

Unveiling Bolivia's Herpetological Splendor: A New Frontier of Discovery

Cuadernos de Herpetología is immensely proud to present a landmark contribution that profoundly enriches our understanding of the extraordinary reptilian diversity within the Plurinational State of Bolivia. This special issue, featuring the "Catalogue of the reptiles of Bolivia: checklist, distribution and literature", stands as a testament to the nation's unparalleled natural heritage and the unwavering dedication of their scientific community.

Bolivia's privileged geographical position, characterized by significant climatic and physiographic heterogeneity, generates a remarkable variety of ecosystems spanning an altitudinal range from less than 200 meters above sea level to over 6000 meters in the high Andes. This includes a mosaic of 12 distinct ecoregions, from the Amazonian rainforests and Chaco dry forests to the inter-Andean dry forests and high Andean plateaus. This ecological tapestry fosters an astonishing diversity of reptilian life. The greatest species richness is notably found in the Yungas and the Pre- and Sub-Andean Amazon Forests, while endemism is particularly concentrated in the Andean regions, specifically the Yungas, Sub-Andean Amazon Forests, and Inter-Andean Dry Forests.

This comprehensively compiled catalogue documents a staggering 314 species of reptiles, distributed across 118 genera and 28 families in Bolivia. The diversity is notably dominated by snakes, accounting for 173 species (55%), followed by lizards with 119 species (38%), tortoises and turtles with 16 species (5%), and caimans with 6 species (2%). Furthermore, the catalogue identifies 25 endemic species, representing 7.96% of the total, a number poised to grow as research progresses. The authors' rigorous effort in synthesizing existing literature, incorporating new records, and providing detailed distribution maps and photographs for a significant portion of the species (65%) underscores a monumental achievement in the field of Bolivian herpetology. This foundational work is crucial for informing conservation strategies and guiding future ecological and taxonomic studies.

Despite these advancements, significant gaps and a lack of information persist, highlighting that the diversity and systematics of Bolivian reptiles remain underexplored. Globally, an average of 227 new reptile species are described each year, and the Neotropics, particularly Bolivia, still possesses vast untapped taxonomic knowledge. The catalogue itself identifies an additional 24 species with probable occurrence in the country, given their proximity to Bolivian borders in neighboring nations.

To the emerging generations of herpetologists, we extend a resounding call to action. The work presented in this issue serves not just as a comprehensive resource, but as an inspiration. The immense task of fully understanding and protecting Bolivia's reptilian heritage lies ahead. May your passion, scientific rigor, and intrepid spirit lead you to the unexplored corners of this magnificent country. We are confident that your future endeavors will uncover countless new species and ecological insights, adding vital chapters to the grand narrative of life on Earth. The journey of discovery in Bolivia is far from over.

Diego Baldo

Catalogue of the reptiles (Reptilia) of Bolivia: checklist, distribution and literature

Pedro Gómez-Murillo¹, Oliver Quinteros-Muñoz¹, Enrique Domic², Teresa Camacho-Badani^{1,3}, Romeo Rojas-Estrada¹, Irene Arellano-Martín⁴, Rodrigo Aguayo⁵, Lucindo Gonzales⁶, Luis F. Esqueda⁷, Carlos Urdiales Alonso⁸, Dennis E. Lizarro (†)⁹, Edson Cortez⁶, Mauricio Ocampo¹¹, Steffen Reichle⁶, Octavio Jiménez-Robles¹³, Rene Carpio-Real⁵, Omar M. Entiauspe-Neto^{14,15}, Luis Rolando Rivas⁹, Alfonso Llobet¹⁰, Alejandro Bruno Miranda-Calle^{11,12}, Alvaro J. Aguilar-Kirigin^{9,11} & Ignacio De la Riva¹⁶

¹ Museo de Historia Natural Alcide d'Orbigny, casilla 843, Cochabamba, Bolivia.

² Wildlife Conservation Society, Programa Bolivia, Calle Gabino Villanueva 340, La Paz, Bolivia.

³ Museo de Zoología, Escuela de Ciencias Biológicas, Pontificia Universidad Católica del Ecuador, Avenida 12 de Octubre y Roca, Apartado 17-01-2184, Quito, Ecuador.

⁴ Independent Researcher, C/ Caridad, 8, planta 2, puerta 8, Estepona, Spain.

⁵ Centro de Biodiversidad y Genética, Universidad Mayor de San Simón, casilla 538, Cochabamba, Bolivia.

⁶ Museo Historia Natural Noel Kempff Mercado, Avenida Irala, 556, Santa Cruz, Bolivia.

⁷ Programa de Doctorado en Sistemática y Biodiversidad, Departamento de Zoología, Facultad de Ciencias Naturales y Oceanográficas, Universidad de Concepción, Chile.

⁸ Estación Biológica de Doñana (EBD-CSIC), Avda. Américo Vespucio N° 26, 41092, Sevilla, Spain.

⁹ Centro de Investigación de Recursos Acuáticos, Universidad Autónoma del Beni "José Ballivián", Campus Universitario Hernán Melgar Justiniano, Trinidad, Beni, Bolivia.

¹⁰ Coordinador de Planificación, Monitoreo y Evaluación, WWF, Bolivia.

¹¹ Red de Investigadores en Herpetología - Bolivia, Avda. José Aguirre 260, Los Pinos Zona sur, La Paz, Bolivia.

¹² Instituto de Ecología, Colección Boliviana de Fauna, c. 27 de Cota Cota, La Paz, Bolivia.

¹³ Research School of Biology, The Australian National University, 46 Sullivans Creek Road, 2601, Acton, Australian Capital Territory, Australia.

¹⁴ Universidade Federal do Rio Grande Do Sul, Departamento de Zoologia, Avda. Bento Gonçalves, Porto Alegre, Brazil.

¹⁵ Instituto Butantan, Laboratório de Coleções Zoológicas, Avda. Vital Brazil 1500, São Paulo, Brazil.

¹⁶ Museo Nacional de Ciencias Naturales (MNCN-CSIC), C/ José Gutiérrez Abascal, 2. 28006, Madrid, Spain.

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ABSTRACT

Bolivia is biogeographically diverse and consequently has a rich herpetofauna. We present an updated list of reptiles from Bolivia, consisting of a total of 314 species, belonging to 118 genera and 28 families. For each taxon we include comments, conservation status, new records, distribution maps and photographs (of 65% of the species). We also provide a list of species of probable occurrence in the country (which have been documented in Argentina, Brazil, Chile, Paraguay or Peru in localities very close to the Bolivian frontier), and a list of erroneous records.

Key words: Conservation, Crocodilia, Lizards, Reptilia, Snakes, South America, Squamata, Testudines.

RESUMEN

Bolivia es un país biogeográficamente muy diverso y consecuentemente alberga una herpetofauna muy rica. Presentamos una lista actualizada de los reptiles de Bolivia, constituida por un total de 314 especies, pertenecientes a 118 géneros y 28 familias. Para cada taxón se incluyen comentarios, el estado de conservación, nuevos registros, mapas de distribución y fotografías (del 65% de las especies). Además, se incluye una lista de especies de probable existencia en el país (que han sido documentadas en Argentina, Brazil, Chile, Paraguay o Perú en localidades muy cercanas al límite con Bolivia), y otra de registros erróneos.

Palabras claves: Conservación, Crocodilia, Lagartos, Reptilia, Serpientes, América del Sur, Squamata, Testudines.

Introduction

Bolivia is a center of global importance for the origin and diversity of species. Its distribution, richness and endemism are distributed in different ecoregions. The greatest richness of species is found in the Yungas and the Pre- and Sub-Andean Amazon Forests. Endemism is especially concentrated in the Andes: Yungas, Forests Subandean Amazon and Interandean Dry Forests (Ibisch & Mérida, 2003), located in the center of South America, it is characterized by a significant climatic and physiographic heterogeneity, and a remarkable variety of ecosystems distributed across an altitudinal range from less than 200 meters above sea level to more than 6000 in the high Andes (CBD, 2002; Ibisch & Mérida, 2003; Ibisch, 2005). From the Andean highlands to the eastern lowlands, the Bolivian territory includes rainforests and swampy savannahs, deciduous forests, semi-arid and semi-desert areas, classified into 12 different ecoregions: Ibisch & Mérida, 2003; Navarro, 2011; Rivas-Martínez *et al.*, 2011). As a result of these characteristics, the country holds a remarkable biogeographical diversity (Ibisch, 2001).

The knowledge of herpetology in Bolivia has been increasing over the last three decades. Although its formal beginnings date back to the work of Kempff (1975), Fugler (1986a), Fugler (1989), Fugler & De la Riva (1990), Fugler *et al.*, (1995) Montero *et al.*, (1995) to Dirksen & De la Riva (1999). Later, other authors reviewed particular groups and presented updated checklists of the reptiles of Bolivia: Harvey *et al.* (2003), Padial *et al.* (2003), Cortez (2005), Harvey *et al.* (2005), Langstroth (2005), Embert (2008); MMAYA (2009), Montaña (2013), Pinto-Viveros *et al.* (2017). Aguayo (2009) published the last checklist of reptiles of Bolivia; Rodríguez-

Cordero *et al.*, (2019) for the crocodiles, Reichle (2019) for the snakes, and Domic *et al.*, (2021), Domic *et al.*, (in press) for the turtles.

The last decade of herpetofaunistic studies has produced new species and findings that changed the taxonomic status and nomenclature of many taxa (Gonzales *et al.*, 2020; Aguilar-Kirigin *et al.*, 2021; Langstroth, 2021; Pires *et al.*, 2021; Albuquerque & Fernandes, 2022; Trevine *et al.*, 2022; Quinteros-Muñoz *et al.*, 2024).

Even so, the gaps and lack of information demonstrate that, like other animal taxa, the diversity and systematics of Bolivian reptiles have been little studied. So, this has motivated to summarize what is known about the reptiles occurring in the country, and present our results in this complete and illustrated catalogue. On average, around 227 new species of reptiles are described in the world each year (Uetz *et al.*, 2025), and the Neotropics, especially Bolivia is a region still with poor taxonomic knowledge of this group. Due to the current context in relation to biological diversity and conservation in South America, it is a priority to have an updated general list of Bolivian reptiles. This type of information is extremely useful not only for systematic, taxonomic, and ecological studies, but also for the implementation of informed conservation policies.

Brief history of early herpetological investigations in Bolivia

Herpetological studies in Bolivia began with the Jesuit missions during the 17th and 18th centuries, highlighting the papers of Bernabé Cobo chronicler, scientist and priest and his book "Historia del Nuevo

Mundo, 1617" where he wrote about the impenetrable forests of the Yungas, in which venomous pests inhabit and are dangerous for its inhabitants.; José Sánchez Labrador, Jesuit missionary sent to South America in 1734, traveled extensively through what is now Bolivia, Argentina and Paraguay and started a manuscript on history; or the priest and chronicler Francisco Javier Eder who in 1753 described three species of caimans in the central region of Baures (department of Beni today). In 1789 the naturalist Tadeo Haenke participated in the Malaspina expedition, later settling in the Cochabamba region and making great contributions to the knowledge of the biodiversity of Bolivia with the description of several species of the genus *Coluber*. The Malaspina expedition was authorized by King Carlos III of Spain and had the objective of touring the American coast in order to expand knowledge of natural sciences, astronomy and hydrography. Alcide d'Orbigny, a French naturalist who travelled across Bolivia for more than three years (1829-1833), stands out for describing some 115 species of reptiles in volume V of his work "Voyage dans l'Amerique Méridionale (Journey to South America)". Throughout the 20th century, great events unfolded for the Bolivian herpetofauna. At the beginning of the century, different scientific expeditions provided records of new species for the country and new ones for science, the most important being the one headed by Maurice Neveu-Lemaire.

Boulenger also made significant contributions to the field of herpetology worldwide, describing over 600 reptiles and 1470 species and genera of amphibians, of which six reptiles and eight amphibians were described for Bolivia between 1896 and 1908. Most of his descriptions were based on specimens in the collection of the British Museum deposited by various naturalists such as Dr. H. von Ihering, Prof. L. Balzan, Mr. P. O. Simons, Mr. Oekenden, and others. J. Steinbach conducted collections in the department of Santa Cruz, which were reviewed by H. W. Parker, who identified four reptile species and two amphibians for this department (Parker, 1928). On the other hand, Alfredo Borelli conducted numerous collections in the Bolivian Chaco between 1895 and 1896, depositing all specimens at the Museo Zoológico di Torino. M. G. Peracca reviewed those collections and in 1897 presented a list of 19 amphibians and 36 reptiles for Bolivia (Peracca, 1897). This was followed by researchers such as Everet N. Pearson,

G. Mann, Flemming, Procter, W. Foster, Donoso Barros, J. Vellard, Carl Gans, Federico Medem, Gastón Bejarano, Ovidio Suárez and Noel Kempff Mercado. Later, herpetological collections were born in different Bolivian institutions like Museo de Historia Natural Noel Kempff (Santa Cruz, 1986), Colección Boliviana de Fauna (La Paz, 1989), Museo de Historia Natural Pedro Villalobos (Cobija, 2002) and Museo de Historia Natural Alcide d'Orbigny (Cochabamba, 2003). In addition, the first agreements were established with foreign institutions so that researchers of other nationalities could study the herpetofauna of the country (d'Orbigny, 1945; Ergueta, 1995; Orias, 2005; Aparicio, 2014; Aparicio, 2016b; De la Riva *et al.*, 2018).

Materials y methods

Each species account is divided into the following sections:

Taxonomy; at the generic level is usually the latest published opinion. In some cases where the taxonomy seems to be still in flux, for example *Anolis/Norops*, we have made a decision. We recognize that subspecies may refer to different species (e.g., *Boa constrictor*, *Oxyrhopus rhombifer* or *Erythrolamprus poecilogyrus*), we show at the species level, leaving it to future studies to determine their true status. In the cases (eg., *Apostolepis underwoodi*, *Epictia albifrons*, *Liolaemus chaltin* or *Liolaemus puna*) a brief discussion is made on the taxonomics of those species present in Bolivia. No taxonomic decision is made on the species cited in this work. We leave conflicting or changing taxonomic identities to future research that can resolve them.

Type and Type locality; we have used data from reviews or specific studies (e.g., Harvey, 2008; Wallach *et al.*, 2014; Reynolds & Henderson, 2018; Gonzales *et al.*, 2020; Pires *et al.*, 2021; TTWG, 2021; Albuquerque & Fernandes, 2022).

Collection codes; museum abbreviations used in the text follow the standardized list maintained by the American Society of Ichthyologists and Herpetologists obtained from Sabaj (2014) and Frost (2022) (Appendix 1).

Distribution; shows the general distribution and is based on citations in bibliographic references. **Maps;**

the maps were made using QGIS 3.26.3 (www.qgis.org). All but sixteen species (due to lack of data or localities) are mapped in detail according to altitude, based on 16,783 records present in our database. All of our maps are derived from a set of georeferenced data obtained from the literature records, especially from works presenting lists of material examined in taxonomic studies. Due to the scale of the map, a point may represent more than one of several nearby locations. Some of the localities may be imprecise and could be several kilometers away from the actual collection site.

Information on the distribution of the species is obtained from the bibliography records. All records are previously published, except new records from material deposited in zoological collections.

Remarks; we include information on national distribution by department, endemic species, new records, taxonomy and other aspects such as the national and global conservation status according to the categories used in the Red Book of Vertebrates of Bolivia and the IUCN Red List (MMAYA, 2009; IUCN, 2022). If information on the species is available it is mentioned, when the species does not appear in the source, we do not mention it. Examined specimens are mentioned, only mention is made for new records (voucher is specified).

Classification

We have considered taxonomic changes and geographic additions until April 2025. We have used the suprageneric taxonomy in The Reptile Database (Uetz *et al.*, 2025) with the following modifications: Testudines: TTTWG (2021).

Squamata: Gans (2005), Pyron *et al.* (2013), Wallach *et al.* (2014), Carrasco *et al.* (2019), Abdala *et al.* (2021c), Abdala *et al.* (2021d), Silva-Jr. (2021), Simões & Pyron (2021), Trevine *et al.* (2022), and Carvalho *et al.* (2023).

Results

Our research has allowed us to document a total of 314 species in Bolivia. The richness of the groups varies, with snakes being the most diverse with 173 species (55%), followed by lizards with 119 species (38%), tortoises and turtles with 16 species (5%) and caimans with 6 species (2%). There are 25 endemic species, which represents 7.96% of the total number of species. This number will increase in the coming

years due to descriptions of new species or new records; in fact, we have identified other 24 species that may occur in the territory, since they are reported close to the Bolivian border in neighboring countries. Also, there are at least 25 species that we consider erroneous records (see below).

Species Accounts

Clase Reptilia Laurenti, 1768

Order Testudines Batsch, 1788

Family Kinosternidae Agassiz, 1857

Genus *Kinosternon* Spix, 1824

***Kinosternon scorpioides* (Linnaeus, 1766)**

Fig. 1 - Map. 1

Type: Lost (Holotype), MNHN-RA 1760 and MNHN-RA 4349 (Syntypes).

Type locality: “Surinami” Surinam.

Distribution: Argentina, Belize, Bolivia, Brazil, Colombia, Costa Rica, Ecuador, El Salvador, French Guiana, Guatemala, Guyana, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Suriname, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, Chuquisaca, La Paz, Pando, Santa Cruz, and Tarija. Categorized as LC (MMAYA, 2009).

Selected references: Linnaeus, 1766; Gray, 1831; Duméril & Bibron, 1835; Bell, 1836; Bocourt, 1876; Schwartz & Henderson, 1991; Köhler, 2000; Iverson *et al.*, 2013; Montaña, 2013; TTTWG, 2014; Cacciali *et al.*, 2016a; TTTWG, 2017; Domic *et al.*, 2021; TTTWG, 2021; Rivas *et al.*, 2022; Uetz *et al.*, 2025; Domic *et al.*, (in press).

Family Testudinidae Batsch, 1788

Genus *Chelonoidis* Fitzinger, 1835

***Chelonoidis carbonarius* (Spix, 1824)**

Fig. 2 - Map. 2

Type: Lost (Holotype).

Type locality: “flumen Amazonum” Pará, Brazil.

Distribution: Argentina, Bolivia, Brazil, Colombia, French Guiana, Guyana, Panama, Paraguay, Suriname, and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando, Santa Cruz and Tarija. Categorized as NT (MMAYA, 2009).

Selected references: Duméril & Bibron, 1835; Bell, 1836; Duméril & Bibron, 1854; Williams, 1960; Ernst & Barbour, 1989; Schwartz & Henderson, 1991; Iverson, 1992; Cej, 1993; Gorzula & Señaris, 1999; Ziegler *et al.*, 2002b; Padial *et al.*, 2003; Mccord &



Figure 1. *Kinosternon scorpioides* from Puerto Almacén, department of Santa Cruz. Photo: Ignacio De la Riva.



Figure 5. *Acanthochelys macrocephala* from Puerto Suarez, department of Santa Cruz. Photo: Steffen Reichle.



Figure 2. *Chelonoidis carbonarius* from Villa Tunari, department of Cochabamba. Photo: Pedro Gómez-Murillo.



Figure 6. *Acanthochelys pallidipectoris* from Corbalán, department of Tarija. Photo: Lucindo Gonzales.



Figure 3. *Chelonoidis chilensis* from Kaa-Iya, department of Santa Cruz. Photo: Steffen Reichle.



