

Journal of Melittology

Bee Biology, Ecology, Evolution, & Systematics

The latest buzz in bee biology

No. 51, pp. 1–2

17 September 2015

BRIEF COMMUNICATION

A replacement name in the genus *Heriades* (Hymenoptera: Megachilidae)

Michael S. Engel^{1,2}

Abstract. A replacement name is proposed to remove a case of secondary homonymy within the genus *Heriades* Spinola (Megachilinae: Osmiini). *Heriades* (*Heriades*) *micheneriana* Engel, new name, is established in place of *H. (H.) micheneri* (Gupta & Sharma), a junior homonym of *H. (Neotrypetes) micheneri* Timberlake.

INTRODUCTION

Gupta (1987) established the subgenus *Orientoheriades* for a group of three, putatively new species of *Heriades* Spinola from Himachal Pradesh, India. Later, Gupta (1993, 1999) elevated the group to the rank of genus and placed therein a further 14 species. Griswold & Michener (1997), in their review of the supraspecific classification of Eastern Hemisphere osmiines, synonymized *Orientoheriades* with *Heriades* s.str., citing their many shared and unique characters. They further noted that the type species of the former might itself be a synonym of *Heriades* (*Heriades*) *chrysogaster* (Cameron), a well-known species across the Himalayan region.

The placement of *Orientoheriades* within *Heriades* created a case of nomenclatorial conflict between two epithets, both proposed as honorifics for Prof. Charles D. Michener — *H. (H.) micheneri* (Gupta & Sharma) and *H. (Neotrypetes) micheneri* Timberlake — and necessitating replacement of the junior name. The latter species occurs in western North America, specifically the southwestern United States and northwestern Mexico, while the former and more junior of the two, originally established in *Orien-*

¹ Division of Entomology, Natural History Museum, and Department of Ecology & Evolutionary Biology, 1501 Crestline Drive – Suite 140, University of Kansas, Lawrence, Kansas 66045-4415, USA (msengel@ku.edu).

² Division of Invertebrate Zoology, American Museum of Natural History, Central Park West at 79th Street, New York, New York 10024-5192, USA.

doi: <http://dx.doi.org/10.17161/jom.v0i51.5000>

toheriades, is known only from Himachal Pradesh, northwestern India. The present name is being established to remove this homonymy and to make the replacement available for use in a forthcoming work.

TAXONOMY

Heriades (Heriades) micheneriana Engel, new name

ZooBank: urn:lsid:zoobank.org:act:4D157D62-3D7D-4394-BB4A-1C34FB332E51

Orientoheriades micheneri Gupta & Sharma in Gupta, 1993: 100. Gupta, 1999: 107 [reprinting of Gupta (1993) and therefore appears as 'new' again].

Heriades (Heriades) micheneri (Gupta & Sharma); Griswold & Michener, 1997: 237 [combination implied by synonymy of *Orientoheriades* Gupta with *Heriades* Spinola s.str.], *nomen praeoccupatum* [nec *Heriades (Neotrypetes) micheneri* Timberlake, 1947].

ETYMOLOGY: The new specific epithet conserves the intended honorific for Prof. Charles D. Michener of the University of Kansas, and in recognition of his lifetime devotion to and achievements in systematic melittology.

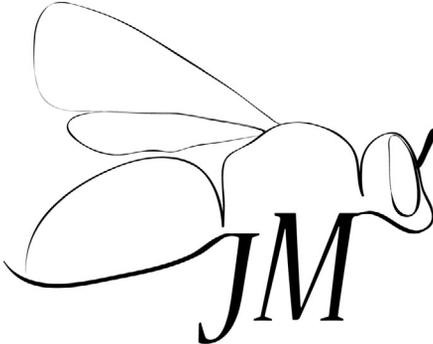
ACKNOWLEDGEMENTS

I am grateful to Claus Rasmussen for encouraging me to provide this replacement name, and to two reviewers for their comments on this brief note. This is a contribution of the Division of Entomology, University of Kansas Natural History Museum.

REFERENCES

- Griswold, T.L., & C.D. Michener. 1997. The classification of the Osmiini of the Eastern Hemisphere (Hymenoptera, Megachilidae). *Journal of the Kansas Entomological Society* 70(3): 207–253.
- Gupta, R.K. 1987. On a new subgenus *Orientoheriades* and two new species of genus *Heriades* Spinola from India (Insecta, Hymenoptera, Apoidea, Megachilidae). *Reichenbachia* 25(15): 67–71.
- Gupta, R.K. 1993. *Taxonomic Studies on the Megachilidae of North-Western India (Insecta, Hymenoptera, Apoidea)*. Indian Council of Agricultural Research; New Delhi, India; [iii]+288 pp.
- Gupta, R.K. 1999. *Taxonomic Studies on the Megachilidae of North-Western India (Insecta, Hymenoptera, Apoidea)*. Scientific Publishers; Jodhpur, India; [iv]+294 pp. [Nota bene: This book is a reprinting of Gupta (1993), which is otherwise a rather obscure volume with original copies difficult to trace. The same taxonomic actions are presented in the reprinted edition, although under different pagination, but these have no nomenclatorial standing as all were made available in the 1993 edition.]
- Timberlake, P.H. 1947. Two new species of bees from Arizona (Hymenoptera, Apoidea). *Pan-Pacific Entomologist* 23(1): 26–30.

ZooBank: urn:lsid:zoobank.org:pub:DBC79B96-2D2E-48A9-B3BC-4EEB36F8FBBF



Journal of JM Melittology

A Journal of Bee Biology, Ecology, Evolution, & Systematics

The *Journal of Melittology* is an international, open access journal that seeks to rapidly disseminate the results of research conducted on bees (Apoidea: Anthophila) in their broadest sense. Our mission is to promote the understanding and conservation of wild and managed bees and to facilitate communication and collaboration among researchers and the public worldwide. The *Journal* covers all aspects of bee research including but not limited to: anatomy, behavioral ecology, biodiversity, biogeography, chemical ecology, comparative morphology, conservation, cultural aspects, cytogenetics, ecology, ethnobiology, history, identification (keys), invasion ecology, management, melittopalynology, molecular ecology, neurobiology, occurrence data, paleontology, parasitism, phenology, phylogeny, physiology, pollination biology, sociobiology, systematics, and taxonomy.

The *Journal of Melittology* was established at the University of Kansas through the efforts of Michael S. Engel, Victor H. Gonzalez, Ismael A. Hinojosa-Díaz, and Charles D. Michener in 2013 and each article is published as its own number, with issues appearing online as soon as they are ready. Papers are composed using Microsoft Word® and Adobe InDesign® in Lawrence, Kansas, USA.

Editor-in-Chief

Michael S. Engel
University of Kansas

Assistant Editors

Victor H. Gonzalez
University of Kansas

Charles D. Michener
University of Kansas

Ismael A. Hinojosa-Díaz
Universidad Nacional Autónoma de México

Journal of Melittology is registered in ZooBank (www.zoobank.org), and archived at the University of Kansas and in Portico (www.portico.org).

<http://journals.ku.edu/melittology>
ISSN 2325-4467