

## ADDITIONAL NOTES TO THE KNOWLEDGE OF THE MADEIRA BEETLES

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ABSTRACT: Corrections and supplements to "Contribution to the knowledge of the Madeira beetles" of 1988 are given.

RESUMO: NOTAS ADICIONAIS PARA O CONHECIMENTO DOS ESCARAVELHOS DA MADEIRA. Fazem-se correções e dão-se suplementos à "Contribuição para o conhecimento dos escaravelhos da Madeira", de 1988.

### INTRODUCTION

In our list of Madeiran beetles (ERBER & HINTERSEHER, 1988) unfortunately some specimens had been wrongly identified, so that corrections are necessary. Others had not been identified in time. These and additional material collected by different colleagues which meanwhile has come to hand will be recorded now. The *Ptinidae*, however, can not yet be included, since examining of male copulatory organs in a series of *Sphaericus* specimens showed that more species exist than had been described by WOLLASTON.

As far as possible we will use the same codification as in our paper of 1988, so that corrections in that paper will be easy.

### CORRECTIONS

p.155 and 185: *Oligota granaria* ER.

These specimens have been re-examined by S. A. WILLIAMS and were identified by him as *Oligota canariensis* WILLIAMS, 1972. This species had hitherto not been recorded from the Madeira Archipelago (see also ERBER, 1990). The discussion on p. 185 must therefore be erased.

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p.157: *Aleochara lindbergi* LIKOV.

The listed specimen from Porto Santo (PS: 5:VIII.85) has erroneously been listed under *A. lindbergi*. It belongs in reality to *Aleochara bipustulata* L., 1761.

p.163 and 195: *Scymnus rubromaculatus* GOEZE

An unfortunate misdetermination: The two listed specimens belong in reality to *Lindorus lophanthae* (BLAISDELL, 1892). (see also ERBER, 1990). The discussion on p.195 must therefore be erased.

p.163/164: *Scymnus interruptus* GOEZE

Unfortunately we overlooked that part of the specimens given under *S. interruptus* belong in reality to *S. levaillanti* MULSANT, 1850. The data now given under the latter should therefore be deleted under the former (*S. interruptus*).

*Scymnus levaillanti* MULS.:

M: 56:III.82(1), VIII.83(5); 67:IX.85(1 on a window pane, PIEPER leg.); 89:VIII.83(2); 91:IX.85(1); 95:VII.85(4).

p.171: *Apion semivittatum sagittiferum* WOLL.

The specimens from Deserta Grande belong to the subspecies *A. s. semivittatum*.

p.171: *Cathormiocerus viennoti* HOFFM.

Two of the listed specimens belong in reality to *Cathormiocerus curvipes* (WOLLASTON, 1854). Besides this we obtained some more individuals of both species, which will be added here.

Corrected and completed record:

*Cathormiocerus curvipes* (WOLL.)

M: 29:III.81(1); 30:III.82(1); 31:VII.85(1); near 82(Pico das Pedras):IV.81(1, PIEPER leg.).

*Cathormiocerus viennoti* HOFFM.

M: 30:IV.79(1, PIEPER leg.); 31:VII.85(1); 32:VIII. 83(4); 47:VII.85(1); 48:III.81(2); 49:IX.79 (8, PIEPER leg.), IV.80(7, PIEPER leg.), IX.82(3, PIEPER leg.), VII.85(8); 53:IX.79(1, PIEPER leg.); 73:IV.80 (1, PIEPER leg.); Fonte da Pedra (near Achadas da

Cruz), 1000 m., IX.79(7, PIEPER leg.).

p.172: *Laparocerus lamellipes* (WOLL.)

The listed specimens partly belong to *Laparocerus noctivagans* (WOLLASTON, 1854). Additionally we obtained more material.

Corrected and completed record:

*Laparocerus lamellipes* (WOLL.)

M: 6:IX.86(1, LANGE leg.); 42:II.73(5); 74:IX.82(1, PIEPER leg.), VIII.83(1); 74a:IX.86(1, PIEPER leg.) 83:IX.85(1, PIEPER leg.); 84:IX.85(2); 93:III.75(1, HEMMEN leg.), VII.83(1, HEMMEN leg.).

*Laparocerus noctivagans* (WOLL.)

