

New publication

**Catalogue commenté des Crustacés Isopodes terrestres de France
métropolitaine (Crustacea, Isopoda, Oniscidea)**

***[Annotated catalogue of the terrestrial isopod Crustaceans
of metropolitan France (Crustacea, Isopoda, Oniscidea)]***

Emmanuel SÉCHET & Franck NOËL

Emmanuel SÉCHET & Franck NOËL, 2015. Catalogue commenté des Crustacés Isopodes terrestres de France métropolitaine (Crustacea, Isopoda, Oniscidea) [Annotated catalogue of the terrestrial isopod Crustaceans of metropolitan France (Crustacea, Isopoda, Oniscidea) – in french]. *Mémoires de la Société Linnéenne de Bordeaux*, Tome 16, 156 pages (format : A4), 30 figures, 1 tabl.

The two authors provide here a taxonomic catalogue of the terrestrial isopods (Oniscidea) from mainland France (including Corsica). The list is based on a critical review of a bibliographic corpus of over 300 references. Changes in taxonomy and nomenclature that occurred since the last french list (by Albert VANDEL, in the sixties) are considered and commented.

Comments include nomenclatural items, biogeography, ecology and some discussions about the validity of some taxa or their presence in reference checklists, especially Fauna Europaea (2013). For each (sub)endemic taxa, the location and status of type material and type locality are provided. The geographic distribution of taxa is updated from more than 170 references since the *Faune de France* (VANDEL 1960, 1962) was published and enriched with some unpublished data where appropriate.

A total of 36 terminal taxa are added to the list established by VANDEL including 24 newly described ones. Also, three species are recorded for the first time in mainland France: *Trachelipus razzautii* (ARCANGELI, 1913), *Nagurus cristatus* (DOLLFUS, 1889) and *Porcellio dispar* VERHOEFF, 1901.

As a result, the French terrestrial isopod fauna includes 299 terminal taxa (218 species) with an endemism rate of 45%.

Both genus *Cyphotendana* VERHOEFF, 1936 and *Escualdoniscus* VANDEL, 1948 being not available under the Code (ICZN, art. 13.3), two new generic names are designated: ***Cyphotendana* g. nov.** and ***Escualdoniscus* g. nov.** The resulting taxonomic correspondence is then established as: *Cyphotendana dalmazzensis* VERHOEFF, 1936 = ***Cyphotendana dalmazzensis* (VERHOEFF, 1936) comb. nov.**, *Cyphotendana ligurina* VERHOEFF, 1936 = ***Cyphotendana ligurina* (VERHOEFF, 1936) comb. nov.**, *Escualdoniscus coiffaiti* VANDEL, 1948 = ***Escualdoniscus coiffaiti* (VANDEL, 1948) comb. nov.** and *Escualdoniscus triocellatus* VANDEL, 1948 = ***Escualdoniscus triocellatus* (VANDEL, 1948) comb. nov.**

A checklist is appended listing current valid names and synonyms used in VANDEL (1960, 1962) and Fauna Europaea (2013).

Finally, thirty taxa found in France are illustrated with color plates.

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