

## Abstract

The Gelechiidae (Gelechiinae: Teleiodini and Gelechiini) of Europe are reviewed. A total of 151 species is recognized. Short diagnoses are accompanied by colour figures of the adults and b/w photographs of male and female genitalic characters. Notes on the distribution and biology are added for every species.

Ten new species are described: *Stenolechiodes macrolepiellus* sp.n. (Greece), *Teleiodes albidorsella* (Spain), *Carpatolechia intermediella* sp.n. (Spain), *Pseudotelphusa occidentella* sp.n. (Morocco, Portugal, Spain, France), *Xenolechia pseudovulgella* sp.n. (Greece, Turkey), *Xenolechia lindae* sp.n. (Greece), *Altenia elsneriella* sp.n. (Croatia, Macedonia, Greece, Cyprus), *Mirificarma pederskoui* sp.n. (Spain), *Aroga balcanicola* sp.n. (Macedonia, Greece, Iran), and *Neofriseria baungardiella* sp.n. (Greece, Spain).

The following new synonymies are established: *Gelechia oribatella* Rebel, 1918 syn.n. of *Exoteleia succinctella* (Zeller, 1872); *Gelechia nigristrigella* Wocke, 1898 syn.n. of *Teleiodes saltuum* (Zeller, 1878); *Gelechia pisticella* Nowicki, 1860 syn.n. of *Carpatolechia decorella* (Haworth, 1812); *Klaussattleria vovkella* Piskunov, 1973 syn.n. of *Carpatolechia fugitivella* (Zeller, 1839); *Teleia proximella* var. *peritella* Constant, 1885 syn.n. of *Carpatolechia proximella* (Hübner, 1796); *Gelechia decuriella* Mann, 1872 and *Teleia trifasciella* Rebel, 1916 syn.n. of *Pseudotelphusa istrella* (Mann, 1866); *Teleia comedonella* Staudinger, 1879, *Teleia gravosensis* Rebel, 1937, *Teleia angustipennis* Rebel, 1941 and *Teleia funebrella* Rebel, 1941 syn.n. of *Istrianis femoralis* (Staudinger, 1876); *Telphusa (Teleia) ostentella* Zerny, 1934 syn.n. of *Streyella anguinella* (Herrich-Schäffer, 1861); *Gelechia squamulella* Peyerimhoff, 1871 syn.n. of *Xenolechia aethiops* (Humphreys & Westwood, 1845); *Gelechia confusella* Heinemann, 1870: 207 syn.n. of *Gelechia scotinella* Herrich-Schäffer, 1854; *Gelechia peperistis* Meyrick, 1926 syn.n. of *Aroga velocella* (Duponchel, 1838); *Gelechia fuscantella* Heinemann, 1870 syn.n. of *Filatima spurcella* (Duponchel, [1843]).

The following new combinations are introduced: *Recurvaria thomeriella* (Chrétien, 1901) comb.n.; *Carpatolechia decorella* (Haworth, 1812) comb.n.; *C. aenigma* (Sattler, 1983) comb.n., *C. fugitivella* (Zeller, 1839) comb.n., *C. fugacella* (Zeller, 1839) comb.n., *C. minor* (Kasy, 1979) comb.n., *C. alburnella* (Zeller, 1839) comb.n., *C. notatella* (Hübner, [1813]) comb.n., *C. proximella* (Hübner, 1796) comb. n., *C. epomidella* (Tengström, 1869) comb. n.; *Istrianis femoralis* (Staudinger, 1876) comb.n., *I. brucinella* (Mann, 1872) comb.n., *I. wachtlia* (Rogenhofer, 1881) comb.n.; *Streyella anguinella* (Herrich-Schäffer, 1861) comb.n.; *Altenia wagneriella* (Rebel, 1926) comb.n., *A. modesta* (Danilevsky, 1955) comb.n.

The following taxa are recalled from synonymy: *Carpatolechia* Capuse, 1964 gen.rev. and *Filatima angustipennis* sp.rev.

Lectotypes are designated for the following taxa: *Gelechia cisti* Stainton, 1869, *Gelechia oribatella* Rebel, 1918; *Stenolechia lunaki* Rebel, 1941; *Gelechia nigristrigella* Wocke, 1898; *Gelechia istrella* Mann, 1866; *Teleia trifasciella* Rebel, 1916; *Istrianis wachtlia* Rogenhofer, 1881; *Teleia femoralis* Staudinger, 1876; *Teleia comedonella* Staudinger, 1879; *Teleia gravosensis* Rebel, 1937; *Teleia angustipennis* Rebel, 1941; *Gelechia anguinella* Herrich-Schäffer, 1861; *Telphusa (Teleia) ostentella* Zerny, 1934; *Gelechia turbidella* Nolcken, 1871; *Gelechia pribitzeri* Rebel, 1889.