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New Faunistic Records of Dermestidae. Part 9 - Genus *Cryptorhopalum* GUÉRIN-MÉNEVILLE, 1838 (Insecta: Coleoptera)

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ABSTRACT. The following species are newly for the first time recorded in the following countries: *Cryptorhopalum divisum* SHARP, 1902 (Costa Rica); *Cryptorhopalum equisoleae* SHARP, 1902 (Trinidad); *Cryptorhopalum eximium* ARROW, 1915 (French Guyana, Peru); *Cryptorhopalum felis* ARROW, 1915 (Paraguay, Argentina); *Cryptorhopalum flammulatum* SHARP, 1902 (Guatemala); *Cryptorhopalum germanum* SHARP, 1902 (Guatemala); *Cryptorhopalum globuloide* SHARP, 1902 (Costa Rica); *Cryptorhopalum imperiale* REITTER, 1881 (Brazil, Peru); *Cryptorhopalum misellum* SHARP, 1902 (Guatemala); *Cryptorhopalum nevermanni* PIC, 1936 (Panama); *Cryptorhopalum orbiculosum* REITTER, 1881 (St. Lucia); *Cryptorhopalum quadripunctatum* GUÉRIN-MÉNEVILLE, 1838 (Panama); *Cryptorhopalum scutellare* ARROW, 1915 (St. Lucia); *Cryptorhopalum sexpunctatum* REITTER, 1881 (Ecuador); *Cryptorhopalum sexsignatum* REITTER, 1881 (French Guyana).

Key words: entomology, faunistics, new records, Coleoptera, Dermestidae, Megatominae, *Cryptorhopalum*, Neotropical Region.

INTRODUCTION

The genus *Cryptorhopalum* comprises 149 species. Most of them are distributed in the Neotropical and Nearctic ecozones (MROCKOWSKI 1968), BEAL 1985, HÁVA 2003). In this paper the authors present new faunistic records of 15 species belonging to the genus *Cryptorhopalum* GUÉRIN-MÉNEVILLE, 1838. The article follows eight precedent faunistic articles (HÁVA, HERMANN & KADEJ 2013).

MATERIAL AND METHODS

Species are mentioned in alphabetical order, the nomenclature and zoogeography follow HÁVA (2003,2007a). The following abbreviations refer to the collections, in which the examined material is deposited:

AHEC	Private collection of Andreas HERRMANN, Stade, Germany;
BMNH	British Natural History Museum, London, United Kingdom;
CNCI	Canadian National Insect Collection, Ottawa, Canada;
JHAC	Jiří HÁVA, Private Entomological Laboratory & Collection, Únětice u Prahy, Prague-west, Czech Republic;
MZLU	Museum of Zoology, Lund University, Lund, Sweden;
NHRS	Naturhistoriska Riksmuseet Stockholm, Sweden.

FAUNISTICS

**Subfamily Megatominæ
Tribe Megatomini**

Genus *Cryptorhopalum* GUÉRIN-MÉNEVILLE, 1838

1. *Cryptorhopalum divisum* SHARP, 1902

MATERIAL EXAMINED

Costa Rica, Heredia Pr., La Selva, nr.Pto. Viejo, 50 m, 19.Feb.1980, 1 female, J. Háva det., (JHAC).

DISTRIBUTION

Species known from Nicaragua and Panama (HÁVA 2003), new for Costa Rica.

2. *Cryptorhopalum equisoleae* SHARP, 1902

MATERIAL EXAMINED

Trinidad W. I., Arima-Blanchiseuse Road 5 milestone / on flowers of *Mikania vitifolia*, 28.viii.1978 / collector M. J. W. Cock / *Cryptorhopalum* sp. near *equisoleae* Sharp, det. R. B. Madge 1980, 3 spec., J. Háva det., (2 BMNH, 1 JHAC).

DISTRIBUTION

Species known from Belize, Guatemala and Mexico (HÁVA 2007b), new for Trinidad.

3. *Cryptorhopalum eximium* ARROW, 1915

MATERIAL EXAMINED

Peru: Loreto, Puerto Almendra, Arboretum, 6.12.2005, leg. R. Westerduijn, 1 male, J. Háva det., (AHEC); Fr. Guyane: Commune de Roura Montagne des Chevaux, 4°43'

N, 52°24' W, Flight interception trap, 5.6.2011, leg. S.E.A.G., 1 female, A. Herrmann det., (AHEC).

