. Due to the taxonomic uncertainty on the species boundaries within *Lepisiota* Santschi, 1926, forty five specimens were left at the genus level. Specimen identification was performed using a Nikon SMZ 1500 stereomicroscope, Nikon D5200 photo camera, and Helicon Focus software. All specimens were identified by Jakovos Demetriou, Sebastian Salata, and Lech Borowiec.

## Results

### Material examined

#### Dolichoderinae

##### *Tapinoma festae* Emery, 1925—new record for Cyprus

*Tapinoma simrothi* subsp. *festae* Emery, 1925

**Limassol** • Lemessos, Lofou; 34.8175, 32.8751; 750 m alt.; 12.V.2007; Anastasios Legakis leg.; previously identified as *Tapinoma simrothi*; ZMUA, 1 w. • Lemessos, Lofou; 34.8175, 32.8751; 750 m alt.; 12.V.2007; Anastasios Legakis leg.; ZMUA, 1 w.

**TABLE 1.** List of localities of examined material.

Number	District	Locality	Latitude	Longitude	Altitude (m)	Habitat
1	Akrotiri UK SBA	Lemessos, Akrotiri, Lady's Mile beach	34.5962	33.0073	2	phrygana (Mediterranean shrubland) and sand dunes
2	Akrotiri UK SBA	Lemessos, Akrotiri, Western beach	34.5898	32.9502	15	not specified
3	Limassol	Lemessos, Agia Mavri	34.8461	32.8687	720	<i>Platanus</i> sp. (plane), next to riverbank
4	Limassol	Lemessos, Fasoula	34.7263	33.0364	250	phrygana, scarce trees
5	Limassol	Lemessos, Koilani	34.85	32.8509	980	vineyard, next to phrygana
6	Limassol	Lemessos, Lofou	34.8175	32.8751	750	not specified
7	Limassol	Lemessos, Pissouri, Trachonas 1	34.6472	32.6951	225	300 m from the sea, phrygana with <i>Ceratonia siliqua</i> (carob)
8	Limassol	Lemessos, Pissouri, Trachonas 2	34.6636	32.6892	820	<i>Pinus brutia</i> (Calabrian pine) forest
9	Limassol	Lemessos, Platres, to Kalidonion waterfalls	34.8984	32.8671	1270	not specified
10	Nicosia	Lefkosia, Kotsiatis, near the bridge	35.0128	33.3524	270	not specified
11	Nicosia	Lefkosia, Lythrodontas, Gyalias dam	34.9713	33.2856	420	not specified
12	Paphos	Pafos, Chloraka, Azia resort	34.8106	32.3949	21	park close to the sea
13	Paphos	Pafos, Kato Pafos, Faros	34.7606	32.4058	15	phrygana, 200 m from sea
14	Paphos	Pafos, Lara, Ag. Georgios	34.9106	32.3265	30	phrygana next to road, 10 m from sea
15	Paphos	Pafos, Lara, White River beach	34.9118	32.3265	12	sand dunes, 10 m from the sea
16	Paphos	Pafos, Pegeia, Kampinariou	34.8881	32.3804	287	phrygana next to road, close to houses
17	Paphos	Pafos, Pegeia, Oktovriou	34.8865	32.383	253	park close to the sea
18	Paphos	Pafos, Pegeia, Pikni forest	34.8966	32.3702	375	<i>Pinus halepensis</i> (Aleppo pine) forest
19	Paphos	Pafos, Skoulli riv.	34.9791	32.4568	90	not specified

***Tapinoma glabrella* (Nylander, 1849)—new record for Cyprus***Formica glabrella* Nylander, 1849

**Akrotiri UK Sovereign Base Area** • Lemessos, Akrotiri, Western beach; 34.5898, 32.9502; 15 m alt.; 14.V.2007; Anastasios Legakis leg.; ZMUA, 1 w. • Lemessos, Akrotiri, Lady's Mile beach; 34.5962, 33.0073; 2 m alt.; 4.V.2008; Savvas Zotos leg.; pitfall traps phrygana and sand dunes, previously identified as *Tapinoma erraticum*; ZMUA, 3 w.—**Limassol** • Lemessos, Koilani; 34.85, 32.8509; 980 m alt.; 3–17.VIII.2013; Katerina Leonidou leg.; pitfall traps, vineyard, next to phrygana, previously identified as *Tapinoma erraticum*; ZMUA, 1 w. • Lemessos, Koilani; 34.85, 32.8509; 980 m alt.; 20.VII–03.VIII.2013; Katerina Leonidou leg.; pitfall traps, vineyard, next to phrygana, previously identified as *Tapinoma* cf. *ambicum*; ZMUA, 3 w.—**Nicosia** • Lefkosia, Kotsiatis, near the bridge; 35.0128, 33.3524; 270 m alt.; 23.II.2007; Anastasios Legakis leg.; ZMUA, 2 w. • Lefkosia, Kotsiatis, near the bridge; 35.0128, 33.3524; 270 m alt.; 23.II.2007; Anastasios Legakis leg.; previously identified as *Tapinoma erraticum*; ZMUA, 1 w. • Lefkosia, Lythrodontas, Gyalias dam, 34.9713, 33.2856; 420 m alt.; 23.II.2007; Anastasios Legakis leg.; ZMUA, 1 w.—**Paphos** • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 21.II.2007; Anastasios Legakis leg.; ZMUA, 1 w.

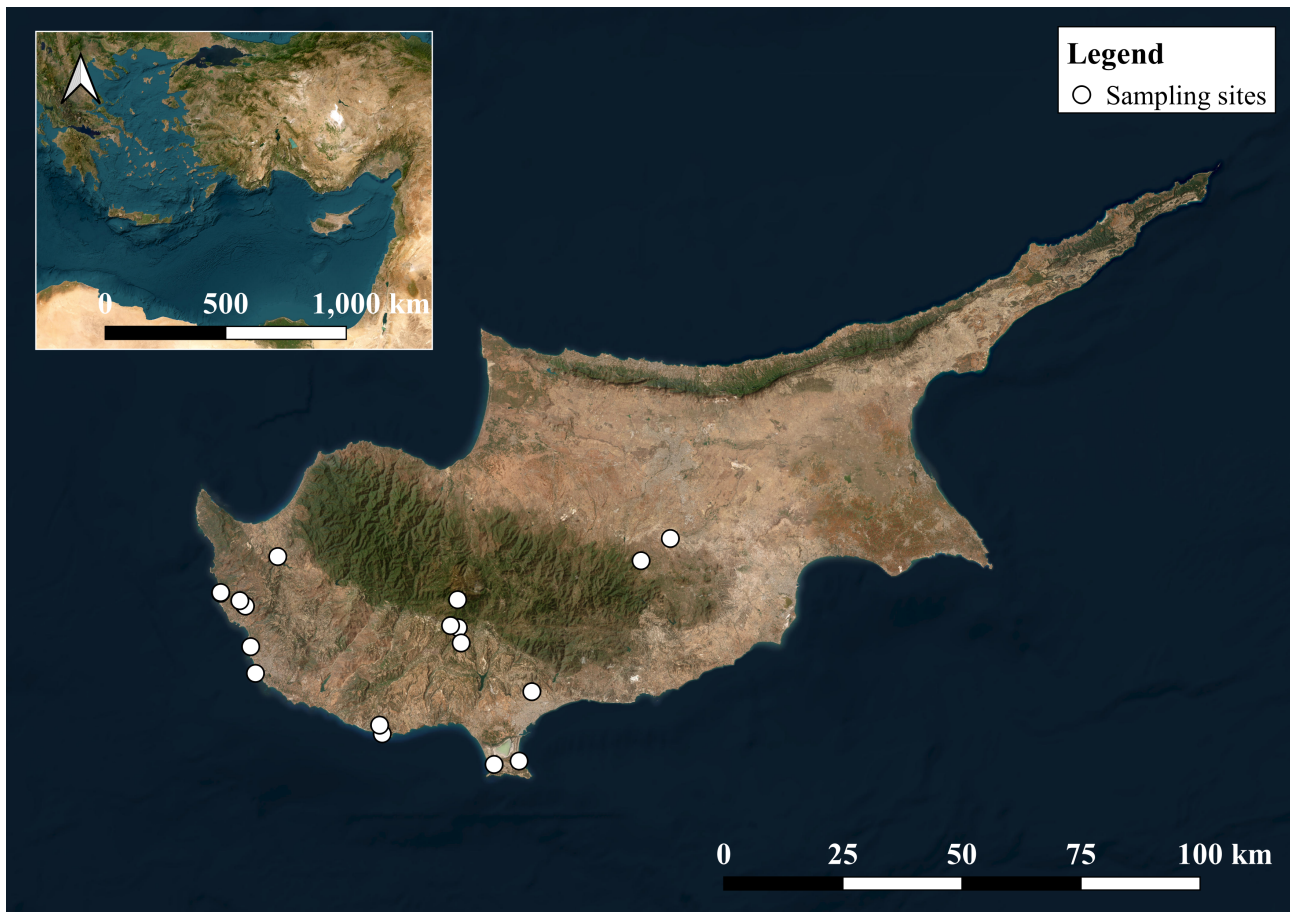


FIGURE 1. Localities of examined material.

### *Tapinoma phoeniceum* Emery, 1925

*Tapinoma simrothi* var. *phoenicea* Emery, 1925

**Akrotiri UK Sovereign Base Area** • Lemessos, Akrotiri, Lady's Mile beach; 34.5962; 33.0073; 2 m alt.; 4.V.2008; Savvas Zotos leg.; pitfall traps phrygana and sand dunes, previously identified as *Tapinoma simrothi*; ZMUA, 1 w. • Lemessos, Akrotiri, Lady's Mile beach; 34.5962; 33.0073; 2 m alt.; 4.V.2008; Savvas Zotos leg.; pitfall traps phrygana and sand dunes, previously identified as *Crematogaster inermis aphrodite*; ZMUA, 1 w. • Lemessos, Akrotiri, Lady's Mile beach; 34.5962; 33.0073; 2 m alt.; 4.V.2008; Savvas Zotos leg.; pitfall traps, phrygana and sand dunes, previously identified as *Tapinoma* cf. *erraticum*; ZMUA, 2 w. • Lemessos, Akrotiri, Lady's Mile beach; 34.5962; 33.0073; 2 m alt.; 4.V.2008; Savvas Zotos leg.; pitfall traps, phrygana and sand dunes; ZMUA, 2 w. • Lemessos, Akrotiri, Lady's Mile beach; 34.5962; 33.0073; 2 m alt.; 30.XI.2007; Savvas Zotos leg.; pitfall traps, phrygana and sand dunes, previously identified as *Tapinoma* cf. *subboreale*; ZMUA, 3 w. • Lemessos, Akrotiri, Lady's Mile beach; 34.5962; 33.0073; 2 m alt.; 4.V.2008; Savvas Zotos leg.; pitfall traps, phrygana and sand dunes, previously identified as *Tapinoma* sp.; ZMUA, 3 w. • Lemessos, Akrotiri, Western beach; 34.5898, 32.9502; 15 m alt.; 14.V.2007; Anastasios Legakis leg.; ZMUA, 1 w. • Lemessos, Akrotiri, Western beach; 34.5898, 32.9502; 15 m alt.; 14.V.2007; Anastasios Legakis leg.; previously identified as *Tapinoma israele*; ZMUA, 1 w.—**Limassol** • Lemessos, Agia Mavri; 34.8461, 32.8687; 720 m alt.; 3–17.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Platanus* sp., next to riverbank, previously identified as *Tapinoma* cf. *semileve*; ZMUA, 1 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 21.VII–4.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*; ZMUA, 1 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 4–18.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*, previously identified as *Tapinoma* sp.; ZMUA, 1 w.—**Nicosia** • Lefkosia, Lythrodontas, Gyalias dam; 34.9713,



