

SCIENTIFIC COMMUNICATION

Two synonyms for *Hadrophallus bubalus* (Fabricius) (Hemiptera, Membracidae)

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ABSTRACT. Two synonyms are considered: *Hadrophallus bubalus* (Fabricius, 1794) = *Ceresa integra* Walker, 1858 **syn. nov.** = *Ceresa borealis* Fairmaire, 1846 **syn. restaur.** The species *Spissistilus constans* (Walker, 1851) *sensu* Caldwell, 1949 is considered a misidentification of *H. bubalus*.

KEY WORDS. Ceresini, Membracoidea, Smilliinae, systematics, taxonomy.

RESUMO. Dois sinônimos para *Hadrophallus bubalus* (Fabricius) (Hemiptera, Membracidae). Dois sinônimos são considerados: *Hadrophallus bubalus* (Fabricius, 1794) = *Ceresa integra* Walker, 1858 **syn. nov.** = *Ceresa borealis* Fairmaire, 1846 **syn. restaur.** A espécie *Spissistilus constans* (Walker, 1851) *sensu* Caldwell, 1949 é considerada interpretação errônea de *H. bubalus*.

PALAVRAS CHAVE. Ceresini, Membracoidea, sistemática, Smilliinae, taxonomia.

Hadrophallus bubalus (Fabricius, 1794)

Membracis Bubalus (sic) Fabricius, 1794: 14.
Membracis (Bubalus) Bubalis (sic); Zimsen, 1964: 286 (rep. typ.).
Ceresa bubalus; McKamey, 1998: 244 (cat.).
Hadrophallus bubalus; Andrade, 1997: 290 (syn.).
Ceresa borealis Fairmaire, 1846: 284. **Syn. restaur.**
Hadrophallus borealis; McKamey, 1998: 250 (cat.).
Ceresa integra Walker, 1858: 67; Broomfield, 1971: 356 (tip.);
McKamey, 1998: 245 (cat.). **Syn. nov.**
Spissistilus constans; Caldwell, 1949: 514, pl. 22, non *Thelia constans* Walker, 1851. (misidentification).

The comparative study of the female lectotype of *Membracis bubalus* Fabricius, deposited in the "Zoologisk Museum" (København), and of material identified as *Hadrophallus borealis* (Fairmaire), according to DENNIS (1952) and KOPP & YONKE (1979) interpretations, showed that they are the same species, corroborating the synonymy proposed by STÅL (1869).

Equally, the study of the male lectotype of *Ceresa integra* Walker, deposited in "The Natural History Museum" (London), showed that it is also the same species.

GODING (1929) placed *C. integra* Walker in the synonymy of *C. malina* (Germar, 1835). The comparative study of the original description and of the lectotype of *C. integra* Walker with material considered as *C. malina*, following the interpretation of REMES-LENICOV (1973) and ANDRADE (2004), showed that they are different species.

The species interpreted by REMES-LENICOV (1973) as *C. in-*

tegra Walker was described as a different species in ANDRADE (2002).

And, finally, the exam of the illustrations presented by CALDWELL (1949) for *Spissistilus constans* (Walker), showed to be identical to *Hadrophallus bubalus* (Fabricius), probably due to erroneous identification.

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