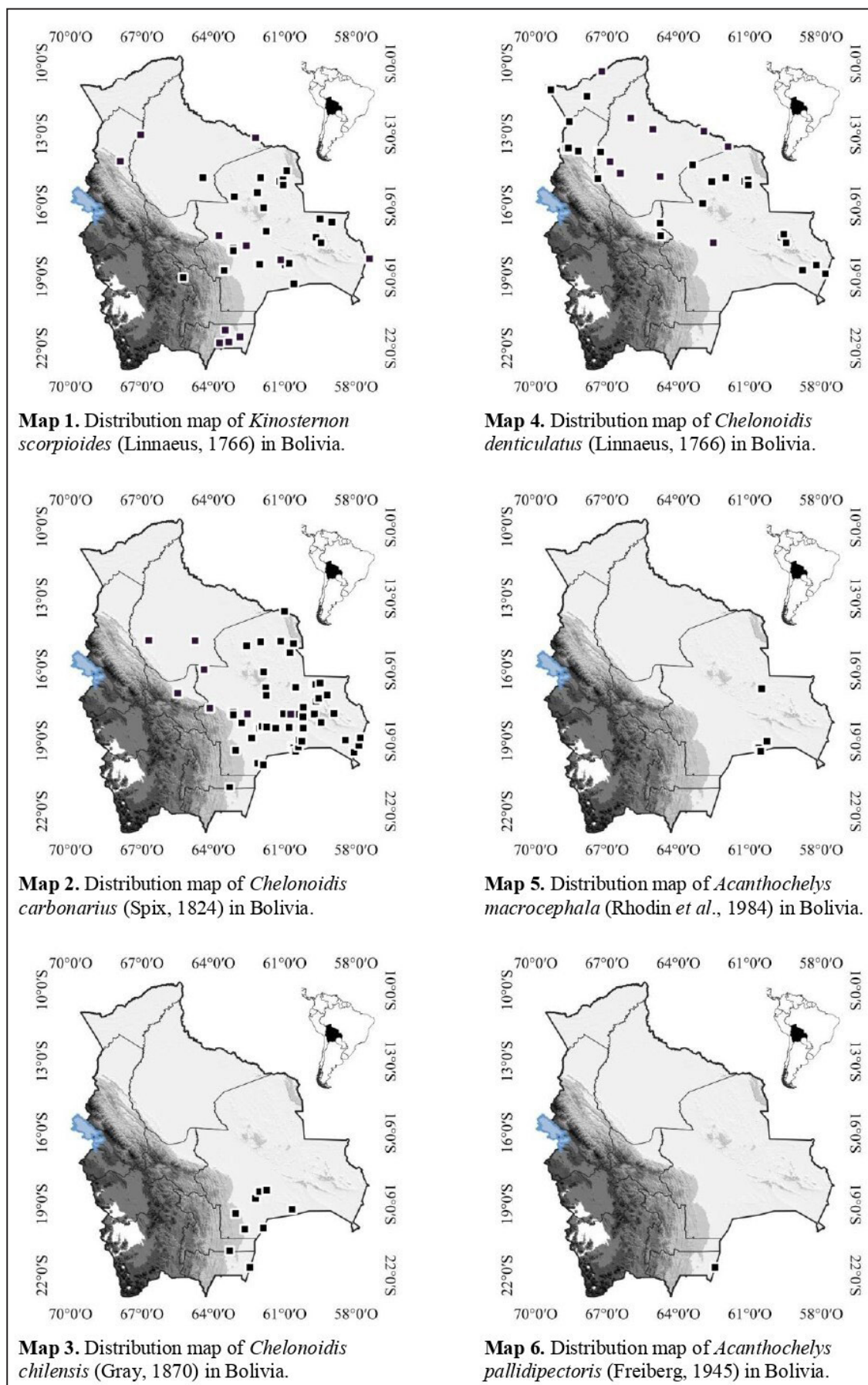
Figure 7. *Chelus fimbriata* from río Ipurupuru, department of Beni. Photo: Luis Rolando Rivas.



Figure 4. *Chelonoidis denticulatus* from Villa Tunari, department of Cochabamba. Photo: Pedro Gómez-Murillo.



Figure 8. *Mesoclemmys raniceps* from Juan Chulo, department of Santa Cruz. Photo: Lucindo Gonzales.



Joseph-Ouni, 2004; Le *et al.*, 2006; Daltry, 2007; Cortez & Rey-Ortíz, 2009a; Mcnish, 2011; Montaña, 2013; TTWG, 2014; Olson & David, 2014; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; TTWG, 2017; Gómez-Murillo & Arellano-Martín, 2019; Domic *et al.*, 2021; TTWG 2021; Uetz *et al.*, 2025; Domic *et al.*, (in press).

***Chelonoidis chilensis* (Gray, 1870)**

Fig. 3 - Map. 3

Type: BMNH 1947.3.5.8 and BMNH 1947.3.5.9 (Syntypes).

Type locality: Argentina.

Distribution: Argentina, Bolivia and Paraguay.

Remarks: Recorded in the departments of Chuquisaca, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and VU (IUCN, 2022).

Selected references: Gray, 1870; Kahl *et al.*, 1980; Ernst & Barbour, 1989; Cei, 1993; TFTSG, 1996b; Ernst, 1998; Varela & Bucher, 2002; Mccord & Joseph-Ouni, 2004; Carnovale, 2005; Le *et al.*, 2006; Cortez & Rey-Ortíz, 2009b; Winchell, 2010; Montaña, 2013; TTWG, 2014; Cacciali *et al.*, 2016a; TTWG, 2017; Domic *et al.*, 2021; TTWG, 2021; Uetz *et al.*, 2025; Domic *et al.*, (in press).

***Chelonoidis denticulatus* (Linnaeus, 1766)**

Fig. 4 - Map. 4

Type: NRM DeGeer collection 21 (Holotype).

Type locality: "Virginia" (USA) in error.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as NT (MMAYA, 2009) and VU (IUCN, 2022).

Selected references: Linnaeus, 1766; Duellman, 1978; Gorzula & Señaris, 1999; Mccord & Joseph-Ouni, 2004; Cortez, 2005; Moravec & Aparicio, 2005; Le *et al.*, 2006; Rey-Ortíz & Cortez, 2009; Whithworth & Beirne, 2011; Mcnish, 2011; Olson & David, 2014; TTWG, 2014; TTWG, 2017; Gómez-Murillo & Arellano-Martín, 2019; Aguilar-Kirigin, 2020; Aparicio *et al.*, 2021b; Domic *et al.*, 2021; Eversole *et al.*, 2021; TTWG, 2021; Rivas *et al.*, 2022; Uetz *et al.*, 2025; Domic *et al.*, (in press).

Family Chelidae Gray, 1825

Genus *Acanthochelys* Gray, 1873

***Acanthochelys macrocephala* (Rhodin, Mittermeier**

& McMorris, 1984)

Fig. 5 - Map. 5

Type: NMW 1293 (Holotype).

Type locality: Caiçara, Rio Paraguai, Mato Grosso, Brazil.

Distribution: Bolivia, Brazil and Paraguay.

Remarks: Recorded in the department of Santa Cruz. Categorized as NT (MMAYA, 2009) and NT (IUCN, 2022).

Selected references: Rhodin *et al.*, 1984; Alderton, 1988; Rhodin *et al.*, 1990; Vinke & Vinke, 2001; Montaña & Gonzales, 2009; TTWG, 2014; TTWG, 2017; Cacciali *et al.*, 2016a; Rhodin *et al.*, 2018; Domic *et al.*, 2021; TTWG, 2021; Uetz *et al.*, 2025.

***Acanthochelys pallidipectoris* (Freiberg, 1945)**

Fig. 6 - Map. 6

Type: MACN 1731 (Holotype)

Type locality: "Presidencia Roque Sáenz Peña, Chaco" Argentina.

Distribution: Argentina, Bolivia and Paraguay.

Remarks: Recorded in the department of Tarija. Categorized as NT (MMAYA, 2009) and EN (IUCN, 2022).

Selected references: Freiberg, 1945; Ernst & Barbour, 1989; Gonzales & Montaña, 2009b; TTWG, 2014; Cacciali *et al.*, 2016a; Vinke & Vinke, 2016; TTWG, 2017; Domic *et al.*, 2021; TTWG, 2021; Uetz *et al.*, 2025; Domic *et al.*, (in press).

Genus *Chelus* Duméril, 1805

***Chelus fimbriata* (Schneider, 1783)**

Fig. 7 - Map. 7

Type: Lost (Holotype).

Type locality: Surinam.

Distribution: Bolivia, Brazil, Ecuador, Peru, Suriname and Trinidad and Tobago.

Remarks: Recorded in the departments of Beni, Pando and Santa Cruz. Categorized as NT (MMAYA, 2009).

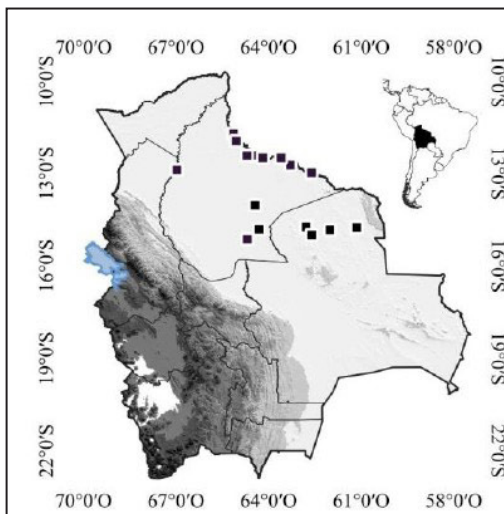
Selected references: Schneider, 1783; Günther, 1882; Mertens, 1934; Gorzula & Señaris, 1999; Cortez, 2009a; Rivas *et al.*, 2012; TTWG, 2014; Ceriaco & Bauer, 2017; TTWG, 2017; Vargas-Ramírez *et al.*, 2020; Domic *et al.*, 2021; TTWG, 2021; Uetz *et al.*, 2025; Domic *et al.*, (in press).

Genus *Mesoclemmys* Gray, 1873

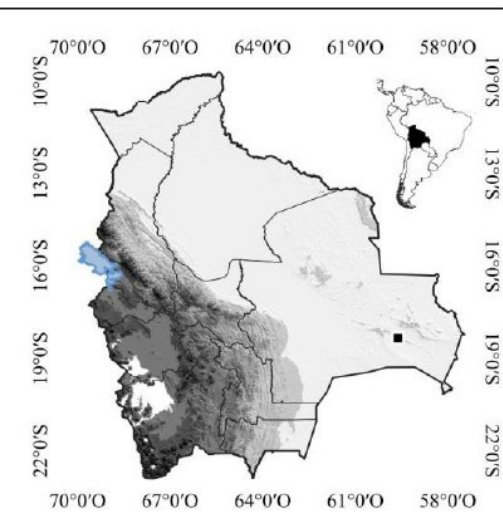
***Mesoclemmys gibba* (Schweigger, 1812)**

Map. 8

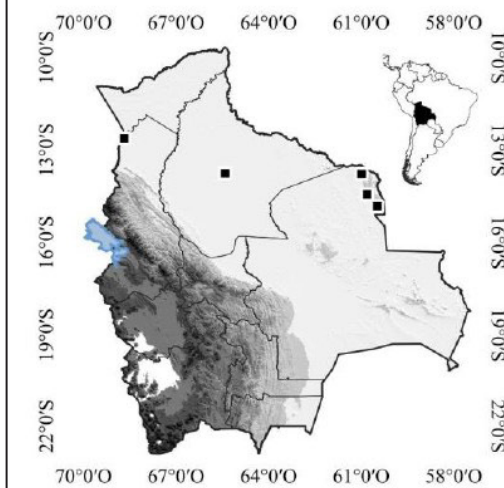
Type: MNHN-RA 8756 (Holotype).



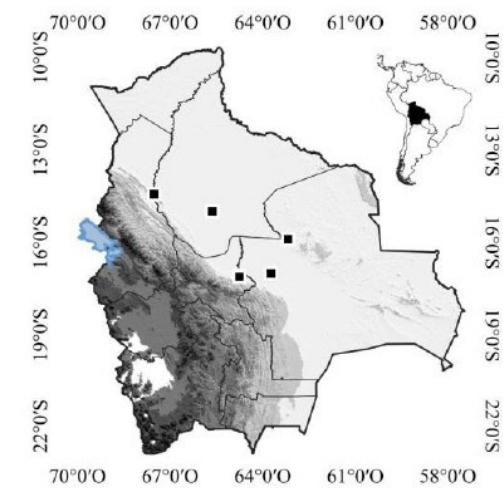
Map 7. Distribution map of *Chelus fimbriata* (Schneider, 1783) in Bolivia.



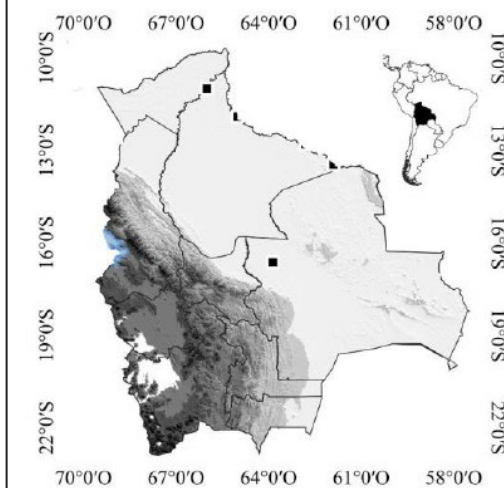
Map 10. Distribution map of *Mesoclemmys vanderhaegei* (Bour, 1973) in Bolivia.



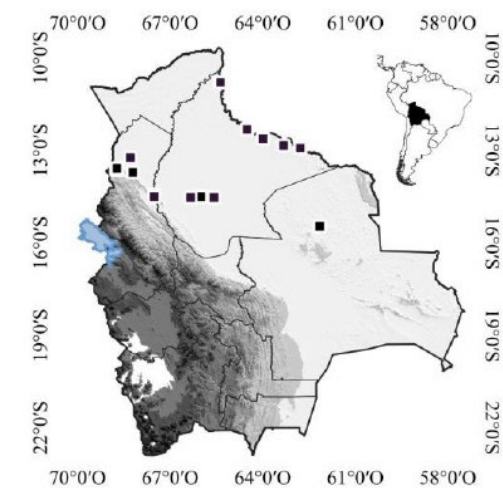
Map 8. Distribution map of *Mesoclemmys gibba* (Schweigger, 1812) in Bolivia.



Map 11. Distribution map of *Mesoclemmys wermuthi* (Mertens 1969) in Bolivia.



Map 9. Distribution map of *Mesoclemmys raniceps* (Gray, 1856) in Bolivia.



Map 12. Distribution map of *Phrynosoma geoffroanus* (Schweigger, 1812) in Bolivia.

Type locality: Patria ignota = Not known.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of Beni, La Paz, Pando and Santa Cruz. Categorized as DD (MMAYA, 2009).

Selected references: Schweigger, 1812; Duméril & Bibron, 1835; Siebenrock, 1905; Gaffney, 1977; Duellman, 1978; Gorzula & Señaris, 1999; Mccord *et al.*, 2001; Mccord & Joseph-Ouni, 2002; Lehr, 2002; Hennig, 2004; Bour & Zaher, 2005; Bonin *et al.*, 2006; Rivas *et al.*, 2012; TTWG, 2017; Domic *et al.*, 2021; TTWG, 2021; Uetz *et al.*, 2025; Domic *et al.*, (in press).

***Mesoclemmys raniceps* (Gray, 1856)**

Fig. 8 - Map. 9

Type: BMNH 1947.3.5.92 (Lectotype).

Type locality: “Brazils; Para” Pará, Brazil.

Distribution: Bolivia, Brazil, Colombia, Ecuador and Peru.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as DD (MMAYA, 2009).

Selected references: Gray, 1856; Mccord *et al.*, 2001; Mccord & Joseph-Ouni, 2002; Souza, 2004; Bour & Zaher, 2005; Bonin *et al.*, 2006; TTWG, 2011; Rivas *et al.*, 2012; TTWG, 2017; Domic *et al.*, 2021; TTWG, 2021; Rivas *et al.*, 2022; Uetz *et al.*, 2025; Domic *et al.*, (in press).

***Mesoclemmys vanderhaegei* (Bour, 1973)**

Fig. 9 - Map. 10

Type: MNHN-RA 1977.0050 (Holotype).

Type locality: “les environs d’Asunción au Paraguay”.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the department of Santa Cruz. Categorized as NT (MMAYA, 2009) and NT (IUCN, 2022).

Selected references: Bour, 1973; Alderton, 1988; TFTSG, 1996a; McCord *et al.*, 2001; Gonzales & Reichle, 2002; McCord & Joseph-Ouni, 2002; Souza, 2004; Bour & Zaher, 2005; Gonzales & Montaña, 2009a; TTWG, 2011; Vinke *et al.*, 2013; Cacciali *et al.*, 2016a; TTWG, 2017; Domic *et al.*, 2021; TTWG, 2021; Uetz *et al.*, 2025; Domic *et al.*, (in press).

***Mesoclemmys wermuthi* (Mertens, 1969)**

Map. 11

Type: SMF 66246 (Holotype).

Type locality: Iquitos, Loreto, Peru.

Distribution: Bolivia, Brazil, Colombia and Peru.

Remarks: Recorded in the departments of Beni, Cochabamba and Santa Cruz. Categorized as NE (MMAYA, 2009).

Selected references: Mertens, 1969; Bour & Pauler, 1987; TTWG, 2021; Uetz *et al.*, 2025; Domic *et al.*, (in press).

Genus *Phrynops* Wagler, 1830

***Phrynops geoffroanus* (Schweigger, 1812)**

Fig. 10 - Map. 12

Type: MNHN-RA 9417 (Holotype)

Type locality: “Brasilia” Brazil.

Distribution: Argentina, Bolivia, Brazil, Colombia, Ecuador, Paraguay, Peru and Venezuela.

Remarks: Recorded in the departments of Beni, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009).

Selected references: Schweigger, 1812; Boulenger, 1886; Boulenger, 1889; Iverson, 1992; Gorzula & Señaris, 1999; Mccord *et al.*, 2001; Bour & Zaher, 2005; Cortez, 2005; Baldo *et al.*, 2007; Cacciali *et al.*, 2016a; TTWG, 2017; Aguilar-Kirigin, 2020; Domic *et al.*, 2021; Eversole *et al.*, 2021; TTWG, 2021; Rivas *et al.*, 2022; Uetz *et al.*, 2025; Domic *et al.*, (in press).

Genus *Platemys* Wagler, 1830

***Platemys platycephala* (Schneider, 1792)**

Fig. 11 - Map. 13

Type: Lost (Holotype).

Type locality: Cayenne, French Guiana.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009).

Selected references: Schneider, 1792; Boulenger, 1889; Alderton, 1988; Gorzula & Señaris, 1999; Cortez, 2005; Moravec & Aparicio, 2005; TTWG, 2014; TTWG, 2017; Domic *et al.*, 2021; TTWG, 2021; Uetz *et al.*, 2025; Domic *et al.*, (in press).