33.2856; 420 m alt.; 23.II.2007; Anastasios Legakis leg.; previously identified as *Tapinoma erraticum*; ZMUA, 1w. • Lefkossia, Lythrodontas, Gyalias dam; 34.9713, 33.2856; 420 m alt.; 23.II.2007; Anastasios Legakis leg.; ZMUA, 1 w.—**Paphos** • Pafos, Skoulli riv.; 34.9791; 32.4568; 90 m alt.; 13.V.2007; Anastasios Legakis leg.; ZMUA, 2 w. • Pafos, Skoulli riv.; 34.9791; 32.4568; 90 m alt.; 13.V.2007; Anastasios Legakis leg.; previously identified as *Tapinoma simrothi*; ZMUA, 1 w. • Pafos, Skoulli riv.; 34.9791; 32.4568; 90 m alt.; 21.II.2007; Anastasios Legakis leg.; ZMUA, 1 w. • Pafos, Skoulli riv.; 34.9791; 32.4568; 90 m alt.; 21.II.2007; Anastasios Legakis leg.; previously identified as *Tapinoma simrothi*; ZMUA, 1 w.

## Formicinae

### *Camponotus cecconii* Emery, 1908

*Camponotus maculatus* subsp. *cecconii* Emery, 1908

**Limassol** • Lemessos, Fasoula; 34.7263; 33.0364; 250 m alt.; 20–28.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees, previously identified as *Camponotus sanctus*; ZMUA, 1 q. • Lemessos, Fasoula; 34.7263; 33.0364; 250 m alt.; 10–20.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees; ZMUA, 1 w. • Lemessos, Fasoula; 34.7263; 33.0364; 250 m alt.; 10–20.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees, previously identified as *Camponotus sanctus*; ZMUA, 1 w. • Lemessos, Koilani; 34.85, 32.8509; 980 m alt.; 20.VII–03.VIII.2013; Katerina Leonidou leg.; pitfall traps, vineyard, next to phrygana, previously identified as *Camponotus baldaccii*; ZMUA, 1 w. • Lemessos, Koilani; 34.85, 32.8509; 980 m alt.; 20.VII–03.VIII.2013; Katerina Leonidou leg.; pitfall traps, vineyard, next to phrygana, previously identified as *Camponotus sanctus*; ZMUA, 1 w. • Lemessos, Koilani; 34.85, 32.8509; 980 m alt.; 20.VII–03.VIII.2013; Katerina Leonidou leg.; pitfall traps, vineyard, next to phrygana; ZMUA, 3 w.—**Paphos** • Pafos, Lara, Agios Georgios; 34.9106, 32.3265; 30 m; alt.; 14–17.VIII.2013; Charoula Tsipouridou leg.; phrygana next to road, 10 m from sea, pitfall traps, ethylene glycol, previously identified as *Camponotus sanctus*; ZMUA, 1 w. • Pafos, Lara, White River beach; 34.9118, 32.3265; 12 m alt.; 02–17.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Camponotus sanctus*; ZMUA, 1 w. • Pafos, Lara, White River beach; 34.9118, 32.3265; 12 m alt.; 17–24.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Camponotus sanctus*; ZMUA, 2 w. • Pafos, Lara, White River beach; 34.9118, 32.3265; 12 m alt.; 18.VII–02.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Camponotus sanctus*; ZMUA, 2 w. • Pafos, Pegeia, Kampinariou; 34.8881, 32.3804; 287 m alt.; 16–26.VIII.2013; Charoula Tsipouridou leg., phrygana next to road, close to houses, pitfall traps, ethylene glycol, previously identified as *Camponotus sanctus*; ZMUA, 1 w. • Pafos, Pegeia, Kampinariou; 34.8881, 32.3804; 287 m alt.; 31.VII–16.VIII.2013; Charoula Tsipouridou leg., phrygana next to road, close to houses, pitfall traps, ethylene glycol, previously identified as *Camponotus samius*; ZMUA, 1 w. • Pafos, Pegeia, Kampinariou; 34.8881, 32.3804; 287 m alt.; 31.VII–16.VIII.2013; Charoula Tsipouridou leg., phrygana next to road, close to houses, pitfall traps, ethylene glycol, previously identified as *Camponotus sanctus*; ZMUA, 1 w. • Pafos, Pegeia, Pikni forest; 34.8966, 32.3702; 375 m alt.; 05–19.VIII.2013; Charoula Tsipouridou leg.; *Pinus halepensis* forest, pitfall traps, ethylene glycol, previously identified as *Camponotus sanctus*; ZMUA, 1 w. • Pafos, Pegeia, Pikni forest; 34.8966, 32.3702; 375 m alt.; 21.VII–05.VIII.2013; Charoula Tsipouridou leg.; *Pinus halepensis* forest, pitfall traps, ethylene glycol, previously identified as *Camponotus sanctus*; ZMUA, 6 w.

### *Camponotus jaliensis* Dalla Torre, 1893

*Camponotus oertzeni* var. *jaliensis* Dalla Torre, 1893

**Limassol** • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 21.VII–04.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*; ZMUA, 2 w.

### ***Camponotus cf. vitiosus***

**Limassol** • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 21.VII–04.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*; ZMUA, 1 w.

### ***Colobopsis truncata* (Spinola, 1808)**

*Formica truncata* Spinola, 1808

**Limassol** • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 21.VII–04.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*; ZMUA, 1 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 21.VII–04.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*, previously identified as *Formica clara*; ZMUA, 1 w.

### ***Camponotus samius* Forel, 1889**

*Camponotus rubripes r. samius* Forel, 1889

**Limassol** • Lemessos, Koilani; 34.85, 32.8509; 980 m alt.; 03–17.VIII.2013; Katerina Leonidou leg.; pitfall traps, vineyard, next to phrygana, previously identified as *Camponotus sanctus*; ZMUA, 1 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 21.VII–04.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*; ZMUA, 2 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 04–18.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*; ZMUA, 1 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 04–18.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*, previously identified as *Camponotus sanctus*; ZMUA, 1 w.—**Paphos** • Pafos, Pegeia, Pikni forest; 34.8966, 32.3702; 375 m alt.; 05–19.VIII.2013; Charoula Tspouridou leg.; *Pinus halepensis* forest, pitfall traps, ethylene glycol; ZMUA, 1 w. • Pafos, Pegeia, Pikni forest; 34.8966, 32.3702; 375 m alt.; 21.VII–05.VIII.2013; Charoula Tspouridou leg.; *Pinus halepensis* forest, pitfall traps, ethylene glycol; ZMUA, 3 w. • Pafos, Pegeia, Pikni forest; 34.8966, 32.3702; 375 m alt.; 19–25.VIII.2013; Charoula Tspouridou leg.; *Pinus halepensis* forest, pitfall traps, ethylene glycol; ZMUA, 2 w. • Pafos, Pegeia, Pikni forest; 34.8966, 32.3702; 375 m alt.; 05–19.VIII.2013; Charoula Tspouridou leg.; *Pinus halepensis* forest, pitfall traps, ethylene glycol, previously identified as *Camponotus sanctus*; ZMUA, 1 w.

### ***Camponotus sanctus* Forel, 1904**

*Camponotus maculatus r. sanctus* Forel, 1904

**Akrotiri UK Sovereign Base Area** • Lemessos, Akrotiri, Lady's Mile beach; 34.5962, 33.0073; 2 m alt.; 4.V.2008; Savvas Zotos leg.; pitfall traps phrygana and sand dunes; ZMUA, 3 w. • Lemessos, Akrotiri, Lady's Mile beach; 34.5962, 33.0073; 2 m alt.; 30.XI.2007; Savvas Zotos leg.; pitfall traps phrygana and sand dunes, previously identified as *Camponotus ceconii*; ZMUA, 1 w.—**Limassol** • Lemessos, Koilani; 34.85, 32.8509; 980 m alt.; 03–17.VIII.2013; Katerina Leonidou leg.; pitfall traps, vineyard, next to phrygana; ZMUA, 2 w. • Lemessos, Koilani; 34.85, 32.8509; 980 m alt.; 20.VII–03.VIII.2013; Katerina Leonidou leg.; pitfall traps, vineyard, next to phrygana, previously identified as *Camponotus ceconii*; ZMUA, 1 w. • Lemessos, Koilani; 34.85, 32.8509; 980 m alt.; 20.VII–03.VIII.2013; Katerina Leonidou leg.; pitfall traps, vineyard, next to phrygana; ZMUA, 1 w. • Lemessos, Agia Mavri; 34.8461, 32.8687; 720 m alt.; 20.VII–03.VIII.2013; Katerina Leonidou leg. ; pitfall traps, *Platanus* sp., next to riverbank; ZMUA, 4 w. • Lemessos, Agia Mavri; 34.8461, 32.8687; 720 m alt.; 20.VII–03.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Platanus* sp., next to riverbank, previously identified as *Camponotus ceconii*; ZMUA, 1 w. • Lemessos, Agia Mavri; 34.8461, 32.8687; 720 m alt.; 3–17.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Platanus* sp., next to riverbank; ZMUA, 3 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.;

