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**The Nepticulidae and Opostegidae of mainland France and Corsica:
an annotated catalogue (Lepidoptera: Nepticuloidea)**

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Abstract

An annotated catalogue of the Nepticulidae and Opostegidae of mainland France (including Monaco) and Corsica is presented. All previous literature records are given and interpreted where necessary. We provide detailed records for material collected and studied by us. A total of 150 species of Nepticulidae and 6 species of Opostegidae are listed. All but one Nepticulidae are recorded from mainland France, 46 Nepticulidae and 2 Opostegidae are listed for Corsica, and two Nepticulidae and one Opostegidae for Monaco. The following species are recorded for the first time from France (mainland only): *Stigmella carpinella* (Heinemann, 1862), *S. vimineticola* (Frey, 1856), *Trifurcula (Glaucolepis) magna* A. & Z. Laštůvka, 1997 and *Ectoedemia hexapetalae* (Szócs, 1957); *Parafomoria halimivora* Van Nieukerken, 1985 also is reported for France on re-interpretation of earlier literature records of *P. helianthemella*. New for mainland France but known from Corsica is *Ectoedemia heringella* (Mariani, 1939). New for Corsica, but previously known from France are: *Stigmella luteella* (Stainton, 187), *Trifurcula (Levarchama) eurema* (Tutt, 1899), *T. (Trifurcula) josefkimeschi* Van Nieukerken, 1990, *T. (T.) calycotomella* A. & Z. Laštůvka, 1997, *Bohemannia quadrimaculella* (Boheman, 1853), and *Ectoedemia (Ectoedemia) occultella* (Linnaeus, 1767). The following species are removed from the list: *Stigmella pretiosa* (Heinemann, 1862) and *S. poterii* (Stainton, 1857), both from mainland France and Corsica, and *Trifurcula (Trifurcula) pallidella* (Duponchel, 1839) from mainland France, but it does occur in Corsica. The occurrence in France of *Stigmella stelviana* (Weber, 1938), *Trifurcula (T.) serotinella* (Herrich-Schäffer, 1855), and *Ectoedemia arcuatella* (Herrich-Schäffer, 1855) is confirmed, and for 15 species previously recorded in checklists, we provide the first detailed records for mainland France, and for four species for Corsica. The following new host records are given: *Stigmella centifoliella* (Zeller, 1848) reared from *Alchemilla* sp. (from label data of Chrétien); *T. (Glaucolepis) magna* reared from *Thymus* (from label data of Chrétien); *T. (T.) silviae* mines were found on *Onobrychis viciifolia*. The female genitalia of *T. magna* are illustrated and described for the first time. A lectotype is selected for *Nepticula teuciella* Chrétien, 1914 (now in *Trifurcula (Glaucolepis)*). The type locality for *Trifurcula luteola* is established to be in Alpes-de-Haute-Provence and not in Aude. The richest départements are: 66-Pyrénées-Orientales with 70 species, 77- Seine-et-Marne with 65 species, 68-Haut-Rhin with 58 and 33-Gironde with 57.

Résumé

Catalogue raisonné des Nepticulidae et Opostegidae de France continentale et de Corse (Lepidoptera : Nepticuloidea)

Nous proposons ici un catalogue raisonné des Nepticulidae et Opostegidae vivant en France continentale (Monaco inclus) et en Corse. Toutes les données précédemment publiées sont récapitulées et, éventuellement, réinterprétées. Nous fournissons des indications détaillées au sujet du matériel que nous avons pu récolter et étudier. En tout sont énumérées 150 espèces de Nepticulidae et 6 espèces d'Opostegidae ; toutes sont signalées de France continentale, à l'exception d'une espèce de Nepticulidae ; 46 Nepticulidae et 2 Opostegidae se rencontrent en Corse ; deux Nepticulidae et un Opostegidae sont signalées de Monaco. Les espèces suivantes sont signalées de France (continentale, uniquement) pour la première fois : *Stigmella carpinella* (Heinemann, 1862), *S. vimineticola* (Frey, 1856), *Trifurcula (Glaucolepis) magna* A. & Z. Laštůvka, 1997, *Ectoedemia hexapetalae* (Szócs, 1957); *Parafomoria halimivora* Van Nieukerken, 1985 est également signalé de France, ceci sur la base d'une interprétation de données de la littérature ancienne (relatives à « P.