

A new species of the genus *Brevennia* Goux, 1940 (Homoptera: Coccinea: Pseudococcidae) from Slovakia

Новый вид рода *Brevennia* Goux, 1940 (Homoptera: Coccinea: Pseudococcidae) из Словакии

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A new species, *Brevennia ferenci* Danzig et Gavrilov-Zimin, **sp. nov.**, is described and illustrated.

Новый для науки вид, *Brevennia ferenci* Danzig et Gavrilov-Zimin, **sp. nov.**, описывается и иллюстрируется.

Key words: mealybugs, scale insects

Ключевые слова: мучнистые червецы, кокциды

INTRODUCTION

Just after the revision of the genus *Brevennia* Goux, 1940 and related genera (Danzig & Gavrilov-Zimin, 2012) we have received the material from Slovakia collected by Ferenc Kozár (Plant Protection Institute, Hungarian Academy of Sciences). This material (adult females) is considered to be a new species that is described below. The holotype and two paratypes (on the same slide) are preserved in Zoological Institute, Russian Academy of Sciences. Four paratypes are preserved also in Plant Protection Institute, Hungarian Academy of Sciences, Budapest.

Brevennia (Heterobrevennia) ferenci

sp. nov.

(Fig. 1)

Description. Adult female. Body elongate oval, up to 3 mm long. Antennae nine-segmented, about 330 μm . Eyes each about 40 μm in diameter. Hind coxae, femora and tibiae with translucent pores. Claw with a

denticle. Circuli absent. Both pairs of ostioles well developed. Quinquelocular pores, each about 5 μm in diameter, numerous on all surface of body. Multilocular pores, each about 8 μm in diameter, present on last four abdominal sternites only. Trilocular pores, each about 3 μm in diameter, located near spiracles, ostioles and in cerarii. Tubular ducts of two sizes; the larger type, about 10 μm long and 4 μm wide, present on dorsum, forming transverse rows with increasing in number near body margin; the smaller ducts, about 10 μm long and 2 μm wide, forming transverse rows on five last abdominal sternites. Cerarii numbering five pairs: three on last abdominal segments and two on head. C_{17} and C_{18} with large conical setae and four–seven trilocular pores. C_{16} with one small and thin conical seta and one–three trilocular pores; head cerarii each with two small and thin conical setae and one–three trilocular pores. Dorsal setae short and thin.

Material. *Holotype:* female, Slovakia, Dévény, 7 June 2012, on *Iris pumila*, coll. Ferenc Kozár, # 10470, specimen in black

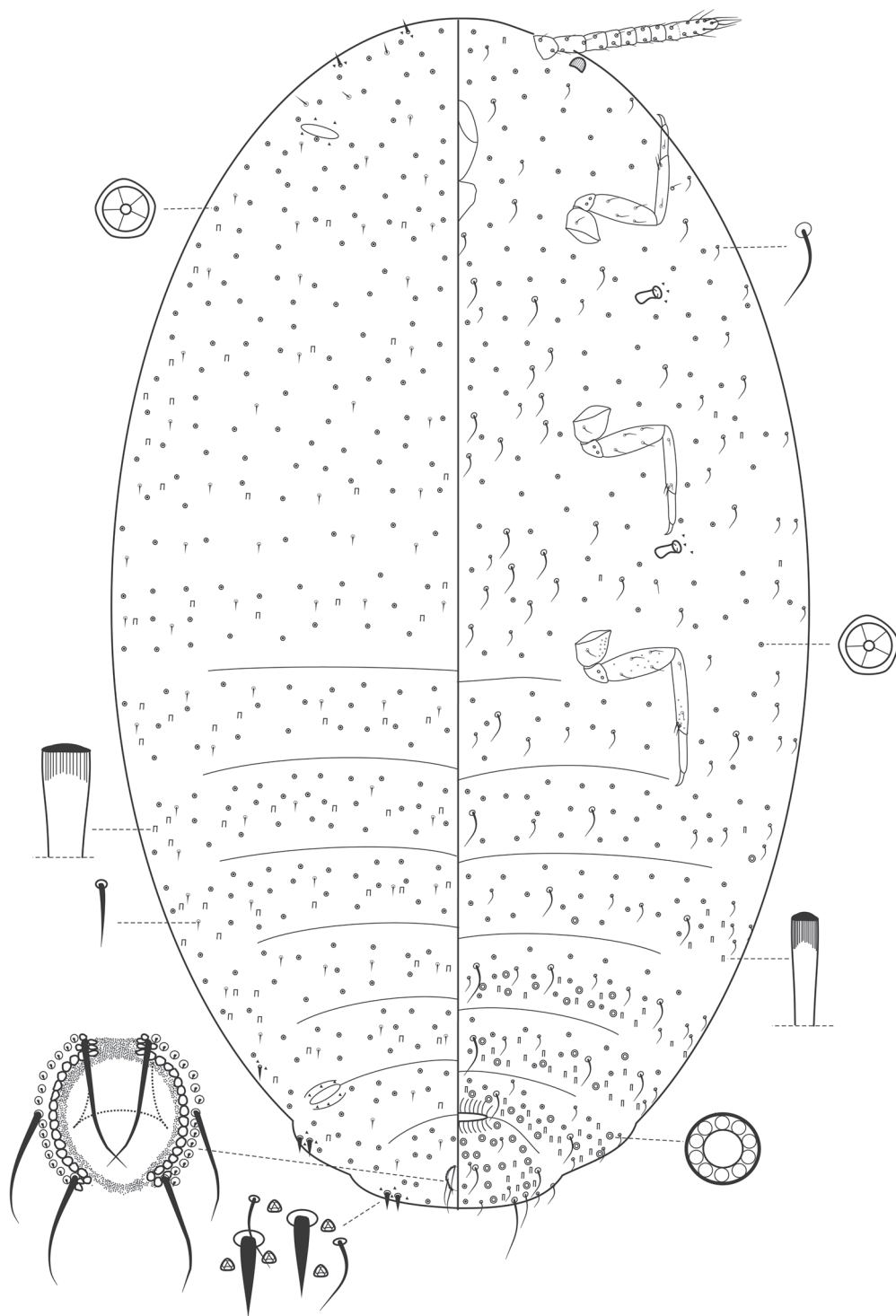


Fig. 1. *Brevennia (Heterobrevennia) ferenci*, female, holotype.

semicircle. Paratypes: 2 females on the same slide + 4 females on 4 separate slides, but all with the same collecting data.

Diagnosis. The new species is similar to other species of the subgenus *Heterobrevennia* Kaydan, 2011 (considered by M.B. Kaydan as a separate genus), but differs from all of them in the absence of the dorsal multilocular pores and in a smaller number of the trilocular pores (see also the key below).

Etymology. The species is named in honour of a famous coccidologist, Ferenc Kozár.

The key for the species of the subgenus *Heterobrevennia*

- 1(2) Trilocular pores located in cerarii, near spiracles and ostioles only ***B. ferenci* sp. nov.**
- 2(1) Trilocular pores located not only in cerarii, near spiracles and ostioles, but scattered on dorsal surface of body.
- 3(1) Dorsal trilocular pores located in cerarii, near ostioles and on last abdominal segment ***B. operta*** Borchsenius, 1949
- 4(3) Trilocular pores scattered on all dorsal segments.
- 5(6) Dorsal tubular ducts of two sizes. Singular multilocular pores present on last abdominal segments. Dorsal multilocular pores singular on last abdominal . . . ***B. kozari*** Kaydan, 2011
- 6(5) Dorsal tubular ducts of one size. Dorsal multilocular pores s ***B. gullani*** Kaydan, 2011

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