20–28.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees; ZMUA, 3 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 30.VII–10.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees; ZMUA, 2 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 30.VII–10.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees; ZMUA, 1 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 30.VII–10.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees, previously identified as *Camponotus cecconii*; ZMUA, 1 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 10–20.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees; ZMUA, 3 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 30.VII–10.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees, previously identified as *Camponotus samius*; ZMUA, 1 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 4–18.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*; ZMUA, 2 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 4–18.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*, previously identified as *Camponotus cecconii*; ZMUA, 1 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 4–18.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*; ZMUA, previously identified as *Camponotus aethiops*; 2 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 21.VII–4.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*, previously identified as *Camponotus cecconii*; ZMUA, 1 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 21.VII–04.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*; ZMUA, 6 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 4–18.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*, previously identified as *Camponotus lateralis*; ZMUA, 1 q. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 4–18.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*, previously identified as *Camponotus cf. turcestanus*; ZMUA, 1 w. • Lemessos, Lofou; 34.8175, 32.8751; 750 m alt.; 12.V.2007; Anastasios Legakis leg.; ZMUA, 2 w. • Lemessos, Pissouri, Trachonas 2; 34.6636, 32.6892; 820 m alt.; 21.VII–4.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Pinus brutia* forest; ZMUA, 2 w. • Lemessos, Pissouri, Trachonas 2; 34.6636, 32.6892; 820 m alt.; 21.VII–4.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Pinus brutia* forest, previously identified as *Camponotus cecconii*; ZMUA, 1 w.—**Paphos** • Pafos, Pegeia, Kampinariou; 34.8881, 32.3804; 287 m alt.; 31.VII–16.VIII.2013; Charoula Tspouridou leg.; phrygana next to road, close to houses, pitfall traps, ethylene glycol; ZMUA, 1 w. • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 16–30.VII.2013; Charoula Tspouridou leg.; pitfall traps, ethylene glycol, previously identified as *Camponotus aethiops*; ZMUA, 2 w. • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 30.VII–16.VIII.2013; Charoula Tspouridou leg.; pitfall traps, ethylene glycol; ZMUA, 1 w. • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 21.II.2007; Anastasios Legakis leg.; ZMUA, 3 w. • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 13.V.2007; Anastasios Legakis leg., previously identified as *Camponotus samius*; ZMUA, 1 w. • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 13.V.2007; Anastasios Legakis leg.; ZMUA, 1 w. • Pafos, Pegeia, Oktovriou; 34.8865, 32.383; 253 m alt.; 16.IV.2014; Charoula Tspouridou leg.; park close to the sea, by hand, in 95% alc., previously identified as *Camponotus samius*; ZMUA, 1 w. • Pafos, Lara, White River beach; 34.9118, 32.3265; 12 m alt.; 18.VII–02.VIII.2013; Charoula Tspouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol; ZMUA, 2 w. • Pafos, Lara, White River beach; 34.9118, 32.3265; 12 m alt.; 2–17.VIII.2013; Charoula Tspouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol; ZMUA, 1 w. • Pafos, Lara, White River beach; 34.9118, 32.3265; 12 m alt.; 2–17.VIII.2013; Charoula Tspouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Camponotus aethiops*; ZMUA, 2 w. • Pafos, Lara, White River beach; 34.9118, 32.3265; 12 m alt.; 18.VII–02.VIII.2013; Charoula Tspouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Camponotus aethiops*; ZMUA, 1 w. • Pafos, Lara, White River beach; 34.9118, 32.3265; 12 m alt.; 2–17.VIII.2013; Charoula Tspouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Camponotus lateralis*; ZMUA, 1 q.

### ***Camponotus libanicus* André, 1881**

**Limassol** • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 30.VII–10.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees; ZMUA, 1 w.—**Paphos** • Pafos, Pegeia, Kampinariou; 34.8881, 32.3804; 287 m alt.; 31.VII–16.VIII.2013; Charoula Tspouridou leg.; phrygana next to road, close to houses, pitfall traps, ethylene glycol; ZMUA, 1 w.

## ***Cataglyphis aphrodite* Salata, Demetriou, Georgiadis & Borowiec, 2023**

**Limassol** • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 4–18.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*; ZMUA, 3 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 10–20.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees; ZMUA, 3 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 30.VII–10.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees; ZMUA, 3 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 30.VII–10.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees, previously identified as *Cataglyphis nodus*; ZMUA, 1 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 30.VII–10.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees, previously identified as *Camponotus gestroi*; ZMUA, 1 w. • Lemessos, Agia Mavri; 34.8461, 32.8687; 720 m alt.; 20.VII–03.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Platanus* sp., next to riverbank, previously identified as *Cataglyphis nodus*; ZMUA, 1 w. • Lemessos, Agia Mavri; 34.8461, 32.8687; 720 m alt.; 20.VII–03.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Platanus* sp., next to riverbank; ZMUA, 2 w. • Lemessos, Pissouri, Trachonas 2; 34.6636, 32.6892; 820 m; 21.VII–4.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Pinus brutia* forest, previously identified as *Cataglyphis aenescens*; ZMUA, 2 w. • Lemessos, Pissouri, Trachonas 2; 34.6636, 32.6892; 820 m; 21.VII–4.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Pinus brutia* forest; ZMUA, 2 w. • Lemessos, Koilani; 34.85, 34.8509; 980 m alt.; 3–17.VIII.2013; Katerina Leonidou leg.; pitfall traps, vineyard, next to phrygana; ZMUA, 1 w.—**Paphos** • Pafos, Lara, Ag. Georgios; 34.9106, 32.3265; 30 m alt.; 17–24.VIII.2013; Charoula Tsipouridou leg.; phrygana next to road, 10 m from sea, pitfall traps, ethylene glycol, previously identified as *Cataglyphis aenescens*; ZMUA, 1 w. • Pafos, Lara, Ag. Georgios; 34.9106, 32.3265; 30 m alt.; 17–24.VIII.2013; Charoula Tsipouridou leg.; phrygana next to road, 10 m from sea, pitfall traps, ethylene glycol, previously identified as *Camponotus sanctus*; ZMUA, 1 w. • Pafos, Pegeia, Oktovriou; 34.8865, 32.383; 253 m alt.; 16.VI.2014; Charoula Tsipouridou leg.; park close to the sea, by hand, in 95% alc., previously identified as *Cataglyphis aenescens*; ZMUA, 1 w. • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 30.VII–16.VIII.2013; Charoula Tsipouridou leg.; phrygana, 200 m from sea, pitfall traps, ethylene glycol, previously identified as *Cataglyphis aenescens*; ZMUA, 3 w. • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 16–30.VII.2013; Charoula Tsipouridou leg.; phrygana, 200 m from sea, pitfall traps, ethylene glycol, previously identified as *Cataglyphis aenescens*; ZMUA, 3 w. • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 16–23.VIII.2013; Charoula Tsipouridou leg.; phrygana, 200 m from sea, pitfall traps, ethylene glycol, previously identified as *Cataglyphis aenescens*; ZMUA, 2 w. • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 16–23.VIII.2013; Charoula Tsipouridou leg.; phrygana; 200 m from sea, pitfall traps, ethylene glycol, previously identified as *Cataglyphis aenescens*; ZMUA, 3w. • Pafos, Lara, White River Beach; 34.9118, 32.3265; 12 m alt.; 18.VII–02.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol; ZMUA, 7 w. • Pafos, Lara, White River Beach; 34.9118, 32.3265; 12 m alt.; 18.VII–02.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Cataglyphis aenescens*; ZMUA, 3 w. • Pafos, Lara, White River Beach; 34.9118, 32.3265; 12 m alt.; 17–24.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Cataglyphis aenescens*; ZMUA, 2 w. • Pafos, Lara, White River Beach; 34.9118, 32.3265; 12 m alt.; 2–17.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Cataglyphis aenescens*; ZMUA, 2 w. • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 13.V.2007; Anastasios Legakis leg.; ZMUA, 1 w. • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 13.V.2007; Anastasios Legakis leg.; previously identified as *Cataglyphis aenescens*; ZMUA, 1 w. • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 21.II.2007; Anastasios Legakis leg.; previously identified as *Cataglyphis nodus*; ZMUA, 1 w.

## ***Formica clara* Forel, 1886**

*Formica rufibarbis* var. *clara* Forel, 1886

**Limassol** • Lemessos, Platres, to Kalidonion waterfalls; 34.8984, 32.8671; 1270 m alt.; 12.V.2007; Anastasios Legakis leg.; ZMUA, 1 w.



### *Lasius cyperus* Seifert, 2020

**Limassol** • Lemessos, Agia Mavri; 34.8461, 32.8687; 720 m alt.; 3–17.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Platanus* sp., next to riverbank, previously identified as *Tapinoma erraticum*; ZMUA, 1 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 20–28.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees, previously identified as *Lasius* cf. *umbratus*; ZMUA, 1 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 10–20.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees, previously identified as *Lasius* cf. *umbratus*; ZMUA, 1 w.—**Nicosia** • Lefkosia, Lythrodontas, Gyalias dam; 34.9713, 33.2856; 420 m alt.; 23.II.2007; Anastasios Legakis leg.; ZMUA, 2 w. • Lefkosia, Lythrodontas, Gyalias dam; 34.9713, 33.2856; 420 m alt.; 23.II.2007; Anastasios Legakis leg.; previously identified as *Lasius emarginatus*; ZMUA, 1 w.—**Paphos** • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 13.V.2007; Anastasios Legakis leg.; previously identified as *Lasius emarginatus*; ZMUA, 1 w. • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 13.V.2007; Anastasios Legakis leg.; ZMUA, 2 w. • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 13.V.2007; Anastasios Legakis leg.; previously identified as *Lasius* cf. *umbratus*; ZMUA, 1 w.

### *Plagiolepis pallescens* Forel, 1889

*Plagiolepis pygmaea* var. *pallescens* Forel, 1889

**Akrotiri UK Sovereign Base Area** • Lemessos, Akrotiri, Lady's Mile beach; 34.5962, 33.0073; 2 m alt.; 4.V.2008; Savvas Zotos leg.; pitfall traps, phrygana and sand dunes; ZMUA, 2 w.—**Nicosia** • Lefkosia, Lythrodontas, Gyalias; 34.9713, 33.2856; 420 m alt.; 23.II.2007; Anastasios Legakis leg.; ZMUA, 1 w.—**Paphos** • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 13.V.2007; Anastasios Legakis leg.; previously identified as *Plagiolepis taurica*; ZMUA, 1 w.

### *Plagiolepis perperamus* Salata, Borowiec & Radchenko, 2018—new record for Cyprus

**Akrotiri UK Sovereign Base Area** • Lemessos, Akrotiri, Lady's Mile beach; 34.5962, 33.0073; 2 m alt.; 4.V.2008; Savvas Zotos leg.; pitfall traps phrygana and sand dunes; ZMUA, 1 w. • Lemessos, Akrotiri, Lady's Mile beach; 34.5962, 33.0073; 2 m alt.; 4.V.2008; Savvas Zotos leg.; pitfall traps phrygana and sand dunes, previously identified as *Plagiolepis ampeloni*; ZMUA, 3 w. • Lemessos, Akrotiri, Lady's Mile beach; 34.5962, 33.0073; 2 m alt.; 4.V.2008; Savvas Zotos leg.; pitfall traps phrygana and sand dunes, previously identified as *Plagiolepis pallescens*; ZMUA, 4 w. • Lemessos, Akrotiri, Lady's Mile beach; 34.5962, 33.0073; 2 m alt.; 4.V.2008; Savvas Zotos leg.; pitfall traps phrygana and sand dunes, previously identified as *Tapinoma simrothi*; ZMUA, 1 w. • Lemessos, Akrotiri, Lady's Mile beach; 34.5962, 33.0073; 2 m alt.; 4.V.2008; Savvas Zotos leg.; pitfall traps phrygana and sand dunes, previously identified as *Tapinoma* sp.; ZMUA, 3 w. • Lemessos, Akrotiri, Lady's Mile beach; 34.5962, 33.0073; 2 m alt.; 30.XI.2007; Savvas Zotos leg.; pitfall traps phrygana and sand dunes; ZMUA, 1 w. **Nicosia** • Lefkosia, Lythrodontas, Gyalias dam; 34.9713, 33.2856; 420 m alt.; 23.II.2007; Anastasios Legakis leg.; previously identified as *Plagiolepis taurica*; ZMUA, 1 w. • Lefkosia, Lythrodontas, Gyalias dam; 34.9713, 33.2856; 420 m alt.; 23.II.2007; Anastasios Legakis leg.; ZMUA, 1 w. • Lefkosia, Kotsiatis, near the bridge; 35.0128, 33.3524; 270 m alt.; 23.II.2007; Anastasios Legakis leg.; ZMUA, 3 w.—**Paphos** • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 21.II.2007; Anastasios Legakis leg.; ZMUA, 4 w. • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 21.II.2007; Anastasios Legakis leg.; previously identified as *Plagiolepis taurica*; ZMUA, 1 w.

