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## On the Identity of the Afrotropical Bee Species *Colletes parafodiens* FRIESE 1925 (Hymenoptera: Colletidae)

M. KUHLMANN

**A b s t r a c t :** Type material of the hitherto unidentified *Colletes parafodiens* FRIESE 1925 was discovered in the American Museum of Natural History, New York, and a lectotype is designated. *Colletes parafodiens* FRIESE 1925 is a **syn.nov.** of *C. marleyi* COCKERELL 1919.

**K e y w o r d s :** *Colletes*, bee, lectotype, new synonymy, Afrotropis.

### Introduction

Some time ago Drs. Jerry Rozen and John Ascher of the American Museum of Natural History (AMNH), New York, inquired if I might be able to identify a number of afro-tropical *Colletes* species. Some of the bees were labelled by FRIESE as "Typus", among them the hitherto unknown *C. parafodiens* (KUHLMANN 1998). From the very short description of the female collected in "Salisbury in Südrhodesia" (FRIESE 1925) it was impossible to understand the taxonomic status of this species. Through the discovery of type material it is now possible to establish the identity of *C. parafodiens*. As a preparatory work for a revision of the afrotropical *Colletes* a lectotype is designated and a new synonymy is indicated here.

### *Colletes marleyi* COCKERELL 1919

*Colletes marleyi* COCKERELL 1919 - COCKERELL 1919: 193.

*Colletes transvalensis* FRIESE 1925 - FRIESE 1925: 527.

*Colletes parafodiens* FRIESE 1925 - FRIESE 1925: 529. **syn. nov.**

Lectotype (♀) (here designated): "S. Rhodesia, Salisbury, D. Dodds / (red label): Typus / (in Friese's handwriting): *Colletes parafodiens*, ♀, 1921 Friese det. / Am. Mus. Nat. Hist. Dept. Invert. Zool. No. 25055 / (red label): Lectotype *Colletes parafodiens* Friese ♀, M. Kuhlmann det. 2005 / *Colletes marleyi* Ckll. ♀, M. Kuhlmann det. 2005" (AMNH).

The type of *C. parafodiens* is in an excellent condition and clearly identical with *C. marleyi* COCKERELL, 1919, thus a junior synonym (**syn. nov.**) of the latter.

### Acknowledgements

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### References

- COCKERELL T.D.A. (1919): Natal bees. — *Annals of the Durban Museum* 2: 189-196.
- FRIESE H. (1925): Die Seidenbienen des tropischen Afrika. (*Colletes* LATR. Hym.). — *Zoologische Jahrbücher, Abteilung für Systematik, Geographie und Biologie der Tiere* 49: 520-529.
- KUHLMANN M. (1998): Lectotype designation and new synonymy for afrotropical and oriental bees of the genus *Colletes* LATR. (Hymenoptera, Apidae, Colletinae). — *Linzer biologische Beiträge* 30: 559-577.

Address of the author: Dr. Michael KUHLMANN  
Institut für Landschaftsökologie der Universität Münster  
Robert-Koch-Str. 26  
D-48149 Münster, Germany  
E-Mail: [kuhlmmi@uni-muenster.de](mailto:kuhlmmi@uni-muenster.de)

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Autor(en)/Author(s): Kuhlmann Michael

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