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List of Coleoptera Holotypes in Museo de Historia Natural,
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Abstract. The 144 Coleoptera holotypes in the Museo de Historia Natural, Noel Kempff Mercado, Santa Cruz, Bolivia are listed alphabetically within their respective family. Full literature citations for the original descriptions of listed holotypes are included in the Literature Cited section.

Keywords. Coleoptera, holotype, Carabidae, Cerambycidae, Dytiscidae, Laemophloeidae, Nitidulidae, Noteridae, Scarabaeidae, Museo Noel Kempff Mercado, Bolivia.

Resumen. Los 144 holotipos de Coleoptera depositados en el Museo de Historia Natural, Noel Kempff Mercado, Santa Cruz, Bolivia se presentan en orden alfabético dentro de sus familias respectivas de Coleoptera. Citas de literatura completas para trabajos incluidos están representadas en la sección de referencias.

Plabras claves. Coleoptera, holotipo, Carabidae, Cerambycidae, Dytiscidae, Laemophloeidae, Nitidulidae, Noteridae, Scarabaeidae, Museo Noel Kempff Mercado, Bolivia

Introduction

The Museo de Historia Natural, Noel Kempff Mercado (MNKM) in Santa Cruz, Bolivia (Fig. 1) currently contains 144 Coleoptera holotypes of which 123 are in the family Cerambycidae with the remainder scattered among six other Coleoptera families. Holotypes are housed in a locked vault, separate from the general insect collection, and located in a secure, climate controlled room. Most MNKM holotypes are the result of field collections and taxonomic research conducted by cooperating foreign or Bolivian scientists during the last 15 years under programs permitted by the Department of Entomology at the Universidad Autonoma “Gabriel Rene Moreno.” Such programs continue today and are expected to result in numerous new species described in the future with the holotypes then deposited at the MNKM.

Materials and Methods

Pictures of many of the holotypes can be viewed at <http://www.cerambycids.com/Bolivia/mnkm/> (Ledezma Arias et al. 2009). Type list of Burke and Murray (1974) and Chemsak (1977) were consulted for style. Monné and Bezark (2009) was used as a quick reference to double check spelling and the exact wording of cited literature titles.

List of types in the Museo de Historia Natural, Noel Kempff

For convenience, the following list is arranged alphabetically within each Coleoptera family represented in the holotype collection.

Carabidae

Ginema thomasi Ball and Shpeley, 2002: 75-98. Note: Although deposited in the MNKM in 2003 we have been unable to locate the specimen.

Megacephala chacoensis Sawada and Wiesner, 1997: 127-132.

Cerambycidae

- Acanthoderes onca* Galileo and Martins, 2006a: 26.
Adetus cacapira Martins and Galileo, 2005b: 25.
Adetus cecamirim Martins and Galileo, 2005b: 26.
Alexera secunda Martins and Galileo, 2007c: 133.
Aerenicopsis angaibara Martins and Galileo, 2004b: 396.
Antodice micromacula Galileo and Martins, 2008b: 7.
Antodice opena Martins and Galileo, 2004b: 395.
Antodilanea auana Martins and Galileo, 2004b: 395.
Apyratuca apiculata Galileo and Martins, 2006b: 16.
Ateralphus lacteus Galileo and Martins, 2006a: 28.
Ancylodonta apipema Martins and Galileo, 2006a: 175.
Aruama viridis Martins and Napp, 2007: 191.
Beraba pallida Galileo and Martins, 2008c: 50.
Bomarion amborense Galileo and Martins, 2008c: 50.
Brechmoidion seperatum Martins and Galileo in Martins, 2007: 188.
Bactriola achira Galileo and Martins, 2008d: 34.
Bactriola antennata Galileo and Martins, 2008d: 35.
Cacostola apyraiuba Martins and Galileo, 2008c: 30.
Canarana roseicollis Galileo and Martins, 2004a: 382.
Coleoxestia julietae Galileo and Martins, 2006d: 706.
Colombicallia albofasciata Martins and Galileo, 2006b: 212.
Cotycicuiara boliviana Galileo and Martins, 2008a: 5.
Cotycicuiara latifascia Galileo and Martins, 2008a: 8.
Cotynessa abatinga Martins and Galileo, 2006a: 175.
Curuapira apyama Martins and Galileo, 2005a: 244.
Cyridolon apicale Martins and Galileo in Martins, 2007: 233.
Desmiphora barbata Martins and Galileo, 2005a: 247.
Desmiphora compta Martins and Galileo, 2005a: 247.
Desmiphora dozieri Galileo and Martins, 2007d: 353.
Dilocerus brunneus Napp and Martins, 2006a: 247.
Dufauxia thomasi Martins and Galileo, 2007b: 160.
Eburodacrys apua Martins and Galileo, 2005c: 769.
Eburodacrys putia Galileo and Martins, 2006c: 183.
Eburodacrys xirica Martins and Galileo, 2005c: 769.
Ecoporanga achira Napp and Martins, 2006a: 246.
Ectenessa zamalloae Galileo and Martins, 2008c: 49.
Engyum fasciatum Martins, 2009: 51.
Epropetes bolivianus Galileo and Martins, 2008c: 53.
Eranina piterpe Galileo and Martins, 2007e: 70.
Erythropterus boliviensis Clarke, 2007a: 155.
Erythropterus kochi Clarke, 2007a: 156.



