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Additions to the known Vesperidae and Cerambycidae
(Coleoptera) of Bolivia

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Abstract. Seventy-nine Cerambycidae and two Vesperidae species not previously recorded from Bolivia are listed along with the department where they were collected, and are thus added to the known fauna. An additional 22 species from existing publications, but whose Bolivian distribution is not recorded in the 2013 version of Bezark and Monné (2013), are listed separately to assist inclusion in this important reference. These records, along with the 60 new species described (through February, 2013) since Wappes et al. (2011), brings the total number of Cerambycidae and, closely related families Disteniidae, Oxypeltidae and Vesperidae, to 1,717 species known from Bolivia. New departmental records for another 254 species are listed. Color illustrations for 80 of the 81 species newly recorded from Bolivia are provided. Among the new records for Bolivia is *Lathroeus oreoderoides* Thomson, 1864 previously known only from South America without exact locality, hence this is its first recorded distribution. A male of *Myzomorphus* Dejean, 1835 collected at the same time and locality as a female *Myzomorphus amabilis* (Tippmann, 1960) is likely the previously unknown male of the species. Both sexes are illustrated.

Keywords. Coleoptera, distribution, endemic species, faunal survey, new country records, Bolivia Cerambycidae project (BCP).

Resumen. Setenta y nueve especies de Cerambycidae y dos especies de Vesperidae no registradas previamente de Bolivia se enumeran junto con el departamento en el que se capturaron, y así se agregan a la fauna conocida. Adicionalmente, 22 especies tomadas de las publicaciones existentes, pero cuya distribución en Bolivia no se registra en la versión 2013 de Bezark y Monné (2013), se enumeran por separado para ayudar a su inclusión en esta importante referencia. Estos registros, junto con las 60 nuevas especies descritas (hasta febrero de 2013), desde Wappes et al. (2011), hacen que el número total de Cerambycidae y familias relacionadas Disteniidae, Oxypeltidae y Vesperidae, suba a 1,717 especies ya conocidas de Bolivia. Nuevos registros de departamento de otras 254 especies están incluidas y se proveen fotos a color para 80 de las 81 especies que se agregan. Uno de los nuevos registros para Bolivia es *Lathroeus oreoderoides* Thomson, 1864. Este es el primer registro para el país y localidad de la especie. Un macho de *Myzomorphus* Dejean, 1835 capturado al mismo tiempo y en la misma localidad como que una hembra de *Myzomorphus*

amabilis (Tippmann, 1960) es probablemente el macho previamente desconocido de la especie. Ambos sexos se ilustran.

Palabras claves. Coleoptera, distribución, especies endémicas, listado de fauna, nuevos registros de país, proyecto Cerambycidae de Bolivia (BCP).

Introduction

Collecting by participants in the Bolivian Cerambycidae Project (details on the project can be found in Wappes et al. 2011), continues to result in numerous new country and departmental records for cerambycid species, and the closely related families Disteniidae, Oxypeltidae and Vesperidae. Until recently most of the Bolivian Cerambycidae Project (BCP) survey effort has been in Santa Cruz Department. Although new records are still being found there, particularly in the southern “Chaco” area, much of the field survey effort has been expanded to include other departments. Several survey trips to the Villamontes area of Tarija, to Villa Tunari and higher elevations in Cochabamba, and most recently to the border area of Beni and Pando near Riberalta, have led to dozens of new records for Bolivia. Project participants will continue to expand the survey into new areas, while also revisiting prime habitats during different times of the year, in anticipation of finding additional species new to Bolivia or the department.

Materials and Methods

We follow Svacha et al. (1997) who divided the Cerambycidae into four families (Cerambycidae plus Disteniidae, Oxypeltidae and Vesperidae). We also follow Svacha et al. (1997) in using the term “cerambyciform lineage” to collectively represent them. In the species lists the departments where the species was collected, or has been recorded in the literature, are abbreviated as follows: BN = Beni; CO = Cochabamba; CQ = Chuquisaca; LP = La Paz; OR = Oruro; PN = Pando; PT = Potosi; SC = Santa Cruz and TR = Tarija. In a few cases only Bolivia is recorded and is abbreviated as BO. New country records in the species listing of “New country and departmental records” have the species name and departmental abbreviation in bold print. All other listed species are new departmental records. Most of the dorsal habitus color photographs (Figures 1-85) were taken with a Syncroscopy AutoMontage® system attached to a Leica Z16 APO microscope at the Division of Plant Industry, Florida State Collection of Arthropods Gainesville, FL. Some images have been edited using Adobe Photoshop® and the plates were assembled using Adobe Photoshop CS6. Specimens from which the new country records are based are deposited in the following collections:

ACMT – American Coleoptera Museum (James E. Wappes), San Antonio, TX, USA

FWSC – Fred W. Skillman, Jr., Pearce, AZ, USA

MNKM – Museu de Historia Natural Noel Kempff Mercado, Santa Cruz de la Sierra, BO

RFMC – Roy F. Morris, II, Lakeland, FL, USA

SWLC – Steven W. Lingafelter, North Potomac, MD, USA

Discussion

Collectively, the 81 species new for Bolivia have 91 departmental distribution records, with 53 from SC (mainly from “Chaco” areas in the south), 22 from TR, 6 from PN, 5 from BN, and 5 from CO. The disparity in number of records between departments is primarily a result of collecting bias and should not be construed to be indicative of the fauna in any individual department. Collectively, there are 380 distributional records for the 357 species included in this paper, 131 (34.5 % of the 380 distributional records) are from SC, 104 (27.4 %) from TR, 92 (24.2 %) from CO, 30 (7.9 %) from BN, 20 (5.3 %) from PN and 3 (0.8 %) from LP. Collecting bias is further evident in the recorded species data from each of the nine Bolivia departments. Santa Cruz with 1,390 species recorded (81 % of the 1,717 known) is the overwhelming leader followed by CO with 168, BN with 135, TR with 111, LP with 88, PN with 31, CQ with 5 and both OR and PT none. Additionally, 183 species are recorded from Bolivia without department

data. As the above numbers indicate there is still a significant amount of survey work to do before we can speak authoritatively about species composition and distribution of the cerambyciform lineage fauna in Bolivia.

Since Wappes et al. (2011), 60 new species have been described through February, 2013 whose distribution includes Bolivia. Of these 53 are known only from Bolivia. When added to the 347 previously recorded endemic species (Wappes et al. 2011) there are now 400 cerambyciform lineage species known only from Bolivia. This is nearly one-fourth of the recorded fauna and likely the highest endemic percentage for the fauna of any Western Hemisphere country.

An especially noteworthy species collection occurred on the grounds of the El Puente Hotel on the northwestern side of Villa Tunari, CO in September, 2012. A female *Myzomorphus amabilis* (Tippmann, 1960) (Figure 1) was collected at a MV+UV light sheet by Caroli Hamel and Paul Skelley in grassy lawn next to forest. Another specimen was collected at an incandescent porch light of the cabin next to the forest edge of the same lawn. This second smaller specimen of Anacolini, we believe to be the previously unknown male (Figure 2) of the same species.



Figures 1-2. Polymorphic prionine, *Myzomorphus amabilis* (Tippmann). 1) female. 2) male.

Another especially important collection is *Lathroeus oreoderoides* Thomson, 1864 described from a single South American specimen without locality information. An example of this species (Figure 46) was taken log-picking at night by Fred Skillman near Cristal Mayu, CO in October, 2011 making it the first known locality and country record for the species.

During the last few years (2009-2013) there have been numerous papers published describing new Cerambycidae which included Bolivian species. All make important contributions to our knowledge of the Bolivian fauna. However, several of them deserve special mention because they provide a synopsis of only Bolivian species, thus making it much easier to determine specimens in that group. These papers include: Robin Clarke’s series on the Rhinotragini of BO (Clarke 2009a, 2009b, 2010, 2011, 2012), with numerous new genera and species; Monné and Monné (2010) synopsis of Bolivian *Colobothea* Lepeletier and Audinet-Serville, 1825 providing a key to, and color illustrations of, all 24 species (two newly described); and their review (Monné and Monné 2012) of BO *Tropidozineus* Monné and Martins, 1976, three species with one new, and *Ozineus* Bates, 1863, nine species with four new ; and Galileo and Martin’s (2013) review of *Gorybia* Pascoe, 1866 species occurring in Bolivia, describing nine new species, with illustrations of the new ones and including a key to all 16 of the Bolivian species. We encourage cerambycid workers interested in studying the Bolivian fauna to do similar works.