DISTRIBUTION

Species known from Brazil and Peru (HÁVA 2003), new locality data for Peru and new for French Guyana.

4. *Cryptorhopalum felis* ARROW, 1915

MATERIAL EXAMINED

„Paraguay, coll. H. Jacob, 2.9.34“, 2 spec., J. Háva det., (JHAC); Paraguay, Dep. Caaguazu, Tayao, 5.-7.iii.98 leg. Drechsel, 1 female, (AHEC); Argentina, Prov. Misiones Iguazu, sweep-netted, 21.x.1982, R. Foerster leg., 1 spec., J. Háva det., (JHAC).

DISTRIBUTION

Species known only from Brazil (HÁVA 2003), new for Argentina and Paraguay.

5. *Cryptorhopalum flammulatum* SHARP, 1902

MATERIAL EXAMINED

Guatemala, Zacapa, 2 km N Santa Cruz, Bank Rio Pasabien, 18.xi.1986, M. Sharkey leg., 4 spe., J. H8va det., (CNCI).

DISTRIBUTION

Species known from Guatemala and Nicaragua (HÁVA 2007b), new locality data for Guatemala.

6. *Cryptorhopalum germanum* SHARP, 1902

MATERIAL EXAMINED

Guatemala, Guat. City, near Univ. Del Valle de Guat., 1550 m, 1.xi.1991, R. Baranowski leg. / sweeping at small road mixed oak forest, 5 spec., (4 MZLU, 1 JHAC); Guatemala, 5 km E Antigua Guatemala, 1780 m, 4.xi.1991, R. Baranowski leg. / sweeping tropical montane forest, 9 spec., (7 MZLU, 2 JHAC); dtto but 7.xii.1991, 3 spec., (MZLU); Guatemala, 3 km E Antigua Guatemala, 1600 m, 7.xi.1991 R. Baranowski leg. / sweeping at road tropical montane forest, 1 spec., (MZLU); Guatemala, Solola, Panajachel, 1580 m, 12.xi.1991, R. Baranowski leg. / sweeping tropical montane forest, 1 spec., (MZLU); Guatemala, Solola, 2 km N Panajachel, 1700 m, 15.xi.1991, R. Baranowski leg. / beating the vegetation tropical montane forest, 6 spec., (4 MZLU, 2 JHAC). All specimens determined by J. Háva.

DISTRIBUTION

Species known from Guatemala, Mexico: Guanajuato, Guerrero, Morelos, Oaxaca (HÁVA 2007, 2009), new locality data for Guatemala.

7. *Cryptorhopalum globuloide* SHARP, 1902

MATERIAL EXAMINED

Costa Rica, La Selva, 40 m, 17-23.v.1988, B.V. Brown, primary rainforest malaise, 5 spec., J. Háva det., (4 CNCI, 1 JHAC).

DISTRIBUTION

Species known only from Nicaragua (HÁVA 2007b), new for Costa Rica.

8. *Cryptorhopalum imperiale* REITTER, 1881

MATERIAL EXAMINED

Peru: Madre de Dios, Pantiacolla Lodge, 500 m, Lowland tropical rain forest, 2.xi.2004, leg. Westerduijn, 1 male, A. Herrmann det., (AHEC); Peru: Prov. Huanuco Stat. Panguana am Rio Lullapichis, 260 m, 9°37'S / 74°56'W, Malaisefalle, Okt. 2010, leg. E. Diller, 1 female, A. Herrmann det., (AHEC); Peru, Huanuco, Tingo Maria, 27.i.1984, L. Huggert leg., 1 spec., J. Háva det., (MZLU); Brasil, S:ta Catharina, Nova Teutonia, 11.1938, Fr. Plaumann, 4 spec., J. Háva det., (3 NHRS, 1 JHAC).

DISTRIBUTION

Species known only from Brazil (HÁVA 2003), new locality data for Brazil and new for Peru.

9. *Cryptorhopalum misellum* SHARP, 1902

MATERIAL EXAMINED

Guatemala, Dpto. Sacatepequez, San Lucas, 30.vi.1986, J. M. Campbell lgt., / beating mixed vegetation in pine-oak forest, 16 spec., J. Háva det., (14 CNCI, 2 JHAC).

DISTRIBUTION

Species known only from Guatemala (HÁVA 2003), new locality data for Guatemala.