M: 16:IX.85(1 beaten off *Vaccinium maderense*); 18:VIII. 83(3); 19:IX.85(1); 24:IX.85(1 beaten off *Vaccinium maderense*); 30:IX.85(1); 72:IX.85(18 beaten off *Laurus*).

p.176 and 203: *Hypothenemus eruditus* WESTW.

Unfortunately a complete misdetermination; corrected record:

*Hypoborus ficus* ER.

Syn.: *Bostrichus fici* DEG.

M: 67:IX.85 (14 on a window pane, PIEPER leg.).

*Coccotrypes dactyliperda* F.

M: 56:III.81 (7, hatched from seeds of a palm tree).

("56:VIII.83(3)" must be deleted; the discussion on p.203 is therefore not valid).

#### SOME INTERESTING NEW RECORDS

##### Fam.: Carabidae

*Olisthopus fuscatus* DEJ.

PS: West of Pico de Ana Ferreira, 15.IV.1980 (1, PIEPER leg.).

*Laemostenus complanatus* DEG.

PS: 3:II.78 (1, WALDÉN leg.). [MMF]

*Trechus flavomarginatus* WOLL.

M: Achada do Brincão (1), Fonte da Crica (2), east of Pico do Chiqueiro (5), all III.83 (WALDÉN leg.). [MMF]

*Amara superans* WOLL.

M: 48:IX.79 (5, PIEPER leg.).

*Bembidion tethys* NET.

M: 30:IV.81 (1, PIEPER leg.); 90:IX.79 (2, PIEPER leg.); Fonte da Pedra (near Achadas da Cruz):IX.79 (1, PIEPER leg.).

*Calathus fimbriatus* WOLL.

PS: 5:IV.80 (1, PIEPER leg.): Pico de Ana Ferreira: I.78 (2, WALDÉN leg.). [MMF]

*Harpalus distinguendus* DFT.

M: near 82 (Pico das Pedras): IV.80 (6, PIEPER leg.).

*Microlestes luctuosus* HOLDH.

PS: VI.83 (1, GROH leg.).

D: 3:VII.85 (1, GERBER, GROH, HEMMEN leg.).

*Notiophilus quadripunctatus* DEJ.

M: near 82 (Pico das Pedras): IV.80 (1, PIEPER leg.).

Fam.: **H y d r o p h i l i d a e***Cercyon terminatus* (MARSH.)

M: 32:III.81 (1, HOFMANN det.); 65:IV.78 (2, PALM leg.); 67:IX.86 (4, PIEPER leg., HOFMANN det.). [MMF]

Fam.: **S c y d m a e n i d a e***Stenichnus helferi* SCHAUM.

M: 56:I.73 (1 under a stone; ISRAELSON vid.).

Fam.: **S t a p h y l i n i d a e***Geostiba formicarum* (WOLL.)

M: 37 (Pousada dos Vinháticos): II.78 (2, WALDÉN leg.); 65:IV.78 (1, PALM leg.); Estreito de Câmara de Lobos: I.78 (1, WALDÉN leg.). [MMF]

Fam.: **Byrrhidae**

*Syncalypta ovuliformis* (WOLL.)

M: 48:IX.79 (2, PIEPER leg.).

Fam.: **Colydiidae**

*Tarphius incornutus* WOLL.

M: 74a:IX.79 (2, PIEPER leg.).

*Tarphius nodosus* WOLL.

M: 71:IX.85 (2 under bark of *Pinus*).

Fam.: **Coccinellidae**

*Harmonia quadripunctata* PONT.

M: 82:VI.85 (2, MAUL leg.). [MMF]

Fam.: **Oedemeridae**

*Nacerda melanura* (L.)

M: 56:V.73 (1, MAUL leg.). [MMF]

Fam.: **Tenebrionidae**

*Blaps gigas* L.

PS: 12:X.79 (1, PIEPER leg.).

*Gnathocerus cornutus* (F.)

M: 56:VII.53 (1, MAUL leg.) [MMF 2308]

Fam.: **Curculionidae**

*Rhytidoderes plicatus* (OL.)

M: Prainha: IX.79 (1, PIEPER leg.).

*Sitona intermedius* KÜST.

M: 67: IV.81 (1, PIEPER leg.).

*Strophosomus melanogrammus* FORST.

M: 74: IX.82 (1, PIEPER leg.).

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