New country and departmental records

VESPERIDAE

DEPARTMENT

Subfamily Anoplodermatinae

Tribe Anoplodermatini

Anoploderma breueri Lameere

TR

Tribe Mysteriini

Pathocerus wagneri Waterhouse

TR

CERAMBYCIDAEDEPARTMENT**Subfamily Parandrinae**

Tribe Parandrini

Parandra glabra (De Geer)

CO

Parandra polita Say

SC

Subfamily Prioninae

Tribe Anacolini

Myzomorphus amabilis (Tippmann)

CO

Tribe Callipogonini

Chorenta reticulata (Dalman)

SC

Enoplocerus armillatus (Linnaeus)

BN

Orthomegas cinnamomeus (Linnaeus)

BN, LP, SC

Orthomegas frischeiseni (Lackerbeck)

BN

Tribe Macrotomini

***Allomallodon popelairi* (Lameere)**

SC

Mallodon baiulum (Erichson)

BN, CO

Mallodon spinibarbe (Linnaeus)

TR

Strongylaspis boliviana Monné and Santos-Silva

SC

Tribe Meroscelisini

Sarifer flavirameus Kirsch

SC

Tribe Prionini

Psalidognathus friendii friendii Gray

CO

Subfamily Lepturinae

Tribe Lepturini

Strangalia bivittata (Bates)

SC

Strangalia flavocincta (Thomson)

SC

Subfamily Cerambycinae

Tribe Achrysonini

Achryson immaculipenne Gounelle

CO

Achryson surinamum (Linnaeus)

CO

Tribe Callichromatini

Callichroma sericeum (Fabricius)

BN

Mionochroma electrinum (Gounelle)

TR

Tribe Cerambycini

Amphelictus scabrosus Eya and Chemsak

SC

Butherium erythropus (Lucas)

SC

Coleoxestia femorata (Gounelle)

CO

Criodion torticolle Bates

BN

Juiaparus batus batus (Linnaeus)

BN

<i>Juiaparus batus lacordairei</i> (Gahan)	SC, TR
<i>Metacriodion pictum</i> (Waterhouse)	SC
<i>Plocaederus glabricollis</i> (Bates)	CO
<i>Plocaederus plicatus</i> (Olivier)	CO
<i>Poeciloxestia hirsutiventris</i> Fragoso	CO
<i>Sphallotrichus puncticolle puncticolle</i> (Bates)	SC
Tribe Clytini	
<i>Itaclytus tumulifer</i> (Aurivillius)	SC
<i>Mecometopus wallacei</i> (White)	CO
<i>Megacyllene proxima</i> (Laporte and Gory)	CO
<i>Miriclytus triangularis</i> Martins and Galileo	SC
<i>Neoclytus rufus</i> (Olivier)	SC
Tribe Compsocerini	
<i>Goatacara boliviana</i> Napp and Martins	SC
<i>Orthostoma abdominalis</i> (Gyllenhal)	TR
Tribe Eburini	
<i>Cupanoscelis heteroclita</i> Gounelle	TR
<i>Dioridium borgmeieri</i> (Lane)	CO
<i>Eburia sordida</i> Burmeister	SC, TR
<i>Eburodacrys apua</i> Martins and Galileo	CO
<i>Eburodacrys cunusaia</i> Martins	TR
<i>Eburodacrys fortunata</i> Lameere	SC
<i>Eburodacrys longilineata</i> White	SC
<i>Eburodacrys nemorivaga</i> Gounelle	TR
<i>Eburodacrystola pickeli</i> Melzer	SC
<i>Uncieburia nigricans</i> (Gounelle)	TR
Tribe Ectenessini	
<i>Bomarion carenatum</i> Martins	CO
<i>Ectenessa villardi</i> Belon	TR
Tribe Elaphidiini	
<i>Aetheibidion hirtellum</i> (Gounelle)	TR
<i>Ambonus albomaculatus</i> (Burmeister)	TR
<i>Ambonus distinctus</i> (Newman)	TR
<i>Ambonus electus</i> (Gahan)	TR
<i>Ambonus interrogationis</i> (Blanchard)	TR
<i>Amorupi fulvoterminata</i> (Berg)	SC
<i>Anelaphus cerussatus</i> (Newman)	TR
<i>Apyrauna annulicornis</i> Martins	SC
<i>Atharsus nigricauda</i> Bates	CO
<i>Clausirion comptum</i> Martins and Napp	CO
<i>Mallocera glauca</i> Audinet-Serville	SC
<i>Mallocera simplex</i> White	SC
<i>Mallocera umbrosa</i> Gounelle	TR
<i>Mephritus guttatus</i> Napp and Martins	SC
<i>Morphaneplus prolixus</i> Martins and Napp	SC, TR
<i>Periboeum paucispinum</i> Lameere	TR
<i>Piezophidion intricatum</i> Galileo and Martins	TR
<i>Sphaerion inerme</i> White	TR
<i>Sphaerion lentiginosum</i> Berg	TR

<i>Sphaerion sladeni</i> Gahan	TR
<i>Stizocera asyka</i> Galileo and Martins	TR
<i>Stizocera nigroflava</i> Zajciw	SC
<i>Stizocera plicicollis</i> (Germar)	TR
<i>Stizocera spinicornis</i> Fairmaire	TR
<i>Stizocera tristis</i> (Guérin-Méneville)	TR
Tribe Hesperophanini	
<i>Hespereburia brachypa</i> (Bates)	SC
Tribe Heteropsini	
<i>Allodemus tricolor</i> (Perty)	SC
<i>Chrysoprasis airi</i> Napp and Martins	SC
<i>Chrysoprasis aurata</i> Aurivillius	TR
<i>Chrysoprasis aurigena aurigena</i> (Germar)	TR
<i>Chrysoprasis hypocrita</i> Erichson	TR
<i>Chrysoprasis ibaca</i> Napp and Martins	BN
<i>Chrysoprasis ritcheri</i> Gounelle	SC, TR
<i>Erythrochiton jucundum</i> (Gounelle)	SC, TR
<i>Mallosoma zonatum</i> (Sahlberg)	TR
Tribe Hexoplini	
<i>Glyptoceridion quincunx</i> (Thomson)	PN
<i>Gnomidolon brethesi</i> Bruch	TR
<i>Gnomidolon conjugatum</i> (White)	CO
<i>Gnomidolon varians varians</i> Gounelle	SC
<i>Gnomidolon wappesi</i> Martins	SC
<i>Notosphaeridion scabrosum</i> (Gounelle)	TR
<i>Stenygra conspicua</i> (Perty)	PN
<i>Tetraibidion concolor</i> Martins	SC
Tribe Lissonotini	
<i>Lissonotus andalgalensis</i> Bruch	TR
Tribe Neczydalopsini	
<i>Neozodes signatus</i> Zajciw	SC
<i>Ozodes malthinoides</i> Bates	CO
Tribe Neocorini	
<i>Aleiphaquilon castaneum</i> (Gounelle)	TR
<i>Neocorus diversipennis</i> Belon	SC
<i>Neocorus ibidionoides</i> (Audinet-Serville)	TR
Tribe Neoibidionini	
Subtribe Compsina	
<i>Heterachthes congener</i> Martins	SC
<i>Heterachthes similis</i> Martins	SC
<i>Heterachthes unituberosus</i> Martins and Galileo	SC
<i>Heterachthes xyleus</i> Martins	SC
<i>Heterocompsa formosa</i> (Martins)	TR
<i>Stenoidion corallinum</i> (Bates)	CO
Subtribe Neoibidionina	
<i>Coleroidion cingulum</i> Martins	TR

<i>Compsibidion campestre</i> (Gounelle)	TR
<i>Compsibidion graphicum</i> (Thomson)	TR
<i>Compsibidion ytu</i> Martins, Galileo and Oliveira	SC
<i>Prothoracibidion xanthopterum</i> Martins	CO
Subtribe Tropidiina	
<i>Diasporidion argentinense</i> (Martins)	TR
<i>Gnomibidion fulvipes</i> (Thomson)	TR
<i>Thoracibidion fasciiferum</i> (Berg)	CO
<i>Thoracibidion flavopictum</i> (Perty)	TR
<i>Thoracibidion insigne</i> Martins	SC
<i>Tropidion castaneum</i> Martins	SC
<i>Tropidion contortum</i> Martins	TR
<i>Tropidion fuscipenne</i> (Gounelle)	TR
<i>Tropidion intermedium</i> (Martins)	SC
<i>Tropidion persimile</i> (Martins)	BN
<i>Tropidion rusticum</i> (Gounelle)	TR
Tribe O브리ini	
<i>Obrium clavijoi</i> Joly	SC
Tribe Oemini	
<i>Argentinoeme schulzi</i> Bruch	TR
<i>Neoeme annulicornis</i> (Buquet)	CO
<i>Temnopsis martinezi</i> Martins	SC
Tribe Piezocerini	
<i>Gorybia tuberosa</i> Galileo and Martins	SC
<i>Thyellocerus fulgidipennis</i> (Gounelle)	TR
Tribe Rhinotragini	
<i>Acyphoderes abdominalis</i> (Olivier)	BN
<i>Acyphoderes rubrohirsutotibialis</i> Tippmann	SC
<i>Agaone peruviana</i> (Fisher)	SC
<i>Epimelitta debilis</i> (Gounelle)	BO
<i>Isthmiade planifrons</i> Zajciw	TR
<i>Neophygopoda tibialis</i> Melzer	SC, TR
<i>Odontocera chrysostetha</i> Bates	SC
<i>Odontocera septemtuberculata</i> Zajciw	TR
<i>Pseudagaone suturafissa</i> Tippmann	SC
<i>Rhinotragus lucasii</i> Thomson	SC
<i>Rhopalessa pilosicollis</i> (Zajciw)	TR
Tribe Rhopalophorini	
<i>Brachylophora auricollis</i> (Bruch)	SC, TR
<i>Coremia plumipes</i> (Pallas)	SC
<i>Cosmisoma ammiralis</i> (Linnaeus)	SC
<i>Cosmisoma argyreum</i> Bates	CO
<i>Cosmisoma brullei</i> (Mulsant)	SC, TR
<i>Cosmisoma cyaneum rubriventre</i> Monné and Magno	SC
<i>Cosmisoma ochraceum</i> (Perty)	SC
<i>Cynoderus barbatus</i> Gounelle	SC
<i>Dihammaphora gracicollis</i> (Chevrolat)	SC, TR
<i>Dihammaphora perforata</i> (Klug)	SC

