



Some interesting new Orthoptera records from Greece, mainly from the Aegean Islands

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Abstract

We provide new faunistic data of Orthoptera from Greece, mostly from the Aegean Islands. For the fauna of Amorgos *Anadrymadusa brevipennis* is confirmed and *Acheta domesticus* is added. The latter is new to Kiklades. *Decticus albifrons*, *Grylotalpa* cf. *krimbasi*, *Gryllus bimaculatus* and *Paratettix meridionalis* are reported for the first time from Naxos, *Glyphanus obtusus* is reported from the highest known altitude and *Orchamus yersini* is added to the fauna of Ikaria.

Keywords: faunistic data, first record, species list

Zusammenfassung

Einige interessante neue Heuschreckenfunde für Griechenland, vornehmlich von den Ägäischen Inseln. Wir stellen neue faunistische Daten von Heuschrecken aus Griechenland, vor allem den Ägäischen Inseln, bereit. Für die Fauna von Amorgos wird *Anadrymadusa brevipennis* bestätigt und *Acheta domesticus* hinzugefügt. Letztere ist neu für Kiklades. *Decticus albifrons*, *Grylotalpa* cf. *krimbasi*, *Gryllus bimaculatus* und *Paratettix meridionalis* werden das erste Mal für Naxos gemeldet, für *Glyphanus obtusus* wird der bislang höchstgelegene Fundort beschrieben und *Orchamus yersini* wird der Fauna von Ikaria hinzugefügt.

Schlüsselwörter: Artenliste, Erstnachweis, Faunistische Daten

Orthoptera field research in the Aegean region can yield interesting results. In the past decade both authors collected and photographed grasshoppers in the Aegean area. The collected specimens are deposited at the newly established Korinthian Museum of Natural History, Korinthos (KMNH).

Gryllidae

***Acheta domesticus* (Linnaeus, 1753)**

Kiklades, Amorgos Isl., Kalokataritisa beach, 8.VIII.2019, 1♀, leg. S. Alexiou
New for Amorgos and Kiklades. This almost cosmopolitan species (Willemse et al. 2018) was found under a stone on a sandy beach at the southernmost part of the island, away from any human settlement.

***Gryllus bimaculatus* (De Geer, 1773)**

Kiklades, Naxos Isl., close to Chora, 29.VII.2019, 1♀, leg. S. Alexiou
New for Naxos. The fourth record for Kiklades after Santorini, Astypalea and Iraklia (Wilski 1902-1909, Willemse 1984, Alexiou & Papapavlou 2017).

Gryllotalpidae

***Gryllotalpa* cf. *kimbasi* (Baccetti, 1992)**

Kiklades, Naxos Isl., 23.XII.2011, 1♂, photo and observation by G. Gavalas
New for Naxos. Two *Gryllotalpa* species occur in Greece, *G. kimbasi* and *G. stepposa* (Zhantiev, 1991), which can only be separated by chromosome number (Willemse 1984, Iorgu et al. 2016, 2017). *Gryllotalpa kimbasi* (2n=19) is endemic to Greece, recorded from patches of mainland Greece (as far north as rivers Axios and Strimon), some Aegean islands as Kos and Rhodes as well as the Kiklades (Iorgu et al. 2016, 2017, Willemse et al. 2018). Records of *Gryllotalpa* species within Kiklades archipelago are known from Kea, Delos, Serifos, Amorgos and Iraklia (Willemse 1984, Alexiou & Papapavlou 2017, Willemse et al. 2018).

Tettigoniidae

***Decticus albifrons* (Fabricius, 1775)**

Kiklades, Naxos Isl., 10.VII. 2015, 1♂, photo and observation by G. Gavalas
New for Naxos. A common species in Greece, already known from several Kiklades islands (Willemse 1984, Willemse et al. 2018).

***Anadrymadusa brevipennis* (Brunner von Wattenwyl, 1882)**

Kiklades, Amorgos Isl., 8.VIII.2019, 2 ♀, leg. S. Alexiou
Confirmed for Amorgos. Two adult females were collected just outside of Chora. The existence of the species on Amorgos was considered uncertain by Willemse (1984) as the report was based juveniles only. Here we confirm the presence of this Aegean endemic species on Amorgos as the specimens fit the description given by Karabag (1961).