### *Plagiolepis xene* Stärcke, 1936—new record for Cyprus

**Nicosia** • Lefkosia, Kotsiatis, near the bridge; 35.0128, 33.3524; 270 m alt.; 23.II.2007; Anastasios Legakis leg.; previously identified as *Plagiolepis taurica*; ZMUA, 1 q.

## Myrmicinae

### *Aphaenogaster sporadis* Santschi, 1933

*Aphaenogaster simonellii* var. *sporadis* Santschi, 1933

**Limassol** • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 4–18.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300m from the sea, phrygana with *Ceratonia siliqua*; ZMUA, 2 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 21.VII–04.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300m from the sea, phrygana with *Ceratonia siliqua*; ZMUA, 2 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 4–18.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300m from the sea, phrygana with *Ceratonia siliqua*, previously identified as *Aphaenogaster simonellii*; ZMUA, 1 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 21.VII–04.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300m from the sea, phrygana with *Ceratonia siliqua*, previously identified as *Tetramorium rhodium*; ZMUA, 1 w. • Lemessos, Koilani; 34.85, 32.8509; 980 m alt.; 20.VII–03.VIII.2013; Katerina Leonidou leg.; pitfall traps, vineyard, next to phrygana; ZMUA, 2 w. • Lemessos, Koilani; 34.85, 32.8509; 980 m alt.; 20.VII–03.VIII.2013; Katerina Leonidou leg.; pitfall traps, vineyard, next to phrygana, previously identified as *Aphaenogaster simonellii*; ZMUA, 1 w. • Lemessos, Koilani; 34.85, 32.8509; 980 m alt.; 3–17.VIII.2013; Katerina Leonidou leg.; pitfall traps, vineyard, next to phrygana, previously identified as *Aphaenogaster simonellii*; ZMUA, 2 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 10–20.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees; ZMUA, 1 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 10–20.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees, previously identified as *Aphaenogaster simonellii*; ZMUA, 1 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 30.VII–10.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees, previously identified as *Messor structor*; ZMUA, 1 w. –  
**Paphos** • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 21.II.2007; Anastasios Legakis leg.; previously identified as *Aphaenogaster simonellii*; ZMUA, 2 w. • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 13.V.2007; Anastasios Legakis leg.; previously identified as *Aphaenogaster simonellii*; ZMUA, 1 w. • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 13.V.2007; Anastasios Legakis leg.; ZMUA, 2 w. • Pafos, Pegeia, Kampinariou; 34.8881, 32.3804; 287 m alt.; 16–26.VIII.2013; Charoula Tsipouridou leg.; phrygana next to the road, close to houses, pitfall traps, ethylene glycol, previously identified as *Aphaenogaster simonellii*; ZMUA, 3 w. • Pafos, Pegeia, Kampinariou; 34.8881, 32.3804; 287 m alt.; 31.VII–16.VIII.2013; Charoula Tsipouridou leg.; phrygana next to the road, close to houses, pitfall traps, ethylene glycol, previously identified as *Aphaenogaster simonellii*; ZMUA, 3 w. • Pafos, Pegeia, Pikni forest; 34.8966, 32.3702; 375 m alt.; 5–19.VIII.2013; Charoula Tsipouridou leg.; *Pinus halepensis* forest, pitfall traps, ethylene glycol, previously identified as *Aphaenogaster simonellii*; ZMUA, 3 w. • Pafos, Pegeia, Pikni forest; 34.8966, 32.3702; 375 m alt.; 19–25.VIII.2013; Charoula Tsipouridou leg.; *Pinus halepensis* forest, pitfall traps, ethylene glycol, previously identified as *Aphaenogaster simonellii*; ZMUA, 3 w. • Pafos, Pegeia, Pikni forest; 34.8966, 32.3702; 375 m alt.; 21.VII–05.VIII.2013; Charoula Tsipouridou leg.; *Pinus halepensis* forest, pitfall traps, ethylene glycol, previously identified as *Aphaenogaster simonellii*; ZMUA, 2 w.

### *Aphaenogaster syriaca* Emery, 1908

*Aphaenogaster gibbosa* subsp. *syriaca* Emery, 1908

**Limassol** • Lemessos, Agia Mavri; 34.8461, 32.8687; 720 m alt.; 3–17.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Platanus* sp., next to riverbank, previously identified as *Aphaenogaster simonellii*; ZMUA, 3 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 20–28.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees, previously identified as *Aphaenogaster lesbica*; ZMUA, 3 w.

### *Aphaenogaster splendida* (Roger, 1859)

*Atta splendida* Roger, 1859

**Paphos** • Pafos, Lara, White River beach; 34.9118, 32.3265; 12 m alt.; 2–17.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Pheidole pallidula*; ZMUA, 1 w.

### *Crematogaster cf. ionia*

**Limassol** • Lemessos, Pissouri, Trachonas 2; 34.6636, 32.6892; 820 m alt.; 21.VII–4.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Pinus brutia* forest, previously identified as *Aphaenogaster subterranea*; ZMUA, 1 w. • Lemessos, Pissouri, Trachonas 2; 34.6636, 32.6892; 820 m alt.; 21.VII–4.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Pinus brutia* forest, previously identified as *Crematogaster sordidula*; ZMUA, 2 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 21.VII–4.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratoniasiliqua*, previously identified as “*Crematogaster ionia* or *jehovae*”; ZMUA, 1 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 4–18.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratoniasiliqua*, previously identified as *Crematogaster sordidula*; ZMUA, 3 w.—**Paphos** • Pafos, Lara, White River Beach; 34.9118, 32.3265; 12 m alt.; 17–24.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Crematogaster jehovae*; ZMUA, 1 w. • Pafos, Pegeia, Pikni forest; 34.8966, 32.3702; 375 m alt.; 5–19.VIII.2013; Charoula Tsipouridou leg.; *Pinus halepensis* forest, pitfall traps, ethylene glycol, previously identified as *Crematogaster ionia*; ZMUA, 3 w. • Pafos, Pegeia, Pikni forest; 34.8966, 32.3702; 375 m alt.; 21.VII–5.VIII.2013; Charoula Tsipouridou leg.; *Pinus halepensis* forest, pitfall traps, ethylene glycol, previously identified as *Crematogaster sordidula*; ZMUA, 3 w.

### *Crematogaster cypria* Santschi, 1930

*Crematogaster (Acrocoelia) jehovae* var. *cypria* Santschi, 1930

**Akrotiri UK Sovereign Base Area** • Lemessos, Akrotiri, Lady's Mile beach; 34.5962, 33.0073; 2 m alt.; 4.V.2008; Savvas Zotos leg.; pitfall traps phrygana and sand dunes, previously identified as *Crematogaster sordidula*; ZMUA, 2 w.—**Limassol** • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 21.VII–4.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratoniasiliqua*, previously identified as *Crematogaster ionia*; ZMUA, 2 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 21.VII–4.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratoniasiliqua*; ZMUA, 1 w.—**Paphos** • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 16–30.VII.2013; Charoula Tsipouridou leg.; phrygana, 200 m from sea, pitfall traps, ethylene glycol, previously identified as *Crematogaster jehovae*; ZMUA, 3 w. • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 30.VII–16.VIII.2013; Charoula Tsipouridou leg.; phrygana, 200 m from sea, pitfall traps, ethylene glycol, previously identified as *Crematogaster sordidula*; ZMUA, 3 w. • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 16–23.VIII.2013; Charoula Tsipouridou leg.; phrygana, 200 m from sea, pitfall traps, ethylene glycol, previously identified as *Crematogaster sordidula*; ZMUA, 1 w. • Pafos, Lara, White River Beach; 34.9118, 32.3265; 12 m alt.; 18.VII–02.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Crematogaster sordidula*; ZMUA, 1 w. • Pafos, Lara, White River Beach; 34.9118, 32.3265; 12 m alt.; 2–17.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Crematogaster sordidula*; ZMUA, 1 w. • Pafos, Lara, White River Beach; 34.9118, 32.3265; 12 m alt.; 17–24.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Crematogaster jehovae*; ZMUA, 2 w.

### *Crematogaster inermis* Mayr, 1862

**Akrotiri UK Sovereign Base Area** • Lemessos, Akrotiri, Lady's Mile beach; 34.5962, 33.0073; 2 m alt.; 4.V.2008; Savvas Zotos leg.; pitfall traps, phrygana and sand dunes; ZMUA, 3 w. • Lemessos, Akrotiri, Lady's Mile beach; 34.5962, 33.0073; 2 m alt.; 4.V.2008; Savvas Zotos leg.; pitfall traps, phrygana and sand dunes, previously identified as *Crematogaster inermis aphrodite*; ZMUA, 14 w. • Lemessos, Akrotiri, Lady's Mile beach; 34.5962, 33.0073; 2

m alt.; 4.V.2008; Savvas Zotos leg.; pitfall traps, phrygana and sand dunes, previously identified as *Crematogaster sordidula*; ZMUA, 1 w. • Lemessos, Akrotiri, Lady's Mile beach; 34.5962, 33.0073; 2 m alt.; 30.XI.2007; Savvas Zotos leg.; pitfall traps, phrygana and sand dunes, previously identified as *Crematogaster inermis aphrodite*; ZMUA, 5 w.

### ***Crematogaster lorteti* Forel, 1910—new record for Cyprus**

**Paphos** • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 13.V.2007; Anastasios Legakis leg.; ZMUA, 2 w. • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 13.V.2007; Anastasios Legakis leg.; previously identified as *Crematogaster jehovae*; ZMUA, 1 w.