<i>Dirocoremia simplicipes</i> (Gounelle)	SC, TR
<i>Ischionodonta iridipennis</i> (Chevrolat)	TR
<i>Ischionodonta versicolor</i> (Chevrolat)	TR
<i>Lathusia ferruginea</i> (Bruch)	SC, TR
<i>Rhopalophora collaris</i> (Germar)	TR
Tribe Torneutini	
<i>Coccoderus novempunctatus</i> (Germar)	SC, TR
<i>Diploschema weyrauchi</i> Lane	CO
<i>Praxithea derourei</i> (Chabrillac)	TR
<i>Psigmatocerus wagleri</i> Perty	SC
Tribe Trachyderini	
<i>Andraegoidus variegatus</i> (Perty)	BN
<i>Batus barbicornis</i> (Linnaeus)	BN
<i>Callancyla tucumana</i> Viana	SC
<i>Ceralocyna fulvipes</i> Viana	TR
<i>Chevrolatella tripunctata</i> (Chevrolat)	TR
<i>Chydarteres striatus schaeferi</i> (Bosq)	SC
<i>Dorcacerus barbatus</i> (Olivier)	BN
<i>Eriphus dimidiatus</i> White	CO
<i>Eriphus longicollis</i> Zajciw	SC
<i>Lissonoschema macrocolum</i> Martins and Monné	CO
<i>Neochrysopraxis zajciwi</i> Franz	TR
<i>Oxymerus basalis</i> (Dalman)	TR
<i>Oxymerus aculeatus meridionalis</i> Huedepohl	TR
<i>Oxymerus luteus occidentalis</i> Huedepohl	SC
<i>Trachyderes cingulatus</i> Klug	BN, PN
<i>Trachyderes succinctus succinctus</i> (Linnaeus)	PN
Subfamily Lamiinae	
Tribe Acanthocinini	
<i>Alcathousites superstes</i> (Erichson)	SC
<i>Amniscites pictipes</i> (Bates)	CO
<i>Anisopodus affinis</i> Martins	PN
<i>Anisopodus elongatus</i> Bates	CO
<i>Anisopodus humeralis</i> Bates	CO
<i>Anisopodus melzeri</i> Gilmour	PN
<i>Atrypanius implexus</i> (Erichson)	CO
<i>Atrypanius irrorellus</i> Bates	CO
<i>Atrypanius remissus</i> (Erichson)	CO
<i>Brevoxathres x-littera</i> (Melzer)	CO, SC
<i>Carphina elliptica</i> (Germar)	SC
<i>Eucharitolus spilotus</i> Botero and Monné	SC
<i>Eutrypanus triangulifer</i> Erichson	CO
<i>Hylettus seniculus</i> (Germar)	TR
<i>Hyperplatys pusillus pusillus</i> (Bates)	CO, SC
<i>Lathroeus oreoderoides</i> Thomson	CO
<i>Leiopus pleuriticus</i> White	CO
<i>Lepturges canocinctus</i> Gilmour	TR
<i>Lepturges complanatus</i> Bates	CO
<i>Lepturges comptus</i> Melzer	TR
<i>Lepturges curvilinea</i> Gilmour	CO

<i>Lepturges epagogus</i> Monné	CO, SC
<i>Lepturges inscriptus</i> Bates	TR
<i>Lepturges insignis</i> Melzer	SC
<i>Lepturges limpidus</i> Bates	TR
<i>Lepturges virgatus</i> Monné	PN
<i>Lepturges zonula</i> Monné	CO
<i>Lophopoeum bruchi</i> Monné and Martins	TR
<i>Lophopoeum timbouvae</i> Lameere	SC
<i>Nealcidion badium</i> Monné and Delfino	SC
<i>Nealcidion cristulatum</i> Monné and Delfino	SC
<i>Nealcidion emeritum</i> (Erichson)	CO
<i>Neoeutrypanus generosus</i> (Monné and Martins)	SC
<i>Neoeutrypanus nobilis</i> (Bates)	BN
<i>Nyssocarinus humeralis</i> Monné	CO
<i>Nyssodrysis lineata</i> Gilmour	PN
<i>Nyssodrysisina scutellata</i> (Bates)	CO
<i>Nyssodrysisina spreta</i> (Bates)	CO
<i>Nyssodrysternum caudatum</i> (Bates)	BN
<i>Nyssodrysternum conspicillare</i> (Erichson)	CO, PN
<i>Nyssodrysternum proximum</i> Monné and Tavakilian	BN
<i>Nyssodrysternum ptericoptum</i> (Bates)	BN, TR
<i>Nyssodrysternum serpentinum</i> (Erichson)	CO
<i>Nyssodrysternum signiferum</i> (Bates)	CO
<i>Nyssodrysternum spilotum</i> Monné	SC
<i>Oedopeza ocellator</i> (Fabricius)	CO
<i>Onalcidion fibrosum</i> Monné and Martins	SC
<i>Oxathres maculosa</i> Monné and Tavakilian	SC
<i>Ozineus striatus</i> (Gilmour)	SC
<i>Palame crassimana</i> Bates	PN
<i>Paralcidion bilineatum</i> Gilmour	SC
<i>Pattalinus mirificus</i> (Gilmour)	SC
<i>Pentheochaetes apicalis</i> Melzer	TR
<i>Trichonyssodrys aureopilosus</i> Monné	SC
<i>Tropidozineus vicinus</i> (Melzer)	PN
<i>Trypanidius andicola</i> Blanchard	CO
<i>Urgleptes ovalis</i> (Bates)	SC
<i>Xylergates elaineae</i> Gilmour	PN
<i>Xylergates lacteus</i> Bates	BN, PN
Tribe Acanthoderini	
<i>Anoreina piara</i> Martins and Galileo	SC
<i>Eupromerella clavator</i> (Fabricius)	CO
<i>Exalphus guaraniticus</i> (Lane)	TR
<i>Itajutinga difficilis</i> Martins	SC
<i>Macropophora accentifer</i> (Olivier)	BN
<i>Myoxomorpha funesta</i> (Erichson)	BN
<i>Nesozineus simile</i> Martins and Galileo	TR
<i>Nesozineus triviale</i> Galileo and Martins	TR
<i>Oreodera g. glauca</i> (Linnaeus)	TR
<i>Oreodera occulta</i> Monné and Fragoso	TR
<i>Oreodera paulista</i> Tippmann	CO
<i>Oreodera semiporosa</i> Tippmann	CO
<i>Psapharochrus jaspideus</i> (Germar)	TR
<i>Psapharochrus lateralis</i> (Bates)	CO

<i>Psapharochrus maculatissimus</i> (Bates)	CO
<i>Psapharochrus nigroocellatus</i> (Tippmann)	CO
<i>Psapharochrus nigropunctatus</i> (Tippmann)	CO
<i>Psapharochrus pseudopropinquus</i> (Fuchs)	TR
<i>Psapharochrus satellinus</i> (Erichson)	CO
<i>Steirastoma breve</i> (Sulzer)	CO
<i>Steirastoma coenosa</i> Bates	CO, SC
Tribe Aerenicini	
<i>Antodice pinima</i> Martins and Galileo	SC, TR
<i>Holoaerenica bistriata</i> Lane	SC, TR
Tribe Acrocini	
<i>Acrocinus longimanus</i> (Linnaeus)	BN
Tribe Agapanthiini	
<i>Hippopsis fractilinea</i> Bates	CO
<i>Pachypeza joda</i> Dillon and Dillon	CO
Tribe Anisocerini	
<i>Cyclopeplus lacordairei</i> Thomson	SC
<i>Onychocerus crassus</i> (Voet)	CO
Tribe Apomecynini	
<i>Acestrilla minima</i> Bates	SC
<i>Adetus abruptus</i> Belon	BN
<i>Adetus analis</i> (Haldeman)	PN
<i>Adetus cylindricus</i> Bates	BN, CO
<i>Amphicnaeia tate</i> Galileo and Martins	SC
<i>Bisaltes fuscodiscalis</i> Breuning	BO
<i>Dorcasta implicata</i> Melzer	TR
<i>Ptericoptus acuminatus</i> (Fabricius)	PN
Tribe Calliini	
<i>Callia argodi</i> Belon	CO
<i>Callia boliviana</i> Belon	CO
<i>Callia fulvocincta</i> Bates	TR
<i>Callia pulchra</i> Melzer	SC, TR
<i>Drycothaea maculata</i> Martins and Galileo	CO
<i>Graminea annulata</i> Galileo and Martins	CO
<i>Mimolaia varicornis</i> (Belon)	CO
Tribe Colobothheini	
<i>Colobothea appendiculata</i> Aurivillius	CO
<i>Colobothea bisignata</i> Bates	PN
<i>Colobothea meleagrina</i> Erichson	CO
<i>Colobothea pictilis</i> Bates	CO
<i>Colobothea rubroornata</i> Zajciw	CO
<i>Colobothea sublunulata</i> Zajciw	CO
Tribe Compsosomatini	
<i>Aerenea flavolineata</i> Melzer	CO