Pamphagidae

***Glyphanus obtusus* (Fieber, 1853)**

Stereia Ellas, Attiki/Biotia, Mt. Kitheron, 12.IX.2020, 1395 m a.s.l., 1♀, leg. S. Alexiou
New for Mt. Kitheron. This monotypic genus is endemic to Greece (E Sterea Ellas and NE Peloponnisos) and has a low detection rate (Willemse 1984, Willemse et al. 2018). Two females were observed on a rocky slope. According to Willemse et

al. (2018), the elevation that the species has been observed is 275-1170 m, so the new locality represents a significant increase on that range.

***Orchamus yersini* (Brunner von Wattenwyl, 1882)**

North Aegean, Ikaria Isl., near Petropouli, 24.IX.2022, 1 ♂, leg. S. Alexiou

New for Ikaria Isl. *Orchamus yersini* (Fig. 1) is a rarely encountered eastern Mediterranean species (Willemse 1984, Massa 2009, Willemse et al. 2018). The single specimen was observed on a rock in open maquis.

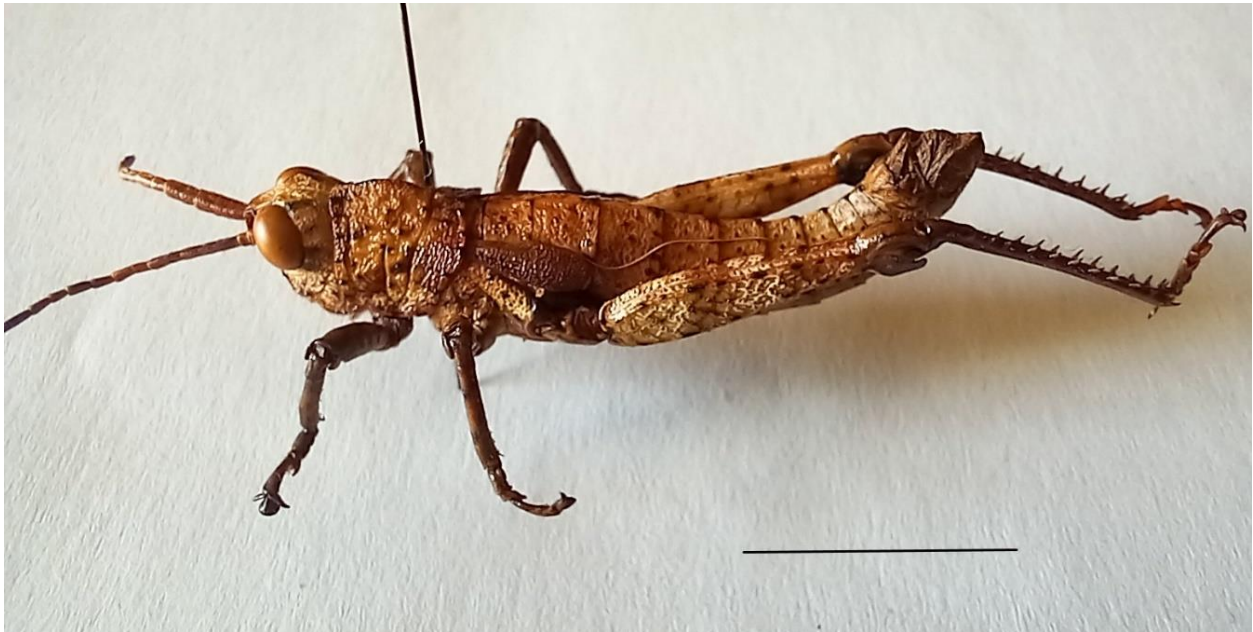


Fig. 1: *Orchamus yersini*, Ikaria, ♂, 24.IX. 2022 (scale bar: 1 cm).

Tetrigidae

***Paratettix meridionalis* (Rambur, 1838)**

Kyklades, Naxos Isl., 29.VII. 2019, 6♂, 3♀, 2 nymphs, leg. S. Alexiou and G. Gavalas
New for Naxos. A Mediterranean species, common in Greece. Second record for the Kyklades after Andros (Willemse 1984, Willemse et al. 2018).

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