### ***Messor bucephalus* Salata, Demetriou, Georgiadis & Borowiec, 2023**

**Akrotiri UK Sovereign Base Area** • Lemessos, Akrotiri, Western beach; 34.5898, 32.9502; 15 m alt.; 14.V.2007; Anastasios Legakis leg.; previously identified *Messor meridionalis*; ZMUA, 1 w.—**Limassol** • Lemessos, Agia Mavri; 34.8461, 32.8687; 720 m alt.; 20.VII–03.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Platanus* sp., next to riverbank; ZMUA, 1 w. • Lemessos, Agia Mavri; 34.8461, 32.8687; 720 m alt.; 20.VII–03.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Platanus* sp., next to riverbank, previously identified as *Messor structor*; ZMUA, 1 w. • Lemessos, Agia Mavri; 34.8461, 32.8687; 720 m alt.; 20.VII–03.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Platanus* sp., next to riverbank, previously identified as *Messor intermedius*; ZMUA, 2 w. • Lemessos, Lofou; 34.8175, 32.8751; 750 m alt.; 12.V.2007; Anastasios Legakis leg.; ZMUA, 2 w. • Lemessos, Lofou; 34.8175, 32.8751; 750 m alt.; 12.V.2007; Anastasios Legakis leg.; previously identified as *Messor meridionalis* ZMUA, 1 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 21.VII–4.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*, previously identified as *Messor intermedius*; ZMUA, 1 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 10–20.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees; ZMUA, 1 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 30.VII–10.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees, previously identified as *Messor orientalis*; ZMUA, 1 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 10–20.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees, previously identified as *Messor structor*; ZMUA, 1 w.—**Paphos** • Pafos, Chloraka, Azia resort; 34.8106, 32.3949; 21 m alt.; 16.IV.2014; Charoula Tspouridou leg.; park close to the sea, by hand, in 95% alc., previously identified as *Messor structor*; ZMUA, 2 w. • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 30.VII–16.VIII.2013; Charoula Tspouridou leg.; phrygana, 200 m from sea, pitfall traps, ethylene glycol, previously identified as *Messor orientalis*; ZMUA, 1 w. • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 16–23.VIII.2013; Charoula Tspouridou leg.; phrygana, 200 m from sea, pitfall traps, ethylene glycol, previously identified as *Messor wasmanni*; ZMUA, 1 w. • Pafos, Lara, White River Beach; 34.9118, 32.3265; 12 m alt.; 18.VII–02.VIII.2013; Charoula Tspouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Messor structor*; ZMUA, 1 w. • Pafos, Lara, White River Beach; 34.9118, 32.3265; 12 m alt.; 2–17.VIII.2013; Charoula Tspouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Messor orientalis*; ZMUA, 1 w.

### ***Messor orientalis* (Emery, 1898)**

*Stenamma* (*Messor*) *structor* var. *orientalis* Emery, 1898

**Limassol** • Lemessos, Lofou; 34.8175, 32.8751; 750 m alt.; 12.V.2007; Anastasios Legakis leg.; previously identified as *Messor meridionalis*; ZMUA, 1 w. • Lemessos, Koilani; 34.85, 32.8509; 980 m alt.; 20.VII–03.VIII.2013; Katerina Leonidou leg.; pitfall traps, vineyard, next to phrygana; ZMUA, 5 w. • Lemessos, Koilani; 34.85, 32.8509; 980 m alt.; 3–17.VIII.2013; Katerina Leonidou leg.; pitfall traps, vineyard, next to phrygana; ZMUA, 5 w. • Lemessos, Koilani; 34.85, 32.8509; 980 m alt.; 3–17.VIII.2013; Katerina Leonidou leg.; pitfall traps, vineyard, next to phrygana, previously identified as *Messor structor*; ZMUA, 1 w. • Lemessos, Koilani; 34.85, 32.8509; 980 m



alt.; 20.VII–03.VIII.2013; Katerina Leonidou leg.; pitfall traps, vineyard, next to phrygana, previously identified as *Trichomyrmex perplexus*; ZMUA, 1 w.—**Nicosia** • Lefkosia, Lythrodontas, Gyalias dam; 34.9713, 33.2856; 420 m alt.; 23.II.2007; Anastasios Legakis leg.; ZMUA, 6 w. • Lefkosia, Kotsiatis, near the bridge; 35.0128, 33.3524; 270 m alt.; 23.II.2007, Anastasios Legakis leg.; previously identified as *Messor alexandri*; ZMUA, 1 w.—**Paphos** • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 16–30.VII.2013; Charoula Tsipouridou leg.; phrygana, 200 m from sea, pitfall traps, ethylene glycol; ZMUA, 3 w. • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 16–23.VIII.2013; Charoula Tsipouridou leg.; phrygana, 200 m from sea, pitfall traps, ethylene glycol; ZMUA, 1 w. • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 16–23.VIII.2013; Charoula Tsipouridou leg.; phrygana, 200 m from sea, pitfall traps, ethylene glycol, previously identified as *Messor wasmanni*; ZMUA, 1 w. • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 16–23.VIII.2013; Charoula Tsipouridou leg.; phrygana, 200 m from sea, pitfall traps, ethylene glycol, previously identified as *Messor alexandri*; ZMUA, 2 w. • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 30.VII–16.VIII.2013; Charoula Tsipouridou leg.; phrygana, 200 m from sea, pitfall traps, ethylene glycol; ZMUA, 2 w. • Pafos, Lara, White River Beach; 34.9118, 32.3265; 12 m alt.; 18.VII–02.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol; ZMUA, 1 w. • Pafos, Lara, White River Beach; 34.9118, 32.3265; 12 m alt.; 18.VII–02.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Messor structor*; ZMUA, 3 w. • Pafos, Lara, Ag. Georgios; 34.9106, 32.3265; 30 m alt.; 17–24.VIII.2013; Charoula Tsipouridou leg.; phrygana next to road, 10 m from sea, pitfall traps, ethylene glycol; ZMUA, 3 w. • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 21.II.2007; Anastasios Legakis leg.; ZMUA, 3 w. • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 21.II.2007; Anastasios Legakis leg.; previously identified as *Messor structor*; ZMUA, 1 w. • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 21.II.2007; Anastasios Legakis leg.; previously identified as *Messor alexandri*; ZMUA, 1 w. • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 13.V.2007; Anastasios Legakis leg.; ZMUA, 3 w.

### *Messor syriacus* Tohmé, 1969

**Limassol** • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 4–18.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonía siliqua*, previously identified as *Messor orientalis*; ZMUA, 2 w.

### *Monomorium bicolor* Emery, 1877

**Akrotiri UK Sovereign Base Area** • Lemessos, Akrotiri, Lady's Mile beach; 34.5962, 33.0073; 2 m alt.; 30.XI.2007; Savvas Zotos leg.; pitfall traps phrygana and sand dunes; ZMUA, 1 w.—**Limassol** • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 10–20.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees, previously identified as *Monomorium nitidiventre*; ZMUA, 3 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 10–20.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees; ZMUA, 1 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 30.VII–10.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees; ZMUA, 3 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 30.VII–10.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees, previously identified as *Monomorium nitidiventre*; ZMUA, 1 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 4–18.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonía siliqua*; ZMUA, 3 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 21.VII–04.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonía siliqua*; ZMUA, 1 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 21.VII–04.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonía siliqua*, previously identified as *Monomorium nitidiventre*; ZMUA, 2 w. • Lemessos, Pissouri, Trachonas 2; 34.6636, 32.6892; 820 m alt.; 21.VII–4.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Pinus brutia* forest, previously identified as *Monomorium nitidiventre*; ZMUA, 3 w. • Lemessos, Agia Mavri; 34.8461, 32.8687; 720 m alt.; 20.VII–03.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Platanus* sp., next to riverbank, previously identified as *Monomorium cf. creticum*; ZMUA, 1 w. • Lemessos, Agia Mavri; 34.8461, 32.8687; 720 m alt.; 20.VII–03.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Platanus* sp., next to riverbank, previously identified as *Monomorium nitidiventre*; ZMUA, 1

w.—**Paphos** • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 16–30.VII.2013; Charoula Tsipouridou leg.; phrygana, 200 m from sea, pitfall traps, ethylene glycol; ZMUA, 3 w. • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 16–23.VIII.2013; Charoula Tsipouridou leg.; phrygana, 200 m from sea, pitfall traps, ethylene glycol; ZMUA, 1 w. • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 16–23.VIII.2013; Charoula Tsipouridou leg.; phrygana, 200 m from sea, pitfall traps, ethylene glycol, previously identified as *Messor bicolor*; ZMUA, 1 w. • Pafos, Pegeia, Kampinariou; 34.8881, 32.3804; 287 m alt.; 31.VII–16.VIII.2013; Charoula Tsipouridou leg.; phrygana next to road, close to houses, pitfall traps, ethylene glycol; ZMUA, 3 w. • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 13.V.2007; Anastasios Legakis leg.; ZMUA, 3 w. • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 21.II.2007; Anastasios Legakis leg.; ZMUA, 3 w. • Pafos, Lara, Ag. Georgios; 34.9106, 32.3265; 30 m alt.; 17–24.VIII.2013; Charoula Tsipouridou leg.; phrygana next to road, 10 m from sea, pitfall traps, ethylene glycol; ZMUA, 2 w. • Pafos, Lara, Ag. Georgios; 34.9106, 32.3265; 30 m alt.; 17–24.VIII.2013; Charoula Tsipouridou leg.; phrygana next to road, 10 m from sea, pitfall traps, ethylene glycol, previously identified as *Monomorium nitidiventre*; ZMUA, 1 w. • Pafos, Pegeia, Pikni forest; 34.8966, 32.3702; 375 m alt.; 21.VII–5.VIII.2013; Charoula Tsipouridou leg.; *Pinus halepensis* forest, pitfall traps, ethylene glycol; ZMUA, 3 w. • Pafos, Lara, White River Beach; 34.9118, 23.3265; 12 m alt.; 2–17.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol; ZMUA, 4 w. • Pafos, Lara, White River Beach; 34.9118, 23.3265; 12 m alt.; 18.VII–02.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol; ZMUA, 3 w. • Pafos, Lara, White River Beach; 34.9118, 23.3265; 12 m alt.; 17–24.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol; ZMUA, 3 w.

### ***Monomorium subopacum* (Smith, 1858)**

*Myrmica subopaca* Smith, 1858

**Limassol** • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 4–18.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*, previously identified as *Monomorium bicolor*; ZMUA, 1 w.—**Paphos** • Pafos, Pegeia, Kampinariou; 34.8881, 32.3804; 287 m alt.; 31.VII–16.VIII.2013; Charoula Tsipouridou leg.; phrygana next to road, close to houses, pitfall traps, ethylene glycol, previously identified as *Monomorium nitidiventre*; ZMUA, 1 w.

### ***Paratrechina longicornis* (Latreille, 1802)**

*Formica longicornis* Latreille, 1802

**Paphos** • Pafos, Pegeia, Oktovriou; 34.8865, 32.383; 253 m alt.; 16.VI.2014; Charoula Tsipouridou leg.; park close to the sea, by hand, in 95% alc., previously identified as *Paratrechina jaegerskioeldi*; ZMUA, 1 w. • Pafos, Chloraka, Azia resort; 34.8106, 32.3949; 21 m alt.; 16.VI.2014; Charoula Tsipouridou leg.; park close to the sea, by hand, in 95% alc., previously identified as *Paratrechina jaegerskioeldi*; ZMUA, 2 w.

### ***Pheidole indica* Mayr, 1879**

**Paphos** • Pafos, Chloraka, Azia resort; 34.8106, 32.3949; 21 m alt.; 16.VI.2014; Charoula Tsipouridou leg.; park close to the sea, by hand, in 95% alc., previously identified as *Pheidole pallidula*; ZMUA, 3 w.