Tribe Desmiphorini

<i>Acaua exotica</i> Martins and Galileo	TR
<i>Ceiupaba lineata</i> Martins and Galileo	SC
<i>Cicatrixestola flavicans</i> Breuning	TR
<i>Cicuiara striata</i> (Bates)	SC
<i>Desmiphora cirrosa</i> Erichson	TR
<i>Desmiphora compta</i> Martins and Galileo	CO
<i>Desmiphora cucullata</i> Thomson	SC
<i>Desmiphora intonsa</i> (Germar)	SC
<i>Estola albicans</i> Breuning	CO
<i>Estola basiflava</i> Breuning	TR
<i>Estola nodicollis</i> Breuning	CO
<i>Estola obscuroides</i> Breuning	SC
<i>Estola subannulicornis</i> Breuning	CO
<i>Mimasyngenes lepidotus</i> Clarke	SC, TR
<i>Mimasyngenes multisetosus</i> Clarke	SC

Tribe Forsteriini

<i>Bactriola paupercula</i> Bates	CO
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Tribe Hemilophini

<i>Canarana seminigra</i> (Bates)	SC
<i>Malacosylus cinctulus</i> Bates	SC
<i>Phoebe bicornis</i> (Olivier)	SC
<i>Phoebe spegazzinii</i> Bruch	TR
<i>Tyrinthia capillata</i> Bates	SC

Tribe Mauesiini

<i>Coroicoia ligata</i> (Schwarzer)	SC
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Tribe Monochamini

<i>Pseudotaeniotes mimus</i> (Dillon and Dillon)	SC
<i>Taeniotes chapini</i> Dillon and Dillon	SC
<i>Taeniotes monnei</i> Martins and Santos-Silva	BN, SC
<i>Taeniotes praeclarus</i> Bates	SC
<i>Taeniotes pulverulentus</i> Olivier	SC

Tribe Onciderini

<i>Cacostola volvula</i> (Fabricius)	CO, PN
<i>Cipriscola fasciata</i> (Thomson)	TR
<i>Euthima rodens</i> (Bates)	CO
<i>Hesychotypa aeropa</i> Dillon and Dillon	SC
<i>Hesychotypa lirissa</i> Dillon and Dillon	CO
<i>Jamesia globifera</i> (Fabricius)	CO
<i>Lochmaeocles consobrinus bolivianus</i> Dillon and Dillon	BN, TR
<i>Lochmaeocles pulcher</i> Dillon and Dillon	BN
<i>Lochmaeocles sladeni</i> (Gahan)	SC, TR
<i>Neolampedula obliquator</i> (Fabricius)	PN
<i>Oncideres minuta</i> Thomson	CO
<i>Trestonia turbula</i> Monné and Fragoso	CO
<i>Tulcoides tibialis</i> Martins and Galileo	SC

Tribe Polyrhaphidini		
<i>Polyrhaphis argentina</i> Lane		BN
Tribe Phacellini		
<i>Neobrachychilus consobrinus</i> (Lane)		TR
<i>Piola quiabentiae</i> Marinoni		TR
Tribe Pteropliini		
<i>Anobrium oberthuri</i> Belon		CO
<i>Ataxia obscura</i> (Fabricius)		PN
<i>Rhaphiptera nodifera</i> Audinet-Serville		SC
Tribe Tapeinini		
<i>Tapeina rudifrons</i> Marinoni		TR
Tribe Xenofreini		
<i>Xenofrea obscura</i> Galileo and Martins		CO
<i>Xenofrea zischkai</i> Galileo and Martins		BN

We provide the following list of species, which are recorded from Bolivia in published records (the reference where they were recorded is shown in parentheses after the name), because they were not recorded from Bolivia in the 2013 version of “Checklist of the Oxypeltidae, Vesperidae, Disteniidae and Cerambycidae (Coleoptera) of the Western Hemisphere”, by L. G. Bezark and M. A. Monné (2013). This extremely important resource is certainly the most widely referenced New World checklist. As publications are received its online version is regularly updated by the authors thereby providing users with the most current information on species distributions for countries in the New World. Inclusion of these records in the checklist will help to more accurately reflect the recorded diversity of Bolivia’s fauna.

CERAMBYCIDAEDEPARTMENT**Subfamily Parandrinae**

Tribe Parandrini		
<i>Birandra silvaini</i> (Tavakilian) (Wappes et al. 2006)		SC

Subfamily Prioninae

Tribe Callipogonini		
<i>Orthomegas pehlkei</i> (Lameere) (Audureau 2011)		CO
Tribe Prionini		
<i>Titanus giganteus</i> (Linnaeus) (Monné 2006)		BO

Subfamily Cerambycinae

Tribe Achrysonini		
<i>Achryson quadrimaculatum</i> (Fabricius) (Martins 1976)		SC
Tribe Callichromatini		
<i>Callichroma auricomum</i> (Linnaeus) (Aurivillius 1908; Napp and Martins 2009)		BO
<i>Callichroma velutinum</i> (Fabricius) (Napp and Martins 2009)		LP
Tribe Clytini		
<i>Pirangoclytus granulipennis</i> (Zajciw) (Wappes et al. 2006)		CO, LP

<i>Pirangoclytus laetus</i> (Fabricius) (Wappes et al. 2006)	PN, SC
Tribe Compsocerini	
<i>Aglaoschema basale</i> (Melzer) (Napp 2007)	SC
<i>Aglaoschema dulce</i> (Napp and Martins) (Napp 2007)	BO
Tribe Elaphidiini	
<i>Appula undulans</i> (White) (Martins 2005)	SC
Tribe Heteropsini	
<i>Chrysoprasia aeneiventris</i> Bates (Napp and Martins 1997)	SC, TR
Tribe Rhinotragini	
<i>Acatina quinque maculata</i> (Zajciw) (Clarke 2010)	SC
Tribe Trachyderini	
<i>Trachyderes succinctus duponti</i> Aurivillius (H depohl 1985)	BO
Subfamily Lamiinae	
Tribe Acanthocinini	
<i>Lagocheirus aeraneiformis fulvescens</i> Dillon (Monné 1995)	BO
<i>Ozineus striatus</i> (Gilmour) (Monné and Monné 2012)	SC
Tribe Acanthoderini	
<i>Oreodera simplex</i> Bates (Machado and Monné 2011)	CO
<i>Sorelia ferruginea</i> (Fuchs) (Fuchs 1964)	BO
Tribe Aerenicini	
<i>Recchia hirticornis</i> (Klug) (Martins and Galileo 1998)	BN, SC
Tribe Desmiphorini	
<i>Estola hirsuta</i> (De Geer) (Aurivillius 1922)	BO
<i>Mimasyngenes quiuira</i> (Galileo and Martins) (Clarke 2007)	SC
Tribe Xenofreini	
<i>Xenofrea zonata</i> Bates (Galileo and Martins 2005)	BO

