

Restrict and increase: a taxonomic revision of the jumping plant-louse genus *Leuronota* (Hemiptera: Psylloidea: Triozidae)

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The plant-louse genus *Leuronota* Crawford currently includes species from America, Southeast Asia, and Oceania, though there is evidence supporting the monophyly of the American species but not for the genus as presently perceived. This assumption was, however, not tested, owing to the lack of a formal genus revision, inadequate original descriptions of many of the species and insufficient material in general. Thus, we conducted this long-pending revision of *Leuronota* to achieve a better resolution of the group and to explore its internal relationships, as well as to properly classify several apparently new species recently collected in Brazil and Costa Rica. To do so, we revised over 1,000 specimens including relevant type material. Species delimitation was based mainly on characters of the forewing and male terminalia and, to a lesser extent, the genital processes and female terminalia. We described, photographed, and produced drawings for all species, and constructed an identification key for adult specimens. As a result, we (1) transferred the non-American species to other genera; (2) synonymised two described species; (3) revised the generic diagnosis; and (4) formally described 30 new species. These results were also supported by our molecular data. Our study almost doubled the number of described species of *Leuronota*, highlighting the importance of taxonomy as a fundamental discipline not only for cataloguing biodiversity but also for understanding it. Furthermore, we created the foundation for examining the evolutionary patterns of insect-plant associations, an important question one could not answer without a sound taxonomic base.