Family Podocnemididae Cope, 1868

Genus *Podocnemis* Wagler, 1830

***Podocnemis expansa* (Schweigger, 1812)**

Fig. 12 - Map. 14

Type: Lost (Holotype), MNHN-RA 7997 (Lectotype), MNHN-RA 7893 and MNHN-RA



Figure 9. *Mesoclemmys vanderhaegei* from Serranía de Robore, department of Santa Cruz. Photo: Steffen Reichle.



Figure 10. *Phrynops Geoffroyanus* from Chalalán, department of La Paz. Photo: Ignacio De la Riva.



Figure 11. *Platymys platycephala* from Cuzco Amazónico, Madre de Dios / Peru. Photo: Ignacio De la Riva.



Figure 12. *Podocnemis expansa* from arroyo Negro, TIPNIS, department of Beni. Photo: Luis Rolando Rivas.



Figure 13. *Podocnemis unifilis* from Santa Ana de Yacuma, department of Beni. Photo: Steffen Reichle.



Figure 14. *Caiman latirostris* in captivity (Piriápolis, Uruguay). Photo: Ignacio De la Riva.



Figure 15. *Caiman yacare* from Otuquis, department of Santa Cruz. Photo: Steffen Reichle.

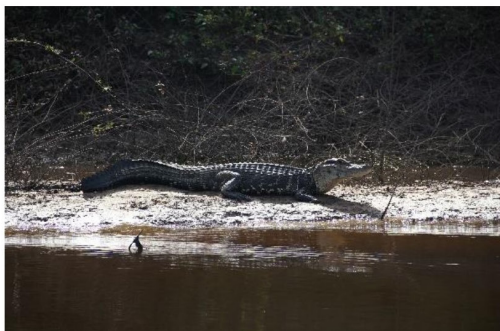
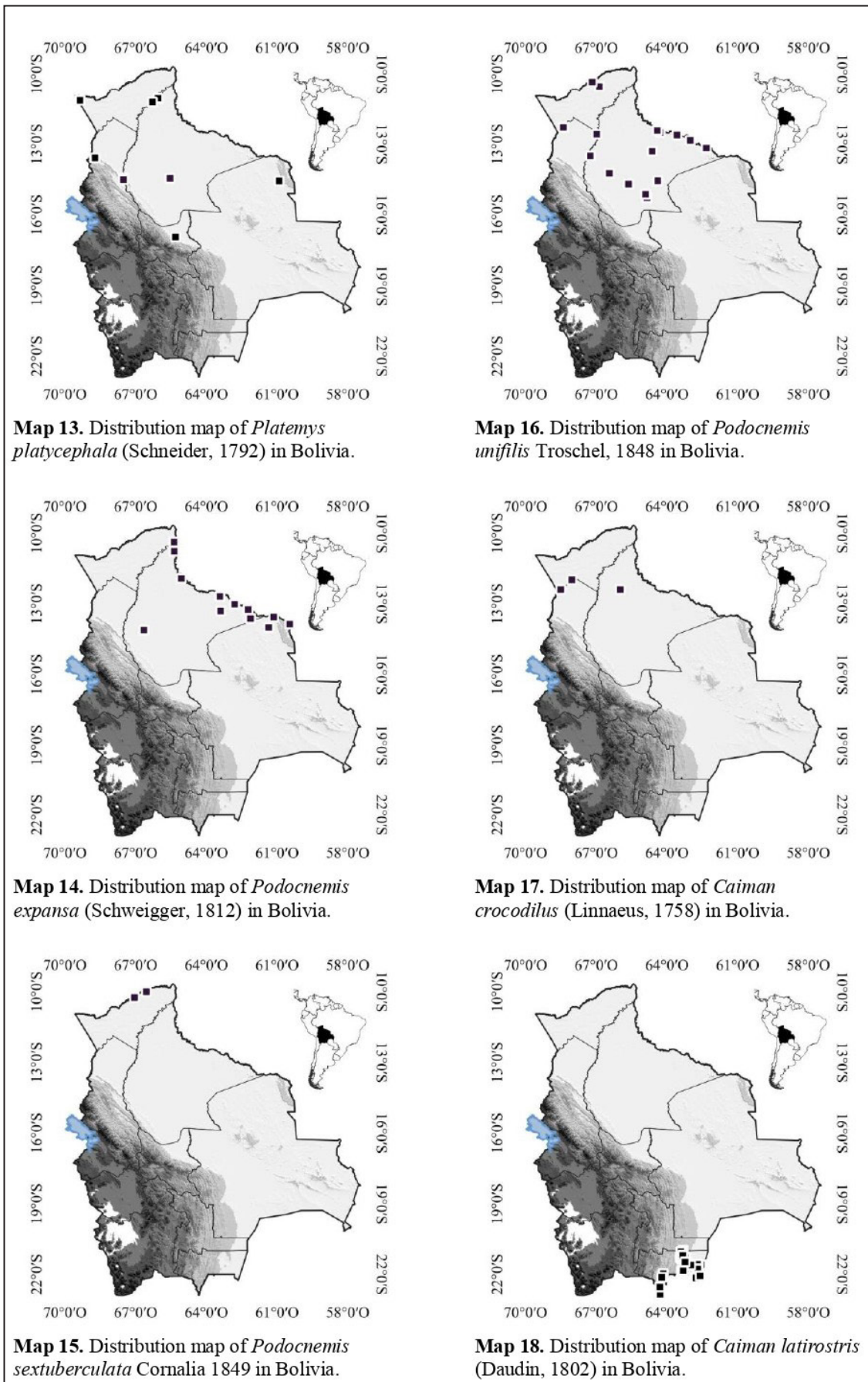


Figure 16. *Melanosuchus niger* from Bella Vista, department of Beni. Photo: Oliver Quinteros-Muñoz.



8359 (Paralectotypes).

Type locality: French Guiana.

Distribution: Bolivia, Brazil, Colombia, Ecuador, Guyana, Peru and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as EN (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Schweigger, 1812; Duméril & Bibron, 1835; Frair *et al.*, 1978; TFTSG, 1996d; Gorzula & Señaris, 1999; Acebey *et al.*, 2009a; TTWG, 2014; TTWG, 2017; Domic *et al.*, 2021; Fagundes *et al.*, 2021; TTWG, 2021; Rivas *et al.*, 2022; Uetz *et al.*, 2025; Domic *et al.*, (in press).

***Podocnemis sextuberculata* Cornalia, 1849**

Map. 15

Type: Lost (Holotype).

Type locality: Amazon River, South America.

Distribution: Bolivia, Brazil, Colombia and Peru.

Remarks: Recorded in the department of Pando. Categorized as NE (MMAYA, 2009) and VU (IUCN, 2022).

Selected references: Alderton, 1988; TFTSG, 1996e; Lehr, 2002; TTWG, 2014; Domic *et al.*, 2021; TTWG, 2021; Uetz *et al.*, 2025; Domic *et al.*, (in press).

***Podocnemis unifilis* Troschel, 1848**

Fig. 13 - Map. 16

Type: Lost (Holotype).

Type locality: “Britisch-Guiana, Rupununi und Takutu” Guyana.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as VU (MMAYA, 2009) and VU (IUCN, 2022).

Selected references: Troschel, 1848; Siebenrock, 1902; Frair *et al.*, 1978; Kahl *et al.*, 1980; TFTSG, 1996c; Gorzula & Señaris, 1999; Padial *et al.*, 2003; Moravec & Aparicio, 2004; Acebey *et al.*, 2009b; Emmons, 2016; TTWG, 2017; Aguilar-Kirigin, 2020; Domic *et al.*, 2021; Fagundes *et al.*, 2021; TTWG, 2021; Rivas *et al.*, 2022; Uetz *et al.*, 2025; Domic *et al.*, (in press).

Order Crocodylia Gmelin, 1789

Family Alligatoridae Gray, 1844

Genus *Caiman* Spix, 1825

***Caiman crocodilus* (Linnaeus, 1758)**

Map. 17

Type: UUZM (= ZMUU) (2) (Lectotype).

Type locality: “Restricted to Guyana”.

Distribution: Bolivia, Brazil, Colombia, Costa Rica, Ecuador, El Salvador, French Guiana, Guatemala, Guyana, Honduras, Mexico, Nicaragua, Panama, Peru, Suriname, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of Beni, La Paz, Pando and Santa Cruz. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Gorzula & Señaris, 1999; Lehr, 2002; Embert, 2008; Balaguera & Velasco, 2019; Ortiz *et al.*, 2019; Uetz *et al.*, 2025.

***Caiman latirostris* (Daudin, 1802)**

Fig. 14 - Map. 18

Type: MNHN-RA 7769 (Holotype).

Type locality: Joinville, Santa Catarina, Brazil.

Distribution: Argentina, Bolivia, Brazil, Paraguay and Uruguay.

Remarks: Recorded in the department of Tarija. In the IUCN Red List, this species is listed as Least Concern (LC). Categorized as EN (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Boulenger, 1886; Waller, 1987; Cei, 1993; Nickel & Auliya, 2004; Carreira *et al.*, 2005; Aparicio *et al.*, 2009; Verdade *et al.*, 2010; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Rodriguez-Cordero *et al.*, 2019; Uetz *et al.*, 2025.

***Caiman yacare* (Daudin, 1802)**

Fig. 15 - Map. 19

Type: Lost (Holotype).

Type locality: Paraguay.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Beni, Cochabamba, Chuquisaca, La Paz, Pando, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Cei, 1993; Norman, 1994; Nickel & Auliya, 2004; Cortez, 2005; Campos *et al.*, 2010; Montaña, 2013; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Rodriguez-Cordero *et al.*, 2019; Aguilar-Kirigin, 2020; Eversole *et al.*, 2021; De la Quintana *et al.*, 2022; Ríos, 2022; Rivas *et al.*, 2022; Uetz *et al.*, 2025.

Genus *Melanosuchus* Spix, 1825

***Melanosuchus niger* (Spix, 1825)**

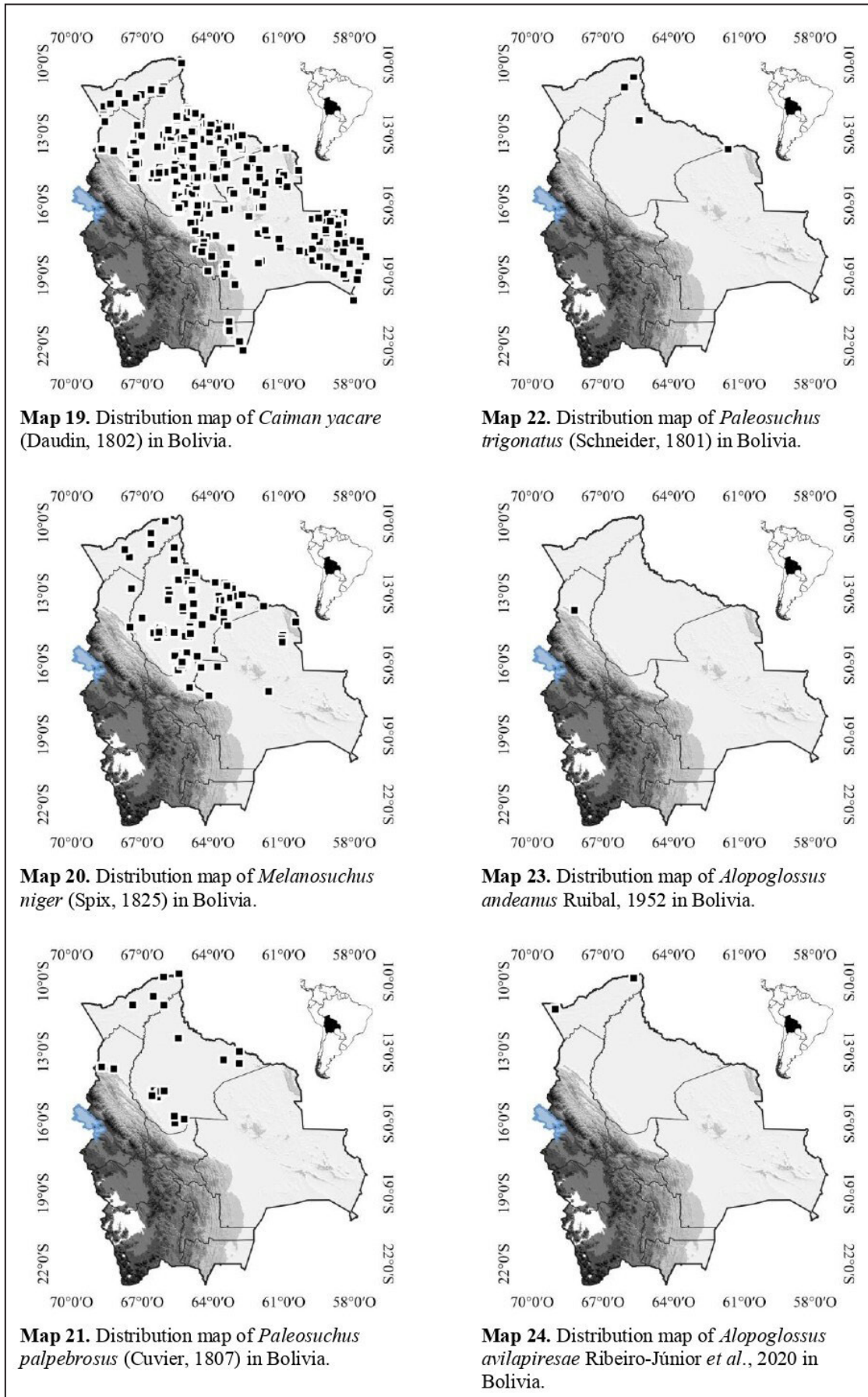


Fig. 16 - Map. 20

Type: ZSM 2480,0 (Lectotype)

Type locality: "Fluminis Amazonium et Solimoens", Brazil.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana and Peru.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as VU (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Spix, 1825; King & Burke, 1989; Poe, 1996; Ross, 2000; Zug *et al.*, 2001; Padial *et al.*, 2003; Llobet *et al.*, 2009; Thorbjarnarson, 2010; Morato *et al.*, 2014; Rodríguez-Cordero *et al.*, 2019; Aguilar-Kirigin 2020; De la Quintana *et al.*, 2022; Ríos Ríos 2022; Uetz *et al.*, 2025.

Genus *Paleosuchus* Gray, 1862

***Paleosuchus palpebrosus* (Cuvier, 1807)**

Fig. 17 - Map. 21

Type: MNHN-RA 7530 (Holotype)

Type locality: "Cayenne" French Guiana.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Suriname, Trinidad and Tobago and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Cuvier, 1807; Duméril & Bibron, 1836; Brühl, 1874; Gorzula & Señaris, 1999; Moravec & Aparicio, 2004; Cortez, 2005; Méndez *et al.*, 2009; Cacciali *et al.*, 2016a; Campos *et al.*, 2018; Magnusson *et al.*, 2019; Rodríguez-Cordero *et al.*, 2019; Uetz *et al.*, 2025.

***Paleosuchus trigonatus* (Schneider, 1801)**

Fig. 18 - Map. 22

Type: ZMB 243 (Lectotype), ZFMK 52352 (Paralectotype)

Type locality: Not known.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, Pando and Santa Cruz. Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Schneider, 1801; Duellman, 1978; Gorzula & Señaris, 1999; Lehr, 2002; Padial *et al.*, 2003; Méndez & Cortez, 2009; Campos *et al.*, 2019a; Campos *et al.*, 2019b; Rodríguez-Cordero *et al.*, 2019; Uetz *et al.*, 2025.

Order Squamata Oppel, 1811

Sauria Gauthier, 1984

Family Alopoglossidae Goicoechea *et al.*, 2016

Genus *Alopoglossus* Boulenger, 1885

***Alopoglossus andeanus* Ruibal, 1952**

Map. 23

Type: MCZ 45590 (Holotype).

Type locality: La Pampa, Dpto. Puno, Peru.

Distribution: Bolivia and Peru.

Remarks: Recorded in the department of La Paz. Categorized as NE (MMAYA, 2009).

Selected references: Ruibal, 1952; Cortez, 2005; Langstroth, 2005; Ribeiro-Júnior *et al.*, 2020; Uetz *et al.*, 2025.

***Alopoglossus avilapiresae* Ribeiro-Júnior, Choueri, Lobos, Venegas, Torres-Carvajal & Werneck, 2020**

Map. 24

Type: INPA-H 9515 (Holotype).

Type locality: Amanã, Baré, Maraã municipality, State of Amazonas, Brazil.

Distribution: Bolivia, Brazil, Colombia and Peru.

Remarks: Recorded in the department of Pando. Categorized as NE (MMAYA, 2009).

Selected references: Langstroth, 2005; Ribeiro-Júnior *et al.*, 2020.

***Alopoglossus brevifrontalis* (Boulenger, 1912)**

Map. 25

Type: BMNH 1946.8.31.63 (Holotype).

Type locality: El Topo, Río Pastaza, Ecuador.

Distribution: Bolivia, Brazil, Colombia, Ecuador, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni and Cochabamba. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Boulenger, 1912; Peters & Donoso-Barros, 1970; Duellman, 1978; Harris, 1994; Dirksen & De la Riva, 1999; Lehr, 2002; Ribeiro-Júnior & Amaral, 2016b; Calderón *et al.*, 2019b; Hernández-Morales *et al.*, 2020; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

Family Amphisbaenidae Gray, 1865

Genus *Amphisbaena* Linnaeus, 1758

***Amphisbaena alba* Linnaeus, 1758**

Fig. 19 - Map. 26

Type: NRM (Syntypes)

Type locality: "America".

Distribution: Bolivia, Brazil, Colombia, Guianas, Panama, Paraguay, Peru, Trinidad and Tobago, and



Figure 17. *Paleosuchus palpebrosus* in captivity (Topeka Zoo, Kansas / USA). Photo: Ignacio De la Riva.



Figure 21. *Amphisbaena bassleri* from Puerto Almacén, department of Santa Cruz. Photo: Ignacio De la Riva.



Figure 18. *Paleosuchus trigonatus* from Quince Mil, Cuzco / Peru. Photo: Ignacio De la Riva.



Figure 22. *Amphisbaena borelli* from Kaa-Iya, department of Santa Cruz. Photo: Steffen Reichle.



Figure 19. *Amphisbaena alba* from Santiago de Chiquitos, department of Santa Cruz. Photo: Steffen Reichle.