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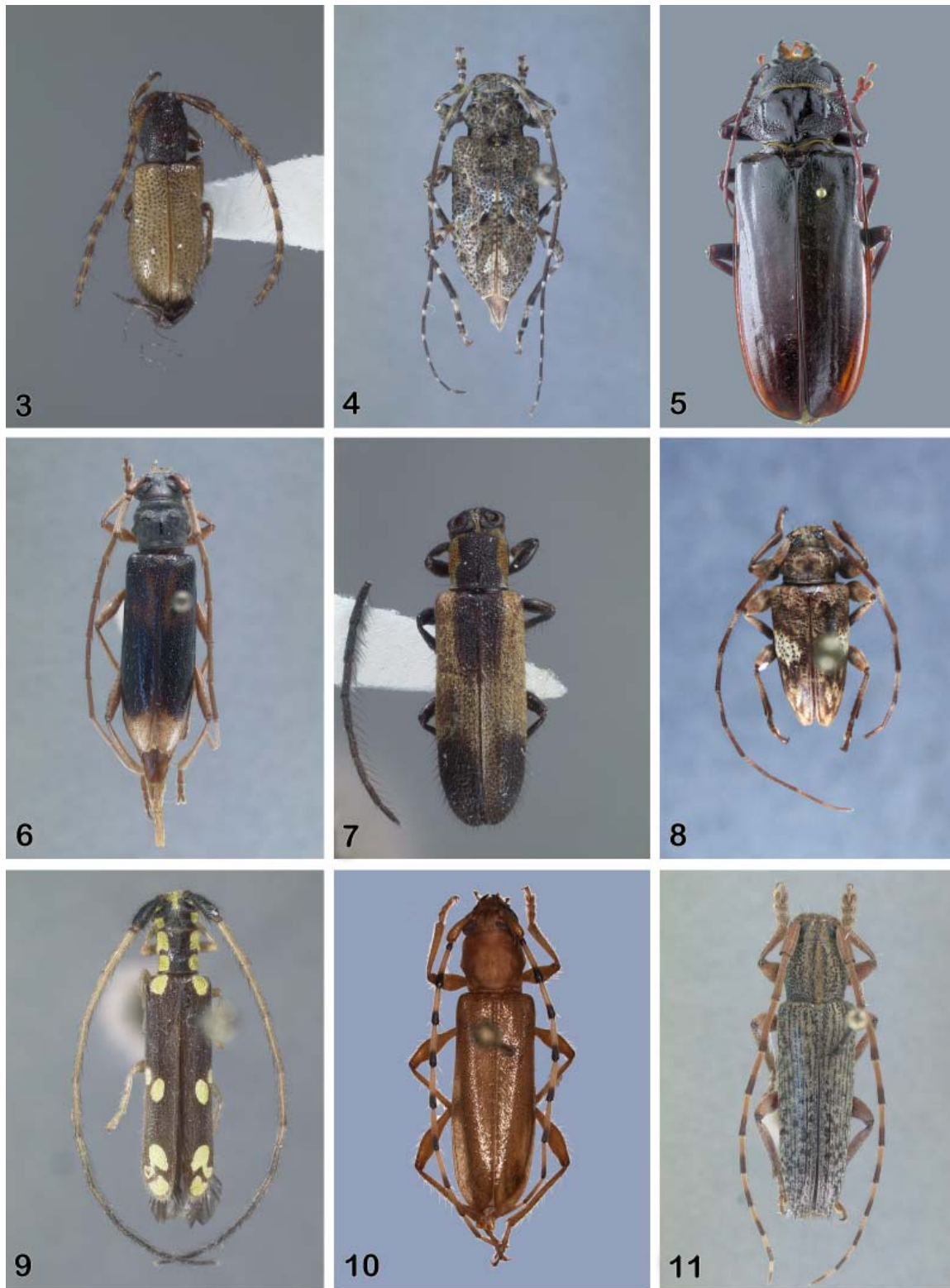
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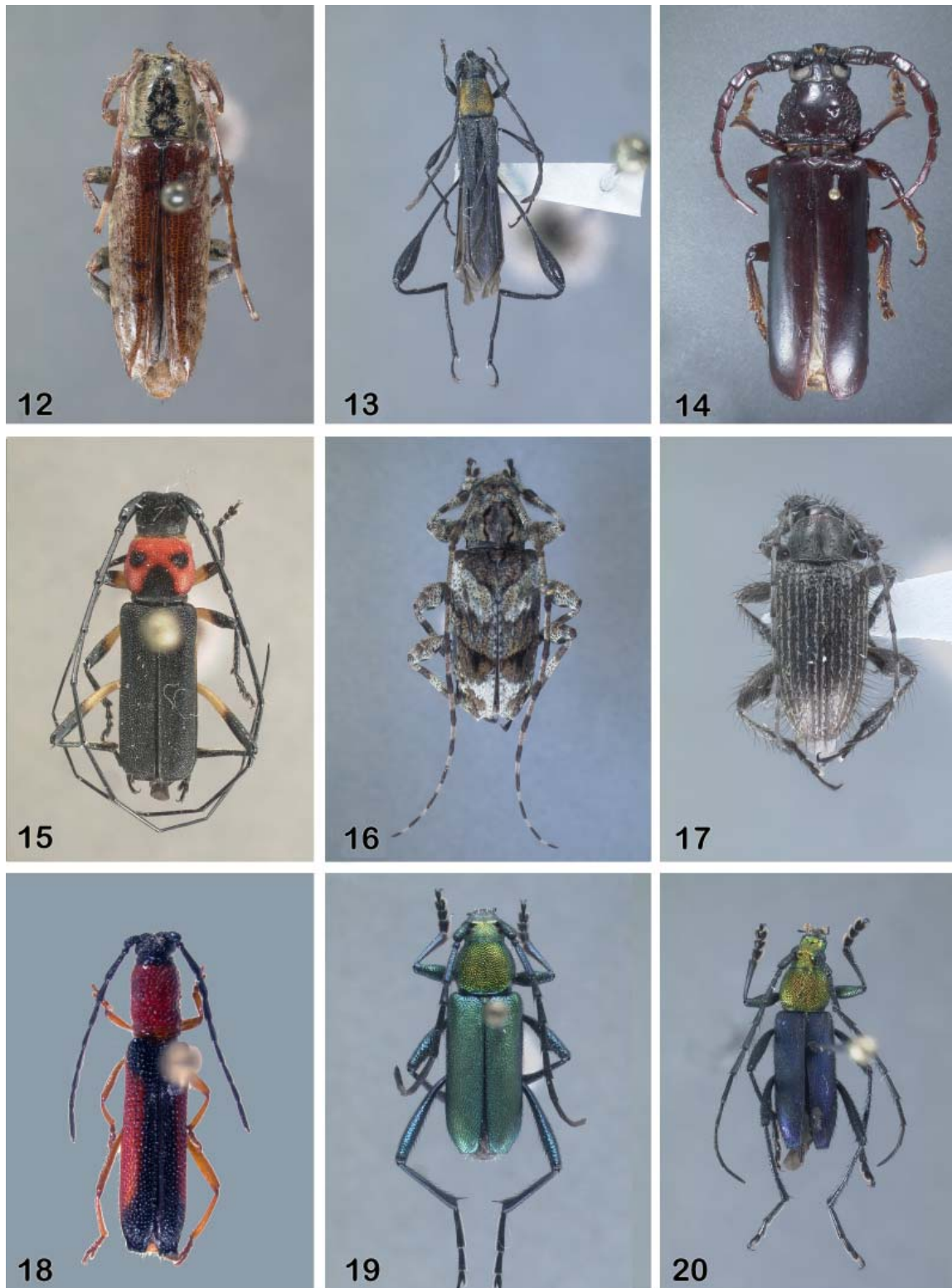
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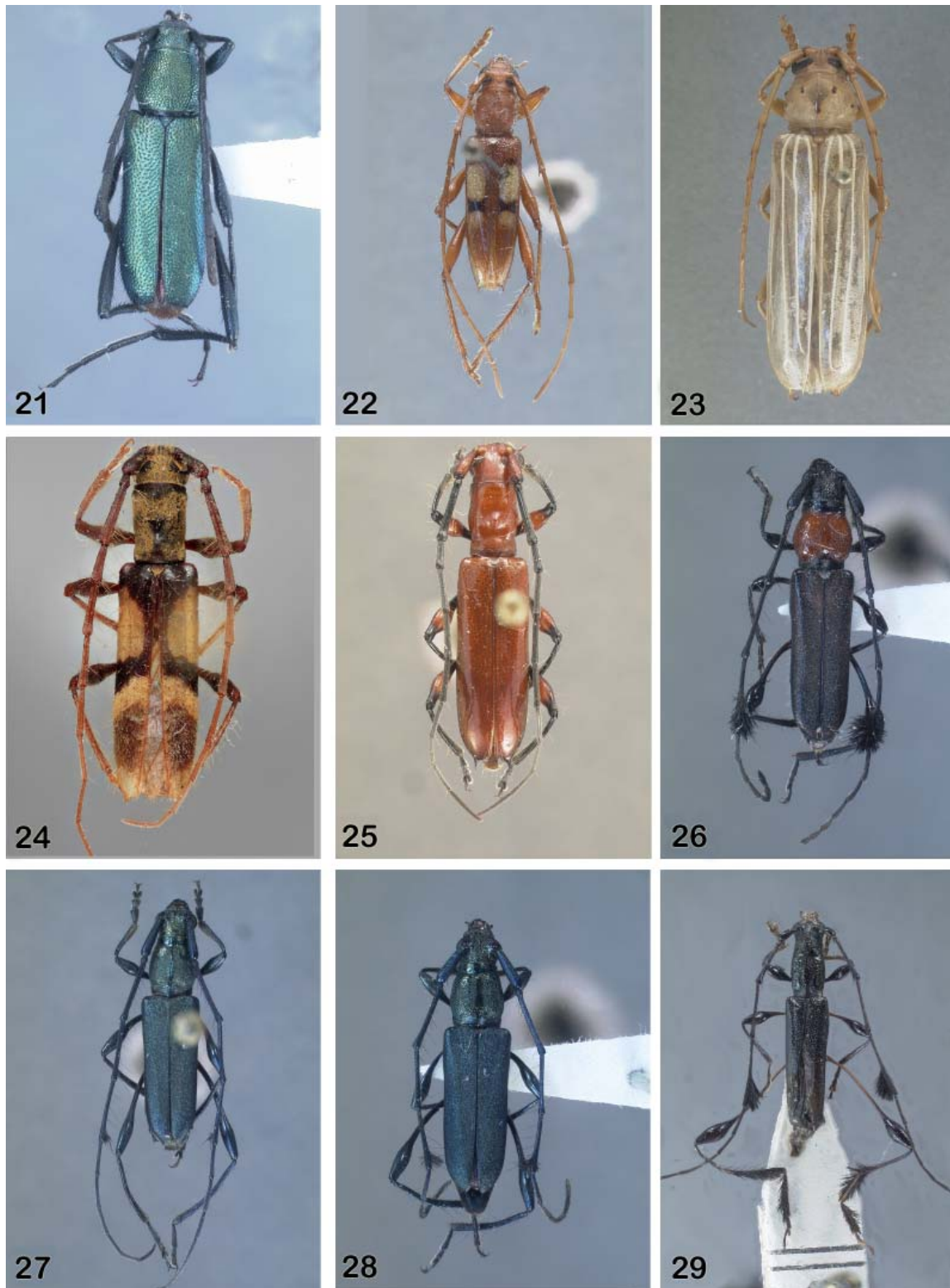
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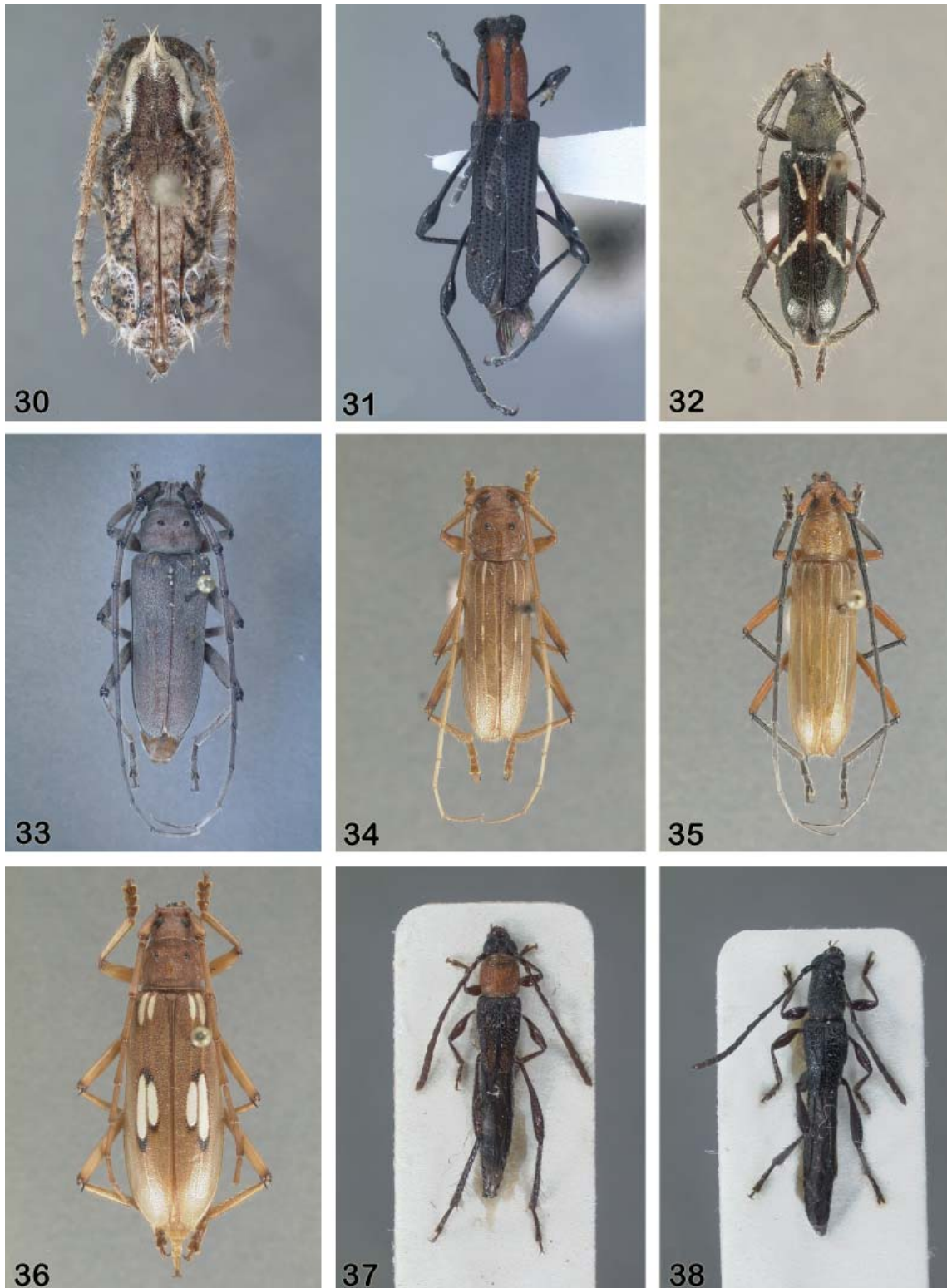
Figures 3-11. New country and departmental records for Bolivian Cerambycidae. **3)** *Acestrilla minima* Bates. **4)** *Alcathousites superstes* (Erichson). **5)** *Allomalodon popelairi* (Lameere). **6)** *Amorupi fulvoterminata* (Berg). **7)** *Amphicnaeia tate* Galileo and Martins. **8)** *Anoreina piara* Martins and Galileo. **9)** *Antodice pinima* Martins and Galileo. **10)** *Apyrauna annulicornis* Martins. **11)** *Ataxia obscura* (Fabricius).



