

# Taxonomic notes on the African leaf-roller moth *Gypsonoma paradelta* (Meyrick, 1925) (Lepidoptera, Tortricidae)

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*Eucosma paradelta* Meyrick, 1925 and *E. picrodelta* Meyrick, 1932 are synonymized. The female genitalia are figured for the first time.

Key words: Lepidoptera, Tortricidae, *Gypsonoma*, new synonymy, Africa.

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## INTRODUCTION

Recently large series of a characteristic African tortricid belonging to the tribe Eucosmini, have become available for study. Comparison with published figures of type specimens (Clarke 1958, Razowski & Krüger 2007) showed that the species had been described twice by Edward Meyrick. In the present paper the two names are formally synonymized and the female genitalia are figured for the first time.

## MATERIAL & METHODS

Specimens used in the present work were collected in Kenya in 1998–2000 by David Agassiz, and in Tanzania in 2005 by Michael Fibiger, Anthony Kingston and the author. One additional specimen from Tanzania was discovered in the collections of the Zoological Museum, University of Copenhagen (ZMUC). Photos of the genitalia were taken using a Leica DFC 420 digital camera. The photos of the moths were taken using Microptics photographic system. The digital images were manipulated with Adobe Photoshop CS. The terminology of genitalia and other morphological structures follows Horak (2006). Specimens presently in the collection of David Agassiz will later be transferred to the Natural History Museum

in London. Abbreviations: NHMO = Natural History Museum, University of Oslo; LAA = Leif Aarvik; TK = Timm Karisch

## TAXONOMY

### *Eucosma paradelta* Meyrick, 1925: 141.

*Gypsonoma paradelta* Razowski & Krüger, 2007: 123, Figures 86, 217.

*Eucosma picrodelta* Meyrick, 1932: 111; Clarke, 1958: 383, Figures 1, 1a. **Syn. nov.**

**Material examined.** KENYA: Rift Valley Prov. Turi 8000 ft. 1♂ 23.X.1998; 1♂ 25.X.1998; 1♀ 27.X.1998; 1♀ 15.I.1999, with genitalia on slide LAA 2007.020; 1♂ 12.III.1999, with genitalia on slide TK 1927; 1♂ 23.V.1999; 1♂ 8.VI.1999, with genitalia on slide LAA 2007.019; 1♀ 25.VI.1999, with genitalia on slide LAA 2008.018; 1♂1♀ 29.II.2000 leg. D.J.L. Agassiz; TANZANIA: 1♀ Tanga Region Lushoto Distr., 1400 m. Mazumbai Forest Reserve 30.XI.-7.XII.1995 leg. S. McKamey et al. coll ZMUC, Denmark, with genitalia on slide LAA 2007.021; 7♂♂,7♀♀ Tanga Reg., Mufindi Distr. Kigogo Forest 1900 m. 23–25.XI.2005 leg. L. Aarvik, M. Fibiger A. Kingston, genital slides ♂ LAA 2730, ♀ LAA 2731, ♂ LAA 2770, coll. LAA, to be deposited in NHMO.