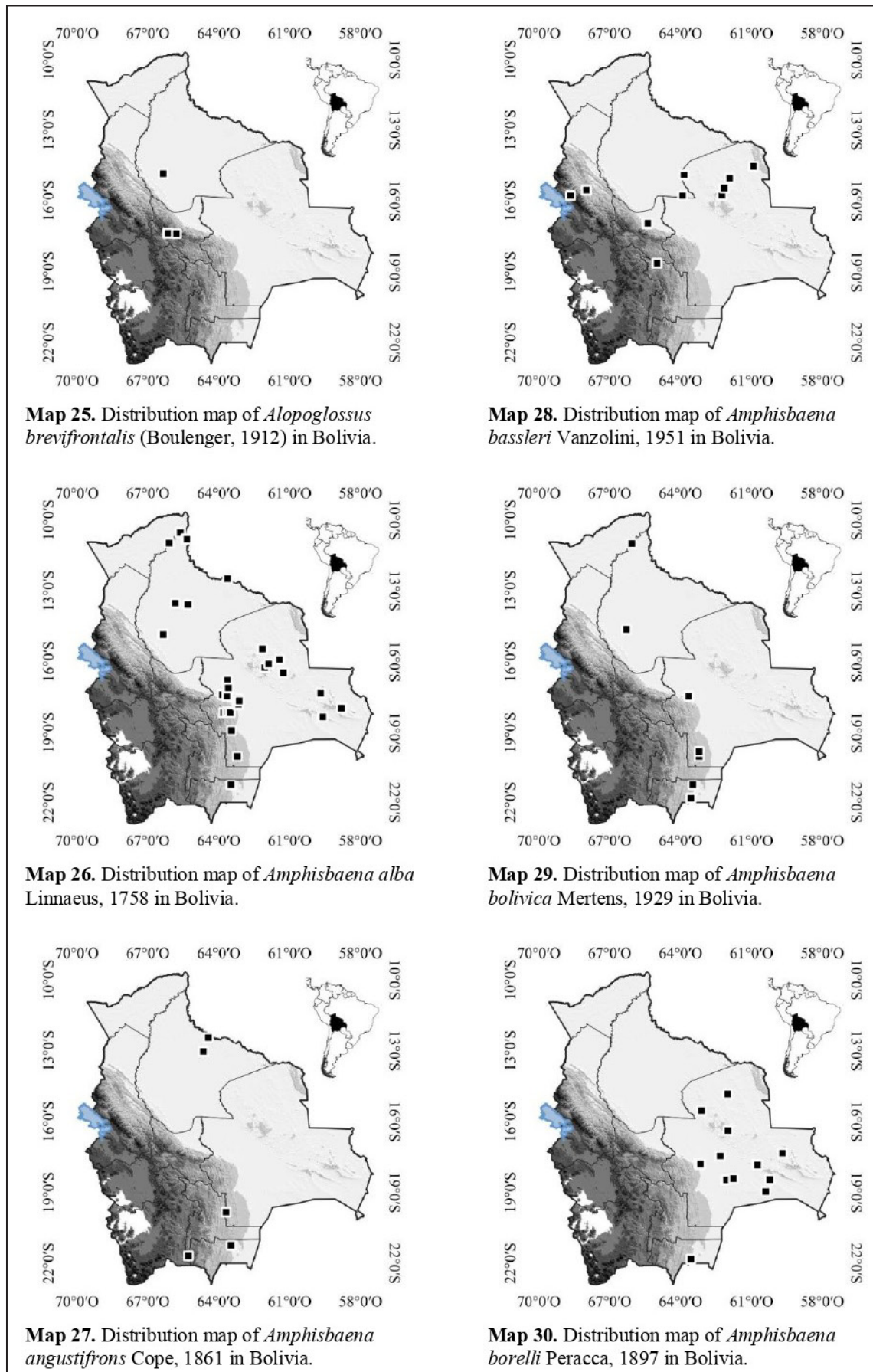
Figure 23. *Amphisbaena camura* from Santa Cruz de la Sierra, department of Santa Cruz. Photo: Lucindo Gonzales.



Figure 20. *Amphisbaena angustifrons* from Incahuasi, department of Santa Cruz. Photo: Lucindo Gonzales.



Figure 24. *Amphisbaena cegei* from Pampa Grande, department of Santa Cruz. Photo: Lucindo Gonzales.



Venezuela.

Remarks: Recorded in the departments of Beni, La Paz, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Duméril & Bibron, 1839; Gray, 1865; Griffin, 1917; Procter, 1921; Starace, 1998; Dirksen & De la Riva, 1999; Gans, 2005; Montaña, 2013; Cacciali *et al.*, 2016a; Ibáñez *et al.*, 2019a; Rivas *et al.*, 2022; Uetz *et al.*, 2025.

***Amphisbaena angustifrons* Cope, 1861**

Fig. 20 - Map. 27

Type: ANSP 9690 (Holotype).

Type locality: Buenos Aires, Argentina.

Distribution: Argentina and Bolivia.

Remarks: Recorded in the departments of Beni, Cochabamba and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Hellmich, 1960; Ceí, 1993; Dirksen & De la Riva, 1999; Gans, 2005; Cacciali *et al.*, 2016a; Montero 2016; Uetz *et al.*, 2025.

***Amphisbaena bassleri* Vanzolini, 1951**

Fig. 21 - Map. 28

Type: AMNH 56606 (Holotype).

Type locality: Roaboya, Loreto, Peru.

Distribution: Bolivia and Peru.

Remarks: Recorded in the departments of Chuquisaca, Cochabamba, La Paz and Santa Cruz. Categorized as NE (MMAYA, 2009).

Selected references: Boettger, 1891; Vanzolini, 1951; Rhodes, 1963; Gans, 1967b; De la Riva, 1993; Montero *et al.*, 1995; Scrocchi & Gonzales, 1996a; Dirksen & De la Riva, 1999; Gans, 2005; Ribeiro *et al.*, 2008; Avila *et al.*, 2013; Montaña 2013; Torres-Carvajal *et al.*, 2019; Quinteros-Muñoz *et al.*, 2023.

***Amphisbaena bolivica* Mertens, 1929**

Map. 29

Type: SMF 22099 (Holotype), SMF 28105 (Paratype).

Type locality: Villa Montes, Río Pilcomayo, Bolivia.

Distribution: Argentina, Bolivia and Paraguay.

Remarks: Recorded in the departments of Beni, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Mertens, 1929; Gans, 1965; Montero, 1996; Dirksen & De la Riva, 1999; Gans, 2005; Arzamendia *et al.*, 2016a; Cacciali *et al.*, 2016a; Uetz *et al.*, 2025.

***Amphisbaena borelli* Peracca, 1897**

Fig. 22 - Map. 30

Type: MRSN R2096, BMNH 98.7.7.13-RR1946.8.2.23, MRSN 2043 (Syntypes).

Type locality: “Caiza (Chaco boliviano)”.

Distribution: Argentina, Bolivia and Paraguay.

Remarks: Recorded in the departments of Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Gans, 1964b; Gallardo, 1969; Vanzolini, 1992; Montero *et al.*, 1995; Gonzales, 1998; Dirksen & De la Riva, 1999; Gans, 2005; Mott & Vieites, 2009; Avila *et al.*, 2010; Avila *et al.*, 2013; Aguayo *et al.*, 2016c; Uetz *et al.*, 2025.

***Amphisbaena camura* Cope, 1862**

Fig. 23 - Map. 31

Type: USNM 5860 (Syntypes).

Type locality: Paraguay.

Distribution: Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Beni, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Werner, 1910; Gans, 1960; Hellmich, 1960; Gans, 1965; Ceí, 1993; Lavilla *et al.*, 1996; Montero, 1996; Dirksen & De la Riva, 1999; Gans, 2005; Montaña, 2013; Cacciali *et al.*, 2016a; Scott *et al.*, 2016a; Uetz *et al.*, 2025.

***Amphisbaena cegei* Montero, Sáfadez, & Álvarez, 1997**

Fig. 24 - Map. 32

Type: MNK R 580 (Holotype).

Type locality: Pampa Grande, Province of Florida, Department of Santa Cruz, Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in the departments of Potosí, Santa Cruz and Tarija. Categorized as VU (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Montero *et al.*, 1997; Dirksen & De la Riva, 1999; Gans, 2005; Börschig, 2007; Gonzales & Muñoz, 2009; Mendoza, 2010; Montaña, 2013; Gonzales *et al.*, 2016; Montero *et al.*, 2017; Uetz *et al.*, 2025.

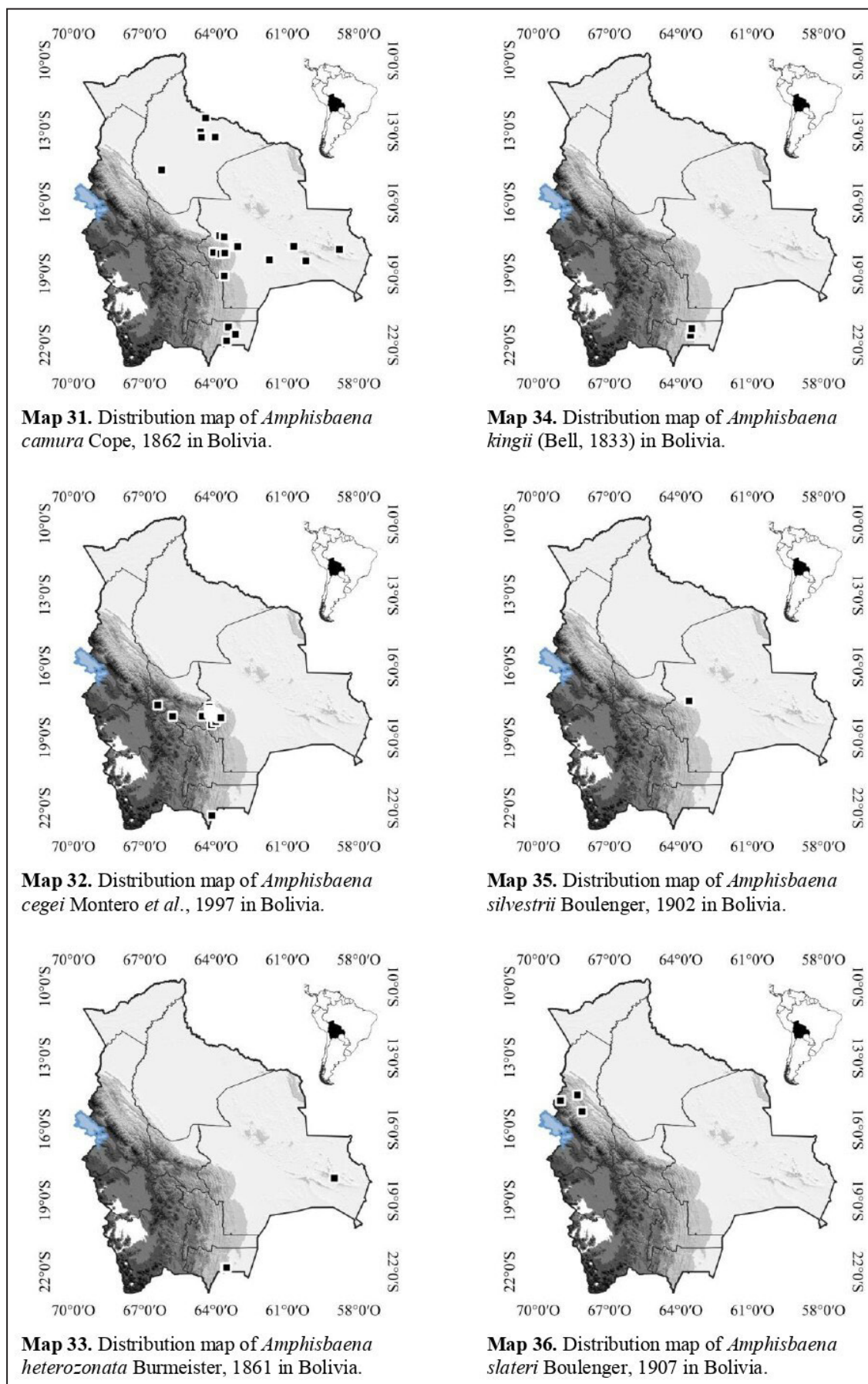
***Amphisbaena heterozonata* Burmeister, 1861**

Map. 33

Type: MNHN-RA 3107 (Holotype)

Type locality: Argentina.

Distribution: Argentina, Bolivia and Paraguay.



Remarks: Recorded in the departments of Tarija and Santa Cruz. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Burmeister, 1861; Gans, 1966; Peters & Donoso-Barros, 1970; Dirksen & De la Riva, 1999; Vanzolini, 2002; Gans, 2005; Bérnills *et al.*, 2007; Pinna *et al.*, 2010; Teixeira *et al.*, 2014; Arzamendia *et al.*, 2016b; Cacciali *et al.*, 2016a; Costa *et al.*, 2018.

***Amphisbaena kingii* (Bell, 1833)**

Map. 34

Type: Lost (Holotype), MNHN-RA 551 (Syntypes).

Type locality: “America Australi”.

Distribution: Argentina, Bolivia, Brazil, and Uruguay.

Remarks: Recorded in the department of Tarija. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Bell, 1833; Duméril & Bibron, 1839; Gray, 1865; Boulenger, 1886; Stejneger, 1916; Gans, 2005; Gonzales & Sosa, 2005; Mott & Vieites, 2009; Avila *et al.*, 2010; Avila *et al.*, 2013; Montero 2019a; Uetz *et al.*, 2025.

***Amphisbaena silvestrii* Boulenger, 1902**

Map. 35

Type: MSNG 28308 (Holotype).

Type locality: Mato Grosso, Cuyaba, Brazil.

Distribution: Bolivia and Brazil.

Remarks: Recorded in the department of Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Gans, 1964a; Dirksen & De la Riva, 1999; Gans, 2005; Teixeira *et al.*, 2014; Strüssmann *et al.*, 2019; Uetz *et al.*, 2025.

***Amphisbaena slateri* Boulenger, 1907**

Map. 36

Type: BMNH RR 1946.8.31.82 (Holotype).

Type locality: Puno, Valley of the Rio San Gaban, Peru.

Distribution: Bolivia and Peru.

Remarks: Recorded in the department of La Paz. Categorized as DD (MMAYA, 2009) and DD (IUCN, 2022).

Selected references: Boulenger, 1907; Gans, 1967a; Dirksen & De la Riva, 1999; Gans, 2005; Aguayo *et al.*, 2020a; Uetz *et al.*, 2025.

***Amphisbaena steindachneri* Strauch, 1881**

Fig. 25 - Map. 37

Type: NMW 12343 (Lectotype), NMW 12342 (Lectoparatypes:).

Type locality: “Brasilien (Caigara; Mattogrosso)” Brazil.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the department of Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Strauch, 1881; De la Riva, 1993; Harvey, 1995; Dirksen & De la Riva, 1999; Gans, 2005; Mott & Vieites, 2009; Cacciali *et al.*, 2016a; Aparicio *et al.*, 2019a; Uetz *et al.*, 2025.

***Amphisbaena vermicularis* Wagler, 1824**

Map. 38

Type: CAS 49423 (Holotype), ZSM 660/0 (Lectotype).

Type locality: “In provincia Bahiae, aux environs de la ville de Bahia” Brazil.

Distribution: Bolivia and Brazil.

Remarks: Recorded in the departments of Santa Cruz and Tarija. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Wagler, 1824; Duméril & Bibron, 1839; Gray, 1865; Hellmich, 1960; Dirksen & De la Riva, 1999; Gans 2005; Nogueira & Strüssmann, 2019; Uetz *et al.*, 2025.

Genus *Leposternon* Wagler, 1824

***Leposternon microcephalum* Wagler, 1824**

Fig. 26 - Map. 39

Type: ZSM 3150/0 (Holotype).

Type locality: Rio de Janeiro, Brazil.

Distribution: Argentina, Bolivia, Brazil, Paraguay and Uruguay.

Remarks: Recorded in the departments of Cochabamba, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Wagler, 1824; Duméril & Bibron, 1839; Gray, 1865; Griffin, 1917; Fugler, 1989; Lavilla *et al.*, 1996; Dirksen & De la Riva, 1999; Gans, 2005; Pérez & Ribeiro, 2008; Mott & Vieites, 2009; Avila *et al.*, 2010; Avila *et al.*, 2013; Cacciali *et al.*, 2016a; Montero, 2019b; Uetz *et al.*, 2025.

Family Diploglossidae Bocourt, 1873

Genus *Diploglossus* Wiegmann, 1834

***Diploglossus fasciatus* (Gray, 1831)**

Fig. 27 - Map. 40

Type: BMNH XV.126a and XV.126b (Syntypes).



Figure 25. *Amphisbaena steindachneri* from Puerto Almacén, department of Santa Cruz. Photo: Ignacio De la Riva.



Figure 26. *Leposternon microcephalum* from Santa Cruz de la Sierra, department of Santa Cruz. Photo: Ignacio De la Riva.



Figure 27. *Diploglossus fasciatus* near to Tumupasa, department of La Paz. Photo: Steffen Reichle.



Figure 28. *Ophiodes intermedius* from Vallegrande a La Higuera, department of Santa Cruz. Photo: Steffen Reichle.



Figure 29. *Hemidactylus mabouia* from Villa Tunari, department of Cochabamba. Photo: Pedro Gómez-Murillo.



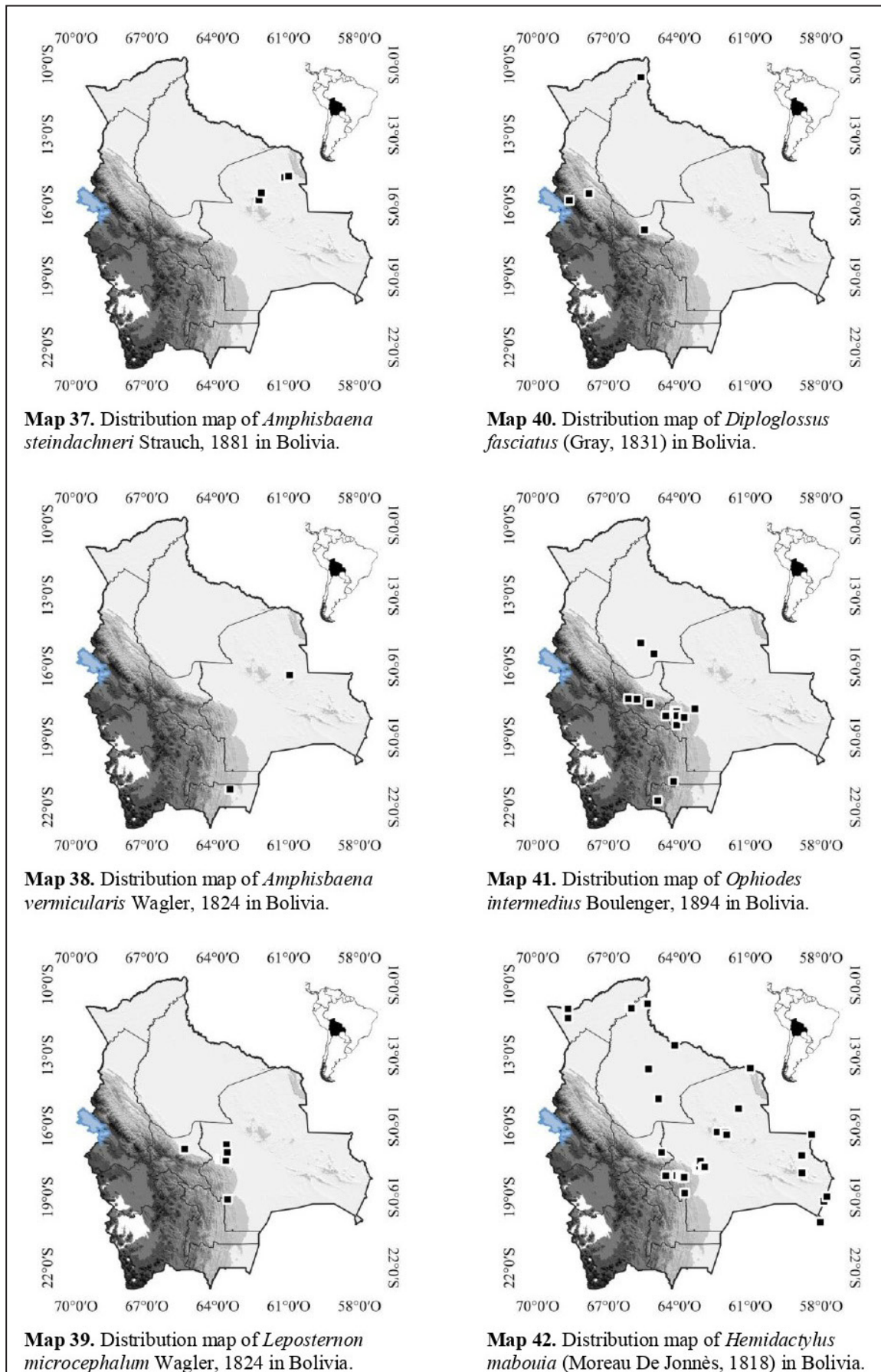
Figure 30. *Lygodactylus wetzeli* from El Ceibo / Paraguay. Photo: Octavio Jiménez-Robles.



