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***Peritropis waclawi*, a new species of Cylapinae from Namibia
(Hemiptera: Heteroptera: Miridae)***

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ABSTRACT. *Peritropis waclawi* a new species of Cylapinae is described on the basis of a single specimen collected in Namibia. The dorsal habitus of the new species is illustrated.

KEY WORDS: Heteroptera, Miridae, Cylapinae, new species, Namibia.

INTRODUCTION

The subfamily Cylapinae is a relatively small group of mirids inhabiting warm regions of the world. Most its representatives are probably fungivorous, although some of them are also carnivorous (GORCZYCA 2000, 2006, PLUOT-SIGWALT & CHÉROT 2013). The genus *Peritropis* UHLER, 1891 is one of the most numerous in species within the subfamily occurring mostly in tropical and subtropical regions of the world. Most species of the genus inhabit the Afrotropical Region, from where almost 30 species have been described (GORCZYCA 2006), and in South America where 21 species are known (WOLSKI & HENRY 2012).

Among material collected in Namibia I found a specimen of the subfamily Cylapinae which is a new species of the genus *Peritropis*. Its description is provided below.

* The paper is dedicated to Prof. Waclaw WOJCIECHOWSKI in recognition of his great contribution to the taxonomy and faunistics of Hemiptera.

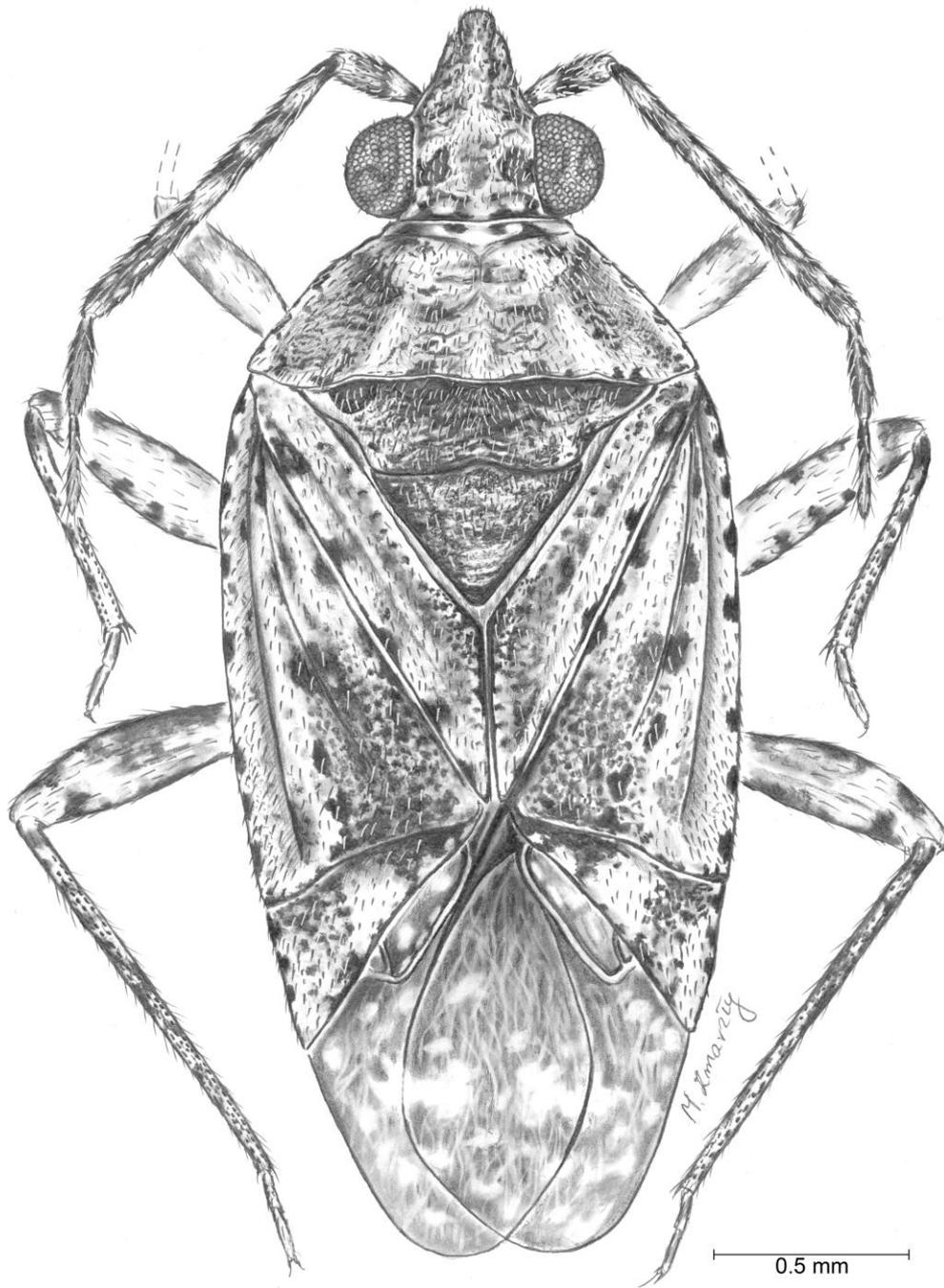


Fig. 1. *Peritropis waclawi* sp. nov. holotype, dorsal habitus.

