

## To the nomenclature of some scale insects (Homoptera: Coccinea)

## К номенклатуре некоторых видов червецов (Homoptera: Coccinea)

E.M. DANZIG & I.A. GAVRILOV-ZIMIN\*

Э.М. ДАНЦИГ, И.А. ГАВРИЛОВ-ЗИМИН

Zoological Institute, Russian Academy of Sciences, 1 Universitetskaya Emb., St Petersburg 199034, Russia. E-mail: coccids@gmail.com. \*Corresponding author.

The synonymy of *Brevennia rehi* (Lindinger, 1943) is discussed. The new combination, *Dysmicoccus mongolicus* (Danzig, 1969), is introduced. Lectotypes are designated for *Brevennia femoralis* Borchsenius, 1949, *Chaetococcus transcaucasicus* Borchsenius, 1949 and *Acanthococcus* (= *Rhizococcus*) *salsolae* (Borchsenius, 1949).

Обсуждается синонимия *Brevennia rehi* (Lindinger, 1943). Устанавливается новая комбинация, *Dysmicoccus mongolicus* (Danzig, 1969). Лектотипы обозначаются для *Brevennia femoralis* Borchsenius, 1949, *Chaetococcus transcaucasicus* Borchsenius, 1949 и *Acanthococcus* (= *Rhizococcus*) *salsolae* (Borchsenius, 1949).

**Key words:** *Brevennia*, *Dysmicoccus*, *Chaetococcus*, *Acanthococcus*, new combination, lectotype designation

**Ключевые слова:** *Brevennia*, *Dysmicoccus*, *Chaetococcus*, *Acanthococcus*, новая комбинация, обозначение лектотипа

### *Brevennia rehi* (Lindinger, 1943)

*Ripersia sacchari oryzae* Fletcher, 1917: 177 (India), junior homonym of *Ripersia oryzae* (Kuwana, 1907).

*Ripersia oryzae*: Green, 1931: 65 (India)

*Rhizoecus cynodontis* Bodenheimer, 1943: 16 (Iraq) [synonymised by Ben-Dov (2008: 85)].

*Ripersia rehi* Lindinger, 1943: 152, a replacement name for *Ripersia oryzae* Fletcher, 1917.

*Brevennia femoralis* Borchsenius, 1949: 270 (Azerbaijan and Tadzhikistan), lectotype designated here: female, “*Peliococcus femoralis* Borchs., Azerbaijan, vicinity of Lenkoran”, on stems of *Cynodon dactylon*, 22.VI.1947, No. 525”. Paralectotypes: 4 females with the same data; 4 females on 3 slides with the following data: “Tadzhikistan, Stalinabad, botanical garden, under the leaf sheaths of *Cynodon dactylon*, 26.X.1944, N. Borchsenius”; 2 females on 2 slides: “Tadzhikistan, vicinity of Parchar village, on stems of *Sorghum halepense*”. Synonymised by Ben-Dov (2008: 85).

*Heterococcus tuttlei* Miller & McKenzie, 1970: 447 (USA) [synonymised by Miller (1973: 372)].

Recently, Ben-Dov (2008) placed *B. cynodonti* under synonymy of *B. rehi*. We confirm this synonymy based on the type material of *B. tuttlei* (= *B. rehi*) and *B. femoralis* (= *B. cynodonti*), deposited in Zoological Institute RAS, St Petersburg. Both *B. cynodonti* and *B. rehi* were described in the same year, but Ben-Dov (2008) accepted *B. rehi* as a senior synonym because this name “has been well established for more than 60 years in scale insect nomenclature for the rice mealybug, which is of economic importance and a change in the name of this mealybug might harm stability and cause confusion”. This opinion is supported by our discovery of the date of publication of *B. rehi* that is 25 July 1943, whereas the exact date of publication of *B. cynodonti* is unknown and so, must be accepted as 31 December 1943 (see Article 21 of International Code of Zoological Nomenclature).

*Dysmicoccus mongolicus* (Danzig, 1969), new combination

Danzig (2007) transferred *Fonscolombia* (= *Euripersia*) *mongolica* (Danzig, 1969) to the genus *Trionymus* Berg, 1899. Jon Martin (Natural History Museum, London) noted in his message to us that the new combination becomes a junior homonym of *Trionymus mongolicus* Danzig, 1980. After a more detailed examination of the material we decided to transfer *F. mongolica* to the genus *Dysmicoccus* Ferris, 1950, nearest to *Trionymus*.

### Lectotypes designations

Gavrilov (2003: 536) designated lectotype and paralectotypes for *Chaetococcus turanicus* Borchsenius, 1949. At now one else slide from Borchsenius' type series (5 females, "Chaetococcus turanicus Borchs. on *Phragmites communis*, vicinity of Samarkand, VI. 1928") was found in the collection of Zoological Institute RAS, St Petersburg. These 5 females (in much better condition in comparison with lectotype and other paralectotypes) are noted as paralectotypes here.

Together with the above mentioned slide the type series of *Chaetococcus transcaucasicus* Borchsenius, 1949 (now *Antonina transcaucasica*) was found. Lectotype is designated here: female in the black circle, "t. 39 type 110/37 *Chaetococcus transcaucasicus* Borchs. Couch-grass? Tatoni 7.VIII.32"; paralectotypes: 3 females on the same slide.

In the paper of Danzig (1996) with a designation of lectotypes of species of the family Eriococcidae from the collection of Zoological Institute RAS, St Petersburg, one of the species of *Acanthococcus* Signoret, 1875 (= *Rhizococcus* Signoret, 1875), *A. salsolae* (Borchsenius, 1949), was erroneously deleted (probably during the proof making). However, the reference on this species in the discussed paper was erroneously included in the Catalogue of Eriococcidae (Miller & Gimpel, 2000). We desig-

nate the lectotype here: female, "*Rhizococcus salsolae* Borchs., Tadjikistan, Mikojanabadskii [now Kubadiyanskiy] region, Kujuk mountains, on Salsola, 10 VI 1944 (N. Borchsenius), N 126". Slide N 11-44, black spot near female. Paralectotypes: 1 female on the same slide and 1 female on the other slide but with the same lable.

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