10. *Cryptorhopalum nevermanni* PIC, 1936

MATERIAL EXAMINED

Panama, Panama Pr., SE edge of Chagres N.P. Cerro Jefe, 700-900 m, , 79°21'W 09°15'N, vii.2002, D. Hauck lgt., 16 spec., J. Háva det., (JHAC); Panama, Colon Pr., Sherman Forest Reserve, 130 m, 79°58'W 09°17'N, 6.vi.-10.7.2002, D. Hauck lgt., 16 spec., J. Háva det., (JHAC).

REMARKS

The species *C. nevermanni* looks very similar to *C. equisoleae* SHARP, 1902, but differs in the following characters characteristics:

C. nevermanni: smaller and more tapered to the rear; head, pronotum and elytra finely punctate; antennal club black; pronotal apex near scutellum flat.

C. equisoleae: more robust and oval; head, pronotum and elytra coarsely punctate; antennal club dark brown; at pronotal apex near scutellum the sides are slightly raised so in dorsal view it seems to form a small bar.

DISTRIBUTION

Species known only from Costa Rica (HÁVA 2003), new for Panama.

11. *Cryptorhopalum orbiculosum* REITTER, 1881

MATERIAL EXAMINED

„St. Lucia, v.19.[19]22“, 1 spec., J. Háva det., (JHAC).

DISTRIBUTION

Species known from Colombia, French Guyana, Panama, Peru and Venezuela (HÁVA 2007), new for St. Lucia.

12. *Cryptorhopalum quadripunctatum* GUÉRIN-MÉNEVILLE, 1838

MATERIAL EXAMINED

Panama, Colon Pr., Sherman Forest Reserve, 130 m, 79°58'W 09°17'N, 6.vi.-10.7.2002, D. Hauck lgt., 6 spec., J. Háva det., (JHAC).

DISTRIBUTION

Species known from Belize, Brazil, French Guyana, Guatemala, Honduras, Peru, Suriname, Trinidad and Venezuela (HÁVA 2013), new for Panama.

13. *Cryptorhopalum scutellare* ARROW, 1915

MATERIAL EXAMINED

„St. Lucia, v.19.[19]22“, 1 spec., J. Háva det., (JHAC).

DISTRIBUTION

Species known from Grenadines Is.: Mustique I. (HÁVA 2003), new for St. Lucia.

14. *Cryptorhopalum sexpunctatum* REITTER, 1881

MATERIAL EXAMINED

Ecuador, Baeza, 13.iii.1996, Strnad lgt., 1 spec., J. Háva det., (JHAC).

DISTRIBUTION

Species known only from Brazil (HÁVA 2003), new for Ecuador.

15. *Cryptorhopalum sexsignatum* REITTER, 1881

MATERIAL EXAMINED

Fr. Guyane: Saül Point de vue du Belvédère, 3°37'22" N, 53°12'34" W, Flight interception trap, 10.12.2010, leg. S.E.A.G., 3 spec., (AHEC); Fr. Guyane: Saül Point

de vue du Belvédère, 3°37'22" N, 53°12'34" W, Flight interception trap, 24.1.2011, leg. S.E.A.G., 1 spec., (AHEC); Fr. Guyane: Saül Point de vue du Belvédère, 3°37'22" N, 53°12'34" W, Flight interception trap, 5.11.2010, leg. S.E.A.G., 1 spec., (AHEC); Fr. Guyane: Saül Point de vue du Belvédère, 3°37'22" N, 53°12'34" W, Flight interception trap, 14.2.2011, leg. S.E.A.G., 3 spec., (AHEC); Fr. Guyane: Saül Point de vue du Belvédère, 3°37'22" N, 53°12'34" W, Flight interception trap, 7.2.2011, leg. S.E.A.G., 4 spec., (3 AHEC, 1 JHAC); Fr. Guyane: Saül Point de vue du Belvédère, 3°37'22" N, 53°12'34" W, Flight interception trap, 7.3.2011, leg. S.E.A.G., 1 spec., (AHEC); Fr. Guyane: Saül Point de vue du Belvédère, 3°37'22" N, 53°12'34" W, Flight interception trap, 31.1.2011, leg. S.E.A.G., 1 spec., (AHEC); Fr. Guyane: Saül Point de vue du Belvédère, 3°37'22" N, 53°12'34" W, Flight interception trap, 30.9.2010, leg. S.E.A.G., 1 spec., (AHEC). All specimens determined by A. Herrmann.

DISTRIBUTION

Species known only from Brazil (HÁVA 2003), new for French Guyana.

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