

***Beardius reissi* Jacobsen, 2000 (Diptera, Chironomidae, Chironominae), recorded for the first time from the Republic of Cuba**

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Abstract: *Beardius reissi* Jacobsen, 2000 is recorded for the first time from the Republic of Cuba. The larva was found in a shallow lagoon and associated with *Ludgiwia leptocarpa* (Nutt.) H. Hara, 1953.

Key words: Diptera, Chironomidae, *Beardius reissi*, first record, Cuba.

Primer registro de *Beardius reissi* Jacobsen, 2000 (Diptera, Chironomidae, Chironominae) para la República de Cuba

Resumen: Se presenta el primer registro de *Beardius reissi* Jacobsen, 2000 para la República de Cuba. La larva fue encontrada en una laguna somera y asociada a *Ludgiwia leptocarpa* (Nutt.) H. Hara, 1953.

Palabras clave: Diptera, Chironomidae, *Beardius reissi*, primer registro, Cuba.

Introduction

The Chironomidae fauna of Cuba is very poorly studied despite being the largest of the Caribbean islands (Alayo and Garcés, 1989; Téllez, 2009). Only four chironomid species are mentioned from Cuba in contrast to other much smaller islands (Spies & Reiss, 1996).

The genus *Beardius* was erected by Reiss & Sublette (1985) based on three new species from Venezuela, Brazil, Panamá and Texas (south of USA). In the last revision of the genus, Jacobsen and Perry (2000) listed 7 species to which are added 6 more in later papers (Trivinho-Strixino & Strixino, 2000; Trivinho-Strixino & Siqueira, 2007; Pinho *et al.*, 2009), all described in Central and South America or in the southern of the USA *Beardius reissi* Jacobsen, 2000 was described on basis of specimens from southern Florida (USA). This note constitutes the first record of *B. reissi* from the Republic of Cuba.

Materials and methods: The larva was collected in a lagoon of 0.6 m deep in the San Felipe Plateau, Sierra de Cubitas, Camagüey Province (21° 38' 37" N, 78° 00' 15" W), associated with *Ludgiwia leptocarpa* (Nutt.) H. Hara, 1953. It was transported in a container with habitat water. The larval skin with the pupal exuvia related were mounted in the same slide using Euparal. The specimen was deposited in the collection of the Centro de Investigaciones de Medio Ambiente de Camagüey, a dependence of the Ministerio de Ciencia, Tecnología y Medio Ambiente of Cuba.

Identificative characters: The following characters, all present in the captured specimen, allow an accurate identification as *B. reissi*.

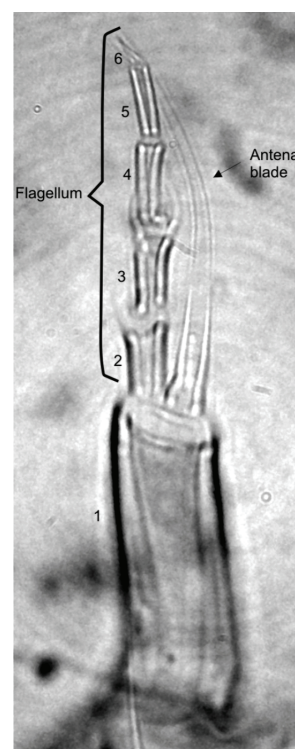
Larval antenna with six segments and the antennal blade about the same length of flagellum (Fig. 1) the apex of seta subdentalis beyond the second interior teeth of the mandible. The pupa with a number of strong spines on the lateral margin of tergite VIII (Fig. 2) and a strong anterior band of shagreen on tergite II.

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► **Fig. 1.** Details of larval 1-6 antennal segments of *B. reissi*.



► **Fig. 2.** Lateral margin of tergite VIII of *B. reissi* pupa.



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