

## 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 montanus* 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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