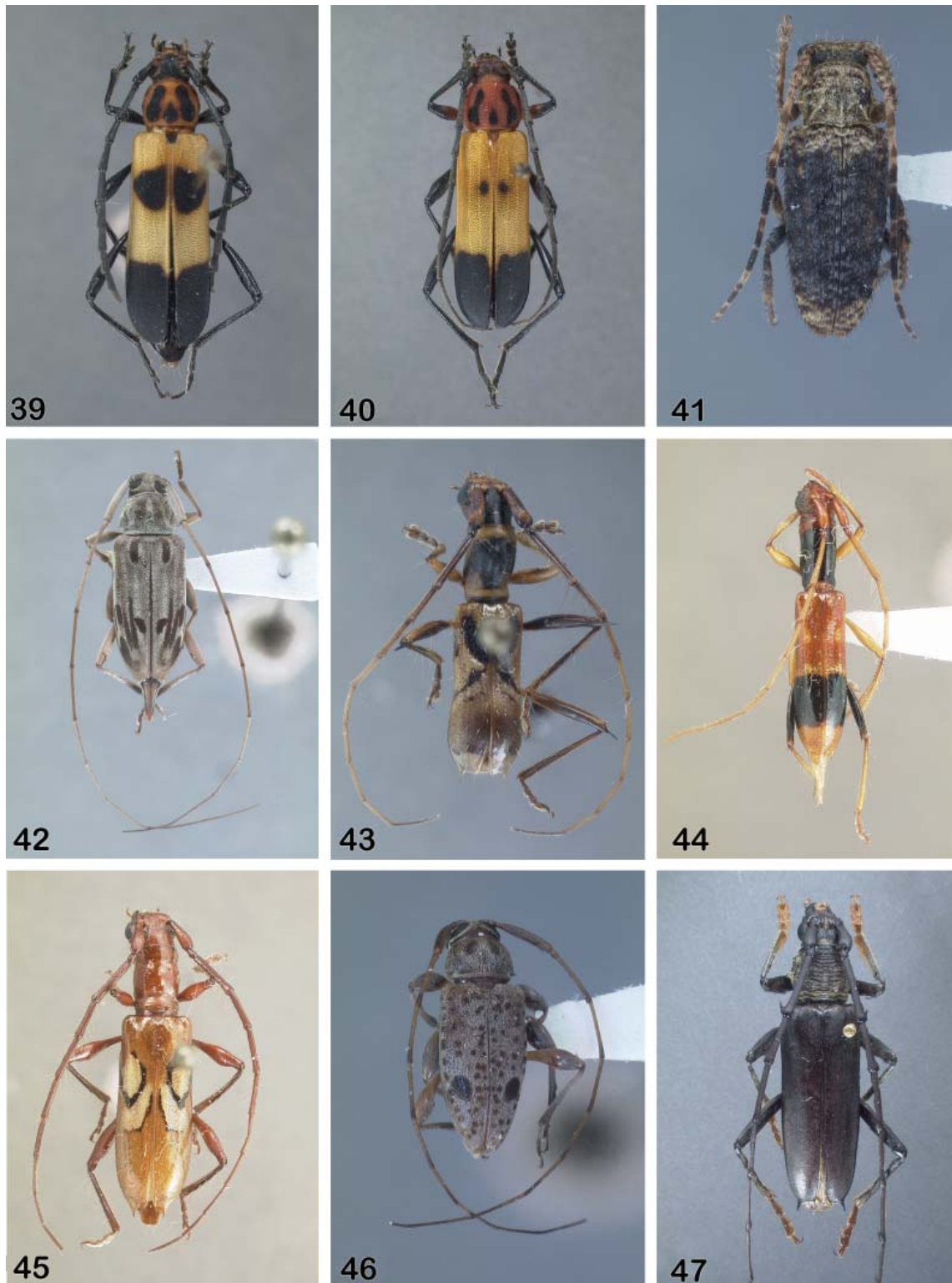
Figures 12-20. New country and departmental records for Bolivian Cerambycidae. **12)** *Bisaltes fuscodiscalis* Breuning. **13)** *Brachylophora auricollis* (Bruch). **14)** *Butherium erythropus* (Lucas). **15)** *Callancyla tucumana* Viana. **16)** *Carphina elliptica* (Germar). **17)** *Ceiupaba lineata* Martins and Galileo. **18)** *Ceralocyna fulvipes* Viana. **19)** *Chrysoprasis aurata* Aurivillius. **20)** *Chrysoprasis ibaca* Napp and Martins.



