



**A new Pentatomidae for the fauna of Namibia:**  
***Kundelungua meridionalis* (Heteroptera, Pentatomidae, Podopinae)**

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**Abstract**

*Kundelungua meridionalis* Schouteden, 1966 (Heteroptera, Pentatomidae, Podopinae) is reported from Namibia for the first time. It has been found in Kuzikus Wildlife Reserve in the Kalahari desert, among the roots of grasses. Habitus and biotope are illustrated and a distribution map and biological data are provided.

**Keywords:** Stink bug, Hemiptera, Afrotropical region.

**Introduction**

*Kundelungua meridionalis* Schouteden, 1966 is a minute although very peculiar species of Podopinae presently reported from South Africa and Madagascar (DAVIDOVA-VILIMOVA, 1993).

The genus *Kundelungua* Schouteden, 1951 was reviewed and keyed by DAVIDOVA-VILIMOVA (1993) and contains 2 species: *K. leleupi* Schouteden, 1951, presently known only from Congo Democratic Republic, and *K. meridionalis*.

**Materials and methods**

The specimen has been found during the 2011 Entomological Project organized by the association BRinK (Biological Research in Kuzikus) in the Kuzikus Wildlife Reserve (Kalahari Desert, Namibia). It was hidden in the roots of grass and captured after uprooting the tuft of grass from the ground and dismantling the tuft.

It was identified using the key of DAVIDOVA-VILIMOVA (1993). The distribution map was produced using the software CFF 2.1, including the data of DAVIDOVA-VILIMOVA (1993) (note that Bothaville is misspelled "Botharille" in that paper).

***Kundelungua meridionalis* Schouteden, 1966  
Namibia n. sp.  
(Figs 1-3)**

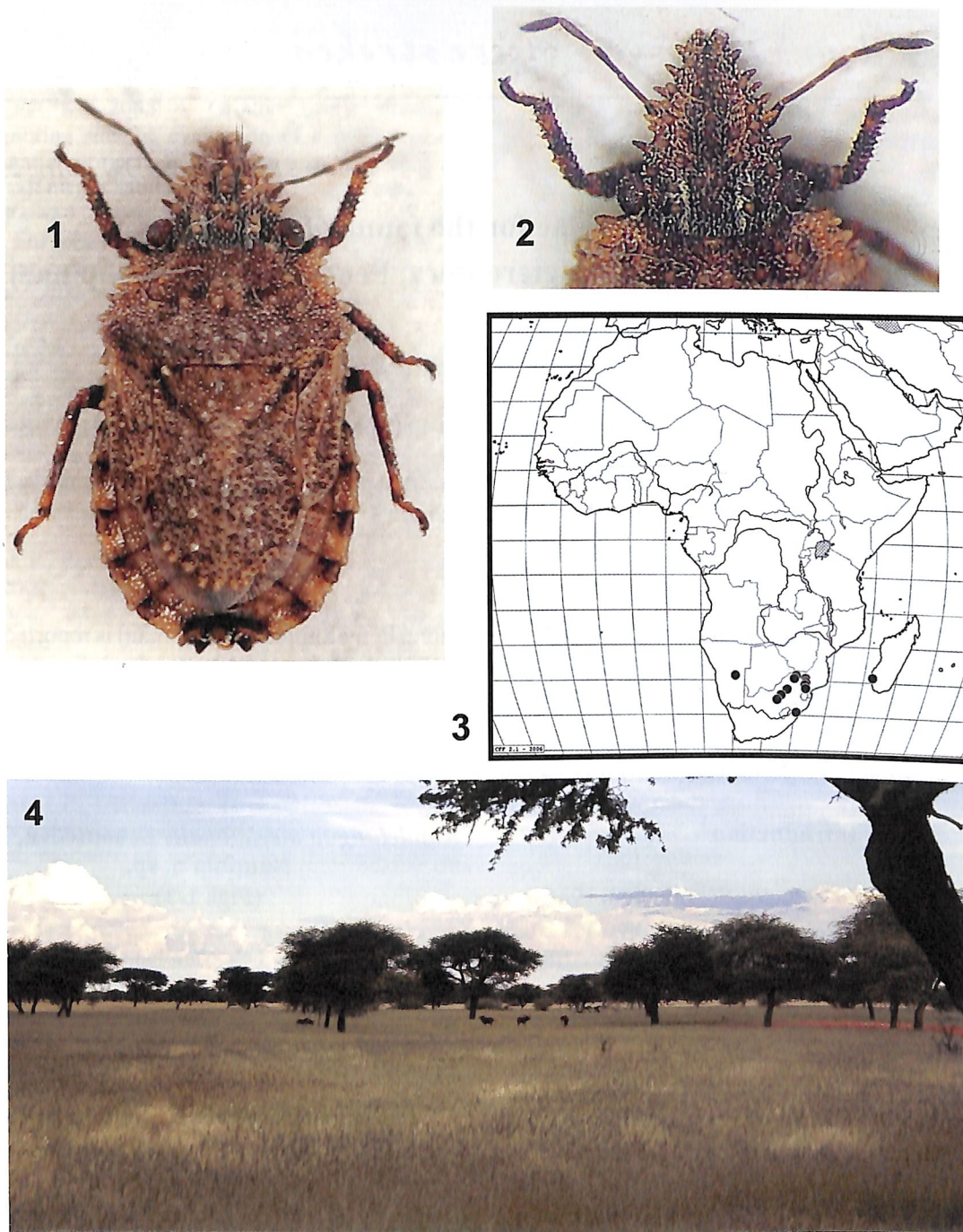
Material examined: 1♂: Namibia, Kuzikus Wildlife Reserve, 23°14'17.2"S 18°23'28.8"E, under grass (*Aristida* spp.), 11.IV.2011, I.G.: 31.840, leg. J. Constant. Deposited in the collections of the Royal Belgian Institute of Natural Sciences (Brussels).

The biotope (Fig. 4) is a savannah dominated by the grasses *Aristida* L. spp. and *Stipagrostis uniplumis* (Licht.) De winter (both Poaceae), and with some *Acacia erioloba* E. Mey. trees and *Acacia hebeclada* DC. Shrubs (Fabaceae).

Distribution: see Fig. 3.

**Comments**

*K. meridionalis* is easy to separate from *K. leleupi* using the key of DAVIDOVA-VILIMOVA (1993). Finding the species in the field is not easy as it is small and very well camouflaged on the ground. As it lives on the ground, pitfall traps could be a good collecting method to monitor that species. The present data greatly extends the distribution of the species to the West (Fig. 3).



Figs 1-4. *Kundelungua meridionalis*, male. 1. dorsal view. 2. detail of the head. 3. distribution map. 4. biotope in which the specimen was collected.

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conservation de la nature". We also thank Dr Yvan Barbier for producing the map.

#### References

- DAVIDOVA-VILIMOVA J., 1993. - Revision of the genus *Kundelungua* (Heteroptera: Pentatomidae: Podopinae). *European Journal of Entomology*, 90: 159-173.