Figure 31. *Homonota septentrionalis* from Tatarenda, department of Santa Cruz. Photo: Lucindo Gonzales.



Figure 32. *Phyllopezus pollicaris* from Velasco, department of Santa Cruz. Photo: Lucindo Gonzales.



Type locality: Not known.

Distribution: Bolivia, Brazil and Peru.

Remarks: Recorded in the departments of Beni, Cochabamba and La Paz. Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Gray, 1831; Reuss, 1834; Boettger, 1891; Barbour, 1909; Dirksen & De la Riva, 1999; Pianka & Vitt, 2003; Muñoz, 2009b; Domic *et al.*, 2015; Aparicio *et al.*, 2019b; Uetz *et al.*, 2025.

Genus *Ophiodes* Wagler, 1828

***Ophiodes intermedius* Boulenger, 1894**

Fig. 28 - Map. 41

Type: ZFMK 26407, BMNH 1946.8.31.1-4 (Syntypes).

Type locality: Near Asunción, Paraguay.

Distribution: Argentina, Bolivia, Paraguay and Uruguay.

Remarks: Recorded in the departments of Beni, Cochabamba, Chuquisaca, Santa Cruz and Tarija. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Werner, 1910; Peters & Donoso-Barros, 1970; Fugler, 1989; Dirksen *et al.*, 1995; Montero *et al.*, 1995; Dirksen & De la Riva, 1999; Mendoza, 2010; Colina *et al.*, 2012; Avila *et al.*, 2013; Montaña, 2013; Arzamendia *et al.*, 2016c; Entiasupe-Neto *et al.*, 2017; Rivas *et al.*, 2022; Uetz *et al.*, 2025.

Family Gekkonidae Oppel, 1811

Genus *Hemidactylus* Oken, 1817

***Hemidactylus mabouia* (Moreau De Jonnés, 1818)**

Fig. 29 - Map. 42

Type: MNHN-RA 6573 (Lectotype)

Type locality: “Insel St. Vincent, Kleine Antillen”.

Distribution: Originally from Africa. Introduced in South America: Argentina, Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Suriname, Uruguay and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Moreau De Jonnés, 1818; Kluge, 1969; Peters & Donoso-Barros, 1970; Fugler, 1984; Fugler, 1988d; Cei, 1993; Glaw & Vences, 1994; Dirksen, 1995; Lavilla *et al.*, 1996; Scrocchi & Gonzales, 1996a; Dirksen & De la Riva, 1999; Carreira *et al.*, 2005; Wilson, 2011; Montaña, 2013; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017;

Spawls *et al.*, 2018; Marques *et al.*, 2018; Gómez-Murillo & Arellano-Martín, 2020; Howell *et al.*, 2021; Rivas *et al.*, 2022; Uetz *et al.*, 2025.

Genus *Lygodactylus* Gray, 1864

***Lygodactylus wetzeli* (Smith, Martin & Swain, 1977)**

Fig. 30 - Map. 43

Type: MZUSP 7722 (Holotype).

Type locality: Mato Grosso do Sul, Urucum, Brazil.

Distribution: Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Chuquisaca, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Smith *et al.*, 1977; Bons & Pasteur, 1977; Fugler, 1989; Norman, 1994; Gonzales, 1998; Dirksen & De la Riva, 1999; Rösler, 2000; Montaña, 2013; Cacciali *et al.*, 2016a; Cacciali & Scott, 2019c; Uetz *et al.*, 2025.

Family Phyllodactylidae Gamble, Bauer, Greenbaum & Jackman, 2008

Genus *Homonota* Gray, 1845

***Homonota dorbignyi* (Duméril & Bibron, 1836)**

Map. 44

Type: MNHN-RA 2327 (Holotype).

Type locality: Dep. Chuquisaca, Bolivia.

Distribution: Bolivia and Chile.

Remarks: Recorded in the department of Chuquisaca. Categorized as DD (MMAYA, 2009).

Selected references: Duméril & Bibron, 1836; Duméril & Duméril, 1851; Kluge, 1964; Donoso-Barros, 1966; Dirksen & De la Riva, 1999; Rösler, 2000; Langstroth, 2005.

***Homonota septentrionalis* Cacciali, Morando, Medina, Köhler, Motte & Avila, 2017**

Fig. 31 - Map. 45

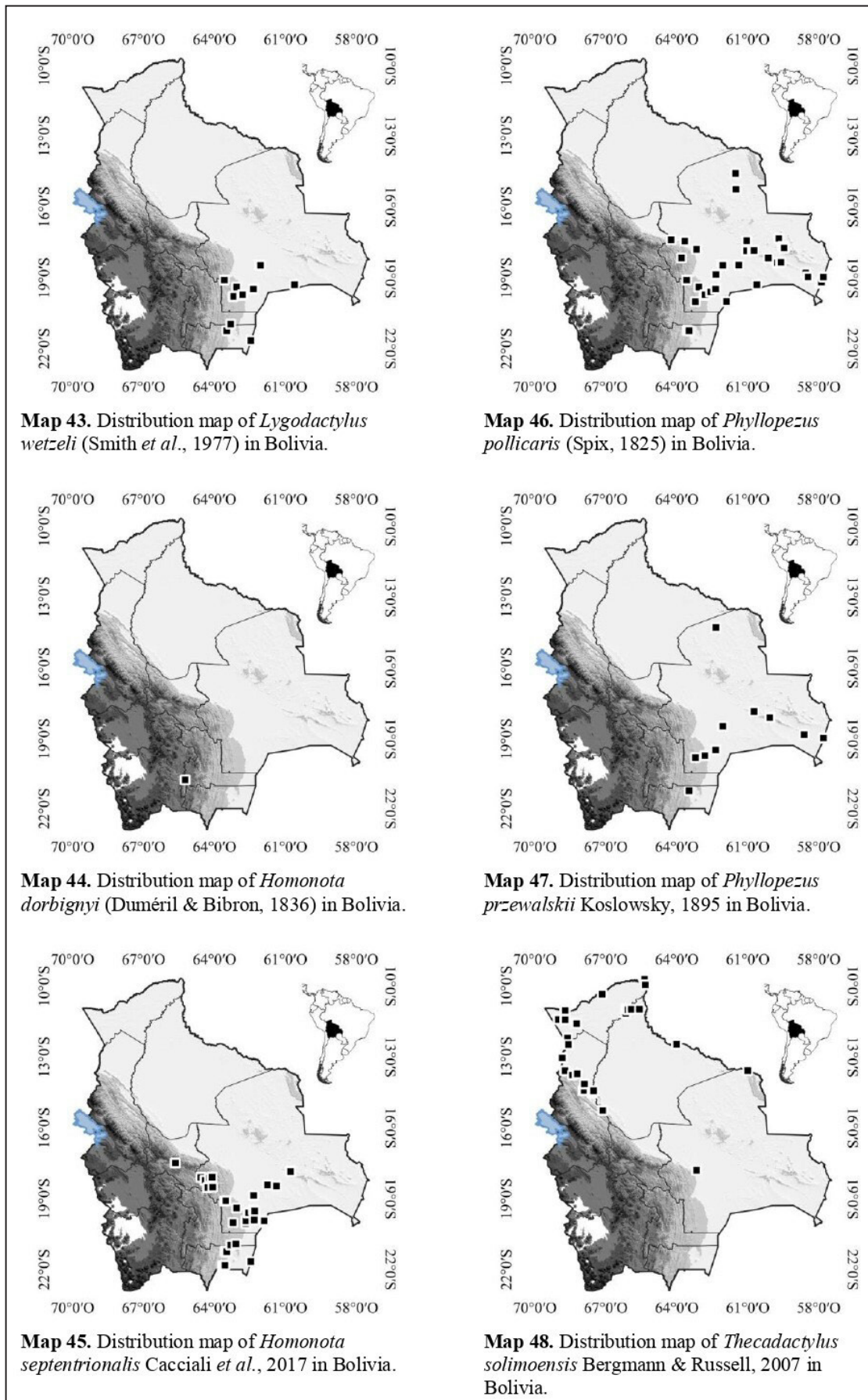
Type: MNHNP 12238 (Holotype).

Type locality: Fortín Mayor Infante Rivarola, Boquerón Department, Paraguay.

Distribution: Bolivia and Paraguay.

Remarks: Recorded in the departments of Cochabamba, Chuquisaca, Potosí, Santa Cruz and Tarija. Categorized as NE (MMAYA, 2009).

Selected references: Mertens, 1929; Hellmich, 1960; Peters & Donoso-Barros, 1970; Montero *et al.*, 1995; Lavilla *et al.*, 1996; Gonzales, 1998; Dirksen & De la Riva, 1999; Ávila *et al.*, 2000; Mendoza, 2010; Montaña, 2013; Cacciali *et al.*, 2016a; Cacciali *et al.*, 2017a; Uetz *et al.*, 2025.



Genus *Phyllopezus* Peters, 1877

***Phyllopezus pollicaris* (Spix, 1825)**

Fig. 32 - Map. 46

Type: ZSM 165/0/1-2 (Paralectotypes).

Type locality: Bahia interior.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Spix, 1825; Griffin, 1917; Gans, 1960; Hellmich, 1960; Peters & Donoso-Barros, 1970; Rodrigues, 1986; Dirksen, 1995; Lavilla *et al.*, 1996; Gonzales, 1998; Dirksen & De la Riva, 1999; Padial *et al.*, 2003; Bauer, 2013; Montaña, 2013; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Cacciali *et al.*, 2018; Cacciali *et al.*, 2019c; Uetz *et al.*, 2025.

***Phyllopezus przewalskii* Koslowsky, 1895**

Fig. 33 - Map. 47

Type: MLP S2419 (Holotype)

Type locality: Descalvado, Distrito Cáceres, Mato Grosso, Brazil.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Santa Cruz and Tarija. Categorized as NE (MMAYA, 2009).

Selected references: Koslowsky, 1895; Griffin, 1917; Gallardo, 1966; Peters & Donoso-Barros, 1970; Gallardo, 1972; Dirksen & De la Riva, 1999; Costa & Bérnils, 2015; Cacciali *et al.*, 2018; Uetz *et al.*, 2025.

Genus *Thecadactylus* Goldfuss, 1820

***Thecadactylus solimoensis* Bergmann & Russell, 2007**

Fig. 34 - Map. 48

Type: QCAZ 6691 (Holotype)

Type locality: Reserva Faunistica Cuyabeno, Sucumbios, Ecuador.

Distribution: Bolivia, Brazil, Colombia, Ecuador and Peru.

Remarks: Recorded in the departments of Beni, La Paz, Pando and Santa Cruz. In the IUCN Red List, this species is listed as Least Concern (LC). Categorized as NE (MMAYA, 2009).

Selected references: Schmidt & Inger, 1951; Fugler, 1983; Fugler, 1984; Dirksen & De la Riva, 1999; Cortez, 2005; Bergmann & Russell, 2007; Avila-Pires *et al.*, 2019b; Uetz *et al.*, 2025.

Family Sphaerodactylidae Underwood, 1954

Genus *Chatogekko* Gamble, Daza, Colli, Vitt & Bauer, 2011

***Chatogekko amazonicus* (Andersson, 1918)**

Type: NRM 3254 (Holotype)

Type locality: Amazonas, Manaos, Lago Poraquecuare, Brazil.

Distribution: Bolivia, Brazil, French Guiana, Guyana, Suriname and Venezuela.

Remarks: Recorded in the department of Pando. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Andersson, 1918; Vanzolini, 1957; Rösler, 1995; Avila-Pires & Hoogmoed, 2000; Pianka & Vitt, 2003; Langstroth, 2005; Gamble *et al.*, 2011; Ribeiro-Júnior, 2015a; Hoogmoed & Ouboter, 2019a; Uetz *et al.*, 2025.

Genus *Gonatodes* Fitzinger, 1843

***Gonatodes hasemani* Griffin, 1917**

Map. 49

Type: CM 1040 (Holotype).

Type locality: Villa Bella, Rio Beni, Bolivia.

Distribution: Bolivia, Brazil and Peru.

Remarks: Recorded in the departments of Beni, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Griffin, 1917; Vanzolini, 1953; Fugler, 1983; Avila-Pires, 1995; Dirksen & De la Riva, 1999; Pianka & Vitt, 2003; Moravec & Aparicio, 2005; Pérez *et al.*, 2019; Uetz *et al.*, 2025.

***Gonatodes humeralis* (Guichenot, 1855)**

Fig. 35 - Map. 50

Type: Lost (Holotype).

Type locality: “Pebas” Peru.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru and Venezuela.

Remarks: Recorded in the departments of Beni, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Guichenot, 1855; Griffin, 1917; Schmidt & Inger, 1951; Fugler, 1983; Avila-Pires, 1995; Montero *et al.*, 1995; Harvey *et al.*, 1998; Dirksen & De la Riva, 1999; Gorzula & Señaris, 1999; Lehr, 2002; Moravec & Aparicio, 2004; Cortez, 2005; Moravec & Aparicio, 2005; Li Vigni, 2013; Pinto-Viveros *et al.*, 2017; Pinto *et al.*, 2018; Calderón *et al.*, 2019e; Uetz *et al.*, 2025.



Figure 33. *Phyllopezus przewalskii* from Santiago de Chiquitos, department of Santa Cruz. Photo: Ignacio De la Riva.



Figure 37. *Anolis ortonii* from Villa Tunari, department of Cochabamba. Photo: Pedro Gómez-Murillo.



Figure 34. *Thecadactylus solimoensis* from Heath Madidi, department of La Paz. Photo: Mauricio Ocampo.



Figure 38. *Anolis punctatus* from Chalalán, department of La Paz. Photo: Ignacio De la Riva.



Figure 35. *Gonatodes humeralis* from Manuripi, department of Pando. Photo: Lucindo Gonzales.



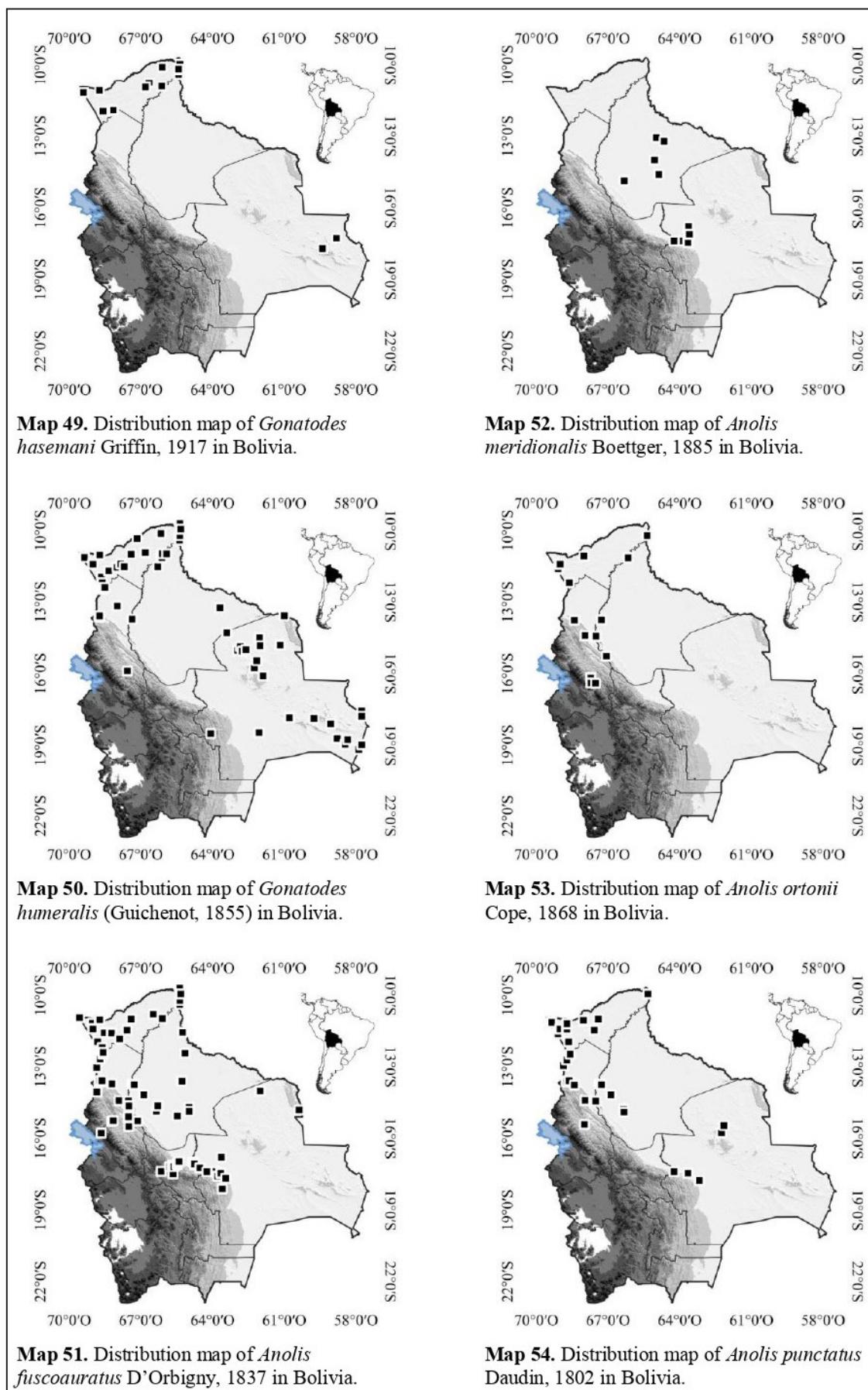
Figure 39. *Anolis tandai* from Manuripi, department of Pando. Photo: Lucindo Gonzales.



Figure 36. *Anolis fuscoauratus* from Villa Tunari, department of Cochabamba. Photo: Pedro Gómez-Murillo.



Figure 40. *Enyalioides palpebralis* from Chalalán, department of La Paz. Photo: Ignacio De la Riva.



Family Anolidae Cocteau, 1836

Genus *Anolis* Daudin, 1802

***Anolis fuscoauratus* D'Orbigny, 1837**

Fig. 36 - Map. 51

Type: MNHN-RA 2420 (Holotype).

Type locality: Moxos province, Bolivia.