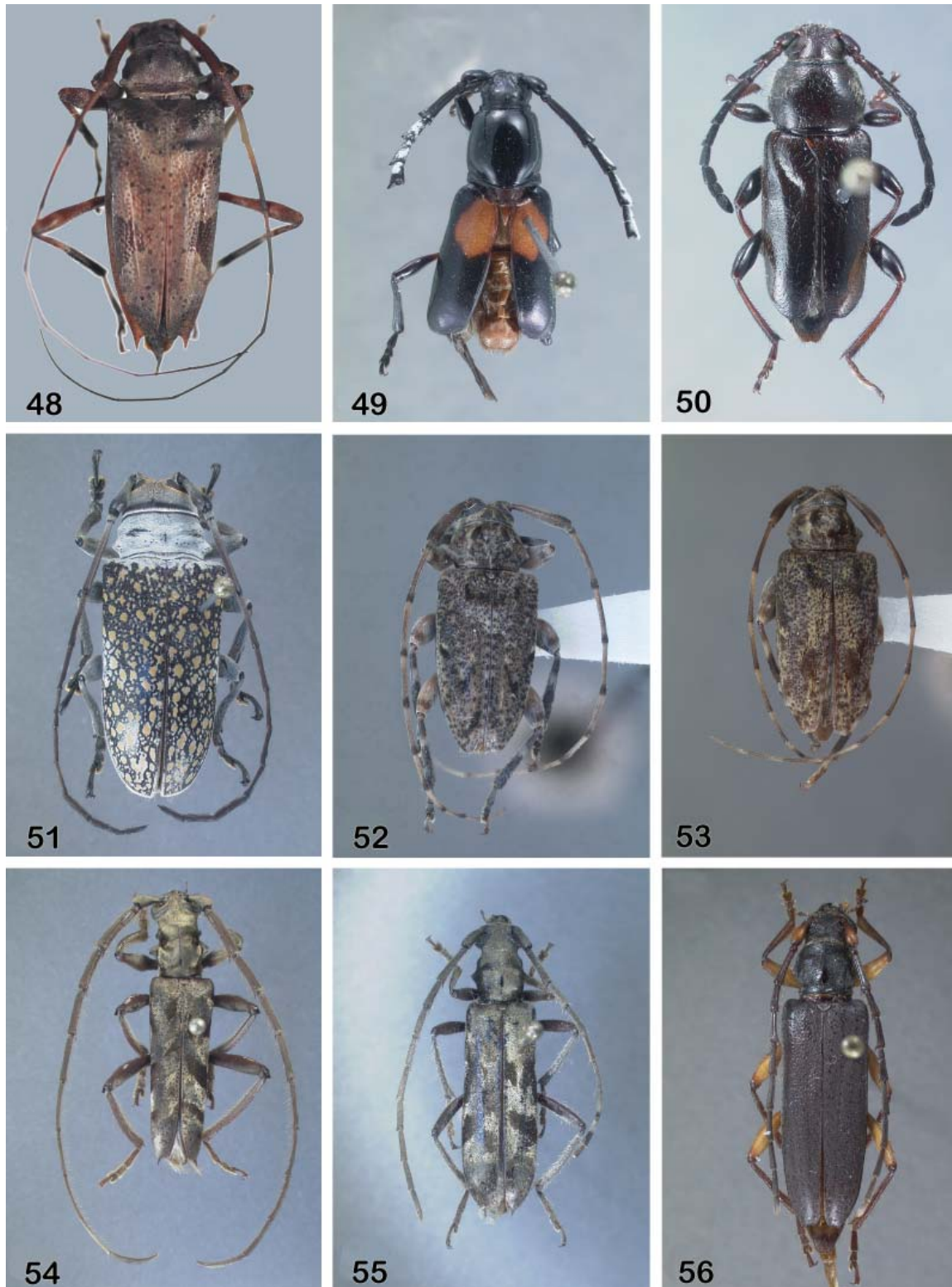
Figures 21-29. New country and departmental records for Bolivian Cerambycidae. **21** *Chrysoprasis ritcheri* Gounelle. **22** *Clausirion comptum* Martins and Napp. **23** *Coccoderus novempunctatus* (Germar). **24** *Coleroidion cingulum* Martins. **25** *Compsibidion ytu* Martins, Galileo and Oliveira. **26** *Cosmisoma brullei* (Mulsant). **27** *Cosmisoma cyaneum rubriventre* Monné and Magno, male. **28** *Cosmisoma cyaneum rubriventre* Monné and Magno, female. **29** *Cynoderus barbatus* Gounelle.



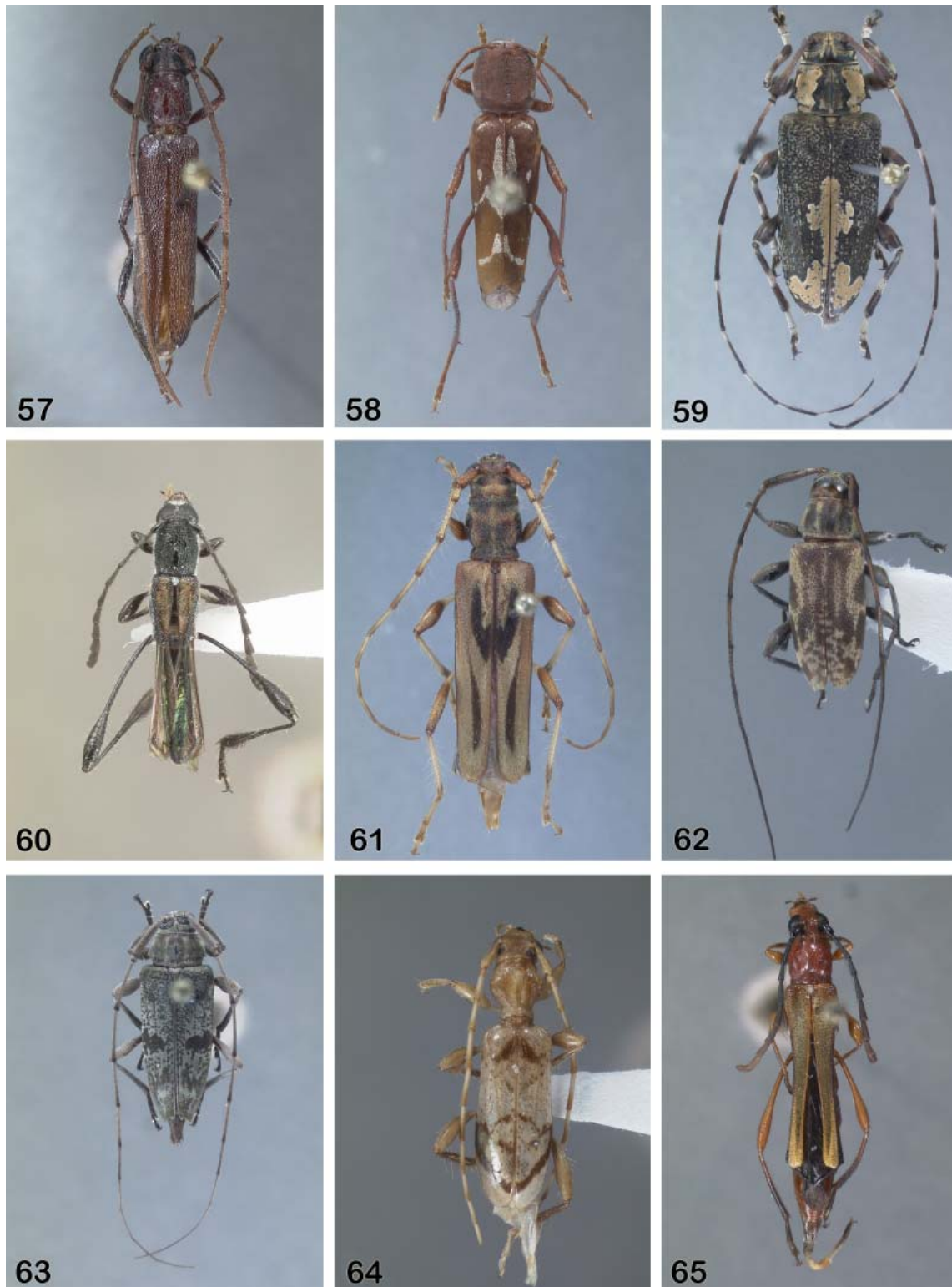
Figures 30-38. New country and departmental records for Bolivian Cerambycidae. **30** *Desmiphora cucullata* Thomson. **31** *Dihammaphora perforata* (Klug). **32** *Dioridium borgmeieri* (Lane). **33** *Eburia sordida* Burmeister. **34** *Eburodacrys cunusaia* Martins. **35** *Eburodacrys longilineata* White. **36** *Eburodacrystola pickeli* Melzer. **37** *Epimelitta debilis* (Gounelle) phenotype “a”. **38** *Epimelitta debilis* (Gounelle) phenotype “b”.



