

**Genital morphology of *Cicadetta albipennis* Fieber, 1876
and *Euryphara cantans* (Fabricius, 1794)
(Hemiptera: Auchenorrhyncha: Cicadidae)**

**Строение гениталий *Cicadetta albipennis* Fieber, 1876
и *Euryphara cantans* (Fabricius, 1794)
(Hemiptera: Auchenorrhyncha: Cicadidae)**

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KEY WORDS: Hemiptera, Auchenorrhyncha, Cicadidae, *Cicadetta albipennis*, *Euryphara cantans*, genital morphology, taxonomy.

КЛЮЧЕВЫЕ СЛОВА: Hemiptera, Auchenorrhyncha, Cicadidae, *Cicadetta albipennis*, *Euryphara cantans*, строение гениталий, таксономия.

ABSTRACT. *Cicadetta albipennis* Fieber, 1876 from Italy and *Euryphara cantans* (Fabricius, 1794) from Tunisia are studied. The genital morphology of these species are described and figured.

РЕЗЮМЕ. Изучены *Cicadetta albipennis* Fieber, 1876 из Италии и *Euryphara cantans* (Fabricius, 1794) из Туниса. Описано и проиллюстрировано строение гениталий обоих видов.

Introduction

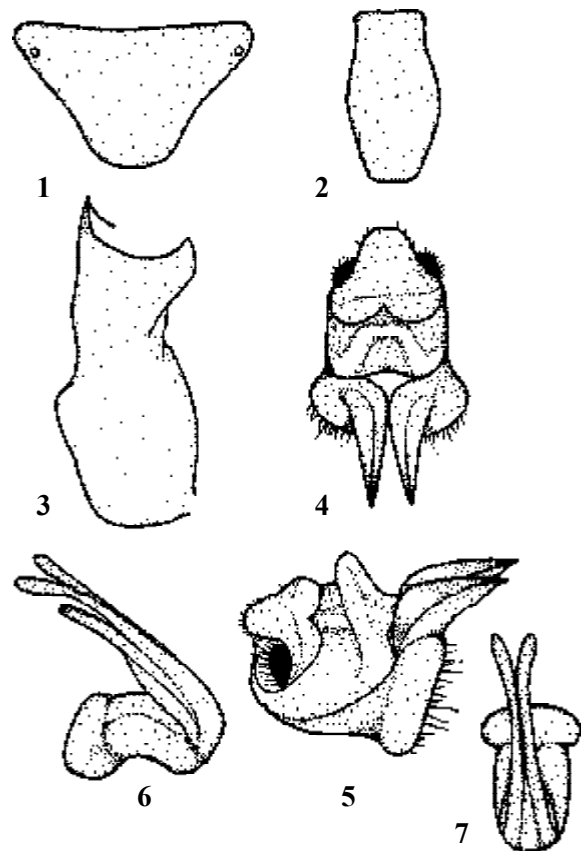
The genital morphology of *Cicadetta albipennis* Fieber, 1876 and *Euryphara cantans* (Fabricius, 1794) has not been described. The author has studied the materials in Senckenberg Museum (Frankfurt am Main, Germany) which belong to these species and described its genitalia.

Systematic part

Euryphara cantans (Fabricius, 1794)
Figs 1–7.

