

A NOTE ON ZANCHISME KIRKALDY  
(HEMIPTERA : MIRIDAE)

J. MALDONADO-CAPRILES, *Department of Biology, College of Agriculture and Mechanic Arts, Mayagüez, Puerto Rico.*

The author wants to thank Dr. T. H. Farr, at the Institute of Jamaica, at Kingston, for the loan of most of the material treated in this paper. We are also grateful to Dr. R. C. Froeschner, at the United States National Museum, for comparing our material with that under his care. This paper was made possible through Grant No. NSF-G15891, from the National Science Foundation. In the measurements that follow 20 units are equivalent to 0.5 mm.

*Zanchisme* belongs to the myrmecomorphic orthotyline mirids of the tribe Pilophorini. It was established by Kirkaldy in 1904 with *Schizonotus dromedarius* Reuter 1892 as type species. At present it includes only *Z. illustris* Reuter and *Z. dromedarius* Reuter.

In Carvalho's key to the mirid genera of the world (1955), page 80, *Zanchisme* is included in couplet 15. Because Carvalho overlooked the scale-like hairs on the hemielytra of members of this genus his key has to be corrected as follows:

- |   |                              |
|---|------------------------------|
| 11. Hemielytra with scale-like or transversal silvery scale-like pubescent bands .....                              | 12                           |
| Hemielytra without scale-like hairs or silvery bands .....  | 15                           |
| 12. Pronotum noticeably constricted at middle, anterior lobe with three tubercles (Jamaica, Venezuela). .....       | <b>Zanchisme</b> Kirkaldy    |
| Pronotum not constricted, anterior lobe without tubercles .....   | 13                           |
| 13. Hemielytra with long erect bristles and scale-like hairs; pronotum not strongly narrowed in front .....         | 14                           |
| Hemielytra with semiadpressed pubescence plus scale-like hairs; pronotum strongly narrowed in front (Bolivia) ..... | <b>Lepidotaenia</b> Poppius  |
| 14. Pronotum covering mesoscutum and part of scutellum (Central and North America) .....                            | <b>Renodaeus</b> Distant     |
| Pronotum not covering mesoscutum (North America) .....  | <b>Pilophoropsis</b> Poppius |
| 15. Pronotum noticeably constricted at middle; femora usually somewhat curved .....                                 | 16                           |
| Pronotum not noticeably constricted at middle; femora straight .....  | 26                           |

**Zanchisme** Kirkaldy

*Schizonotus* Reuter, 1892. Ann. Soc. Ent. Fr. 61:401.

*Zanchisme* Kirkaldy, 1904. Ent. 37:280.

*Schistonotellus* Reuter, 1905. Ofv. F. Vet. Soc. Forh 47:32.

Orthotylinae, Pilophorini. Sparsely haired; pronotum and legs with sparse semidecumbent pilosity, hemielytra and sometimes scutellum with scale-like silvery pubescence in addition; pronotum shiny, smooth, strongly constricted before middle, anterior lobe narrower than head, with three tubercles on anterior margin; posterior lobe gibbose, higher and wider than anterior.