Distribution: Bolivia, Brazil, Colombia, Ecuador, Guayana Francesa, Guyana, Peru and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: D'Orbigny, 1837; D'Orbigny, 1847; Bocourt, 1873; Boettger, 1891; Barbour, 1934; Fugler, 1984; Fugler, 1989; Ávila-Pires, 1995; Lavilla *et al.*, 1996; Dirksen & De la Riva, 1999; Köhler, 2000; Lehr, 2002; Nicholson, 2002; Ayala-Varela, 2004; Moravec & Aparicio, 2004; Cortez, 2005; Moravec & Aparicio, 2005; Nicholson *et al.*, 2012; Montaña, 2013; Morato *et al.*, 2014; Grisales-Martínez *et al.*, 2017; Nicholson *et al.*, 2018; Carvajal-Campos & Ayala-Varela, 2019a; Gómez-Murillo & Arellano-Martín, 2020; Ibáñez *et al.*, 2020; Aparicio *et al.*, 2021b; Uetz *et al.*, 2025.

***Anolis meridionalis* Boettger, 1885**

Map. 52

Type: Lost (Holotype), MNHNP 6608 (Neotype).

Type locality: Colonia Ybycui, Estancia Ybycui (aproximadamente 5 Km NE de la casa principal), Departamento Canindeyú. 3 de marzo de 1994. Aida L. Aquino y Guillermo Terol (Cols.). Paraguay.

Distribution: Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Beni, Cochabamba and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Griffin, 1917; Barbour, 1934; Michaud & Dixon, 1987; Lavilla *et al.*, 1996; Dirksen & De la Riva, 1999; Nicholson, 2002; Langstroth, 2006; Motte & Cacciali, 2009; D'Angiolella *et al.*, 2011; Nicholson *et al.*, 2012; Cacciali *et al.*, 2016a; Nicholson *et al.*, 2018; Scott & Cacciali, 2020; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

***Anolis ortonii* Cope, 1868**

Fig. 37 - Map. 53

Type: ANSP 11404 (Holotype)

Type locality: Río Napo or Upper Río Marañón, Ecuador or Peru.

Distribution: Bolivia, Brazil, Ecuador, Guayana Francesa, Guyana, Peru, Surinam and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz and Pando. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Cope, 1868; Peters *et al.*, 1970; Duellman, 1978; Fugler, 1983; Savage & Guyer, 1989; Ávila-Pires, 1995; Dirksen & De la Riva, 1999; Lehr, 2002; Nicholson, 2002; Ayala-Varela, 2004; Köhler, 2007; Nicholson *et al.*, 2012; Morato *et al.*, 2014; Nicholson *et al.*, 2018; Gómez-Murillo & Arellano-Martín, 2020; Aparicio *et al.*, 2021b; Castañeda *et al.*, 2021; Uetz *et al.*, 2025.

***Anolis punctatus* Daudin, 1802**

Fig. 38 - Map. 54

Type: MNHN-RA 2340 (Holotype)

Type locality: "South America".

Distribution: Bolivia, Brazil, Colombia, Ecuador, Guyana, Peru and Venezuela.

Remarks: Recorded in the departments of Cochabamba, Beni, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Duméril & Bibron, 1837; Gray, 1845; Griffin, 1917; Williams, 1965; Fugler, 1988b; De la Riva, 1993; Ávila-Pires, 1995; Lavilla *et al.*, 1996; Dirksen & De la Riva, 1999; Pianka & Vitt, 2003; Ayala-Varela, 2004; Moravec & Aparicio, 2004; Cortez, 2005; Moravec & Aparicio, 2005; Li Vigni, 2013; Ayala-Varela & Carvajal-Campos, 2019; Castañeda *et al.*, 2020; Aparicio *et al.*, 2021b; Eversole *et al.*, 2021; Quinteros-Muñoz *et al.*, 2022a; Uetz *et al.*, 2025.

***Anolis tandai* Ávila-Pires, 1995**

Fig. 39

Type: MPEG 15850 (Holotype).

Type locality: E. of Porto Urucu, Rio Urucu, Amazonas state, Brazil.

Distribution: Bolivia, Brazil and Peru.

Remarks: Recorded in the department of Pando. Registered by Cadle *et al.*, (2003) as *Anolis nitens* in the Federico Roman immobilization area. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Ávila-Pires, 1995; Cadle *et al.*, 2003; Pianka & Vitt, 2003; Langstroth, 2005; Langstroth, 2006; D'Angiolella *et al.*, 2011; Nicholson *et al.*, 2012; Nicholson *et al.*, 2018; Aparicio *et al.*, 2020; Uetz *et al.*, 2025.

***Anolis transversalis* Duméril, 1851**

Map. 55

Type: MNHN-RA 2449 (Holotype).

Type locality: Sarayacú, Peru.

Distribution: Bolivia, Brazil, Colombia, Ecuador and Peru.

Remarks: Recorded in the department of Pando. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Duméril & Duméril, 1851; Williams & Vanzolini, 1966; Duellman, 1978; Lehr, 2002; Cadle *et al.*, 2003; Pianka & Vitt, 2003; Ayala-Varela, 2004; Langstroth, 2005; Nicholson *et al.*, 2012; Nicholson *et al.*, 2018; Carvajal-Campos & Ayala-Varela, 2019b; Calderón *et al.*, 2020; Uetz *et al.*, 2025.

Family Hoplocercidae Frost & Etheridge, 1989

Genus *Enyalioides* Boulenger, 1885

***Enyalioides palpebralis* (Boulenger, 1883)**

Fig. 40 - Map. 56

Type: BMNH 81.5.13.25 (Holotype).

Type locality: Cashiboya, Peru.

Distribution: Bolivia, Brazil and Peru.

Remarks: Recorded in the departments of Cochabamba, La Paz and Pando. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Boulenger, 1883; Peters & Donoso-Barros, 1970; Avila-Pires, 1995; Dirksen & De la Riva, 1999; Reichle *et al.*, 2004; Cortez, 2005; Moravec & Aparicio, 2005; Torres-Carvajal *et al.*, 2011; Montaña, 2013; Avila-Pires *et al.*, 2019a; Uetz *et al.*, 2025.

Genus *Hoplocercus* Fitzinger, 1843

***Hoplocercus spinosus* Fitzinger, 1843**

Map. 57

Type: Lost (Holotype).

Type locality: Brazil.

Distribution: Bolivia and Brazil.

Remarks: Recorded in the departments of Beni and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Fitzinger, 1843; Peters & Donoso-Barros, 1970; Avila-Pires, 1995; Harvey, 1995; Scrocchi & Gonzales, 1996; Dirksen & De la Riva, 1999; Pianka & Vitt, 2003; Torres-Carvajal *et al.*, 2011; Langstroth 2021b; Uetz *et al.*, 2025.

Family Iguanidae Oppel, 1811

Genus *Iguana* Laurenti, 1768

***Iguana iguana* (Linnaeus, 1758)**

Fig. 41 - Map. 58

Type: MCZ R-75832 (Holotype).

Type locality: “Indiis” in error.

Distribution: Aruba, Belize, Bolivia, Bonaire, Brazil, Colombia, Costa Rica, El Salvador, French Guiana, Grenada, Guatemala, Guyana, Honduras, Mexico, Montserrat, Nicaragua, Panama, Paraguay, Peru, Suriname, Trinidad and Tobago and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Shaw & Nodder, 1795; Schmidt & Inger, 1951; Fugler, 1985; Conant & Collins, 1991; Aparicio, 1992; De la Riva *et al.*, 1992; Avila-Pires, 1995; Scrocchi & Gonzales, 1996a; Dirksen & De la Riva, 1999; Köhler, 2003; Moravec & Aparicio, 2004; Aguilar-Kirigin, 2011a; Mata-Silva *et al.*, 2015; Bock *et al.*, 2018; Uetz *et al.*, 2025.

Family Leiosauridae Frost, Etheridge, Janies & Titus, 2001

Genus *Urostrophus* Duméril & Biron, 1837

***Urostrophus chungarae* Carvalho, Laspiur, Klaczko, Rivas, Rodrigues, Sena & Céspedes, 2023**

Type: MHNC-R 3035 (Holotype).

Type locality: Parque Nacional Torotoro, Municipality of Torotoro, Charcas Province, Potosi Department, Plurinational State of Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in the department of Potosí. Categorized as NE (MMAYA, 2009).

Selected references: Carvalho *et al.*, 2023.

***Urostrophus gallardoi* Etheridge & Williams, 1991**

Map. 59

Type: MACN 11043 (Holotype).

Type locality: Urundel, Dept. Oran. Prov. Salta, Argentina.

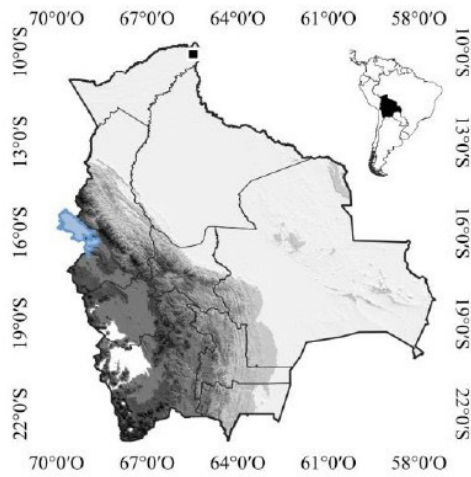
Distribution: Argentina and Bolivia.

Remarks: Recorded in the department of Tarija. Categorized as LC (MMAYA, 2009) and DD (IUCN, 2022).

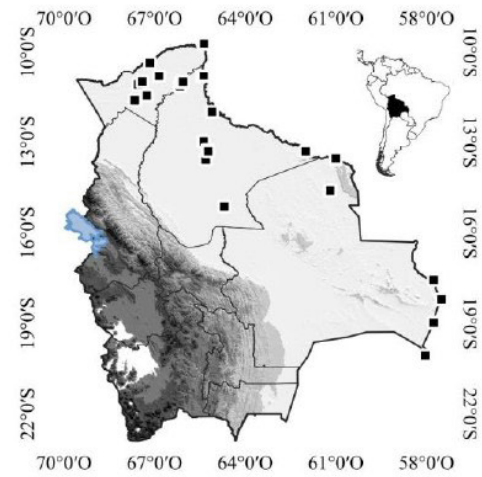
Selected references: Etheridge & Williams, 1991; Torres, 1996; Dirksen & De la Riva, 1999; Montaña, 2013; Embert *et al.*, 2019a; Carvalho *et al.*, 2023; Uetz *et al.*, 2025.

Family Liolaemidae Frost & Etheridge, 1989

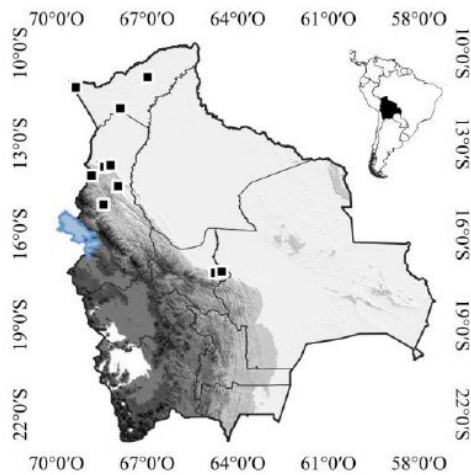
Genus *Liolaemus* Wiegmann, 1834



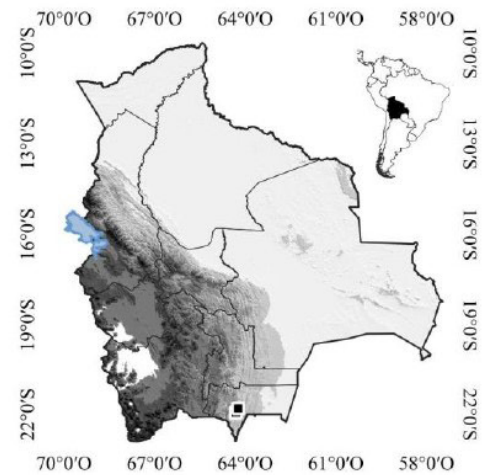
Map 55. Distribution map of *Anolis transversalis* Duméril, 1851 in Bolivia.



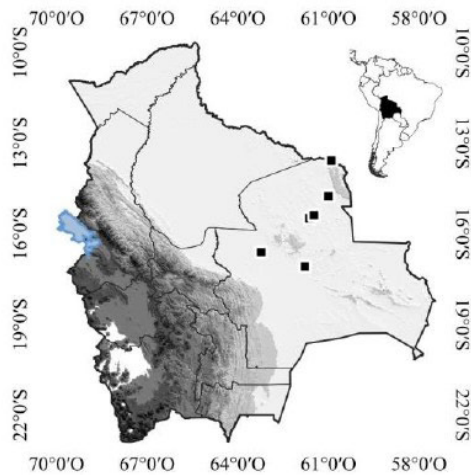
Map 58. Distribution map of *Iguana iguana* (Linnaeus, 1758) in Bolivia.



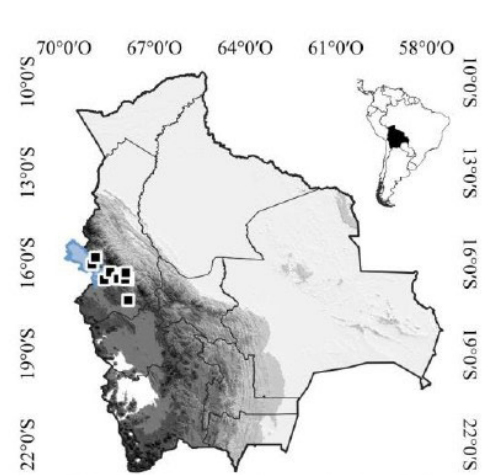
Map 56. Distribution map of *Enyalioides palpebralis* (Boulenger, 1883) in Bolivia.



Map 59. Distribution map of *Urostrophus gallardoi* Etheridge & Williams, 1991 in Bolivia.



Map 57. Distribution map of *Hoplocercus spinosus* Fitzinger, 1843 in Bolivia.



Map 60. Distribution map of *Liolaemus alticolor* Barbour, 1909 in Bolivia.



Figure 41. *Iguana iguana* from Chapare province, department of Cochabamba. Photo: Oliver Quinteros-Muñoz.



Figure 45. *Liolaemus chaltin* from San Pablo de Lipez, department of Potosí. Photo: Mauricio Ocampo.



Figure 42. *Liolaemus alticolor* from Tiahuanaco, department of La Paz. Photo: Ignacio De la Riva.



Figure 46. *Liolaemus fittkaui* from Cordillera de Tiraque, department of Cochabamba. Photo: Octavio Jiménez-Robles.



Figure 43. *Liolaemus aparicioi* from Sendero del Aguila, department of La Paz. Photo: Mauricio Ocampo.



Figure 47. *Liolaemus forsteri* between Peñas y Amaguaya, department of La Paz. Photo: Ignacio De la Riva.



Figure 44. *Liolaemus chacoensis* from Corbalan, department of Tarija. Photo: Steffen Reichle.



Figure 48. *Liolaemus ornatus* from Sama, department of Tarija. Photo: Octavio Jiménez-Robles.

***Liolaemus alticolor* Barbour, 1909**

Fig. 42 - Map. 60

Type: MCZ R-169004 (Lectotype), MCZ-R 7287 (Paralectotype).

Type locality: Tiwanaku, (around 3993 m asl), Ingavi Province, La Paz Department, Plurinational State of Bolivia.

Distribution: Bolivia and Peru.

Remarks: Recorded in La Paz Department. Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Barbour, 1909; Rendahl, 1937; Shreve, 1938; Hellmich, 1961; Cei, 1993; Carrillo & Icochea, 1995; Etheridge, 1995; Dirksen & De la Riva, 1999; Padial *et al.*, 2003; Langstroth, 2005; Ocampo, 2010; Aguilar-Kirigin, 2011b; Ocampo *et al.*, 2012; Quinteros, 2012, Quinteros, 2013; Aparicio *et al.*, 2015; Portelli & Quinteros, 2018; Quinteros *et al.*, 2020; Aguilar-Kirigin *et al.*, 2021b, c; Langstroth, 2021c.

***Liolaemus aparicioi* Ocampo, Aguilar-Kirigin & Quinteros, 2012**

Fig. 43 - Map. 61

Type: CBF 3185 (Holotype).

Type locality: Jupapina, La Paz Department, Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in La Paz Department. Categorized as NE (MMAYA, 2009) and CR (IUCN, 2022).

Selected references: Baudoin & Pacheco, 1991; Ocampo, 2010; Aguilar-Kirigin, 2011b; Apaza Coca, 2011; Ocampo *et al.*, 2012; Aparicio *et al.*, 2015; Aparicio, 2016a; Portelli & Quinteros, 2018; Quinteros *et al.*, 2020; Aguilar-Kirigin & Quinteros, 2021a; Aguilar-Kirigin *et al.*, 2021b; Miranda-Calle *et al.*, 2021.

***Liolaemus chacoensis* Shreve, 1948**

Fig. 44 - Map. 62

Type: MCZ 49519 (Holotype).

Type locality: Guachalla fort, Pilcomayo River, 580 km west of Asunción, Paraguayan Chaco, Paraguay.

Distribution: Argentina, Bolivia and Paraguay.

Remarks: Recorded in Tarija Department. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Donoso-Barros, 1970a; Shreve, 1948; Cei, 1980; Cruz & Ramírez Pinilla, 1996; Schulte *et al.*, 2000; Lobo, 2001; Lobo & Abdala, 2002; Morando *et al.*, 2004; Avila *et al.*, 2006; Gonzales *et al.*, 2006; Abdala, 2007; Laspiur *et al.*, 2007; Aguilar-Kirigin & Ocampo, 2011; Sanabrina *et*

al., 2011; Camargo *et al.*, 2012; Paz, 2012; Montaña, 2013; Pelegrin & Bucher, 2015; Aparicio *et al.*, 2016; Abdala *et al.*, 2019a; Aguilar-Kirigin *et al.*, 2021b; Laspiur, 2021.

***Liolaemus chaltin* Lobo & Espinoza, 2004**

Fig. 45 - Map. 63

Type: FML 9874 (Holotype).

Type locality: Provincial route 71, 4.2 km west of Abra Pampa, Cochínoca Department, Jujuy Province, Argentina.

Distribution: Argentina and Bolivia.

Remarks: Recorded in Potosí, and Tarija Departments. Difficult to distinguish morphologically from *L. puna* (misidentifications may have happened in previous publications). Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Espinoza *et al.*, 2004; Lobo & Espinoza, 2004; Langstroth, 2005; Ocampo & Aguilar-Kirigin, 2008; Muñoz, 2009c; Lobo *et al.*, 2010; Muñoz *et al.*, 2016c; Miranda-Calle *et al.*, 2018; Portelli & Quinteros, 2018; Quinteros *et al.*, 2020; Jiménez-Robles & De la Riva, 2019; Aguilar-Kirigin *et al.*, 2021b; Quipildor & Quinteros, 2021a.

***Liolaemus cranwelli* Donoso-Barros, 1973**

Map. 64

Type: MACN 3632 (Holotype).

Type locality: Nueva Moka, 10 Km south of Santa Rosa, Santa Cruz, Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in Santa Cruz Department. Categorized as NE (MMAYA, 2009) and CR (IUCN, 2022).

Selected references: Donoso-Barros, 1973; Laurent, 1983a; Laurent, 1983b, Laurent, 1984; Etheridge, 2000; Domic & Cortez, 2009a; Aguilar-Kirigin *et al.*, 2021b; Bulacios Arroyo, 2021.