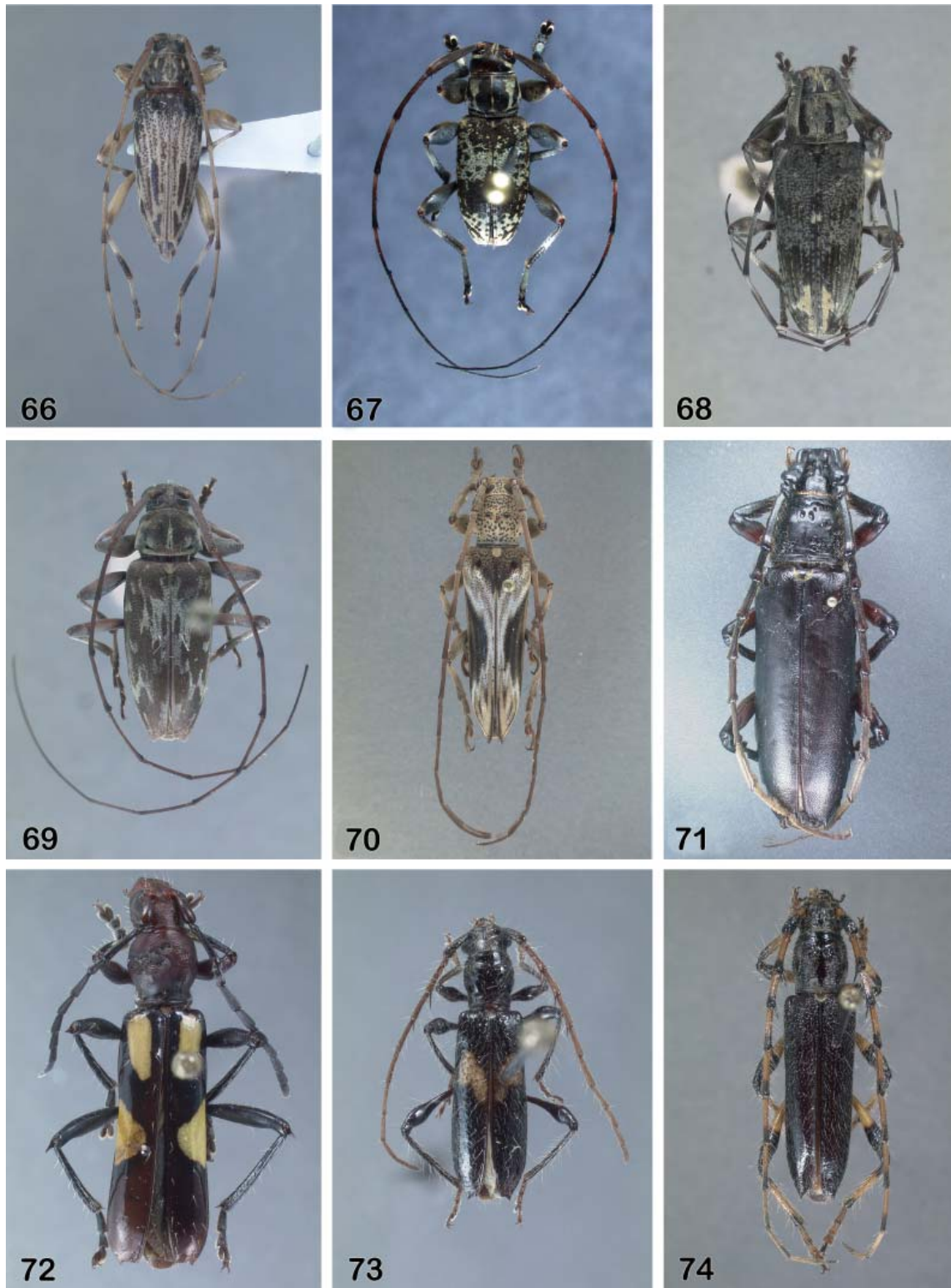
Figures 39-47. New country and departmental records for Bolivian Cerambycidae. **39)** *Erythrochiton jucundum* (Gounelle), female. **40)** *Erythrochiton jucundum* (Gounelle), male. **41)** *Estola obscuroides* Breuning. **42)** *Eucharitolus spilotus* Botero and Monné. **43)** *Glyptoceridion quincunx* (Thomson). **44)** *Gnomidolon brethesi* Bruch. **45)** *Heterocompsa formosa* (Martins). **46)** *Hyperplatys pusillus pusillus* (Bates). **47)** *Juiaparus batus lacordairei* (Gahan).



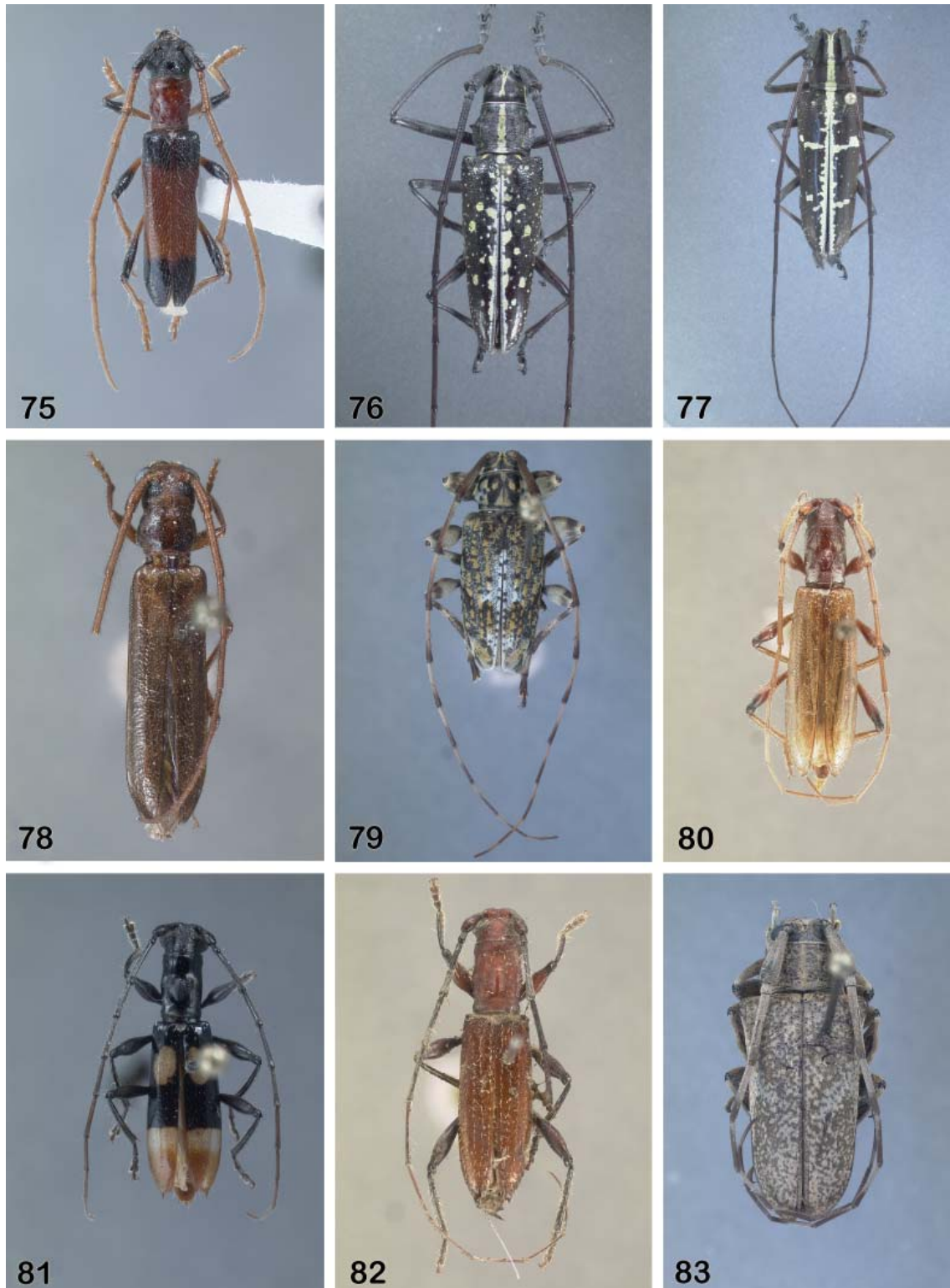
Figures 48-56. New country and departmental records for Bolivian Cerambycidae. **48)** *Lathroeus oreoderoides* Thomson. **49)** *Lissonoschema macrocolum* Martins and Monné. **50)** *Lissonotus andalgalensis* Bruch. **51)** *Lochmaeocles pulcher* Dillon and Dillon. **52)** *Lophopoeum bruchi* Monné and Martins. **53)** *Lophopoeum timbouwae* Lameere. **54)** *Malloccera glauca* Audinet-Serville. **55)** *Malloccera simplex* White. **56)** *Mephritis guttatus* Napp and Martins.



Figures 57-65. New country and departmental records for Bolivian Cerambycidae. **57)** *Morphaneplus prolixus* Martins and Napp. **58)** *Neoclytus rufus* (Olivier). **59)** *Neoeutrypanus nobilis* (Bates). **60)** *Neophygopoda tibialis* Melzer. **61)** *Neozodes signatus* Zajciw. **62)** *Nyssodrysilla lineata* Gilmour. **63)** *Nyssodrysternum spilotum* Monné. **64)** *Obrium clavijoi* Joly. **65)** *Odontocera septemtuberculata* Zajciw.



Figures 66-74. New country and departmental records for Bolivian Cerambycidae. **66)** *Ozineus striatus* Gilmour. **67)** *Palame crassimana* Bates. **68)** *Paralcidion bilineatum* Gilmour. **69)** *Pattalinus mirificus* (Gilmour). **70)** *Rhaphiptera nodifera* Audinet-Serville. **71)** *Sphallotrichus puncticolle puncticolle* (Bates). **72)** *Stenygra conspicua* (Perty). **73)** *Stizocera asyka* Galileo and Martins. **74)** *Stizocera nigroflava* Zajciw.



Figures 75-83. New country and departmental records for Bolivian Cerambycidae. **75)** *Stizocera spinicornis* (Fairmaire). **76)** *Taeniotes monnei* Martins and Santos-Silva. **77)** *Taeniotes praeclarus* Bates. **78)** *Temnopsis martinezi* Martins. **79)** *Trichonyssodryus aureopilosus* Monné. **80)** *Tropidion intermedium* (Martins). **81)** *Tropidion persimile* (Martins). **82)** *Tropidion rusticum* (Gounelle). **83)** *Tulcoides tibialis* Martins and Galileo.



Figures 84-85. New country and departmental records for Bolivian Cerambycidae. **84)** *Urgleptes ovalis* (Bates). **85)** *Xylergates elaineae* Gilmour.