### ***Pheidole koshewnikovi* Ruzsky, 1905**

*Pheidole pallidula* subsp. *koshewnikovi* Ruzsky, 1905

**Limassol** • Lemessos, Agia Mavri; 34.8461, 32.8687; 720 m alt.; 3–17.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Platanus* sp., next to riverbank, previously identified as *Monomorium nitidiventre*; ZMUA, 3 w.; • Lemessos,

Agia Mavri; 34.8461, 32.8687; 720 m alt.; 20.VII–03.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Platanus* sp., next to riverbank, previously identified as *Pheidole pallidula*; ZMUA, 1 w.; • Lemessos, Koilani; 34.85, 32.8509; 980 m alt.; 3–17.VIII.2013; Katerina Leonidou leg.; pitfall traps, vineyard, next to phrygana, previously identified as *Messor structor*; ZMUA, 1 w.; • Lemessos, Koilani; 34.85, 32.8509; 980 m alt.; 3–17.VIII.2013; Katerina Leonidou leg.; pitfall traps, vineyard, next to phrygana, previously identified as *Pheidole pallidula*; ZMUA, 3 w.; • Lemessos, Koilani; 34.85, 32.8509; 980 m alt.; 20.VII–03.VIII.2013; Katerina Leonidou leg.; pitfall traps, vineyard, next to phrygana, previously identified as *Pheidole pallidula*; ZMUA, 3 w.; • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 10–20.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees, previously identified as *Monomorium nitidiventre*; ZMUA, 1 w.; • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 20–28.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees, previously identified as *Monomorium nitidiventre*; ZMUA, 3 w.; • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 30.VII–10.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees, previously identified as *Monomorium nitidiventre*; ZMUA, 1 w.; • Lemessos, Platres, to Kalidionion waterfalls; 34.8984, 32.8671; 1270 m alt.; 12.V.2007; Anastasios Legakis leg.; ZMUA, 1 w.; • Lemessos, Lofou; 34.8175, 32.8751; 750 m alt.; 12.V.2007; Anastasios Legakis leg.; previously identified as *Pheidole pallidula*; ZMUA, 1 w.; • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 21.VII–4.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300m from the sea, phrygana with *Ceratonia siliqua*; ZMUA, 4 w.; • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 4–18.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*, previously identified as *Pheidole pallidula*; ZMUA, 5 w.; • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 21.VII–4.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*, previously identified as *Pheidole pallidula*; ZMUA, 1 w.; • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 21.VII–4.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*, previously identified as *Trichomyrmex perplexus*; ZMUA, 1 w.; • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 4–18.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*, previously identified as *Monomorium nitidiventre*; ZMUA, 2 w.–Paphos • Pafos, Pegeia, Kampinariou; 34.8881, 32.3804; 287 m alt.; 16–26.VIII.2013; Charoula Tsipouridou leg.; phrygana next to road, close to houses, pitfall traps, ethylene glycol, previously identified as *Pheidole pallidula*; ZMUA, 1 w.; • Pafos, Pegeia, Kampinariou; 34.8881, 32.3804; 287 m alt.; 31.VII–16.VIII.2013; Charoula Tsipouridou leg.; phrygana next to road, close to houses, pitfall traps, ethylene glycol, previously identified as *Pheidole pallidula*; ZMUA, 2 w.; • Pafos, Pegeia, Kampinariou; 34.8881, 32.3804; 287 m alt.; 16–26.VIII.2013; Charoula Tsipouridou leg.; phrygana next to road, close to houses, pitfall traps, ethylene glycol, previously identified as *Monomorium nitidiventre*; ZMUA, 3 w.; • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 16–23.VIII.2013; Charoula Tsipouridou leg.; phrygana, 200 m from sea, pitfall traps, ethylene glycol, previously identified as *Pheidole pallidula*; ZMUA, 2 w.; • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 16–30.VII.2013; Charoula Tsipouridou leg.; phrygana, 200 m from sea, pitfall traps, ethylene glycol, previously identified as *Pheidole pallidula*; ZMUA, 1 w.; • Pafos, Pegeia, Pikni forest; 34.8966, 32.3702; 375 m alt.; 5–19.VIII.2013; Charoula Tsipouridou leg.; *Pinus halepensis* forest, pitfall traps, ethylene glycol, previously identified as *Monomorium nitidiventre*; ZMUA, 1 w.

### *Solenopsis* cf. *cypridis*

**Limassol** • Lemessos, Koilani; 34.85, 32.8509; 980 m alt.; 3–17.VIII.2013; Katerina Leonidou leg.; pitfall traps, vineyard, next to phrygana, previously identified as *Solenopsis fugax*; ZMUA, 1 w.

### *Temnothorax recedens* (Nylander, 1856)

*Myrmica recedens* Nylander, 1856

**Limassol** • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 4–18.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*, previously identified as *Monomorium nitidiventre*; ZMUA, 1 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 4–18.VIII.2013; Katerina Leonidou

leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*, previously identified as *Monomorium bicolor*; ZMUA, 1 w.—**Paphos** • Pafos, Pegeia, Pikni forest; 34.8966, 32.3702; 375 m alt.; 5–19.VIII.2013; Charoula Tsipouridou leg.; *Pinus halepensis* forest, pitfall traps, ethylene glycol, previously identified as *Pheidole pallidula*; ZMUA, 1 w. • Pafos, Pegeia, Pikni forest; 34.8966, 32.3702; 375 m alt.; 21.VII–5.VIII.2013; Charoula Tsipouridou leg.; *Pinus halepensis* forest, pitfall traps, ethylene glycol, previously identified as *Pheidole pallidula*; ZMUA, 3 w. • Pafos, Pegeia, Pikni forest; 34.8966, 32.3702; 375 m alt.; 21.VII–5.VIII.2013; Charoula Tsipouridou leg.; *Pinus halepensis* forest, pitfall traps, ethylene glycol, previously identified as *Monomorium nitidiventre*; ZMUA, 1 w.

### ***Temnothorax kykkos* Salata, Demetriou, Georgiadis & Borowiec, 2024**

**Akrotiri UK Sovereign Base Area** • Lemessos, Akrotiri, Lady's Mile beach; 34.5962, 33.0073; 2 m alt.; 4.V.2008; Savvas Zotos leg.; pitfall traps phrygana and sand dunes, previously identified as *Monomorium cf. dentigerum*; ZMUA, 1 w.

### ***Tetramorium indocile* Santschi, 1927—new record for Cyprus**

*Tetramorium caespitum* var. *indocile* Santschi, 1927

**Paphos** • Pafos, Lara, White River beach; 34.9118, 32.3265; 12 m alt.; 18.VII–02.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Monomorium nitidiventre*; ZMUA, 1 w.

### ***Tetramorium cf. flavidulum***

**Nicosia** • Lefkosia, Lythrodontas, Gyalias; 34.9713, 33.2856; 420 m alt.; 23.II.2007; Anastasios Legakis leg.; ZMUA, 2 w..

### ***Trichomyrmex perplexus* (Radchenko, 1997)**

*Monomorium perplexum* Radchenko, 1997

**Limassol** • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 30.VII–10.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees; ZMUA, 1 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 30.VII–10.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees previously identified as *Messor wasmanni*; ZMUA, 1 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 30.VII–10.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees previously identified as *Solenopsis sp.*; ZMUA, 1 w. • Lemessos, Fasoula; 34.7263, 33.0364; 250 m alt.; 10–20.VIII.2013; Katerina Leonidou leg.; pitfall traps, phrygana, scarce trees, previously identified as *Messor wasmanni*; ZMUA, 3 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 4–18.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*, previously identified as *Messor wasmanni*; ZMUA, 1 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 21.VII–04.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*, previously identified as *Messor meridionalis*; ZMUA, 1 w. • Lemessos, Pissouri, Trachonas 1; 34.6472, 32.6951; 225 m alt.; 21.VII–04.VIII.2013; Katerina Leonidou leg.; pitfall traps, 300 m from the sea, phrygana with *Ceratonia siliqua*; ZMUA, 2 w. • Lemessos, Pissouri, Trachonas 2; 34.6636, 32.6892; 820 m alt.; 21.VII–4.VIII.2013; Katerina Leonidou leg.; pitfall traps, *Pinus brutia* forest, previously identified as *Messor wasmanni*; ZMUA, 3 w.—**Paphos** • Pafos, Lara, White River Beach; 34.9118, 32.3265; 12 m alt.; 17–24.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Monomorium dentigerum*; ZMUA, 1 w. • Pafos, Lara, White River Beach; 34.9118, 32.3265; 12 m alt.; 18.VII–02.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Monomorium dentigerum*; ZMUA, 3



w. • Pafos, Lara, White River Beach; 34.9118, 32.3265; 12 m alt.; 2–17.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Monomorium dentigerum*; ZMUA, 4 w. • Pafos, Lara, White River Beach; 34.9118, 32.3265; 12 m alt.; 18.VII–02.VIII.2013; Charoula Tsipouridou leg.; sand dunes, 10 m from the sea, pitfall traps, ethylene glycol, previously identified as *Monomorium nitidiventre*; ZMUA, 2 w. • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 30.VII–16.VIII.2013; Charoula Tsipouridou leg.; phrygana, 200 m from sea, pitfall traps, ethylene glycol, previously identified as *Monomorium dentigerum*; ZMUA, 3 w. • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 16–30.VII.2013; Charoula Tsipouridou leg.; phrygana, 200 m from sea, pitfall traps, ethylene glycol, previously identified as *Monomorium dentigerum*; ZMUA, 3 w. • Pafos, Kato Pafos, Faros; 34.7606, 32.4058; 15 m alt.; 16–30.VII.2013; Charoula Tsipouridou leg.; phrygana, 200 m from sea, pitfall traps, ethylene glycol, previously identified as *Messor cf. oertzeni*; ZMUA, 1 w. • Pafos, Pegeia, Kampinariou; 34.8881, 32.3804; 287 m alt.; 31.VII–16.VIII.2013; Charoula Tsipouridou leg.; phrygana next to road, close to houses, pitfall traps, ethylene glycol, previously identified as *Monomorium dentigerum*; ZMUA, 4 w. • Paros, Pegeia, Kampinariou; 34.8881, 32.3804; 287 m alt.; 16–26.VIII.2013; Charoula Tsipouridou leg.; phrygana next to road, close to houses, pitfall traps, ethylene glycol, previously identified as *Monomorium dentigerum*; ZMUA, 2 w. • Pafos, Pegeia, Kampinariou; 34.8881, 32.3804; 287 m alt.; 31.VII–16.VIII.2013; Charoula Tsipouridou leg.; phrygana next to road, close to houses, pitfall traps, ethylene glycol, previously identified as *Pheidole pallidula*; ZMUA, 1 w. • Pafos, Pegeia, Pikni forest; 34.8966, 32.3702; 375 m alt.; 21.VII–5.VIII.2013; Charoula Tsipouridou leg.; *Pinus halepensis* forest, pitfall traps, ethylene glycol, previously identified as *Monomorium dentigerum*; ZMUA, 1 w. • Pafos, Skoulli riv.; 34.9791, 32.4568; 90 m alt.; 13.V.2007; Anastasios Legakis leg.; previously identified as *Monomorium dentigerum*; ZMUA, 1 w.

