

## The subgeneric division of the genus *Dictyophara* Germar, 1833 (Homoptera: Dictyopharidae)

### Подродовое деление рода *Dictyophara* Germar, 1833 (Homoptera: Dictyopharidae)

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КЛЮЧЕВЫЕ СЛОВА: Dictyopharidae, *Dictyophara*, новые подроды.

ABSTRACT. *Dictyophara* Germar, 1833 is divided into 5 subgenera: *Dictyophara* s.str., *Chanithus* Kolenati, 1857, *Ancylocrius* subgen.n. (type species *Dictyophara albata* Dlabola & Heller, 1962), *Euthremma* subgen.n. (type species *Dictyophara multireticulata* Mulsant & Rey, 1855) and *Conopenchus* subgen.n. (type species *Philotheria pazukii* Dlabola, 1984).

РЕЗЮМЕ. Род *Dictyophara* Germar, 1833 разделен на 5 подродов: *Dictyophara* s.str., *Chanithus* Kolenati, 1857, *Ancylocrius* subgen.n. (типовой вид: *Dictyophara albata* Dlabola & Heller, 1962), *Euthremma* subgen.n. (типовой вид: *Dictyophara multireticulata* Mulsant & Rey, 1855) и *Conopenchus* subgen.n. (типовой вид: *Philotheria pazukii* Dlabola, 1984).

The natural genus *Dictyophara* Germar, 1833 is restricted to the Palaearctic, with most species distributed in the southern part of its western half. Currently, the genus numbers 40 species. Wide variability is notable in secondary characters, especially the length, thickness and general shape of the cephalic process. Meantime, the shape of the cephalic process is sometimes similar, due convergence, in different genera, including not related ones. This fact lead in the past to formation of unnatural generic units; for instance, the genus *Chanithus* Kolenati, 1857 comprised unrelated species with long and thick cephalic process. R. Linnavuori [1962] has shown that *Chanithus* in its natural scope (type species and related species) is a junior synonym of *Dictyophara*. On the other hand, J. Dlabola [1979, 1984] erroneously described two species of *Dictyophara* with thin cephalic process in the Afrotropical genus *Philotheria* Melichar. The genus *Dictyophara* can be subdivided into five subgenera as follows:

- 1(6). Cephalic process cuneiform, comparatively short; its apex narrow to subacuminate.
- 2(5). Lateral carinae of coryphe straight or slowly, regularly arched, without tortuosity before eyes.

- 3(4). Cephalic process bent, beck-shaped; its apex directed anteroventrad. Lateral carinae of coryphe raised or nearly foliaceous ..... *Ancylocrius* subgen.n.
- 4(3). Cephalic process straight, cuneiform-pyramidal; its apex directed anterodorsad. Lateral carinae of coryphe sharp, but not raised ..... *Euthremma* subgen.n.
- 5(2). Lateral carinae of coryphe with tortuosity before eyes ..... *Dictyophara* s.str.
- 6(1). Cephalic process long, nearly cylindrical; its apex roundly truncate.
- 7(8). Cephalic process thick. Coryphe between eyes and on process of similar breadth ..... *Chanithus* Kolenati
- 8(7). Cephalic process thin. Coryphe as well as metope and preocular area immediately before eyes abruptly contracted ..... *Conopenchus* subgen.n.

The main differences between the subgenus *Conopenchus* of *Dictyophara* and the genus *Philotheria* Melichar, 1912 are as follows:

- 1(2). Median carina of metope absent on cephalic process. Coryphe rather broad between eyes, narrowing on cephalic process. Carinae on mesepisterna weak ..... *Dictyophara* (subg. *Conopenchus*)
- 2(1). Median carina of metope present on cephalic process. Coryphe rather narrow between eyes, moderately narrowing on cephalic process. Carinae on mesepisterna sharp ..... *Philotheria* s.str.

The subgeneric arrangement of species of the genus *Dictyophara* is shown below.

***Ancylocrius* subgen.n.** Type species: *Dictyophara albata* Dlabola & Heller, 1962. Species included: *D. albata* Dlabola & Heller, 1962, *D. exoptata* Dlabola & Heller, 1962, *D. nizipa* Dlabola, 1986, *D. tanghigaruha* Dlabola, 1957.

***Euthremma* subgen.n.** Type species: *Dictyophara multireticulata* Mulsant & Rey, 1855. Species included: *D. anatina* Puton, 1890, *D. bergevini* Metcalf, 1946, *D. curvata* Matsumura, 1910, *D. hoberlandti* Dlabola, 1974, *D. lallemandi* Bergevin, 1921, *D. multireticulata* Mulsant & Rey, 1855, *D. obtusiceps* Lethierry, 1889.

*Dictyophara* s.str. Type species: *Fulgora europaea* Linnaeus, 1767. Species included: *D. asiatica* Melichar, 1912, *D. europaea* (Linnaeus, 1767), *D. lindbergi* Metcalf, 1955, *D. subsimilis* Linnavuori, 1953.

*Chanithus* Kolenati, 1857. Type species: *Flata pannonica* Germar, 1830. Species included: *D. avocetta* Oshanin, 1879, *D. bergevini* Metcalf, 1946, *D. eifeliana* Dlabola, 1994, *D. infumata* (Bergevin, 1916), *D. kazeruna* Dlabola, 1986, *D. kaszabi* Dlabola, 1967, *D. longirostris* Walker, 1851, *D. merjensis* Linnavuori, 1965, *D. pales* Linnavuori, 1970, *D. pannonica* (Germar, 1830), *D. scolopax* Oshanin, 1879, *D. xiphias* Puton, 1884.

*Conopenchus* **subgen.n.** Type species: *Philotheria pazukii* Dlabola, 1984. Species included: *D. lodosi* (Dlabola, 1979), **comb.n.** (*Philotheria* l.), *D. pazukii* (Dlabola, 1984), **comb.n.** (*Philotheria* p.).

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