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## ***Meharia* Chrétien, 1915 - new genus in Zimbabwean Fauna (Lepidoptera: Cossidae)**

R. V. Yakovlev & Th. J. Witt

### **Abstract**

The article gives a new indication on the species of the genus rare for the territory of Africa, *Meharia* Chrétien, 1915. *Meharia ganslmeieri* Yakovlev & Witt, 2015 is indicated for the first time for the fauna of Zimbabwe, which significantly extends the habitat of the genus to the South.

KEY WORDS: Lepidoptera, Cossidae, *Meharia*, new indication, Zimbabwe.

*Meharia* Chrétien, 1915 - nuevo género en la fauna zimbabuense  
(Lepidoptera: Cossidae)

### **Resumen**

El artículo da una nueva indicación sobre la especie para el territorio de África, del raro género *Meharia* Chrétien, 1915. *Meharia ganslmeieri* Yakovlev & Witt, 2015 es indicado por primera vez para la fauna de Zimbabwe, extendiendo significativamente, el hábitat del género hacia el sur.

PALABRAS CLAVE: Lepidoptera, Cossidae, *Meharia*, nueva indicación, Zimbabwe.

### **Introduction**

The genus *Meharia* Chretien, 1915 (type species *Meharia incurvariella* Chretien, 1915) is a type genus for the monotypic subfamily Mehariinae Yakovlev, 2011. The genus *Meharia* consists of 15 species (YAKOVLEV & SALDAITIS, 2008; YAKOVLEV, 2011, 2014; BORTH *et al.*, 2010; SALDAITIS & IVINSKIS, 2010; YAKOVLEV & WITT, 2015): *M. acuta* Wiltshire, 1982 (distributed in Saudi Arabia, Yemen and Oman); *M. avicenna* Yakovlev, 2011 (distr. in Southern Iran); *M. fischeri* Yakovlev & Saldaitis, 2008 (distr. in Morocco); *M. breithaupti* Yakovlev, 2014 (distr. in UAE); *M. ganslmeieri* Yakovlev & Witt, 2015 (distr. in Zambia); *M. hackeri* Saldaitis, Ivinskis & Yakovlev, 2011 (distr. on Socotra Island, Yemen); *M. incurvariella* Chrétien, 1915 (distr. in Algeria and Morocco); *M. murphyi* Yakovlev & Saldaitis, 2013 (distr. in Malawi); *M. ostrauskasi* Ivinskis & Saldaitis, 2013 (distr. in Kenya); *M. philbyi* Bradley, 1952 (distr. across the Arabian peninsula in Saudi Arabia, Yemen and Oman); *M. scythica* D. Komarov & Zolotuhin, 2005 (distr. in the Southern Volga region, South-Western Russia: ); *M. semilactea* (Warren & Rothschild, 1905) (distr. in Israel, Jordan, Saudi Arabia, Oman, UAE, Yemen, the Sinai Peninsula, Egypt, Northern Sudan, Morocco and Mauritania); *M. tancredii* Sutton, 1963 (distr. in Northern Iran); *M. tanganyikae* Bradley, 1952 (distr. in Tanzania); *M. yakovlevi* Saldaitis & Ivinskis, 2010 (distr. on Socotra Island, Yemen).

The specimens of the genus are distributed from the South Volga (KOMAROV & ZOLOTUHN, 2005) throughout Arabia and Sahara up to Malawi and Zambia (YAKOVLEV *et al.*, 2013;

YAKOVLEV & WITT, 2015). During the examination of materials on Cossidae deposited in Ditsong National Museum of Natural History, Pretoria, South Africa (formerly Transvaal Museum), we have discovered a male of *M. ganslmeieri* Yakovlev & Witt, 2015, collected on the territory of Zimbabwe. This founding significantly enlarges the areal of the genus *Meharia* to the South.

## Results and discussion

*Meharia ganslmeieri* Yakovlev & Witt, 2015 (Figs 1-2)

