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New Trichoptera records in islands of the Aegean

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Abstract. New faunistic data on Trichoptera collected during the summer of 2015 in South Euboea (Ochi region), Rhodos and Lesbos are presented. A new *Wormaldia* species was found in South Euboea which is described separately. *Hydropsyche peristerica*, *Thremma anomalum* and *Lepidostoma basale* are new for the fauna of South Euboea, while *Hydropsyche bulbifera* is new for the fauna of Rhodos and Lesbos. *Hydropsyche valkanovi* and *Micropterna caesareica* are new for Lesbos.

Key words: Caddisflies, new records, distribution, Rhodos, Lesbos, Euboea, Aegean Islands.

Introduction

The Trichoptera fauna of Greece is represented by 307 species, of which 72 are endemic (MALICKY 2005, KARAOUZAS & MALICKY 2015). A high proportion of endemism occurs in the Kyklades (including southern Euboea) and Crete. Until today, 35 caddis species have been recorded from southern Euboea (Mt. Ochi region) with 7 cycladic endemics; 36 from Lesbos with 1 endemic species, and 20 from Rhodos with three endemics (MALICKY 1979, 2005). In the present contribution, new regional records for the islands of Euboea, Rhodos and Lesbos are presented along with a list of species collected by the first author. – The names of authors are as in the book by MALICKY (2005) and are left away here. A new species of *Wormaldia* from south Euboea has been found and is described separately.

Material collected:

South Euboea

Prokopi, 38°42'N, 23°31'E, 112m, 2.5.2015

Hydropsyche instabilis 3♂

Platanistos, 38°01'N, 24°30'E, 200m, 4.5.2015

Rhyacophila fasciata kykladica 5♂

Allotrichia pallicornis 1♀

Philopotamus achemenos 17♂, 15♀

Wormaldia pulla 1♂

Plectrocnemia conspersa 2♂, 2♀

Tinodes portolafia 34♂, 16♀

Hydropsyche peristerica 11♂: First record for southern Euboea; so far, only known from the central and northern part of the island.

Micrasema minimum 25♂, 5♀

Lepidostoma basale 5♂, 1♀: First record for Euboea. So far only known from northwestern Greece.

Thremma anomalum 3♂

Karistos, 38°00'N, 24°28'E, 221m, 4.5.2015

Agapetus episkopi 1♂

Allotrichia pallicornis 1♂, 5♀

Wormaldia karystia 1♂, 1♀: new species: described on page 17 of this number.

Plectrocnemia conspersa 1♀

Polycentropus excisus 5♂, 6♀

Tinodes horstaspoecki 2♂, 2♀

Hydropsyche peristerica 4♂

Potami, 38°00'N, 24°33'E, 10m, 4.5.2015

Hydropsyche peristerica 4♂

Rhodos

Lutanis, 1 km E Epta Piges, 36°15'N, 28°06'E, 29.5.2015

Allotrichia teldanica 29♀

Hydroptila auge many ♂, ♀

Hydroptila rhodica many ♂, ♀

Oxyethira delcourti many ♂, ♀

Wormaldia asterusia 2♂

Polycentropus ierapetra 34♂, 16♀

Tinodes petaludes 2♂, 7♀

Hydropsyche bulbifera 1♂. New record for Rhodos.

Until today, only two endemic *Hydropsyche* were known from this island.

Hydropsyche machaon 46♂

Agios Nektarios, 36°15'N, 28°04'E, 174m, 29.5.2015

Allotrichia teldanica 3♀

Hydroptila auge 1♂

Oxyethira delcourti 5♂, 32♀

Wormaldia asterusia 12♂, 10♀

Polycentropus ierapetra 49♂, 39♀

Tinodes petaludes 1♂, 16♀

Hydropsyche machaon 9♂

Lesbos

Argennos, 39°21'N, 26°15'E, 450m, 18.5.2015

Agapetus lepetimnos 7♂, 8♀

Oxyethira delcourti 2♂, 4♀

Philopotamus achemenos 4♂, 14♀

Wormaldia asterusia 35♂, 51♀

Polycentropus ierapetra 23♂, 13♀

Hydropsyche bulbifera 3♂. New record for Lesbos.

Hydropsyche valkanovi 5♂. New record for Lesbos.

Until now, only *H. cetibeli* and *H. sappho* were known from this island.

Tinodes rauschi 5♂, 7♀

Mesophylax impunctatus aduncus 1♂

Micropterna caesareica 1♂. New record for Lesbos

Micropterna coiffaiti 13♂, 17♀

Stenophylax permistus 1♂

3 km N of Plomari, 39°00'N, 26°23'E, 130m, 19.5.2015

Wormaldia asterusia >200♂ + ♀

Micropterna coiffaiti 1♀

Pelopi, 39°19'N, 26°17'E, 354m, 18.5.2015

Rhyacophila nubila 1♂, 1♀

Agapetus lepetimnos 8♂, 26♀

Allotrichia pallicornis 1♂

Philopotamus achemenos 6♂, 8♀

Wormaldia asterusia 25♂, 29♀

Polycentropus ierapetra 15♂, 15♀

Tinodes rauschi 1♂, 4♀

Hydropsyche bulbifera 1♂

Hydropsyche valkanovi 3♂

Hydropsyche cetibeli 11♂

Hydropsyche sappho 9♂

Adicella syriaca 2♀

Athripsodes longispinosus 1♀

References

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