

First comprehensive contribution to the knowledge of the lepidopteran fauna of Gioia Tauro Plain, South Italy (Lepidoptera)

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Annex 1. Checklist of species known for the study area before the present study.

Tortricidae

Aethes williana (Brahm, 1791) – San Ferdinando (Trematerra *et al.*, 2018).

Aethes bilbaensis (Rössler, 1877) – San Ferdinando (Trematerra *et al.*, 2018).

Cacoecimorpha pronubana (Hübner, 1799) – San Ferdinando (Trematerra *et al.*, 2018).

Zygaenidae

Zygaena (Agrumenia) carniolica (Scopoli, 1763) – Palmi (Barrett, 1912).

Sesiidae

Synanthedon myopaeformis (Borkhausen, 1789) – Palmi (Lucchese, 1938).

Lasiocampidae

Malacosoma (Clisiocampa) neustria (Linnaeus, 1758) – Rosarno (Costa O.G., 1832-1836).

Hesperiidae

Thymelicus acteon (Rottemburg, 1775) – Rosarno (Balletto *et al.*, 2005).

Papilionidae

Iphiclides podalirius (Linnaeus, 1758) – Palmi (Barrett, 1912); Gioia Tauro (Stauder, 1915-1916); Rosarno (Balletto *et al.*, 2005b).

Papilio machaon Linnaeus, 1758 – Rosarno (Balletto *et al.*, 2005b).

Pieridae

Aporia crataegi (Linnaeus, 1758) – Fiume Petrace (Stauder, 1923-1924).

Pieris mannii (Mayer, 1851) – Fiume Petrace (Stauder, 1923-1924); Gioia Tauro, Palmi (Stauder, 1923-1924).

Pontia edusa (Fabricius, 1777) – Rosarno (Balletto *et al.*, 2005b).

Colias croceus (Fourcroy, 1785) – Gioia Tauro (Stauder, 1915-1916).

Colias alfacariensis Ribbe, 1905 – Fiume Petrace (Stauder, 1923-1924). The report for locations at such low altitudes deserve confirmation.

Gonepteryx rhamni (Linnaeus, 1758) – Gioia Tauro (Stauder, 1923-1924).

Lycaenidae

Satyrium ilicis (Esper, 1779) – Gioia Tauro (Barrett, 1912).

Nymphalidae

Libythea celtis (Laicharting, 1782) – Palmi (Verity, 1950-1951).

Argynnis (Argynnis) paphia (Linnaeus, 1758) – Lago di Rosarno (Petagna, 1786).

Vanessa cardui (Linnaeus, 1758) – Fiume Petrace (Stauder, 1923-1924); Gioia Tauro (Balletto *et al.*, 2005b).

Polygonia c-album (Linnaeus, 1758) – Drosi (Petagna, 1786).

Polygonia egea (Cramer, 1775) – Fiume Petrace, Gioia Tauro (Stauder, 1923-1924).

Melitaea didyma (Esper, 1778) – Gioia Tauro (Stauder, 1915-1916); Palmi (Balletto *et al.*, 2005b).

Charaxes jasius (Linnaeus, 1767) – Gioia Tauro (Longo *et al.*, 2000).

Coenonympha pamphilus (Linnaeus, 1758) – Gioia Tauro (Stauder, 1915-1916).

Pyronia (Idata) cecilia (Vallantin, 1894) – Fiume Petrace (Stauder, 1915-1916).

Hipparchia (Parahipparchia) neapolitana (Stauder, 1921) – Fiume Petrace (Stauder, 1923-1924).

Danaus (Anosia) chrysippus (Linnaeus, 1758) – Rosarno (Hensle, 2000).

Melanargia russiae (Esper, 1783) – Gioia Tauro (Balletto *et al.*, 2005b). This record should be confirmed.

Melanargia galathea (Linnaeus, 1758) – Lago di Rosarno (Petagna, 1786); Gioia Tauro (Barrett, 1912)

Melanargia arge (Sulzer, 1776) – Palmi (Nardelli & Giandolfo, 1994).

Geometridae

Rhodostrophia calabra (Petagna, 1786) – Fiume Petrace (Stauder, 1923-1924).

Rhodometra sacraria (Linnaeus, 1767) – Gioia Tauro (Stauder, 1915-1916).

Charissa (Charissa) obscurata (Denis & Schiffermüller, 1775) – Palmi (Flamigni *et al.*, 2016).

Erebidae

Lymantria dispar (Linnaeus, 1758) – Bosco di Gioia Tauro (Barrett, 1912).