

Comments on the article by Katbeh Bader and Massa on Jordanian Tettigoniidae (J. Orthoptera Res. 10(1): 25–37)

Authors: Pener, Meir Paul, Broza, Meir, and Ayal, Yoram

Source: Journal of Orthoptera Research, 10(2) : 375-376

Published By: Orthopterists' Society

URL: [https://doi.org/10.1665/1082-6467\(2001\)010\[0375:COTABK\]2.0.CO;2](https://doi.org/10.1665/1082-6467(2001)010[0375:COTABK]2.0.CO;2)

BioOne Complete (complete.BioOne.org) is a full-text database of 200 subscribed and open-access titles in the biological, ecological, and environmental sciences published by nonprofit societies, associations, museums, institutions, and presses.

Your use of this PDF, the BioOne Complete website, and all posted and associated content indicates your acceptance of BioOne's Terms of Use, available at www.bioone.org/terms-of-use.

Usage of BioOne Complete content is strictly limited to personal, educational, and non - commercial use. Commercial inquiries or rights and permissions requests should be directed to the individual publisher as copyright holder.

BioOne sees sustainable scholarly publishing as an inherently collaborative enterprise connecting authors, nonprofit publishers, academic institutions, research libraries, and research funders in the common goal of maximizing access to critical research.

Comments on the article by Katbeh Bader and Massa on Jordanian Tettigoniidae (J. Orthoptera Res. 10(1): 25-37)

MEIR PAUL PENER, MEIR BROZA AND YORAM AYAL

(MPP) Department of Cell and Animal Biology, Alexander Silberman Institute of Life Sciences, The Hebrew University of Jerusalem, 91904 Jerusalem, Israel. E-mail: pener@vms.huji.ac.il

(MB) Department of Biology, University of Haifa at Oranim, 36006 Qiryat Tiv'on, Israel. E-mail: broza@research.haifa.ac.il

(YA) Mitrani Center for Desert Ecology, Jacob Blaustein Institute for Desert Research, Ben-Gurion University of the Negev, 84990 Sede Boqer Campus, Israel. E-mail: ayal@bgumail.bgu.ac.il

While reading the above paper we found several errors that require comment.

(1). P. 26, *Diogenes fausta* (Burmeister). Katbeh Bader and Massa claim that they record the species "...for the first time from the Middle East". However, we had already recorded *D. fausta* from Israel (Ayal *et al.*, 1999). The abstract of our paper is listed in the 1999 volume of Biological Abstracts and by ISI Web of Science. Even if the paper by Katbeh Bader and Massa was written before 1999, they should have corrected this statement at the proof stage.

(2). P. 27, *Tylopsis lilifolia* (Fabricius). Katbeh Bader and Massa state that their Jordanian specimens belong to the deserticolous form according to Ragge (1964). However, Ragge (1974) described *Tylopsis peneri* from Israel, stating that the specimens "...appeared at first to represent a deserticolous form of the widespread species *Tylopsis lilifolia* ...". Ragge (1974) then ruled out the possibility that these deserticolous specimens were a subspecies of *T. lilifolia* and described them as *T. peneri* new species. Katbeh Bader and Massa ignore Ragge's (1974) article in spite of the fact that all characteristics given for their "deserticolous form" are similar to those of *T. peneri*. Even if the specimens of Katbeh Bader and Massa are *T. lilifolia* and not *T. peneri*, a comparison with *T. peneri* should have been made.

(3). P.29, *Scotodrymadusa philbyi* (Uvarov). Katbeh Bader and Massa claim to change the status of *Paradrymadusa philbyi* to *S. philbyi*. However, Ramme (1939) had already made this change. Ramme's (1939) article, erecting the genus *Scotodrymadusa*, states twice, that he is changing the status of *P. philbyi* to *S. philbyi*. Ramme (1939, pp. 59-60) lists ten species (including *S. philbyi*) which he places into the new genus *Scotodrymadusa*, diagnosed in his paper on p. 81. Ramme (1939, p. 85) lists again the species which belong to the genus *Scotodrymadusa* and again includes *philbyi*. Unfortunately, Otte (1997) and Naskrecki & Otte (1999) do not refer to these changes made in Ramme's (1939) article. Katbeh Bader and Massa state that Ramme (1951) transferred *Paradrymadusa rammei*, *P. anatolica* and *P. maculata* to the genus *Scotodrymadusa*. However, this transfer was made by Ramme in 1939 (pp. 59-60 and 85, see above). Katbeh Bader and Massa further state that recent examination of the type of *Paradrymadusa syriaca* allowed them to also include this species in the genus *Scotodrymadusa*. Again, the transfer of this species to *Scotodrymadusa* was made by Ramme (1939, pp. 59-60 and 85). Presumably, Katbeh Bader and Massa did not consult Ramme's (1939) original article in spite of the fact that they cite it in the "literature cited" section of their paper.

(4). P.30, *Scotodrymadusa philbyi* (Uvarov). Katbeh Bader and Massa state that the female has been unknown and they characterize it. However, Uvarov (1933, p. 665, reference cited by Katbeh Bader and Massa) described the female under the name *Paradrymadusa philbyi*, though Uvarov (1939, p. 220) himself has forgotten his own description of the female. The fact that Uvarov described the female is also stated by Otte (1997, p. 303) and Naskrecki & Otte (1999).

Literature cited

- Ayal Y., Broza M., Pener M.P. 1999. Geographical distribution and habitat segregation of bushcrickets (Orthoptera: Tettigoniidae) in Israel. *Israel Journal of Zoology* 45: 49-64.
- Naskrecki P., Otte D. 1999. An illustrated Catalog of Orthoptera. Vol. I. Tettigonioidae. (CD ROM). The Orthopterists' Society at the Academy of Natural Sciences of Philadelphia.
- Otte D. 1997. Orthoptera Species File 7. Tettigonioidae. The Orthopterists' Society at the Academy of Natural Sciences of Philadelphia.
- Ragge D.R. 1964. A revision of the genus *Tylopsis* Fieber (Orthoptera: Tettigoniidae). *Bulletin of the British Museum (Natural History), Entomology* 15: 297-322.
- Ragge D.R. 1974. A new species of *Tylopsis* Fieber from Southern Israel (Orthoptera: Tettigoniidae). *Israel Journal of Zoology* 22[1973]: 63-66.
- Ramme W. 1939. Beiträge zur Kenntnis der palaearktischen Orthopterenfauna (Tettig. u. Acrid.). III. Mitteilungen aus dem Zoologischen

Museum in Berlin 24: 41- 150.

Ramme W. 1951. Zur Systematik Faunistik und Biologie der Orthopteren von südost-Europa und Vorderasien. Mitteilungen aus dem Zoologischen Museum in Berlin 27[1950]: 1-432.

Uvarov B.P. 1933. Notes on new and little-known Orthoptera from Palestine. Annals and Magazine of Natural History, Ser. 10, 11: 663-672.

Uvarov B.P. 1939. New and less-known Palestinian Orthoptera. Annals and Magazine of Natural History, Ser. 11, 4: 216-227.