Article

Additions and corrections to Borowski and Węgrzynowicz's world catalogue of Bostrichidae (Coleoptera)

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Abstract

Nomenclatural additions to, and corrections necessitated by the publication of, Borowski and Węgrzynowicz' (2007) recently published "World Catalogue of [the] Bostrichidae" are presented. The type species of *Bostrychopsis* Lesne, 1899 is designated under ICZN Art. 70.3 as *Bostrychopsis villosula* Lesne, 1905, which is the replacement name for the misidentified type species designation by Chûjô (1937) of *Bostrychopsis cephalotes sensu* Lesne 1899, not Olivier, 1790. *Bostrychopsis* Lesne, 1905 is removed from synonymy with *Apate* Fabricius. A neotype is designated for *Bostrichus cephalotes* Olivier, 1790 and *Bostrichus cephalotes* is made a junior synonym of *Bostrichus cornutus* Olivier 1790, removing it from synonymy with *Apate congener* Gerstäcker 1855, which is again considered a valid name. *Dominikia* Borowski and Węgrzynowicz, 2007 is synonymized with *Bostrychopsis* Lesne **new synonymy**. Lesne's 1938b *nomen nudum* was validated as *Amintinus* Anonymous, 1939: 240 [type species *Amintinus tenuis* Lesne 1938b, by original designation]. *Amintinus* Borowski and Węgrzynowicz' 2007: 16 (not Anonymous, 1939) [type species *Amintinus aethiopicus* Lesne 1938b, by original designation] is a **new synonymy** and **junior homonym**. Borowski and Węgrzynowicz' 2007 invalid designation of *Sinoxylon sericans* LeConte as the type species of *Dendrobiella* Casey is corrected to *Sinoxylon asperum* LeConte under ICZN Art. 69.2. Neotypes are designated for *Ligniperda tenebrans* Pallas, 1772 and *Apate hamatus* Fabricius, 1787, based on male and female respectively of what is now known as *Apate tenebrans* (Pallas) **new synonymy**. *Apate bicaudatus* Say, 1824 is designated a *nomen protectum* relative to *Apate aspericollis* Germar, 1824 (*nomen oblitum*) and *Apate serricollis* Germar, 1824 (*nomen oblitum*), and recognized as the species also known as *Amphicerus hamatus auctorum* (not Fabricius) under the combination *Amphicerus bicaudatus* (Say). *Schistoceros* Lesne, 1899 is shown to be an unjustified replacement name for *Amphicerus* LeConte (not *Amphiceras* Gray) and therefore an objective synonym with the same type species. Its recognition as the name of a second subgenus of *Amphicerus* is invalid. *Amphicerus* is recognized with no valid subgenera. *Dermestes muricatus* Linnaeus, 1767 is declared a *nomen oblitum* relative to its synonym *Bostrichus sexdentatus* Olivier, 1790, which is likewise declared a *nomen protectum*, and recognized as *Sinoxylon sexdentatum* (Olivier). A neotype is designated for *Dermestes muricatus* Linnaeus, 1767, based on a specimen of what is now known as *Sinoxylon sexdentatum* (Olivier). Several additional minor corrections regarding first synonymization, type species designations, and correct type repositories are identified.

Key words: nomenclature; powder-post beetles, Pierre Lesne

Borowski and Węgrzynowicz (2007) recently published a "World Catalogue of [the] Bostrichidae." In a variety of cases, details of unresolved nomenclature with a known historical trail were addressed without an understanding of that history, and in a simplistic and legalistic manner, contrary to both the facts and an ultimate goal of stability. One particular misinterpretation is repeated several times. Pierre Lesne was a careful bibliographer, and when confronted with a *nomen dubium*, he would place the name at the end of a synonymical table with a question mark, to indicate a place holder, but not an actual synonymy. In this way, he would avoid losing the name, but indicated a place to start for future scholarship. He did not intend these inclusions to be cause for use of these names as senior synonyms of the names he recognized, as is indicated by his avoidance of use. They were, in fact, instances of *incertae sedis*. In every such case, the types were lost, and the descriptions inadequate or had some problem associated with them. Lesne worked before the concept