TAXONOMY

Peritropis waclawi sp. n.**Etymology**

I dedicate this species to Waclaw WOJCIECHOWSKI, the well-known Polish aphidologist and also my friend on the occasion of his 70th birthday.

Type material

Holotype (male): Namibia, Onguma Lodge, 05. 12. 2014, 1055 m, at light, Etosha NP., leg. R. DOBOSZ. Housed in the Upper Silesian Museum, Bytom, Poland.

Diagnosis

The new species is rather similar to *Peritropis vanharteni* LINNAVUORI & GORCZYCA, 2002 but differs in its bigger size (*P. vanharteni* – 2.55-2.60 mm), shorter second antennal segment (*P. vanharteni* – 1.0 mm), and the colouration of the body and membrane with paler spots and patches (Fig. 1).

Description (male)

Body pale with dark brown patches and spots. Body length 3.22 mm, width 1.24 mm. Head white mottled with small brown patches, covered with short, white, shiny, scale-like setae, vertex with distinct occipital carina and two larger brown patches contiguous with inner margins of eyes (Fig. 1), clypeus slightly tinged red. Length of head 0.53 mm, width 0.64 mm, diameter of eye 0.17 mm. Antennae inserted in tubercles contiguous with margins of eyes. First antennal segment short, thick, brown, white at base and apex, covered with short pale setae. Second segment brown with pale patches, covered with pale and dark setae, thickened slightly towards apex. Third and fourth segments short, brown covered with pale protruding setae longer than their diameter, fourth segment divided. Length of antennal segments in mm: 0.31: 0.90: 0.23: 0.29. Labium thin, brown reaching abdomen, length of individual segments not measurable in the specimen examined. Pronotum pale with numerous brown and a few red and orange patches, lateral margins distinctly elevated with a few dark spots on sides, anterior lobe of pronotum raised, posterior margin sinuate. Length of pronotum 0.43 mm, anterior margin of pronotum 0.41 mm, lateral margins 0.54 mm, posterior margin 1.13 mm. Mesoscutum relatively large, raised, mesoscutum and scutellum brown mottled with numerous small, pale patches, covered with pale, short, scale-like setae.

Hemelytra pale with numerous small brown patches and with two large brown patches contiguous with costal fracture, covered with short, dark brown and white setae, embolium slightly tinged orange, with small dark brown patches in margins, clavus pale mottled with

brown patches, cuneus relatively wide, with pale and brown patches, slightly tinged orange. Membrane pale grey with a paler pattern (Fig. 1).

Body ventrally dark brown with pale and red patches, coxae and trochanters white, femora pale with dark brown and red patches, tibiae pale with dark brown pattern, tarsi very short, pale brown, claws with a subapical tooth.

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REFERENCES

- GORCZYCA J. 2000. A systematic study on Cylapinae with a revision of Afrotropical Region (Heteroptera, Miridae). Prace Naukowe Uniwersytetu Śląskiego, Katowice N° 1863. Wydawnictwo Uniwersytetu Śląskiego, Katowice.
- GORCZYCA J. 2006. The Catalogue of the subfamily Cylapinae KIRKALDY, 1903 of the World (Hemiptera, Heteroptera, Miridae). Monographs of the Upper Silesian Museum 5. Upper Silesian Museum, Bytom.
- LINNAVUORI R., GORCZYCA J. 2002. Two new species of *Peritropis* UHLER from the Arabian Peninsula (Heteroptera: Miridae: Cylapinae). Genus **13**(2): 183–188.
- PLUOT-SIGWALT D., CHÉROT F. 2013. Données biologiques et anatomiques, régime alimentaire et taxonomie d'un nouveau *Fulvius* afrotropical (Insecta, Heteroptera, Miridae, Cylapinae, Fulviini). Zoosystema **35**(1): 45–68.
- WOLSKI A., HENRY T. 2012. Revision of the New World Species of *Peritropis* UHLER (Heteroptera: Miridae: Cylapinae). Insect Systematic and Evolution **43**(3-4): 213–270.

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