## Discussion

In this article, six new species are presented for the Cypriot myrmecofauna i.e. *T. festae* and *T. glabrella* (Dolichoderinae), *P. perperamus* and *P. xene* 1936 (Formicinae), *C. lorteti* and *T. indocile* (Myrmicinae), contributing to our knowledge of the island's biodiversity. In addition, distributional records of some alien species i.e. *C. cf. vitiosus*, *M. bicolor*, *P. longicornis* and *P. indica* are also provided, with the sole specimen of *C. cf. vitiosus* from Pissouri (225 m alt.) being only the second record of this enigmatic alien species on Cyprus, previously found in Cedar valley (approx. 1300 m alt.) (Salata *et al.* 2023a; Demetriou *et al.* 2023).

Following corrections to previously misidentified specimens or species erroneously included to the checklist provided in Georgiadis *et al.* (2017) as well as re-examinations and taxonomic changes in Cypriot ants (Borowiec & Salata 2012; Borowiec 2014; Salata *et al.* 2023a, b, c, 2024; Seifert 2020; Csösz *et al.* 2023; Seifert *et al.* 2024) the following species are excluded from the fauna of Cyprus: *Tapinoma cf. sessile*, *T. erraticum*, *T. simrothi*, *Camponotus aethiops*, *C. baldaccii*, *C. cf. universitatis*, *C. nodus*, *Lasius emarginatus*, *L. umbratus*, *Plagiolepis taurica*, *Aphaenogaster lesbica*, *A. subterranea*, *Crematogaster sordidula*, *Messor ebeninus*, *M. oertzeni*, *M. wasmanni*, *Monomorium cf. dentigerum*, *M. dentigerum*, *P. pallidula* and *Temnothorax graecus* (Table 2). Regarding *T. graecus*, the species is given as present on Cyprus on AntMaps in turn citing Santschi (1930) and Georgiadis *et al.* (2017). Nevertheless, upon inspection of relevant literature the species is not mentioned in Santschi (1930). The inclusion of the species on the checklist probably stems from its erroneous inclusion on AntMaps. Finally, reports of *Plagiolepis ampeloni* (Faber, 1969) for Cyprus first appear published in Georgiadis *et al.* (2017) and Seifert (2018). Nevertheless, these records probably stem from a specimen collected by the last author of the current paper in 2012, first identified and uploaded to AntWeb (2024) as *P. ampeloni* and then moved to a still undescribed, probably new species to science found under the name *Plagiolepis lb\_brac* in AntWeb (AntWeb: CASENT0906082—<https://www.antweb.org/specimenImages.do?name=casent0906082>). The second reported specimen of *P. ampeloni* (Georgiadis *et al.* 2017) proved to be a misidentification of *P. perperamus* thus, *P. ampeloni* should be removed from the checklist of Cypriot ants.

**TABLE 2.** Dubious species included in the checklist of Georgiadis *et al.* (2017) alongside notes on misidentifications. Species presented as new to Cyprus according to Georgiadis *et al.* (2017) are denoted with an asterisk (\*).

Species	Notes
<i>Tapinoma cf. sessile</i> *	no specimens with such label found in the examined material. Probably referring to a <i>T. phoeniceum</i> misidentified in the collection as <i>Tapinoma cf. semileve</i>
<i>Tapinoma erraticum</i> *	misidentification of <i>T. glabrella</i> , <i>T. phoeniceum</i> and <i>L. cyperus</i>
<i>Tapinoma simrothi</i>	misidentification of <i>T. festae</i> , <i>T. phoeniceum</i> and <i>P. pallescens</i>
<i>Tapinoma simrothi phoeniceum</i>	no specimens with such label found in the examined material
<i>Camponotus aethiops</i> *	misidentification of <i>C. sanctus</i>
<i>Camponotus baldaccii</i>	misidentification of <i>C. ceconii</i>
<i>Camponotus cf. universitatis</i> *	no specimens with such label found in the examined material
<i>Camponotus lateralis cypridis</i>	no specimens with such label found in the examined material
<i>Cataglyphis aenescens</i>	misidentification of <i>C. aphrodite</i>
<i>Cataglyphis albicans</i>	no specimens with such label found in the examined material
<i>Cataglyphis noda</i>	misidentification of <i>C. aphrodite</i>
<i>Lasius emarginatus</i> *	misidentification of <i>L. cyperus</i>
<i>Lasius umbratus</i> *	misidentification of <i>L. cyperus</i>
<i>Nylanderia jaegerskioeldi</i> *	misidentification of <i>P. longicornis</i>
<i>Plagiolepis ampeloni</i>	misidentification of <i>P. perperamus</i>
<i>Plagiolepis taurica</i> *	misidentification of <i>P. pallescens</i> and <i>P. xene</i>
<i>Aphaenogaster lesbica</i> *	misidentification of <i>A. syriaca</i>
<i>Aphaenogaster simonelli</i>	misidentification of <i>A. sporadis</i> and <i>A. syriaca</i>
<i>Aphaenogaster subterranea</i> *	misidentification of <i>C. cf. ionia</i>
<i>Crematogaster jehovae</i>	misidentification of <i>C. cf. ionia</i> , <i>C. cypria</i> and <i>C. lortetti</i>
<i>Crematogaster jehovae cypria</i> *	currently treated as an obsolete combination of <i>C. cypria</i>
<i>Crematogaster sordidula</i>	misidentification of <i>C. cf. ionia</i> , <i>C. cypria</i> and <i>C. inermis</i>
<i>Messor alexandri</i>	misidentification of <i>M. orientalis</i>
<i>Messor ebeninus</i> *	no specimens with such label found in the examined material
<i>Messor intermedius</i>	misidentification of <i>M. bucephalus</i>
<i>Messor meridionalis</i>	misidentification of <i>M. bucephalus</i> , <i>M. orientalis</i> and <i>T. perplexus</i>
<i>Messor oertzeni</i>	misidentification of <i>T. perplexus</i>
<i>Messor structor</i>	misidentification of <i>A. sporadis</i> , <i>M. bucephalus</i> , <i>M. orientalis</i> and <i>P. koshewnikovi</i>
<i>Messor wasmanni</i>	misidentification of <i>M. bucephalus</i> , <i>M. orientalis</i> and <i>T. perplexus</i>
<i>Monomorium cf. dentigerum</i> *	misidentification of <i>T. kykkos</i>
<i>Monomorium dentigerum</i> *	misidentification of <i>T. perplexus</i>
<i>Monomorium nitidiventre</i>	misidentification of <i>M. bicolor</i> , <i>M. subopacum</i> , <i>P. koshewnikovi</i> , <i>T. recedens</i> , <i>T. indocile</i> and <i>T. perplexus</i>
<i>Pheidole pallidula</i>	misidentification of <i>Lepisiota</i> sp., <i>A. splendida</i> , <i>P. indica</i> , <i>P. koshewnikovi</i> , <i>T. recedens</i> , <i>T. cf. flavidulum</i> and <i>T. perplexus</i>
<i>Solenopsis fugax</i>	one specimen identified as <i>S. cf. cypridis</i>
<i>Solenopsis fugax cypridis</i>	
<i>Temnothorax graecus</i>	no specimens with such label found in the examined material
<i>Tetramorium rhodium</i>	misidentification of <i>A. sporadis</i>
<i>Hypoponera eduardi</i>	no specimens with such label found in the examined material

Furthermore, dubious records repeated from scientific literature i.e. *Cataglyphis aenescens* (Radchenko 2007), *C. albicans* (Radchenko 2007), *Aphaenogaster simonelli* (Emery 1915), *Crematogaster jehovae* (Sanetra & Fiedler 1996; Borowiec & Salata 2012; Borowiec 2014), and *Monomorium nitidiventre* (Emery 1908; Menozzi 1934; Hamann & Klemm 1967) are in need of confirmation, although we suggest their removal from the island's checklist based on examined material (Table 2) and surveys. Regarding the genus *Messor*, specimens of *M. orientalis* and *M. bucephalus* in the collection, were misidentified as *M. alexandri* and *M. intermedius*, respectively. Specimens previously identified as *M. meridionalis* were proved to be *M. bucephalus*, *M. orientalis*, or *T. perplexus*. Although Salata *et al.* (2023c) argued the assignment of all literature records of *M. alexandri*, *M. oertzeni* and *M. structor* from Cyprus to *M. orientalis* and those of *M. intermedius*, *M. meridionalis*, and *M. wasmanni* to *M. syriacus*, this was not the case (Table 2). As such, specimens of the aforementioned species as well as other *Messor* spp. in museum and private collections should be re-examined. Literature records of *M. alexandri* (Menozzi 1929), *M. intermedius* (Santschi 1939), *M. meridionalis* (Santschi 1939) and *M. structor* (Borowiec & Salata 2012; Borowiec 2014; Stalling 2017) remain as dubious, although *M. meridionalis* is considered as a *species dubium* (Borowiec & Salata 2020) and *M. structor* has been shown as a cluster of cryptic species (Steiner *et al.* 2018).

Regarding synonymies *Camponotus lateralis cypridis* Santschi, 1939 is currently considered a junior synonym of *Camponotus rebecca* Forel, 1913 (Seifert 2019), *Crematogaster jehovae cypria* is an obsolete combination of *Crematogaster cypria* Santschi, 1930 (Salata & Borowiec 2015b) and *Solenopsis fugax cypridis* Santschi, 1934 was recently elevated to the species rank *Solenopsis cypridis* Santschi, 1934 (Csösz *et al.* 2023). *Monomorium cf. dentigerum* and *M. dentigerum* (Roger, 1862), an obsolete combination of *Trichomyrmex dentigera* (Roger, 1862), were reported as the first record for the island. Nevertheless, upon inspection, these were identified as *Temnothorax kykkos* (Salata *et al.* 2024) and *Trichomyrmex perplexus* (Radchenko, 1997), respectively.

