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Le farfalle (Insecta: Lepidoptera) di interesse comunitario in Piemonte: stato attuale delle conoscenze

ABSTRACT - *Butterflies and moths of European concern in Piedmont (NW Italy): current state of knowledge.*

The aim of this work was to update the state of knowledge on the Lepidoptera of European concern in the Piedmont Region, NW Italy. Recent data collected during the last decade (2008-2017) were available for all species included in the annexa II and IV of the Habitats Directive, except for *Hyles hippophaes* (latest record: 2005). Species with the most limited amount of information include those that are known to be less common in the area and/or those moths with lower detectability (*Eriogaster catax*, *Proserpinus proserpina*, *Hyles hippophaes*) as well as some localised diurnal species (*Papilio alexanor*, *Phengaris arion* and *P. teleius*). For some species (*Parnassius apollo*, *Euphydryas aurinia*, *Lasiommata achine*) further research is necessary in some areas to confirm old records, particularly in the Alps of northern Piedmont and the Cuneo Province. Overall, no severe reductions in the known regional ranges were observed, although in recent decades some populations of a few species became extinct due to habitat loss or other unclear reasons.

KEY WORDS - Butterflies, Moths, North-West Italy, Piedmont, Natura 2000, Habitats Directive, citizen science.

RIASSUNTO - Viene aggiornato lo stato delle conoscenze sui Lepidotteri di interesse comunitario, inseriti negli allegati II e/o IV della Direttiva Habitat, la cui presenza è nota in Piemonte. Dati recenti, relativi al decennio 2008-2017, sono di-

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