Figure 1. Entrance to the Museo de Historia Natural, Noel Kempff Mercado, Universidad Autonoma “Gabriel Rene Moreno,” Santa Cruz de la Sierra, Bolivia.

- Estola timbauba* Martins and Galileo, 2006c: 461.
Gagarinia melasma Galileo and Martins, 2004a: 383.
Glyphaga nearnsi Martins and Galileo, 2008c: 30.
Gnomidolon bellulus Martins, 2006: 128.
Gnomidolon friedi Clarke, 2007c: 258.
Gnomidolon gemuseusi Clarke, 2007c: 261.
Gnomidolon parallelum Clarke, 2007c: 257.
Gnomidolon wappesi Martins, 2006: 178.
Goatacara boliviana Napp and Martins, 2006b: 34.
Gorybia quadrispinosa Galileo and Martins, 2008c: 51.
Graminea rubra Martins and Galileo, 2006b: 216.
Hemiloapis yandaira Galileo and Martins, 2004b: 252.
Hemiloapis ybyra Galileo and Martins, 2004a: 387.
Hesperandra thomasi Santos-Silva, 2002: 955.
Hesychotypa aotinga Martins and Galileo, 2008c: 28.
Hesychotypa magnifica Martins and Galileo, 2007c: 128.
Heterachthes annulicornis Martins, 2009: 189.
Heterachthes exiguus Martins, 2009: 193.
Heterachthes gutta Martins, 2009: 193.
Hysioma cariuva Galileo and Martins, 2007e: 68.