***Liolaemus erroneus* (Núñez & Yáñez, 1984)**

Map. 65

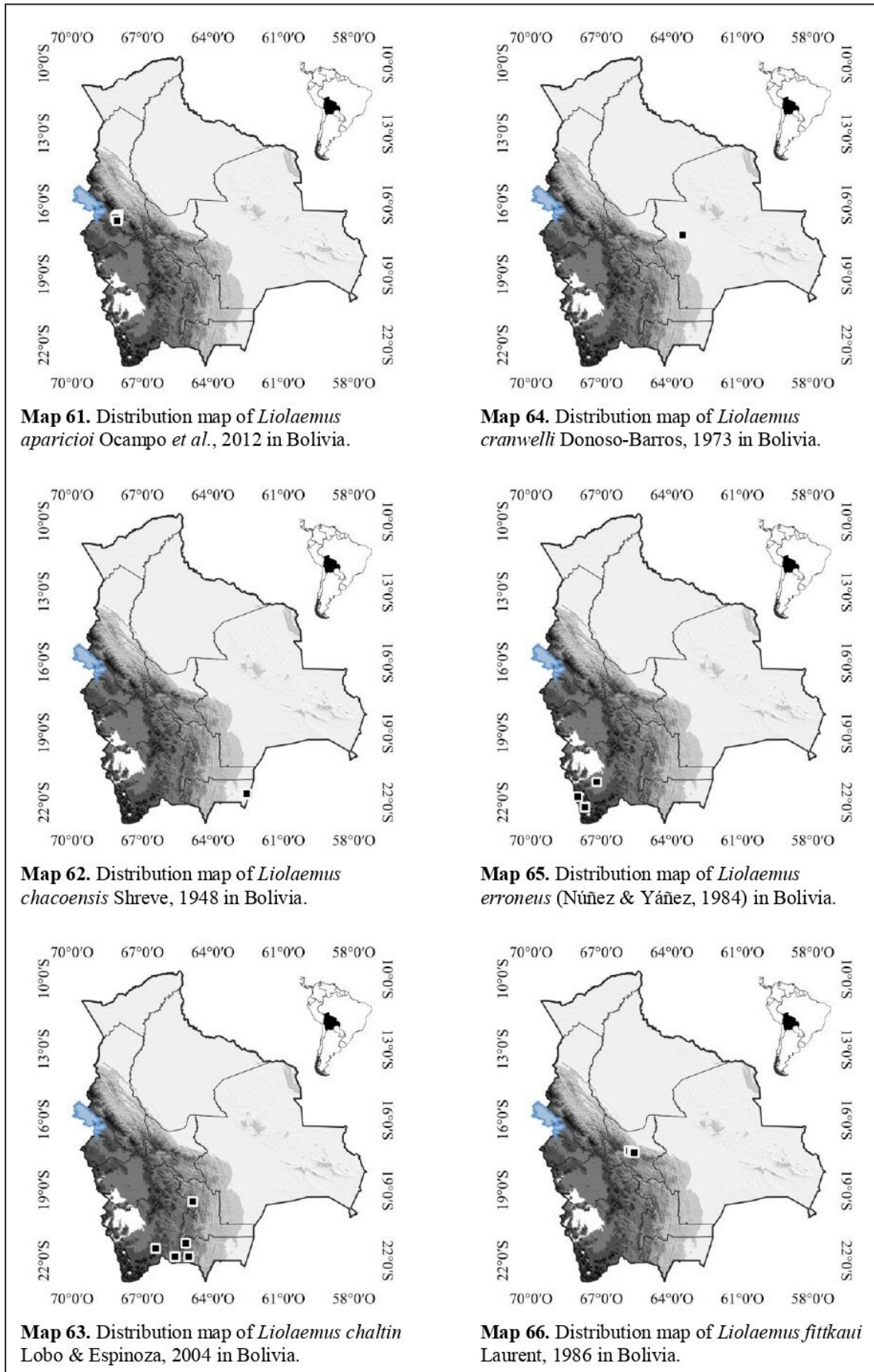
Type: Holotype deposited in the Zoological Museum of the University of Concepción, Chile. According to Langstroth (2021a), the holotype is missing, so the neotype was designated, currently deposited at the Fundación Miguel Lillo as FML 1192.

Type locality: "Antofagasta, Atacama, Chile".

Distribution: Bolivia and Chile.

Remarks: Recorded in Potosí Department. Categorized as NE (MMAYA, 2009) and DD (IUCN, 2022).

Selected references: Núñez & Yáñez, 1984;



Etheridge, 1995; Laurent, 1995; Núñez & Veloso, 2001; Valladares *et al.*, 2002; Pincheira-Donoso & Núñez, 2005; Gutiérrez *et al.*, 2018; Abdala *et al.*, 2019a; Abdala *et al.*, 2020; Abdala *et al.*, 2021b; Aguilar-Kirigin *et al.*, 2021b; Langstroth, 2021a; Langstroth *et al.*, 2021.

***Liolaemus fittkaui* Laurent, 1986**

Fig. 46 - Map. 66

Type: ZSM 17/1983 (Holotype).

Type locality: "Cochabamba region", Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in Cochabamba Department. Categorized as VU (MMAYA, 2009) and VU (IUCN, 2022).

Selected references: Laurent, 1986; Dirksen & De la Riva, 1999; Aguayo *et al.*, 2009c; Jiménez-Robles *et al.*, 2016; Gutiérrez *et al.*, 2018; Abdala *et al.*, 2019a; Abdala *et al.*, 2020; Abdala *et al.*, 2021b; Aguayo *et al.*, 2020b; Aguilar-Kirigin, 2021b; Aguilar-Kirigin *et al.*, 2021b.

***Liolaemus forsteri* Laurent, 1982**

Fig. 47 - Map. 67

Type: ZSM 646/1979 (Holotype).

Type locality: Chacaltaya, La Paz, Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in La Paz Department. Categorized as VU (MMAYA, 2009) and EN (IUCN, 2022).

Selected references: Laurent, 1982; Pacheco, 1988; Baudoin & Pacheco, 1991; Dirksen & De la Riva, 1999; Aguilar-Kirigin & Domic, 2009; Aguilar-Kirigin, 2011b; Villarreal *et al.*, 2012; Aparicio *et al.*, 2015; Aparicio, 2017; Villarreal Aguilar, 2017; Aguilar-Puntriano, 2018; Abdala *et al.*, 2019a; Abdala *et al.*, 2020; Abdala *et al.*, 2021b; Aguilar-Kirigin, 2021a; Aguilar-Kirigin *et al.*, 2021b.

***Liolaemus lenzi* Boettger, 1981**

Map. 68

Type: SMF 11110 (Holotype).

Type locality: "Bolivian shores of Lake Titicaca".

Distribution: Bolivia, Chile and Peru.

Remarks: Recorded in the departments of Cochabamba, La Paz, Oruro and probably Potosí. Categorized as NE (MMAYA, 2009).

Selected references: Boettger, 1891; Burt & Burt, 1931; Laurent, 1992; Núñez, 2004; Langstroth, 2005, 2021a; De la Galvez Murillo & Pacheco, 2009; Aguilar-Kirigin, 2011b; Aguilar-Puntriano

et al., 2018; Abdala *et al.*, 2019a, 2020; Aguilar-Kirigin & Langstroth, 2021b; Aguilar-Kirigin *et al.*, 2021b.

***Liolaemus multiformis* (Cope, 1875)**

Map. 69

Type: ANSP 13064-13066, 13098, 13104, 11368-11370 (Syntypes)

Type locality: "Titicaca Lake" Peru.

Distribution: Bolivia and Peru.

Remarks: Recorded in La Paz Department. Categorized as NE (MMAYA, 2009).

Selected references: Cope, 1875; Boulenger, 1885; Burt & Burt, 1931; Pearson, 1954; Pearson & Bradford, 1976; Laurent, 1985; Laurent, 1992; De la Galvez Murillo & Pacheco, 2009; Aguilar-Kirigin, 2011b; Frost & Etheridge, 2016; Aguilar-Puntriano *et al.*, 2018; Abdala *et al.*, 2019a; Abdala *et al.*, 2020; Abdala *et al.*, 2021b; Chaparro *et al.*, 2020; Abdala 2021; Aguilar-Kirigin *et al.*, 2021b; Langstroth, 2021a.

***Liolaemus ornatus* Koslowsky, 1898**

Fig. 48 - Map. 70

Type: Lost (Holotype). MLP S. 787 - MPL S. 788 (Syntypes).

Type locality: Mountain ranges of Jujuy province, Argentina.

Distribution: Argentina, Bolivia, Chile and Peru.

Remarks: Recorded in the departments of La Paz, Oruro, Potosí and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Koslowsky, 1898; Pellegrin, 1909; Peters & Donoso-Barros, 1970; Fugler, 1989; Ramírez Pinilla, 1991; Laurent, 1992; Etheridge, 1993; Dirksen & De la Riva, 1999; Etheridge, 2000; Schulte *et al.*, 2000; Ramírez & Pincheira-Donoso, 2005; Ferraro & Williams, 2006; Abdala, 2007; Tarifa *et al.*, 2007; Labra *et al.*, 2009; Lobo, 2010; Aguilar-Kirigin, 2011b; Aparicio, 2012; Camargo *et al.*, 2012; Paz, 2012; Olave *et al.*, 2014; Abdala *et al.*, 2016a; Jiménez-Robles & De la Riva, 2019; Abdala *et al.*, 2019a; Aguilar-Kirigin *et al.*, 2021b; Laspiur *et al.*, 2021.

***Liolaemus pachecoi* Laurent, 1995**

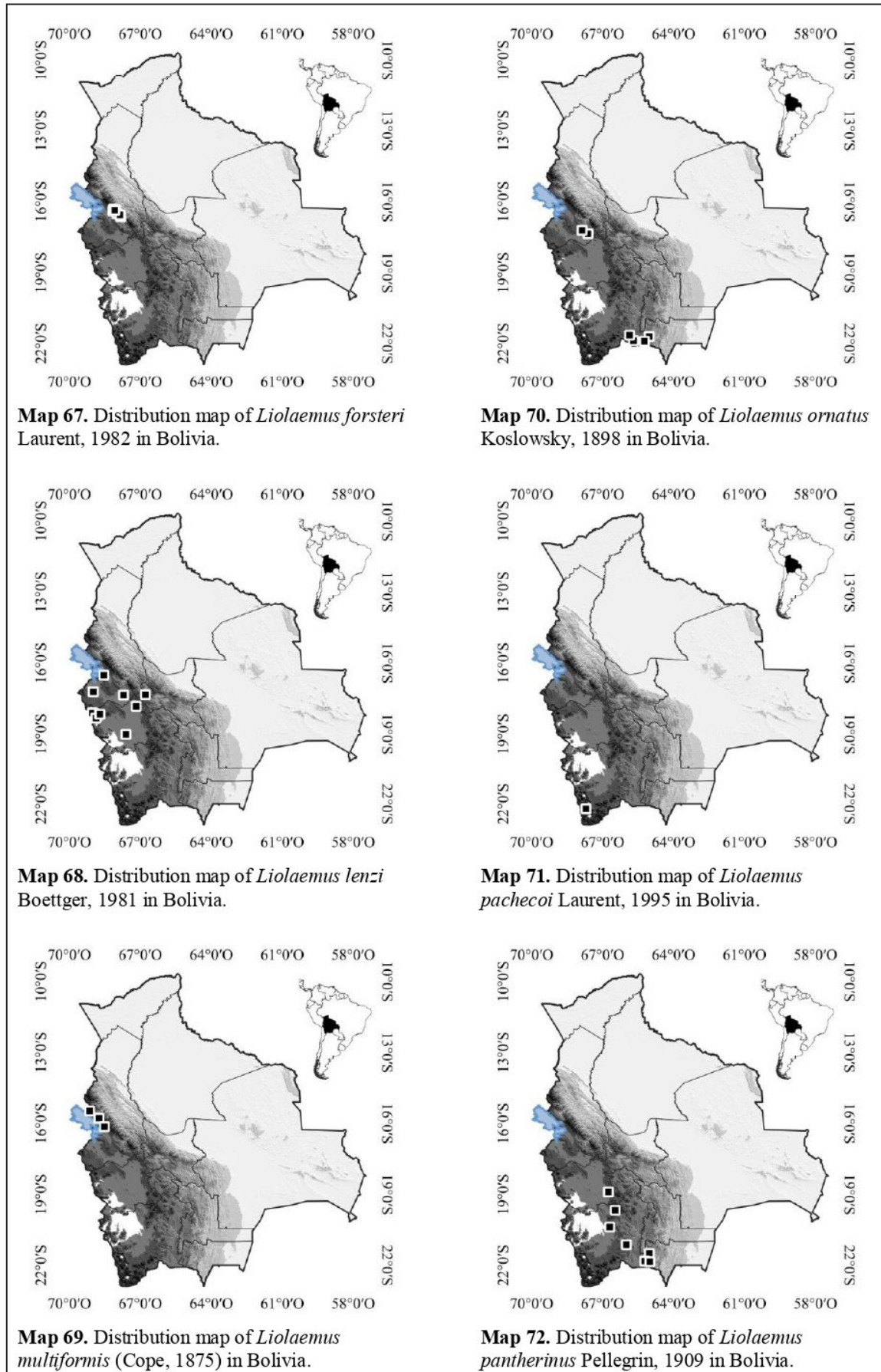
Map. 71

Type: CBF 1057 (Holotype).

Type locality: Colorada Lagoon, Bolivia.

Distribution: Bolivia and Chile.

Remarks: Recorded in the department of Potosí. Categorized as NE (MMAYA, 2009) and LC (IUCN,



2022).

Selected references: Laurent, 1995; Pincheira-Donoso & Núñez, 2005; Lobo *et al.*, 2010; Langstroth, 2011; Demangel Miranda, 2016; Mella, 2017; Núñez *et al.*, 2017b; Abdala *et al.*, 2019a; Abdala *et al.*, 2020; Abdala *et al.*, 2021b; Abdala & Aguilar-Kirigin, 2021; Aguilar-Kirigin *et al.*, 2021b.

***Liolaemus pantherinus* Pellegrin, 1909**

Map. 72

Type: MNHN-RA 05-343, MNHN-RA 05-344 (Syntypes).

Type locality: “Hauts-Plateaux péruviens et boliviens”. Langstroth (2021a) restricted the type locality around Pulacayo, Potosí Department, Bolivia, between 4000-4320 m asl.

Distribution: Argentina and Bolivia.

Remarks: Recorded in the departments of Chuquisaca, Oruro, Potosí and Tarija. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Pellegrin, 1909; Donoso-Barros, 1966; Ramirez & Pincheira-Donoso, 2005; Jiménez-Robles & De la Riva, 2017; Jiménez-Robles & De la Riva, 2019; Abdala *et al.*, 2019a; Abdala *et al.*, 2020; Abdala *et al.*, 2021b; Avila & Abdala, 2020; Ruiz De Gamboa & Ortiz, 2020; Aguilar-Kirigin & Langstroth, 2021a; Aguilar-Kirigin *et al.*, 2021b; Langstroth, 2021a.

***Liolaemus pleopholis* Laurent, 1998**

Map. 73

Type: DBGUCH 564 (Holotype).

Type locality: Pampa Chucuyo, Arica and Parinacota Region, Chile.

Distribution: Bolivia, Chile and Peru.

Remarks: Recorded in the departments of La Paz and Oruro. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Leyton *et al.*, 1982; Veloso *et al.*, 1982; Laurent, 1992; Laurent, 1998; Aguilar-Kirigin *et al.*, 2016, 2021b; Demangel Miranda, 2016; Mella, 2017; Aguilar-Puntriano *et al.*, 2018; Abdala *et al.*, 2019a, 2020, 2021a, b; Langstroth, 2021a; Valladares *et al.*, 2021.

***Liolaemus puna* Lobo & Espinoza, 2004**

Fig. 49 - **Map.** 74

Type: FML 1364 (Holotype).

Type locality: Los Berros ravine, approximately 5 Km east of Olacapato, Los Andes Department, Salta Province, Argentina.

Distribution: Argentina, Bolivia and Chile.

Remarks: Recorded in La Paz, Oruro, Potosí, and Tarija Departments. Difficult to distinguish morphologically from *L. chaltin* (misidentifications may have happened in previous publications, e.g.: in the Tajzara basin all phenotyped *Liolaemus* in the *alticolor-bibronii* group were *L. puna* (Jiménez-Robles & De la Riva, 2019), in spite of previous morphological identifications of *L. chaltin* in that area). Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Hellmich, 1961; Donoso-Barros, 1966; Donoso-Barros, 1970b; Valencia *et al.*, 1982; Veloso & Navarro, 1988; Laurent, 1992; Núñez & Jaksic, 1992; Etheridge & Espinoza, 2000; Espinoza *et al.*, 2004; Lobo & Espinoza, 2004; Langstroth, 2005; Pincheira-Donoso & Núñez, 2005; Aguayo *et al.*, 2009a, 2015a; Quinteros & Lobo, 2009; Aparicio *et al.*, 2015; Portelli & Quinteros, 2018; Jiménez-Robles & De la Riva, 2019; Quinteros *et al.*, 2020; Aguilar-Kirigin *et al.*, 2021b; Quipildor & Quinteros, 2021b.

***Liolaemus puritamensis* Núñez & Fox, 1989**

Map. 75

Type: MNHNC 1880 (Holotype).

Type locality: “On the road to El Tatio springs (42 km northeast of San Pedro de Atacama)”.

Distribution: Argentina, Bolivia and Chile.

Remarks: Recorded in Potosí Department. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Donoso-Barros, 1966; Peters & Donoso-Barros, 1970; Núñez & Fox, 1989; Núñez & Jaksic, 1992; Pincheira-Donoso & Núñez, 2005; Ramirez & Pincheira-Donoso, 2005; Quinteros & Abdala, 2007; Abdala *et al.*, 2008; Abdala *et al.*, 2016; Abdala *et al.*, 2019a; Abdala *et al.*, 2020; Abdala *et al.*, 2021; Pincheira-Donoso, 2014; Troncoso-Palacios, 2014; Troncoso-Palacios, 2015; Aguilar-Kirigin & Abdala, 2016; Demangel, 2016; Abdala *et al.*, 2020; Aguilar-Kirigin *et al.*, 2021a; Aguilar-Kirigin *et al.*, 2021b.

***Liolaemus schmidtii* (Marx, 1960)**

Map. 76

Type: FMNH 5759 (Holotype).

Type locality: San Pedro de Atacama, Antofagasta, Chile.

Distribution: Bolivia and Chile.

