

## ***Rhynchotaenia* Brèthes, 1910 (preoccupied): transfer of its species to *Pseudotaeniorhynchus* Theobald, 1911 (Diptera: Culicidae)**

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**Abstract.** Due to the genus-group name *Rhynchotaenia* Brèthes, 1910 (currently a subgenus of *Coquillettidia* Dyar, 1904) being preoccupied by *Rhynchotaenia* Dising, 1850, the next available name, its synonym *Pseudotaeniorhynchus* Theobald, 1911, is treated here as the valid name for species previously allocated to *Rhynchotaenia*. As a result, the following 16 species-group names are transferred in this work to the subgenus *Pseudotaeniorhynchus* Theobald: *Coquillettidia* (*Pseudotaeniorhynchus*) *albicosta* (Chagas, 1908); *Cq. (Pst.) albifera* (Prado, 1931); *Cq. (Pst.) araozi* (Shannon & Del Pont, 1928); *Cq. (Pst.) arribalzagae* (Theobald, 1903); *Cq. (Pst.) chrysonotum* (Peryassú, 1922); *Cq. (Pst.) coticula* (Dyar & Knab, 1907); *Cq. (Pst.) fasciolata* (Lynch Arribáizaga, 1891); *Cq. (Pst.) hermanoi* (Lane & Coutinho, 1940); *Cq. (Pst.) juxtamansonia* (Chagas, 1907); *Cq. (Pst.) lynchi* (Shannon, 1931); *Cq. (Pst.) neivai* (Lane & Coutinho, 1940); *Cq. (Pst.) nigricans* (Coquillett, 1904); *Cq. (Pst.) nitens* (Cerqueira, 1943); *Cq. (Pst.) persephassa* (Dyar & Knab, 1909); *Cq. (Pst.) shannoni* (Lane & Antunes, 1937); *Cq. (Pst.) venezuelensis* (Theobald, 1912).

*Rhynchotaenia* Brèthes, 1910 was originally introduced as a distinct genus, with *Taeniorhynchus fasciolatus* Lynch Arribáizaga, 1891 subsequently designated as the type species by Edwards (1932). *Pseudotaeniorhynchus* Theobald, 1911 was also originally established as a genus, ironically also with *Taeniorhynchus fasciolatus* Lynch Arribáizaga subsequently designated as the type species by Brunetti (1914). *Rhynchotaenia* and *Pseudotaeniorhynchus* were both treated as synonyms of *Mansonia* Blanchard, 1901 by Howard *et al.* (1915), and the former was established as a subgenus of *Mansonia* by Dyar (1925), with *Pseudotaeniorhynchus* apparently retained as a synonym of *Mansonia*, as indicated by Dyar (1928), apparently until Edwards (1932) listed it as a synonym of *Rhynchotaenia*. *Rhynchotaenia* remained a subgenus of *Mansonia* until *Coquillettidia* was treated as a separate genus by Ronderos & Bachmann (1963), with *Rhynchotaenia* recognized as one of its subgenera and *Pseudotaeniorhynchus* listed as a synonym of *Rhynchotaenia*.

The culicid genus-group name *Rhynchotaenia* Brèthes (1910: 470), is found to be preoccupied by the cestode genus-group name *Rhynchotaenia* Dising (1850: 497, 521). As such, a replacement name is required. According to Ronderos & Bachmann (1963) and the more recent catalogs of Harbach (2018) and Wilkerson *et al.* (2021), the next available name

is its synonym *Pseudotaeniorhynchus* Theobald (1911: 18). *Pseudotaeniorhynchus* is thus here treated as the valid name in place of *Rhynchoaenia* Brèthes, 1910. The following is a checklist of valid names in the subgenus *Coquillettidia* (*Pseudotaeniorhynchus*), which currently includes 13 valid species and three junior synonyms. The three-letter abbreviation *Pst.* is recommended for the subgenus.

***Coquillettidia* (*Pseudotaeniorhynchus*)**

***albicosta*** (Chagas in Peryassú, 1908).

***albifera*** (Prado, 1931).

***arribalzagae*** (Theobald, 1903).

*coticula* (Dyar & Knab, 1907).

***chrysonotum*** (Peryassú, 1922).

***fasciolata*** (Lynch Arribálzaga, 1891).

***hermanoii*** (Lane & Coutinho, 1940).

***juxtamansonia*** (Chagas, 1907).

***lynchi*** (Shannon, 1931).

***neivai*** (Lane & Coutinho, 1940).

***nigricans*** (Coquillett, 1904).

*persephassa* (Dyar & Knab, 1909).

***nitens*** (Cerqueira, 1943).

***shannoni*** (Lane & Antunes, 1937).

***venezuelensis*** (Theobald in Surcouf, 1912).

*araози* (Shannon & Del Pont in Dyar, 1928).

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