



The nine western Palaearctic species of the subgenus *Zimmermannia* Hering, 1940 and 48 species in the subgenus *Ectoedemia* Busck, 1907 of the genus *Ectoedemia* are reviewed. One species in the subgenus *Zimmermannia* and four species in the subgenus *Ectoedemia* are described as new: *Ectoedemia* (*Zimmermannia*) *vivesi* A. Laštůvka, Z. Laštůvka & Van Nieukerken **sp. n.** from southern Spain and Cyprus with unknown host plant, *Ectoedemia* (*E.*) *hendrikseni* A. Laštůvka, Z. Laštůvka & Van Nieukerken **sp. n.** from southern France on *Quercus suber*, *E.* (*E.*) *beckfordi* Van Nieukerken, A. Laštůvka & Z. Laštůvka **sp. n.** from southern England on *Quercus petraea* and *Q. robur*, *E.* (*E.*) *phaeolepis* Van Nieukerken, A. Laštůvka & Z. Laštůvka **sp. n.** from Spain and Portugal probably on *Quercus ilex* and *Q. rotundifolia* and *E.* (*E.*) *coscoja* Van Nieukerken, A. Laštůvka & Z. Laštůvka **sp. n.** from Spain on *Quercus coccifera*. The following species are redescribed: *Ectoedemia* (*Zimmermannia*) *hispanica* Van Nieukerken 1985, *Ectoedemia* (*Zimmermannia*) *reichli* Z. & A. Laštůvka 1998, *Ectoedemia* (*E.*) *algeriensis* van Nieukerken 1985, *E.* (*E.*) *pseudoilicis* Z. & A. Laštůvka 1998 and *E.* (*E.*) *alnifoliae* van Nieukerken 1985. *Ectoedemia albiformae* Puplesis & Diškus 2003 is synonymised with *E. spinosella* (Joannis, 1908). *Ectoedemia jacutica* Puplesis 1988, previously synonymised with *E. agrimoniae* (Frey, 1858), is here synonymised with *E. spiraeae* Gregor & Povolný 1983. Updated keys to the subgenus *Zimmermannia* and the *Quercus* feeding *Ectoedemia* are provided.

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**WESTERN PALAEARCTIC ECTOEDEMIA
(ZIMMERMANNIA) HERING AND
ECTOEDEMIA BUSCK S. STR.
(LEPIDOPTERA, NEPTICULIDAE):
FIVE NEW SPECIES AND NEW DATA
ON DISTRIBUTION, HOSTPLANTS
AND RECOGNITION**

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Ectoedemia (*Zimmermannia*) *vivesi* sp. n.

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