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## References

- Agosti, D. & Collingwood, C.A. (1987) 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.
- AntWeb (2024) AntWeb. Version 8.106.1. California Academy of Science. Available from: <https://www.antweb.org> (accessed 10 May 2024)
- Bibby, C.J., Crosby, M.J., Heath, M.F., Johnson, T.H., Long, T.H., Sattersfield, A.J. & Thirgood, S.J. (1992) *Putting Biodiversity on the Map: Global Priorities for Conservation*. International Council for Bird Preservation, Cambridge, 72 pp.
- Borowiec, L. & Salata, S. (2012) Ants of Greece - checklist, comments and new faunistic data (Hymenoptera: Formicidae). *Genus*, 23 (4), 461–563.
- Borowiec, L. & Salata, S. (2020) Review of ants (Hymenoptera: Formicidae) from Jordan. *Annals of the Upper Silesian Museum in Bytom, Entomology*, 29 (2), 1–26. <https://doi.org/10.5281/zenodo.3733156>
- Borowiec, L. (2014) Catalogue of ants of Europe, the Mediterranean Basin and adjacent regions (Hymenoptera: Formicidae). *Genus*, 25 (1–2), 1–340.
- Cheikh Albassatneh, M., Escudero, M., Monnet, A.-C., Arroyo, J., Bacchetta, G., Bagnoli, F., Dimopoulos, P., Hampe, A., Leriche, A., Médail, F., Nikolic, T., Ponger, L., Vendramin, G.G. & Fady, B. (2021) Spatial patterns of genus-level phylogenetic

- endemism in the tree flora of Mediterranean Europe. *Diversity & Distributions*, 27 (5), 913–928.  
<https://doi.org/10.1111/ddi.13241>
- Csőszy, S., Seifert, B., László, M., Yusupov, Z.M. & Herczeg, G. (2023) Broadly sympatric occurrence of two thief ant species *Solenopsis fugax* (Latreille, 1798) and *S. juliae* (Arakelian, 1991) in the East European Pontic-Caspian region (Hymenoptera, Formicidae) is disclosed. *ZooKeys*, 1187, 189–222.  
<https://doi.org/10.3897/zookeys.1187.105866>
- Demetriou, J., Georgiadis, C., Martinou, A.F., Roy, H.E., Wetterer, J.K., Borowiec, L., Economo, E.P., Triantis, K.A. & Salata, S. (2023) Running rampant: the alien ants (Hymenoptera, Formicidae) of Cyprus. *Neobiota*, 88, 17–73.  
<https://doi.org/10.3897/neobiota.88.106750>
- Department of Forests (2023) Fauna of Cyprus. Available from: [https://www.moa.gov.cy/moa/fd/fd.nsf/fd66\\_en/fd66\\_en?OpenDocument](https://www.moa.gov.cy/moa/fd/fd.nsf/fd66_en/fd66_en?OpenDocument) (accessed 12 September 2023)
- Emery, C. (1908) Beiträge zur Monographie der Formiciden des paläarktischen Faunengebietes. (Hym.) Teil V. *Monomorium*. *Deutsche Entomologische Zeitschrift*, 1908, 663–686.
- Emery, C. (1915) 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.  
<https://doi.org/10.5962/bhl.part.14787>
- Georgiadis, C., Leonidou, K., Tsiouridou, C. & Legakis, A. (2017) The ant fauna of Cyprus [poster in Greek]. In: Lytra, I. & Perdakis, D. (Eds.), *Book of Abstracts. 17<sup>th</sup> Panhellenic Entomological Congress, Athens, 19–22 September 2017*. Agricultural University of Athens, Athens, pp. 51.  
<https://doi.org/10.13140/RG.2.2.19289.01123>
- Guénard, B., Weiser, M., Gomez, K., Narula, N. & Economo, E.P. (2017) The Global Ant Biodiversity Informatics (GABI) database: A synthesis of ant species geographic distributions. *Myrmecological News*, 24, 83–89.
- Hadjisterkotis, E. & Masala, B. (1995) Vertebrate extinction in Mediterranean islets: An example from Cyprus. *Biogeographia*, 18, 691–699.  
<https://doi.org/10.21426/B618110414>
- Hand, R., Hadjikyriakou, G.N. & Christodoulou, C.S. (2011) [continuously updated] Flora of Cyprus – a dynamic checklist. Available from: <http://www.flora-of-cyprus.eu/> (accessed 30 April 2024)
- Hand, R., Hadjikyriakou, G.N. & Christodoulou, C.S. (2019) Updated numbers of the vascular flora of Cyprus including the endemism rate. *Cypricola*, 13, 1–6.
- Hamann, H.H.F. & Klemm, W. (1967) Ergebnisse der zoologischen Nubien-Expedition 1962. Teil XXXIV. Hymenoptera - Formicidae. *Annalen des Naturhistorischen Museums in Wien*, 70, 411–421.
- Janicki, J., Narula, N., Ziegler, M., Guénard, B. & Economo, E.P. (2016) Visualizing and interacting with large-volume biodiversity data using client-server web-mapping applications: The design and implementation of antmaps.org. *Ecological Informatics*, 32, 185–193.  
<https://doi.org/10.1016/j.ecoinf.2016.02.006>
- Kass, J.M., Guénard, B., Dudley, K.L., Jenkins, C.N., Azuma, F., Fisher, B.L., Parr, C.L., Gibb, H., Longino, J.T., Ward, P.S., Chao, A., Lubertazzi, D., Weiser, M., Jetz, W., Guralnick, R., Blatrix, R., Des Lauriers, J., Donoso, D.A., Georgiadis, C., Gomez, K., Hawkes, P.G., Johnson, R.A., Lattke, J.E., MacGown, J.A., Mackay, W., Robson, S., Sanders, N.J., Dunn, R.R. & Economo, E.P. (2022) The global distribution of known and undiscovered ant biodiversity. *Science Advances*, 8 (31), eabp9908.  
<https://doi.org/10.1126/sciadv.abp9908>
- Menozi, C. (1929) Ricerche faunistiche nelle isole italiane dell'Egeo. Imenotteri (Formiche). *Archivio Zoologico Italiano*, 13, 145–146.
- Menozi, C. (1934) Reperti mirmecofaunistici raccolti dal Prof. L. di Caporiacco nelle oasi di Cufra e in altre località del deserto Libico. *Atti della Società dei Naturalisti e Matematici di Modena*, 65 [= (6)13], 153–166.
- Myers, N., Mittermeier, R., Mittermeier, C., da Fonseca, G.A.B. & Kent, J. (2000) Biodiversity hotspots for conservation priorities. *Nature*, 403 (6772), 853–858.  
<https://doi.org/10.1038/35002501>
- Radchenko, A. (2007) Fauna Europaea: Formicidae. In: Noyes, J. (Ed.), *Fauna Europaea: Hymenoptera: Apocrita. – Fauna Europaea*. Version 1.3. Available from: <http://www.faunaeur.org> (currently unavailable)
- Salata, S. & Borowiec, L. (2015a) A taxonomic revision of the genus *Oxyopomyrmex* André, 1881 (Hymenoptera: Formicidae). *Zootaxa*, 4025 (1), 1–66.  
<https://doi.org/10.11646/zootaxa.4025.1.1>
- Salata, S. & Borowiec, L. (2015b) Redescription of *Crematogaster cypria* Santschi, 1930, new status, with description of two new related species from Greece and Turkey (Hymenoptera, Formicidae). *ZooKeys*, 505, 59–77.  
<https://doi.org/10.3897/zookeys.505.9566>
- Salata, S., Borowiec, L. & Radchenko, A.G. (2018) Description of *Plagiolepis perperamus*, a new species from East-Mediterranean and redescription of *Plagiolepis pallescens* Forel, 1889 (Hymenoptera: Formicidae). *Annales Zoologici*, 68 (4), 809–824.  
<https://doi.org/10.3161/00034541ANZ2018.68.4.005>
- Salata, S., Georgiadis, C. & Borowiec, L. (2019) Invasive ant species (Hymenoptera: Formicidae) of Greece and Cyprus. *North-Western Journal of Zoology*, 15 (1), 13–23.



- Salata, S., Demetriou, J., Georgiadis, C. & Borowiec, L. (2023a) *Camponotus* Mayr, 1861 (Hymenoptera: Formicidae) of Cyprus: generic synopsis and description of a new species. *Asian Myrmecology*, 16, e016007.
- Salata, S., Demetriou, J., Georgiadis, C. & Borowiec, L. (2023b) The ant genus *Cataglyphis* Förster (Hymenoptera: Formicidae) in Cyprus. *Zootaxa*, 5264 (3), 301–322.  
<https://doi.org/10.11646/zootaxa.5264.3.1>
- Salata, S., Demetriou, J., Georgiadis, C. & Borowiec, L. (2023c) The genus *Messor* Forel, 1890 (Hymenoptera: Formicidae) in Cyprus. *Annales Zoologici*, 73 (2), 215–234.  
<https://doi.org/10.3161/00034541ANZ2023.73.2.006>
- Salata, S., Demetriou, J., Georgiadis, C. & Borowiec, L. (2024) The genus *Temnothorax* Mayr, 1861 (Hymenoptera: Formicidae) in Cyprus. *Zootaxa*, 5434 (1), 1–69.  
<https://doi.org/10.11646/zootaxa.5434.1.1>
- Sanetra, M. & Fiedler, K. (1996) Behaviour and morphology of an aphytophagous lycaenid caterpillar: *Cigaritis (Apharitis) acamas* Klug, 1834 (Lepidoptera: Lycaenidae). *Nota Lepidopterologica*, 18 (1), 57–76.
- Santschi, F. (1930) Trois notes myrmécologiques. *Bulletin et Annales de la Société Entomologique de Belgique*, 70, 263–270.
- Santschi, F. (1934) Contribution aux *Solenopsis* paléarctiques. *Revue Suisse de Zoologie*, 41, 565–592.  
<https://doi.org/10.5962/bhl.part.146021>
- Santschi, F. (1937) Contribution à l'étude des *Crematogaster* paléarctiques. *Mémoires de la Société Vaudoise des Sciences Naturelles*, 5, 295–317.
- Santschi, F. (1939) Trois notes sur quelques fourmis du Musée Royal d'Histoire Naturelle de Belgique. *Bulletin du Musée Royal d'Histoire Naturelle de Belgique*, 15, 1–15.
- Seifert, B. & Schultz, R. (2009) A taxonomic revision of the *Formica rufibarbis* Fabricius, 1793 group (Hymenoptera: Formicidae). *Myrmecological News*, 12, 255–272.
- Seifert, B. (2020) A taxonomic revision of the Palearctic members of the subgenus *Lasius* s.str. (Hymenoptera, Formicidae). *Soil Organisms*, 92 (1), 15–86.  
<https://doi.org/10.25674/so92iss1pp15>
- Seifert, B., Kaufmann, B. & Fraysse, L. (2024) A taxonomic revision of the Palearctic species of the ant genus *Tapinoma* Mayr 1861 (Hymenoptera: Formicidae). *Zootaxa*, 5435 (1), 1–74.  
<https://doi.org/10.11646/zootaxa.5435.1.1>
- Seifert, B. (2019) A taxonomic revision of the members of the *Camponotus lateralis* species group (Hymenoptera: Formicidae) from Europe, Asia Minor and Caucasia. *Soil Organisms*, 91 (1), 7–32.  
<https://doi.org/10.25674/so-91-1-02>
- Seifert, B. (2018) *The ants of Central and North Europe*. Lutra, Boxberg, 407 pp.
- Stalling, T. (2017) A new species of ant-loving cricket *Myrmecophilus* Berthold, 1827 from Cyprus (Orthoptera: Myrmecophilidae). *Zoology in the Middle East*, 63 (1), 63–67.  
<https://doi.org/10.1080/09397140.2017.1290764>
- Steiner, F.M., Csósz, S., Markó, B., Gamisch, A., Rinnhofer, L., Folterbauer, C., Hammerle, S., Stauffer, C., Arthofer, W. & Schlick-Steiner, B.C. (2018) Turning one into five: Integrative taxonomy uncovers complex evolution of cryptic species in the harvester ant *Messor "structor"*. *Molecular Phylogenetics and Evolution*, 127, 387–404.  
<https://doi.org/10.1016/j.ympev.2018.04.005>