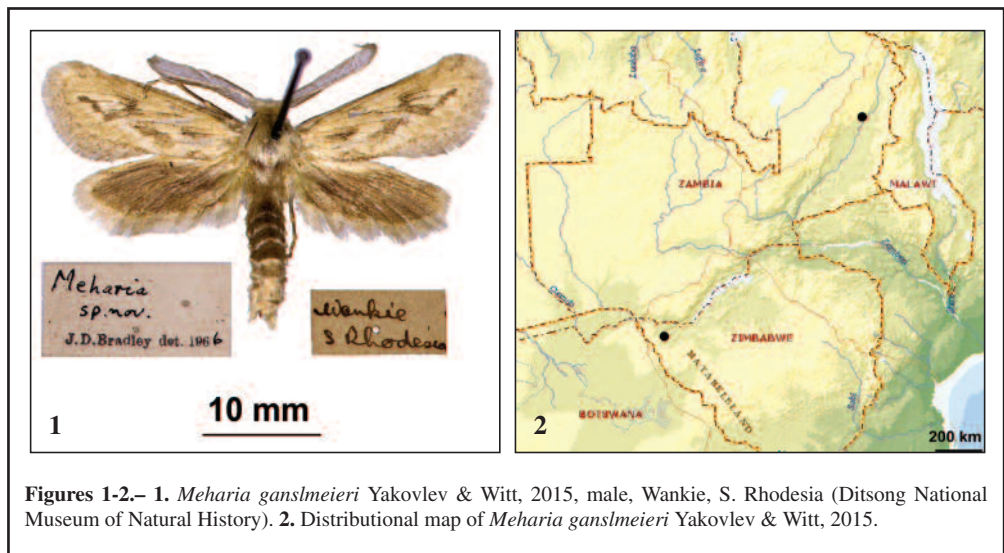
Type locality: Zambia, Luangwa Valley.

Type material (holotype) in Museum Witt (Munich).

Material: 1 ♂, Wankie [Hwange, Matabeleland North Province, 18° 21' 53"S 26° 30' 00"E], S. Rhodesia [Zimbabwe].

Distribution: Southern Zambia, NE Zimbabwe.

Notes: The specimen is provided with an identifying label written by hand of J. D. Bradley "*Meharia* sp. nov.". The initial data on the Cossidae fauna of Zimbabwe were published here (YAKOVLEV & LENZ, 2013). Thus, 16 Cossid species of 10 genera are currently known from the territory of Zimbabwe.



**Figures 1-2.**– 1. *Meharia ganslmeieri* Yakovlev & Witt, 2015, male, Wankie, S. Rhodesia (Ditsong National Museum of Natural History). 2. Distributional map of *Meharia ganslmeieri* Yakovlev & Witt, 2015.

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## BIBLIOGRAPHY

- BORTH, R., IVINSKIS, P., SALDAITIS, A. & YAKOVLEV, R., 2011.– Cossidae of the Socotra Archipelago (Yemen).– *ZooKeys*, **122**: 45-69.
- CHRÉTIEN, P., 1915.– Contribution a la connaissance des Lépidoptères du Nord de l'Afrique.– *Annales de la Société Entomologique de France*, **84**: 290-374.

- KOMAROV, D. & ZOLOTUHN, V., 2005.– A new species of *Meharia* Chrétien, 1915 (Cossidae) from the Lower Volga Region.– *Nota lepidopterologica*, **28**(1): 49-54.
- SALDAITIS, A. & IVINSKIS, P., 2010.– *Meharia yakovlevi*, a new species (Lepidoptera, Cossidae) from Yemen.– *Esperiana*, **15**: 379-382.
- YAKOVLEV, R., 2011.– Catalogue of the Family Cossidae of the Old World.– *Neue Entomologische Nachrichten*, **66**: 1-129.
- YAKOVLEV, R. V., 2014.– A new species of *Meharia* Chretien, 1915 (Lepidoptera, Cossidae) from the United Arab Emirates, with a world catalogue of the genus.– *Zootaxa*, **3895**(3): 401-410.
- YAKOVLEV, R., IVINSKIS, P., RIMSAITE, J. & SALDAITIS, A., 2013.– Description of two new species of *Meharia* Chrétien, 1915 (Lepidoptera: Cossidae) from East Africa.– *Zootaxa*, **3635**(5): 587-590.
- YAKOVLEV, R. & LENZ J., 2013.– On the Fauna of Cossidae (Lepidoptera) of Zimbabwe with description of a new species.– *Zootaxa*, **3718**(4): 387-397.
- YAKOVLEV, R. V. & SALDAITIS, A., 2008.– New species of Palaearctic and Oriental Cossidae (Lepidoptera) III. New species of genus *Meharia* Chrétien, 1915 from Morocco.– *Eversmannia*, **15-16**: 49-52. (in Russian)
- YAKOVLEV, R. V. & WITT, TH., 2015.– *Meharia ganslmeieri* sp. nov.– a new Cossidae species from Zambia (Lepidoptera).– *Zootaxa*, **4032**(3): 319-321.

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