

New records of Tiger Beetles from Burkina Faso (Coleoptera: Cicindelidae)

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Abstract: Four species of tiger beetles [*Lophyra* (*Lophyra*) *neglecta neglecta* (Dejean, 1825), *Myriochila* (*Monelica*) *dorsata* (Brullé, 1834), *M.* (*Monelica*) *dumolinii* (Dejean, 1831) and *M.* (*Myriochila*) *melancholica melancholica* (Fabricius, 1798)] are recorded for the first time from Burkina Faso, thus increasing the number of the cicindelid species known from this African country up to fourteen. A list of these species is given.

Zusammenfassung: Vier Sandlaufkäferarten [*Lophyra* (*Lophyra*) *neglecta neglecta* (Dejean, 1825), *Myriochila* (*Monelica*) *dorsata* (Brullé, 1834), *M.* (*Monelica*) *dumolinii* (Dejean, 1831) and *M.* (*Myriochila*) *melancholica melancholica* (Fabricius, 1798)] werden erstmals aus Burkina Faso gemeldet. Damit steigt die aus diesem afrikanischen Land bekannten Cicindelidae-Arten auf 14 an. Alle gemeldeten Arten werden aufgelistet.

Key words: Coleoptera, Cicindelidae, Burkina Faso, new records

Introduction

The tiger beetle fauna of Burkina Faso (formerly Upper Volta) is still poorly known. BASILEWSKY (1966) recorded from this area three species of *Megacephala* W. Horn, 1910, among which he described a new taxon - *Megacephala quadrisignata rivalieri*. A few years later *Myriochila* (*Myriochila*) *cassolai* was described from this country as a new species by RIVALIER (1973), but it was later synonymized with *M.* (*M.*) *pluri-*

¹ (Studies of Tiger Beetles, CLXI)

notata (Audouin & Brullé, 1839) by CASSOLA (1980). WIESNER's catalogue (1992) recorded seven species only from Burkina Faso ("Ober Volta"), but three more ones were added subsequently by FAHR (1998), WERNER & OESTERLE (2000), and WERNER (2000a). CASSOLA & PEARSON (2000), based on unpublished information too, indicated the occurrence of 12 species in this African country. However, our present data indicate that fourteen species at least occur in Burkina Faso. In fact, in addition to those listed by WIESNER (1992) and WERNER (2000a, b), we are able to give here below a few data about four widespread African species. The specimens examined are in first author's (FCC), the second author's (RJC) or in SKIBIŃSKI's (DSC) collections.

Lophya (Lophya) neglecta neglecta (Dejean, 1825)

Material examined: no locality given, III.2004, native collector leg., 1 ♂ (RJC).

Myriochila (Monelica) dorsata (Brullé, 1834)

Material examined: Gondologo nr Ouahigouya, 1970, Dr. PROST leg., 1 ♂ (FCC).

Myriochila (Monelica) dumolinii (Dejean, 1831)

Material examined: Fada-N'Gourma, 22.VII.1971, Dr. PROST leg., 1 ♀ (FCC); Pabre nr Ouagadougou, VIII.1974, R. P. FERNANDEZ leg., 3 ♂♂ 2 ♀♀ (FCC); Ouagadougou, VI.1985, G. SABATINELLI leg., 1 ♀ (FCC); Nanoro (Boulkiemaé), 310 m, VII.1996, D. GIANASSO leg., 1 ♂ (FCC); Kouritenga prov., Diabo, 12°1'N 0°1'W, 19.–29.VII.1997, 1 ♀, D. SKIBIŃSKI leg. (DSC).

Myriochila (Myriochila) melancholica melancholica (Fabricius, 1798)

Material examined: Ouagadougou, 6.X.86, G. SABATINELLI leg., 1 ♂ (FCC); barrage de Loumbila nr Ouagadougou, 1.XI.77, Dr. PROST leg., 1 ♂ 1 ♀ (FCC); *ibid.*, 23.IX.78, Dr. PROST leg., 1 ♂ 1 ♀ (FCC).

Conclusions

Our present knowledge indicates only fourteen widespread tiger beetle species as occurring in Burkina Faso (Table I), none of which is endemic to this area (WIESNER 1992, CASSOLA & PEARSON 2000, WERNER & OESTERLE 2000; WERNER 2000a, b). However, several more

species, which are more or less widely distributed in West Africa and the Sahelian countries – such as *Prothymidia vuilletorum* (W. Horn, 1914), *Elliptica deyrollei* (Guérin-M., 1849), *E. lugubris* (Dejean, 1825), *Ropaloteres cinctus* (Olivier, 1790), *Hipparidium interruptum* (Fabricius, 1775), and others – will likely be found to occur in Burkina Faso too in the future.

Table I. List of the species of Cicindelidae presently known from Burkina Faso.

No.	Species	Reference
1.	<i>Megacephala (Megacephala) quadrisignata</i> (Dejean) ssp. <i>rivalieri</i> Basilewsky, 1966	BASILEWSKY 1966, WIESNER 1992
2.	<i>Megacephala (Megacephala) denticollis</i> (Chaudoir) ssp. <i>schultzeorum</i> W. Horn, 1904	BASILEWSKY 1966, WIESNER 1992
3.	<i>Megacephala (Megacephala) megacephala</i> (Olivier, 1790)	BASILEWSKY 1966, WIESNER 1992
4.	<i>Prothyma (Prothyma) concinna</i> (Dejean) ssp. <i>flammea</i> Rivalier, 1964	WERNER 2000a
5.	<i>Prothyma (Prothyma) leprieurii</i> <i>leprieurii</i> (Dejean, 1831)	WERNER 2000a
6.	<i>Euryarthron planatoflavum</i> (W. Horn, 1922)	FAHR 1998, WERNER 2000a
7.	<i>Ropaloteres feisthamelii</i> (Guérin-Méneville, 1849)	WIESNER 1992
8.	<i>Lophyra (Lophyra) neglecta neglecta</i> (Dejean, 1825)	CASSOLA & JASKULA, this paper
9.	<i>Myriochila (Monelica) flavidens flavidens</i> (Guérin-Méneville, 1849)	WIESNER 1992
10.	<i>Myriochila (Monelica) dorsata</i> (Brullé, 1834)	CASSOLA & JASKULA, this paper
11.	<i>Myriochila (Monelica) dumolinii</i> (Dejean, 1831)	CASSOLA & JASKULA, this paper
12.	<i>Myriochila (Monelica) vicina vicina</i> (Dejean, 1831)	WIESNER 1992
13.	<i>Myriochila (Myriochila) plurinotata</i> (Audoin et Brullé, 1839)	RIVALIER 1973, CASSOLA 1980, WIESNER 1992
14.	<i>Myriochila (Myriochila) melancholica melancholica</i> (Fabricius, 1798)	CASSOLA & JASKULA, this paper

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