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**First record of *Chrysoperla lucasina* (Lacroix, 1912) to
Porto Santo Island, Madeira Archipelago
(Neuroptera: Chrysopidae)**

VENTURA, M. A. & M. T. PITA (2005). Primera cita de *Chrysoperla lucasina* (Lacroix, 1912) para la isla de Porto Santo (Archipiélago de Madeira) (Neuroptera: Chrysopidae). *VIERAEA* 33: 549.

Chrysopa (*Chrysoperla*) *lucasina* was first described by Lacroix in 1912 and later on considered a synonym to the holarctic *Chrysopa* (*Chrysoperla*) *carnea* Stephens, 1836 by Aspöck *et al.* (Aspöck, Aspöck & Hölzel, 1980: Goecke & Evers, Krefeld. 2 vols, 495 & 335 pp.). However, the discovery of a complex of cryptic species within *Ch. carnea* [Tauber & Tauber, 1986: *Canadian Journal of Zoology* 64: 875-884; Thierry, Cloupeau & Jarry, 1992: *Current Research in Neuropterology. Proceedings of the Fourth International Symposium on Neuropterology*. pp. 379-392; Wells & Henry, 1992: *Evolution* 46 (1): 31-42] has considerably changed the geographic range of the species, and led to the description of new species and the recovery of ancient ones.

Such was the case for *Ch. lucasina* that, apart from being considered a member of this palaeartic species complex (Henry, Brooks, Johnson & Duelli, 1996: *Systematic Entomology* 21: 205-218), was actually known to exist in Madeira Island since 1939 when Tjeder (1939: Svenska Vetenskapsademiens, Almqvist & Wiksells, Stockholm. 58 pp.) described a new endemic species to Madeira, *Chrysopa* (*Chrysoperla*) *maderensis*.

According to Leraut [1991: *Entomologica Gallica* 2 (2): 75-81], this ancient species corresponds to the actual *Ch. lucasina*, which proves its long existence in Madeira. However, this is the first time that its occurrence in Porto Santo Island is confirmed, through the capture of an adult female in the locality of Lombas, associated with an aphid sample [20-May-1998, on *Arundo donax* L., col. M.T. Pita, with aphid species *Melanaphis donacis* (Passerini, 1862)], as referred in Pita & Ilharco (submitted: *Boletín de Sanidad Vegetal, Plagas*).

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