

Short communication

First country records for two species of the Afrotropical genus *Coridiellus* J.A. Lis, 1990 (Hemiptera: Heteroptera: Dinidoridae)

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Abstract. First country records are provided for two species of the Afrotropical genus *Coridiellus* J.A. Lis, 1990, i.e. *C. bechynei* (Villiers, 1956) [Democratic Republic of the Congo, Zimbabwe] and *C. lenoiri* (Schouteden, 1909) [Zambia]. Their parameres are illustrated for the first time.

Key words: Hemiptera, Dinidoridae, *Coridiellus*, new country record, Democratic Republic of the Congo, Zambia, Zimbabwe.

The genus *Coridiellus* was proposed by Lis (1990) for six Afrotropical species of the genus *Coridius* Illiger, 1807. Species of *Coridiellus* are characterized by the minute second antennal segment (Fig. 1), widely arched lateral margins of pronotum (Fig. 3) and a male paramere with thumb-like processus (Figs. 2 & 4).

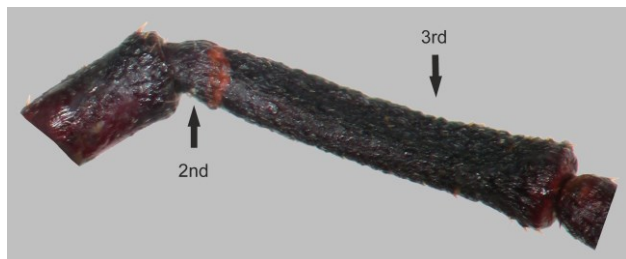


Fig. 1. *Coridiellus bechynei*, second (2nd) and third (3rd) antennal segments.

Species of the genus are known to be distributed in the tropical regions of Africa (south of Sahara) (Durai 1987; Lis 1990; Rolston et al. 1996).

During studies on the material of Dinidoridae borrowed from the Musée Royal de l'Afrique Centrale, Tervuren, Belgium (MRAC) and the Institut Royal des Sciences Naturelles de Belgique, Bruxelles, Belgium (IRSNB) I have studied specimens representing two species of this genus previously unknown from three African countries.

These first country records are presented below.

Coridiellus bechynei (Villiers, 1956)

(Figs. 1 & 2)

Aspongopus bechynei Villiers, 1956: 244.

Coridius bechynei: Durai, 1987: 193.

Coridiellus bechynei: Lis, 1990: 113.



Fig. 2. *Coridiellus bechynei*, paramere.

Material examined

DEMOCRATIC REPUBLIC OF THE CONGO: Congo Belge, Elisabethville [=Lubumbashi], 1 male, 1/8-XI-1959, J. Kekenbosch, R.I.Sc.N.B, I.G. 22062 (IRSNB); Musee du Congo, Elisabethville [=Lubumbashi], 3 males, G. Swalue (MRAC); Zaire, Shaba [=Katanga], Mukulen, 1 male, 19.XII 1978, F. Malaisse, sur Cissus, Coll. Mus. Tervuren, (MRAC); Zaire, Shaba [=Katanga], Luiswishi, 1 male, 1 female, XII. '80, F. Malaisse, Coll. MRAC. Tervuren Z 992 (MRAC); Zaire, Shaba [=Katanga], Luiswishi, 1 male, V. 1981, F. Malaisse, Coll. MRAC.

Tervuren Z1001 (MRAC). **ZIMBABWE**: Chimanimani, 1 female, 21-27.12.1994, leg. Hovopka (IRSNB).

Note

Paramere as in Fig. 2.

Distribution

Known only from Guinea, so far (Villiers, 1956; Durai 1987; Rolston et al. 1996). **New to the Democratic Republic of the Congo and Zimbabwe.**



Fig. 3. *Coridiellus lenoiri*, body dorsal view.

Coridiellus lenoiri (Schouteden, 1909)

(Figs. 3 & 4)

Aspongopus lenoiri Schouteden, 1909: 72.

Coridius lenoiri: Durai, 1987: 192.

Coridiellus lenoiri: Lis, 1990: 112.

Material examined

ZAMBIA: N.E. Rhodesia. Luangwa to Petauke, 1 male, 14-17 Sep. 1910. S.A. Neave (IRSNB).

Notes

Dorsal habitus as in Fig. 3; paramere as in Fig. 4.

Distribution

Hitherto known only from the Democratic Republic of the Congo (Schouteden 1909; Durai 1987; Lis 1990; Rolston et al. 1996). Records from Tanzania (Durai 1987: 192) were given in error (see: Lis 1990). **First record from Zambia.**



Fig. 4. *Coridiellus lenoiri*, paramere.

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