




***Bazboltonia* nom. nov., a replacement name for the preoccupied Neotropical ant genus *Boltonia* Camacho & Feitosa 2022 (Hymenoptera: Formicidae)**

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In our recent revision and reclassification of the ant subfamily Ectatomminae (Camacho *et al.* 2022), we proposed the new genus name *Boltonia* Camacho & Feitosa to accommodate a single species, *B. microps* Borgmeier 1957, transferred from the genus *Heteroponera* Mayr. At that time, we believed *Boltonia* to be an available name, but recent evidence led us to conclude that this is a preoccupied name and that our ant genus needs a replacement name.

The name *Boltonia* was proposed twice in the entomological literature. Puvost (1919) created the genus †*Boltonia* for a paleodictyopteran insect, with †*Boltonia robusta* as its type species. One year later, Handlirsch (1920) also named a genus †*Boltonia*, for a stem-dictyoptera “roachoid”, designating †*Gerablattina* (*Aphthoroblattina*) *sulcata* Bolton 1911 as its type species. Currently, †*Boltonia* Handlirsch is a junior synonym of †*Necymylacris* Bolton 1917 (Blattodea) (Durden, 1969). Both Puvost (1919) and Handlirsch (1920) named their genera after the paleoentomologist Herbert Bolton.

Strand (1929) considered that the name applied for both dictyopteran fossils was preoccupied by *Boltonia* Koenig 1825, who apparently proposed the name when describing a new genus of ascidians (Tunicata). Strand then created the replacement names †*Boltopuvostia* for †*Boltonia* Puvost and †*Sulcoboltonia* for †*Boltonia* Handlirsch. Nevertheless, Strand’s assumption was incorrect. Koenig never created a genus named *Boltonia*. He used the name *Boltonia* for comparison in the discussion of another taxon, but he was referring to the tunicate *Boltenia* Savigny 1816, and simply misspelled the name. In fact, *Boltenia* Savigny is a valid current name (Shenkar *et al.*, 2022).

We initially judged that the substitute name created by Strand to replace *Boltonia* Koenig 1825 would render our new genus name *Boltonia* available, since it was proposed based on a nonexistent original homonymy. However, Strand’s replacement name for †*Boltonia* Handlirsch 1920 is needed, because of the description of †*Boltonia* Puvost 1919. Thus, by 1920 there were two available names with the spelling *Boltonia* and, consequently, there was actual homonymy. In addition, according to Article 10.6 of the International Code of Zoological Nomenclature, “A name once available remains so irrespective of its invalidity as a junior synonym, a junior homonym, an unjustified emendation, an unnecessary substitute name, or a suppressed name [...]”. In the case of *Boltonia*, the first formal use of the name is therefore valid and for all nomenclatural purposes †*Boltonia* Puvost 1919 must be considered an available name.

Thus, based on the aforementioned taxonomic history and in accordance with the article 60 of the International Code of Zoological Nomenclature, we here propose the new replacement name *Bazboltonia* nom. nov. for *Boltonia* Camacho & Feitosa 2022. Accordingly, a new combination is herein proposed for the single species currently included in the genus: *Bazboltonia microps* (Borgmeier 1957) **comb. nov.**

***Bazboltonia* nom. nov.**

Boltonia Camacho & Feitosa, 2022: 14 (Insecta, Hymenoptera). Preoccupied by †*Boltonia* Puvost, 1919 (Insecta, Orthoptera)
Type-species: *Heteroponera microps* Borgmeier 1957, by original designation.

Etymology. Following the original proposal in Camacho *et al.* (2022), the genus name is proposed in honor of the legendary ant taxonomist Barry Bolton, whose lifelong nickname is ‘Baz’.

***Bazboltonia microps* (Borgmeier 1957) comb. nov.**

Heteroponera microps Borgmeier, 1957: 112, figs. 23–26 (worker), BRAZIL.

Combination in *Boltonia*: Camacho & Feitosa, 2022: 14.

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