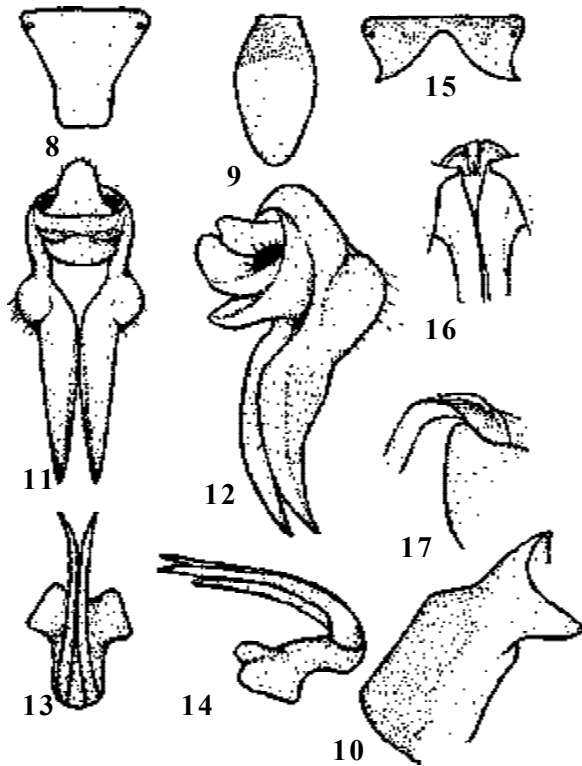
MATERIAL. 2 ♂♂, Tunisia; 1 ♂, Nordafrika, Umg. Sees el Meamen.

DESCRIPTION. Male genitalia. Sternum VII triangular, anterior margin 1.75 times as wide as sternum medially long, lateral margins very slightly concave. Genital valve egg-shaped, approximately two times as long as its maximum width. Pygophore with a large lobe at its posterior margin extending posteriorly. Anal tube at each ventroposterior corner with a long hooke-shaped process; dorsal margin with median process. Aedeagus robust, shaft straight, tubular, bifurcate through its length, with arms strongly divergent and rounded apically. Phallostrema oval, ventral, subapical.



Figs 1–7. *Euryphara cantans*, male: 1 — sternum VII; 2 — genital valve; 3 — pygophore, lateral view; 4–5 — anal tube; 6–7 — aedeagus; 4, 7 — dorsal view, 5–6 — lateral view.

Рис. 1–7. *Euryphara cantans*, самец: 1 — стернит VII; 2 — генитальная вальва; 3 — пигофор, сбоку; 4, 5 — анальная трубка; 6, 7 — эдеагус; 4, 7 — сверху; 5–6 — сбоку.



Figs 8-17. *Cicadetta albipennis*: 8 — sternum VII, male; 9 — genital valve, male; 10 — pygophore, lateral view; 11-12 — anal tube; 13-14 — aedeagus; 15 — sternum VII, female; 16-17 — gonopore region, female; 11, 13 — dorsal view, 12, 14, 17 — lateral view, 16 — ventral view.

Рис. 8-17. *Cicadetta albipennis*: 8 — стернит VII, самец; 9 — генитальная вальва, самец; 10 — пигофор, сбоку; 11-12 — анальная трубка; 13-14 — эдеагус; 15 — стернит VII, самка; 16-17 — область гонопора, самка; 11, 13 — сверху, 12, 14, 17 — сбоку, 16 — снизу.

NOTE. The species was described as *Tettigonia cantans* Fabricius, 1794 and later it have been included in the genus *Cicadetta* [Fieber, 1876]. Finally Horváth [1912] erected the genus *Euryphara* for the species [Nast, 1972].

Cicadetta albipennis Fieber, 1876

Figs 8-17.

MATERIAL. Italy, Sicily: 1 ♂, Syrakusa; 1 ♀, Messina.

DESCRIPTION. Male genitalia. Sternum VII triangular, anterior margin as wide as sternum medially long, lateral margins concave. Genital valve egg-shaped, approximately two times as long as its maximum width. Pygophore with a large lobe at its posterior margin extending ventrally. Anal tube at each ventroposterior corner with long hooke-shaped process; these processes longer than those in other *Cicadetta* species; dorsal margin with median process. Aedeagus robust, shaft tubular, straight, bifurcate through its length, with arms strongly divergent and acute. Phallosome oval, subapical, ventral.

Female genitalia. Sternum VII with posterior margin broadly "V" shaped, incision extending to near anterior margin, lateral margins slightly curved. Gonopore oval, at apex of chitin tubular shaft.

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