

## CONCERNING THE TYPES OF MIRIDAE DESCRIBED BY A. A. GIRAULT (Hemiptera)<sup>1</sup>

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During my recent visit to the Entomological Branch, Department of Primary Industry, Brisbane, Queensland, Australia, thanks to the courtesy of Dr. A. L. F. Brimblecombe, I had the opportunity to study the mirid types described by A. A. Girault from 1934-1936. Since there has been some controversy about Girault species I am taking this chance to elucidate their correct taxonomic position and synonymy. I wish to acknowledge the assistance of Mr. I. D. Galloy, curator of the collection.

Alexandre Arsene Girault (1884-1941) was born in Annapolis, Maryland and died in Brisbane, Australia, on May 2, 1941. He became a field assistant in the U. S. Bureau of Entomology, then assistant in entomology at the University of Illinois. In 1911 he was employed as an entomologist by the Bureau of Sugar Experiment Stations in Queensland, Australia, where he studied parasitic Hymenoptera and a few Hemiptera. Later, 1917 he was appointed assistant entomologist at the Queensland Department of Agriculture and Stock. Girault wrote 325 papers, from simple notes to descriptions of new genera and species. In the Hemiptera his descriptions are inadequate, reason why the study of his types was desirable.

<sup>1</sup> Recebido para publicação a 12 de novembro de 1973.

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The following species of Miridae labeled by Girault are to be found in the above collection.

### Cylapinae

#### FULVIINI

1. *Rhinomiridius bioculatus* Girault, Pamphlet Pub. by author, Brisbane, May 24, 1934.

The type of this genus which do not occur in Australia is lost. Description is not sufficient to recognize the species among other Australian miridae.

### Deraeocorinae

#### SATURNIOMIRINI

2. *Deraeocoris kaupskayna* Girault, a manuscript name represented by 4 specimens (1 male, 3 females).

Lawton, 26.X.1908, on fig leaves. This is probably why Girault in one of his Pamphlets mentioned *ESTUIDOS* (a synonym of *Trillaccus*) as being identical with *DERAEOCORIS*. The species is *Trillaccus nigroruber* Horváth, 1902.

### Phylinae

#### PHYLINI

3. *Ragnus argenteus* Girault, Pamphlet Pub. by author, Sydney, Dec. 34, 1934.

Lectotype female, on Silver wattle, April 1934, A. L. Brimblecombe, Brisbane; paralectotype female, same data as type. This species is a synonym of *Campylomma livida* Reuter, 1884.