- Inermestoloides rumuara* Martins and Galileo, 2006c: 462.
Iquiracetima rana Galileo and Martins, 2008b: 5.
Ischnolea bicolorata Galileo and Martins, 2007d: 351.
Kalore asanga Martins and Galileo, 2006a: 174.
Marauna punctatissima Martins and Galileo, 2006a: 176.
Mariliana cicadellida Galileo and Martins, 2004b: 248.
Marupiara castanea Martins and Galileo, 2006a: 174.
Mecometopus miri Galileo and Martins, 2007b: 347.
Megacera acuminata Galileo and Martins, 2006a: 22.
Mimasyngenes lepidotus Clarke, 2007b: 360.
Mimasyngenes multisetosus Clarke, 2007b: 362.
Minibidion tricolor Martins and Galileo *in* Martins, 2007: 23.
Minibidion unifasciatum Martins and Galileo *in* Martins, 2007: 24.
Neoregostoma giesberti Clarke, 2007a: 154.
Nesozineus clarkei Galileo and Martins, 2007c: 632.
Nesozineus puru Galileo and Martins, 2007c: 632.
Nesozineus simile Galileo and Martins 2006a: 28.
Nothopleurus santacruzensis Hovore and Santos-Silva, 2004: 51.
Nyssicostylus paraba Martins, 2005: 87.
Oncideres amo Galileo and Martins, 2008b: 3.
Oncideres wappesi Martins and Galileo, 2005d: 460.
Oxycoleus cyaneus Martins and Galileo, 2005c: 770.
Oxycoleus flavipes Martins and Galileo, 2006a: 178.
Oxyloplebus brachypterus Clarke, 2008: 66.
Panegyrtes apicale Martins and Galileo, 2005a: 246.
Pantomallus rugosus Martins and Galileo, 2005c: 767.
Paramartinsia quadrimaculata Martins and Galileo, 2005c: 765.
Perissomerus rubrus Martins and Galileo *in* Martins, 2007: 80.
Phoebe alba Martins and Galileo, 2004a: 536.
Physopleurus exiguus Santos-Silva and Martins, 2003: 248.
Pirantininga mocoia Galileo and Martins, 2007e: 68.
Protosphaerion pictum Martins, 2005: 325.
Protosphaerion punctatum Martins, 2005: 324.
Pubescibidion pubescens Martins, 2009: 68.
Purusia wappesi Martins and Galileo, 2004a: 539.
Pyrianoreina hovorei Martins and Galileo, 2008a: 70.
Rhaphiptera boliviana Galileo and Martins, 2007a: 205.
Rhysium spilotum Martins and Galileo *in* Martins, 2007: 197.
Rosalba incrustabilis Galileo and Martins, 2006b: 18.
Rosalba formosa Martins and Galileo, 2008b: 276.
Sepaicutea costata Martins and Galileo, 2005c: 765.
Spinoplön tutoia Martins, 2006: 190.
Stizocera delicata Lingafelter, 2004: 2.
Stizocera ichilo Lingafelter, 2004: 6.
Suipinima marginalis Martins and Galileo, 2004b: 399.
Suipinima pitanga Martins and Galileo, 2004b: 398.
Suipinima una Martins and Galileo, 2004b: 399.
Tessaropa boliviana Martins and Galileo, 2006a: 174.
Tethystola cincta Martins and Galileo, 2008b: 279.
Tetraibidion concolor Martins, 2006: 210.
Thyrsia piranga Galileo and Martins 2006d: 707.
Tibiosomus maculosa Martins and Galileo, 2007c: 132.
Trachysomus apipunga Martins and Galileo, 2008c: 27.
Trestoncideres albiventris Martins and Galileo, 2005d: 459.

Trestonia morrisoni Martins and Galileo, 2005d: 460.
Trichohippopsis exilis Galileo and Martins, 2006a: 22.
Tropidion ecoporaba Martins and Galileo in Martins, 2007: 140.
Tropidion tynauna Martins and Galileo in Martins, 2007: 128.
Xenofrea camixaima Galileo and Martins, 2005: 385.
Xenofrea clarkei Galileo and Martins, 2005: 385.
Xenofrea nana Galileo and Martins, 2005: 387.
Xenofrea punctata Galileo and Martins, 2005: 387.
Zikanita egregia Martins and Galileo, 2007b: 160.

Dytiscidae

Desmopachria amya Miller, 2001b: 220.
Desmopachria aphronoscelus Miller, 1999: 352.
Desmopachria bolivari Miller, 1999: 353.
Desmopachria chei Miller, 1999: 351.
Desmopachria draco Miller, 1999: 355.
Desmopachria psarammo Miller, 1999: 355.
Desmopachria rhea Miller, 1999: 357.
Desmopachria signatoides Miller, 2001b: 225.
Desmopachria taniae Miller, 1999: 358.
Desmopachria volatidisca Miller, 2001b: 226.
Desmopachria youngi Miller, 1999: 351.
Hemibidessus spiroductus Miller, 2000: 257.

Laemophloeidae

Cryptolestes robinclarkei Thomas, 2002: 251.

Nitidulidae

Amborotubus clarkei Leschen and Carlton, 2004: 448.
Pocadius wappesi Cline, 2008: 106.

Noteridae

Hydrocanthus paludimonstrus Miller, 2001a: 364.

Scarabaeidae

Athyreus langeri Howden, 1999: 342.
Dichotomius comarapensis Genier, 2000: 26.
Euparixia boliviana Gordon and McCleve, 2003: 693-696.

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