



MONOGRAPH OF THE AFROTROPICAL SPECIES OF *SCELIO* LATREILLE (HYMENOPTERA, PLATYGASTRIDAE), EGG PARASITOIDS OF ACRIDID GRASSHOPPERS (ORTHOPTERA, ACRIDIDAE)

BY MATTHEW J. YODER, ALEJANDRO A. VALERIO, ANDREW POLASZEK, SIMON VAN NOORT, LUBOMÍR MASNER, NORMAN F. JOHNSON



Scelio susurro Yoder, sp. n.

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Parasitic wasps of the genus *Scelio* (Hymenoptera: Platygastri-
dae) attack and destroy the eggs of short-horned grasshoppers
(Acrididae). Included among these hosts are some of the most
destructive of all insects, the plague locusts. As a result, species
of *Scelio* are potential allies in the biological control of these
pests. This paper is the first comprehensive examination of the
species of *Scelio* of the Afrotropical region in over 50 years. A
total of 62 species were found, 77% of which are new to sci-
ence. Descriptions and keys for identification are provided, and
each species is extensively illustrated. This work is a product
of the Platygastroidea Planetary Biodiversity Program and was
conducted using biodiversity informatics tools and applications
developed as part of that project.

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