

SCIENTIFIC NOTE

Notes on Limmichidae (Coleoptera): *Cyrtolimmichus punctulatus* Delève new junior synonym of *Simplocarina curticollis* Pic

In the process of compiling a bibliography of Ethiopian Limmichidae for ongoing studies we noticed the similarity between the descriptions of the monotypic genera *Simplocarina* Pic and *Cyrtolimmichus* Delève, suggesting the possibility that they could refer to the same taxon (the genus *Simplocarina* was overlooked by Delève, J. (1968. Bulletin et annales de la Société Royale d'Entomologie de Belgique 104:212–274). The study of the type material of both species, and of additional unsorted material deposited in the Natural History Museum in London (NHM), confirmed our suspicion. In this note we designate *Cyrtolimmichus punctulatus* Delève as a junior synonym of *Simplocarina curticollis* Pic.

Genus *Simplocarina* Pic, 1922: 4

Type Species. *Simplocarina curticollis* Pic, by monotypy

Cyrtolimmichus Delève, 1968: 267, **new synonymy**

Type Species. *Cyrtolimmichus punctulatus* Delève, 1968: 267 by original designation

Simplocarina curticollis Pic, 1922: 5.

Cyrtolimmichus punctulatus Delève, 1968: 267, **new synonymy**

Type material of *S. curticollis*: Lectotype female (Muséum Nationale d'Histoire Naturelle, Paris, MNHN) (here designated): "Côte / d'Ivoire [Pic's handwriting]" "TYPE" red label, round lectotype label, "Museum Paris / Coll. M. Pic", "Simplocarina curticollis / Pic, 1922". Remounted in a new card, with genitalia dissected and glued on it. Paralectotypes: three females (MNHN), Côte d'Ivoire, Dimbroko, Pic collection, with paralectotype labels (one of them with the genitalia dissected and glued on the card).

Four specimens of *S. curticollis* were found in the Pic collection. The first specimen of the series was labeled with Pic's handwriting as from Côte d'Ivoire, without any further detail. The following three were labeled "Dimbroko, Côte d'Ivoire". As in the original description (Pic, M. 1922. Nouveautés diverses. Mélanges Exotico-Entomologiques 36:1–32) no details on the number of specimens or their origin (other than Côte d'Ivoire) is given, we considered the first specimen as the lectotype and the other three as paralectotypes.

The holotype male and nine paratypes of *C. punctulatus* from Parc national de la Garamba (Democratic Republic of Congo), deposited in the Musée Royal de L'Afrique Centrale (MRAC), were studied (see Delève 1968 for details on these specimens, and for a comprehensive description of the genus and species). Additional studied material of the same species included seven specimens from the NHM (Zimbabwe, former Mashonaland, Salisbury, G. A. K. Marshall leg.).

Although the specimens of *S. curticollis* from Côte d'Ivoire were all females, they were morphologically identical to some of the type specimens of *C. punctulatus* and the additional material from Salisbury. Variability of other specimens referred to size (between 3.0 to 3.5 mm, head excluded) and color (from brown to almost black). The structure of the aedeagus was identical in all males studied, as well as all structural external characters.

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