

# PARAGUAY BIODIVERSIDAD

PARAGUAY BIODIVERSITY

PARAGUAY BIODIVERSITÄT



*Zoniopoda omnicolor* (Blanchard, 1843)

foto: U. Drechsel

Paraguay Biodiversidad	1(3)	11 - 13	Asunción, Mayo 2014
------------------------	------	---------	---------------------

# ***Edessa guyanensis* Fernandes & Doesburg, 2000, new record from Paraguay (Heteroptera: Pentatomidae)**

Ulf Drechsel\*

**Abstract:** Finds of *Edessa guyanensis* Fernandes & Doesburg, 2000 in two sites of Paraguay, far south of the previously known distribution area are given. A photograph in situ is added.

**Resumen:** Se reporta hallazgos de *Edessa guyanensis* Fernandes y Doesburg en dos sitios en Paraguay, 2000, muy al sur de su distribución conocida previamente. Se añade una fotografía in situ.

**Zusammenfassung:** Funde von *Edessa guyanensis* Fernandes & Doesburg, 2000 in zwei Lokalitäten in Paraguay, weit suedlich der bisher bekannten Verbreitung werden mitgeteilt. Eine Photographie in situ wird beigegeben.

**Key words:** Paraguay, Pentatomidae, Edessa.

## **Introduction**

The neotropical genus *Edessa* has “about 260 described species, but (estimation) at least 200 still undescribed!” (P. H. van Doesburg, 2011, in litt.). Many species of the genus *Edessa* occur in Paraguay, most of them differ only marginally from each other. These cannot be identified, nor can be described as new taxa because there is no revision of the entire species complex (Arnold, 2011). Few species-groups of the genus were revised or proposed by Fernandes et al. (2000a, 2000b, 2000c, 2001, 2011, 2012, 2014).

\*Gral. Aquino 694, Asunción, Paraguay (ulfdrechsel@hotmail.com)

***Edessa guyanensis* Fernandes & Doesburg, 2000**

ALTO PARANA: Refugio Biológico Limoy, 24° 45' S 54° 27' W, 6. XI. 2006;  
Estancia Dimas, 25° 32' S 55° 13' W, 7. VII. 2013.

*E. guyanensis* was first described in 2000, based on material from Suriname, French Guyana and Brazil (Fernandes & Doesburg, 2000). Other finds have been reported from Peru (Arnold, 2011). Additional occurrence can now be reported from two small remaining remnants of the former subtropical Atlantic forest in the eastern part of Paraguay. Photographs of the species were already published in [www.pybio.org](http://www.pybio.org).



Fig. 1: *Edessa guyanensis*, Estancia Dimas, 7. VII. 2013

**Acknowledgements**

Special thanks to my friends H. Bogado and W. Knapps for logistic support and for allowance to undertake biodiversity studies in their property. P. van Doesburg (Netherlands) and K. Arnold (Germany) are thanked for their valuable contributions in my Heteroptera studies.

### References

- ARNOLD, K., 2011. Fragmenta Heteroptera Neotropica IX (Insecta: Hemiptera: Heteroptera). *Edessana* 1: 69-112.
- FERNANDES J. A. M. & VAN DOESBURG P. H., 2000a. The *E. dolichocera*-group of *Edessa* Fabricius, 1803 (Heteroptera: Pentatomidae: Edessinae). *Zoologische Mededelingen*, Leiden, 73(20): 305-315.
- FERNANDES J. A. M. & VAN DOESBURG P. H., 2000b. The *E. beckeri*-group of *Edessa* Fabricius, 1803 (Heteroptera: Pentatomidae: Edessinae). *Zoologische Mededelingen*, Leiden, 74(7): 143-150.
- FERNANDES J. A. M. & VAN DOESBURG P. H., 2000c. The *E. cervus*-group of *Edessa* Fabricius, 1803 (Heteroptera: Pentatomidae: Edessinae). *Zoologische Mededelingen*, Leiden, 74(8): 151-165.
- FERNANDES, J. A. M., DOESBURG, P. H. VAN & GREVE, C. 2001. The *E. collaris*-group of *Edessa* Fabricius, 1803 (Heteroptera: Pentatomidae: Edessinae). *Zoologische Mededelingen* 75(15):239-250.
- FERNANDES J. A. M. & CAMPOS, L.D. 2011. A new group of species of *Edessa* Fabricius, 1803 (Hemiptera: Heteroptera: Pentatomidae). *Zootaxa* 3019: 63-68.
- SANTOS, B. T. S. DOS, A. T. S. NASCIMENTO & J. A. M. FERNANDES. 2014. Proposition of a new species group in *Edessa* Fabricius, 1803 (Hemiptera: Heteroptera: Pentatomidae: Edessinae). *Zootaxa* 3774(5): 441-459.
- SILVA, V.J. & FERNANDES J. A. M. 2012. A new species group in *Edessa* Fabricius, 1803 (Hemiptera: Heteroptera: Pentatomidae). *Zootaxa* 3313: 12-22.