Remarks: Recorded in Potosí Department. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

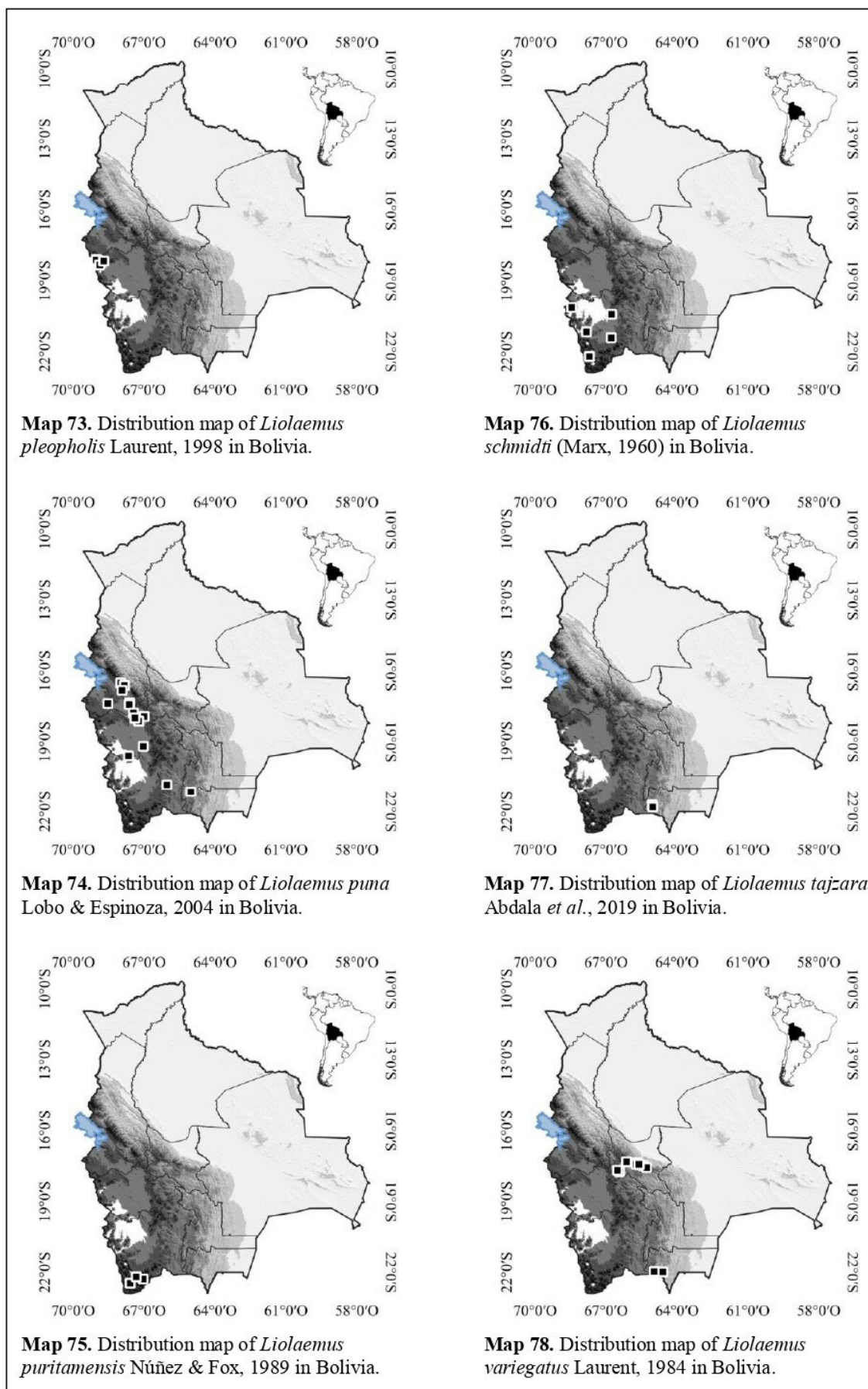




Figure 49. *Liolaemus puna* from Sama, department of Tarija. Photo: Octavio Jiménez-Robles.



Figure 53. *Polychrus liogaster* from San José de Uchupiamonas, department of La Paz. Photo: Ignacio De la Riva.



Figure 50. *Liolaemus tajzara* from Sama, department of Tarija. Photo: Octavio Jiménez-Robles.



Figure 54. *Plica plica* from Cuzco Amazónico, Madre de Dios / Peru. Photo: Ignacio De la Riva.



Figure 51. *Liolaemus variegatus* from Cordillera de Tiraque, department of Cochabamba. Photo: Octavio Jiménez-Robles.



Figure 55. *Plica umbra* from Cuzco Amazónico, Madre de Dios / Peru. Photo: Ignacio De la Riva.



Figure 52. *Polychrus acutirostris* from Tatarenda, department of Santa Cruz. Photo: Lucindo Gonzales.



Figure 56. *Stenocercus caducus* from Santiago de Chiquitos, department of Santa Cruz. Photo: Steffen Reichle.

Selected references: Marx, 1960; Cei, 1979; Dirksen & De la Riva, 1999; Pincheira-Donoso, 2005; Lobo *et al.*, 2010; Abdala *et al.*, 2013; Abdala *et al.*, 2019a; Abdala *et al.*, 2020; Abdala *et al.*, 2021b; Núñez *et al.*, 2017a; Aguilar-Kirigin, 2021c; Aguilar-Kirigin *et al.*, 2021b; Langstroth, 2021a.

***Liolaemus tajzara* Abdala, Aguilar-Kirigin, Semhan, Bulacios Arroyo, Valdes, Paz, Gutiérrez Pobleto, Valladares Faundez, Langstroth & Aparicio, 2019**

Fig. 50 - Map. 77

Type: CBF 4610 (Holotype)

Type locality: Around Pujara Lagoon, Reserva Biológica Cordillera de Sama, Copacabana Canton, Yunchara Municipality, Avilez Province, Tarija Department, Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in Tarija Department. Categorized as NE (MMAYA, 2009).

Selected references: Tarifa *et al.*, 2007; Aguilar-Puntriano *et al.*, 2018; Gutiérrez *et al.*, 2018; Abdala *et al.*, 2019a; Abdala *et al.*, 2020; Abdala *et al.*, 2021b; Jiménez-Robles & De la Riva, 2019; Aguilar-Kirigin & Abdala, 2021; Aguilar-Kirigin *et al.*, 2021b.

***Liolaemus variegatus* Laurent, 1984**

Fig. 51 - Map. 78

Type: ZS-MH 253/1982 (Holotype)

Type locality: Tiraque, Cochabamba, Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in Cochabamba and Tarija Departments. Categorized as VU (MMAYA, 2009) and VU (IUCN, 2022).

Selected references: Laurent, 1984; Dirksen & De la Riva, 1999; Langstroth, 2005; Aguayo *et al.*, 2009b; Quinteros, 2012; Aguilar-Kirigin *et al.*, 2013; Rey-Ortiz, 2013; Jiménez-Robles *et al.*, 2016, 2021; Aguayo *et al.*, 2017b; Portelli & Quinteros, 2018; Quinteros *et al.*, 2020; Aguilar-Kirigin & Quinteros, 2021b; Aguilar-Kirigin *et al.*, 2021b.

Family Polychrotidae Fitzinger, 1843

Genus *Polychrus* Merrem, 1820

***Polychrus acutirostris* Spix, 1825**

Fig. 52 - Map. 79

Type: Lost (Holotype).

Type locality: Bahia, Brazil.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Beni,

Chuquisaca, Cochabamba, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Spix, 1825; Duméril & Bibron, 1837; Griffin, 1917; Hellmich, 1960; Peters & Donoso-Barros, 1970; Fugler, 1989; Norman, 1994; Montero *et al.*, 1995; Lavilla *et al.*, 1996; Dirksen & De la Riva, 1999; Montaña, 2013; Cacciali *et al.*, 2016a; Torres-Carvajal *et al.*, 2017; Gainsbury, 2019; Cacciali *et al.*, 2019b; Eversole *et al.*, 2021; Rivas *et al.*, 2022; Uetz *et al.*, 2025.

***Polychrus liogaster* Boulenger, 1908**

Fig. 53 - Map. 80

Type: BMNH 1946.8.8.22-23 (Type).

Type locality: Provincia Sara, Bolivia, 750 m elevation, and Chanchamayo, eastern Peru.

Distribution: Bolivia, Brazil, Ecuador and Peru.

Remarks: Recorded in the departments of Beni, Cochabamba and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Boulenger, 1908; Fugler, 1983; Fugler, 1984; Avila-Pires, 1995; Dirksen & De la Riva, 1999; Montaña, 2013; Schlüter, 2013; Avila-Pires *et al.*, 2019c; Torres-Carvajal, 2019; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

Family Tropiduridae Bell, 1843

Genus *Plica* Gray, 1831

***Plica plica* (Linnaeus, 1758)**

Fig. 54 - Map. 81

Type: Lost (Holotype), NRM 112 (Lectotype).

Type locality: Suriname.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

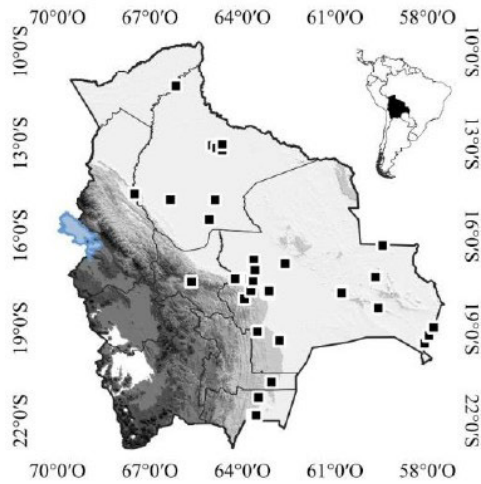
Selected references: Linnaeus, 1758; Schmidt & Inger, 1951; Fugler, 1988c; Frost, 1992; Ávila-Pires, 1995; Dirksen & De la Riva, 1999; Gorzula & Señaris, 1999; Harvey & Gutberlet, 2000; Frost *et al.*, 2001; Moravec & Aparicio, 2004; Aguilar-Kirigin, 2012; Murphy & Jowers, 2013; Ribeiro-Júnior, 2015b; Ribeiro-Júnior & Amaral, 2016; Avila-Pires *et al.*, 2020; Uetz *et al.*, 2025.

***Plica umbra* (Linnaeus, 1758)**

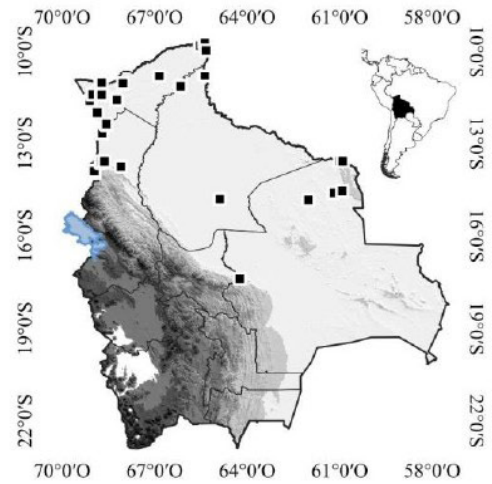
Fig. 55 - Map. 82

Type: NRM 111 and UUZM 73 (Syntypes).

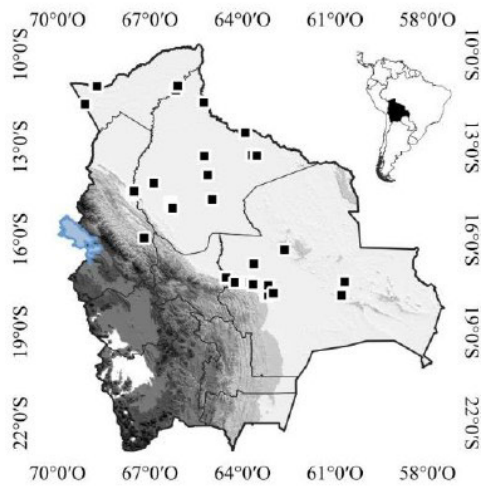
Type locality: “in Meridionalibus”.



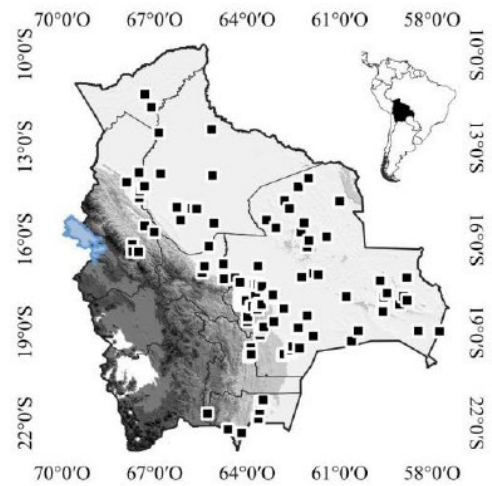
Map 79. Distribution map of *Polychrus acutirostris* Spix, 1825 in Bolivia.



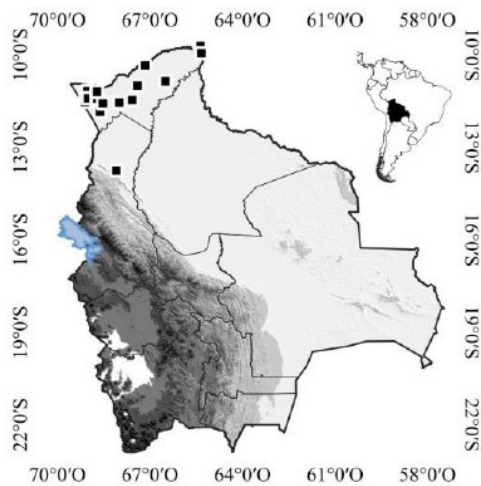
Map 82. Distribution map of *Plica umbra* (Linnaeus, 1758) in Bolivia.



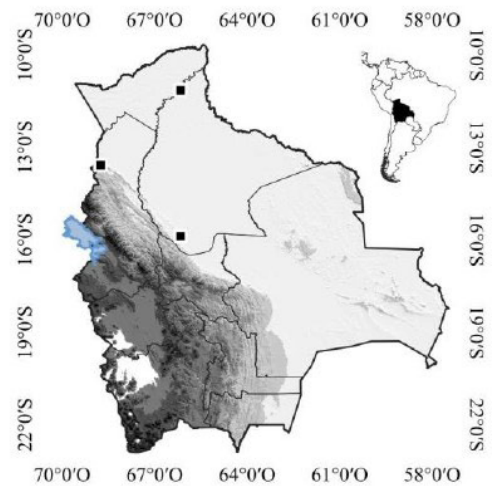
Map 80. Distribution map of *Polychrus liogaster* Boulenger, 1908 in Bolivia.



Map 83. Distribution map of *Stenocercus caducus* (Cope, 1862) in Bolivia.



Map 81. Distribution map of *Plica plica* (Linnaeus, 1758) in Bolivia.



Map 84. Distribution map of *Stenocercus fimbriatus* Avila-Pires, 1995 in Bolivia.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; O'Shaughnessy, 1881; Andersson, 1918; Etheridge, 1970; Peters & Donoso-Barros, 1970; Fugler, 1983; De la Riva *et al.*, 1992; Frost, 1992; Avila-Pires, 1995; Lavilla *et al.*, 1996; Harvey *et al.*, 1998; Dirksen & De la Riva, 1999; Harvey & Gutberlet, 2000; Frost *et al.*, 2001; Padial *et al.*, 2003; Cortez, 2005; Aguilar-Kirigin, 2012; Murphy & Jowers, 2013; Almendáriz *et al.*, 2019a; Torres-Carvajal, 2019; Uetz *et al.*, 2025.

Genus *Stenocercus* Duméril & Bibron, 1837

***Stenocercus caducus* (Cope, 1862)**

Fig. 56 - Map. 83

Type: USNM 5852 (Holotype).

Type locality: Paraguay.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Beni, Chuquisaca, Cochabamba, La Paz, Pando, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Gallardo, 1959; Fritts, 1974; Frost, 1992; Cei, 1993; Dirksen & De la Riva, 1999; Padial *et al.*, 2003; Torres-Carvajal *et al.*, 2006; Torres-Carvajal, 2007; Teixeira *et al.*, 2015; Cacciali *et al.*, 2016a; Aparicio *et al.*, 2019h, 2021b; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

***Stenocercus fimbriatus* Avila-Pires, 1995**

Map. 84

Type: TCWC 41795 (Holotype).

Type locality: Mishana, Iquitos Region, Dep. Loreto, Peru.

Distribution: Bolivia, Brazil and Peru.

Remarks: Recorded in the department of Beni. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Fugler, 1986b; Avila-Pires, 1995; Dirksen & De la Riva, 1999; Lehr, 2002; Pianka & Vitt, 2003; Langstroth, 2005; Torres-Carvajal, 2007; Avila-Pires *et al.*, 2019d; Uetz *et al.*, 2025.

***Stenocercus marmoratus* (Duméril & Bibron, 1837)**

Fig. 57 - Map. 85

Type: MNHN-RA 2513 (Holotype).

Type locality: Pampa Ruíz, between Valle Grande and El Pescado, De La Laguna Province, east of Chuquisaca, Bolivia.

Distribution: Argentina and Bolivia.

Remarks: Recorded in the departments of Chuquisaca, Cochabamba, Santa Cruz, Tarija and Potosí. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Duméril & Bibron, 1837; Fitzinger, 1843; D'Orbigny, 1847; Werner, 1910; Ibsch & Böhme, 1993; Dirksen *et al.*, 1995; Harvey, 1997; Dirksen & De la Riva, 1999; Torres *et al.*, 2000; Langstroth, 2005; Torres-Carvajal, 2007; Aguayo *et al.*, 2016e; Rivas *et al.*, 2018; Uetz *et al.*, 2025.

***Stenocercus prionotus* Cadle, 2001**

Fig. 58 - Map. 86

Type: USNM 193683 (Holotype).

Type locality: Jardín Botánico de la Universidad Agraria de La Selva, Tingo María, vicinity of Río Huallaga, Huánuco, Peru.

Distribution: Bolivia and Peru.

Remarks: Recorded in the departments of Beni, Cochabamba and La Paz. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Cadle, 2001; Langstroth, 2005; Torres-Carvajal, 2007; Teixeira *et al.*, 2015; Aguayo *et al.*, 2017a; Gómez-Murillo & Arellano-Martín, 2020; Aparicio *et al.*, 2021b; Uetz *et al.*, 2025.

***Stenocercus roseiventris* D'Orbigny, 1837**

Fig. 59 - Map. 87

Type: MNHN-RA 6879 (Holotype).

Type locality: Bolivia.

Distribution: Argentina, Bolivia, Brazil and Peru.

Remarks: Recorded in the departments of Beni, Chuquisaca, Cochabamba, La Paz and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Duméril & Bibron, 1837; Fitzinger, 1843; D'Orbigny, 1847; Werner, 1913; Griffin, 1917; Avila-Pires, 1995; Lavilla *et al.*, 1996; Dirksen & De la Riva, 1999; Langstroth, 2005; Torres-Carvajal, 2007; Avila *et al.*, 2013; Abdala *et al.*, 2019b; Gómez-Murillo & Arellano-Martín, 2020; Uetz *et al.*, 2025.

Genus *Tropidurus* Wied-Neuwied, 1824

***Tropidurus azurduyae* Carvalho, Rivas, Céspedes & Rodrigues, 2018**



Figure 57. *Stenocercus marmoratus* from Tiraque, department of Cochabamba. Photo: Ignacio De la Riva.



Figure 60. *Tropidurus azurduyae* from Norte Potosí, department of Potosí. Photo: Mauricio Ocampo.



Figure 58. *Stenocercus prionotus* from Villa Tunari, department of Cochabamba. Photo: Pedro Gómez-Murillo.



Figure 61. *Tropidurus chromatops* from Velasco, department of Santa Cruz. Photo: Lucindo Gonzales.



Figure 59. *Stenocercus roseiventris* from Villa Tunari, department of Cochabamba. Photo: Pedro Gómez-Murillo.



Figure 62. *Tropidurus melanopleurus* from Samaipata, department of Santa Cruz. Photo: Ignacio De la Riva.



Figure 63. *Tropidurus spinulosus* from Chaco, department of Tarija. Photo: Mauricio Ocampo.

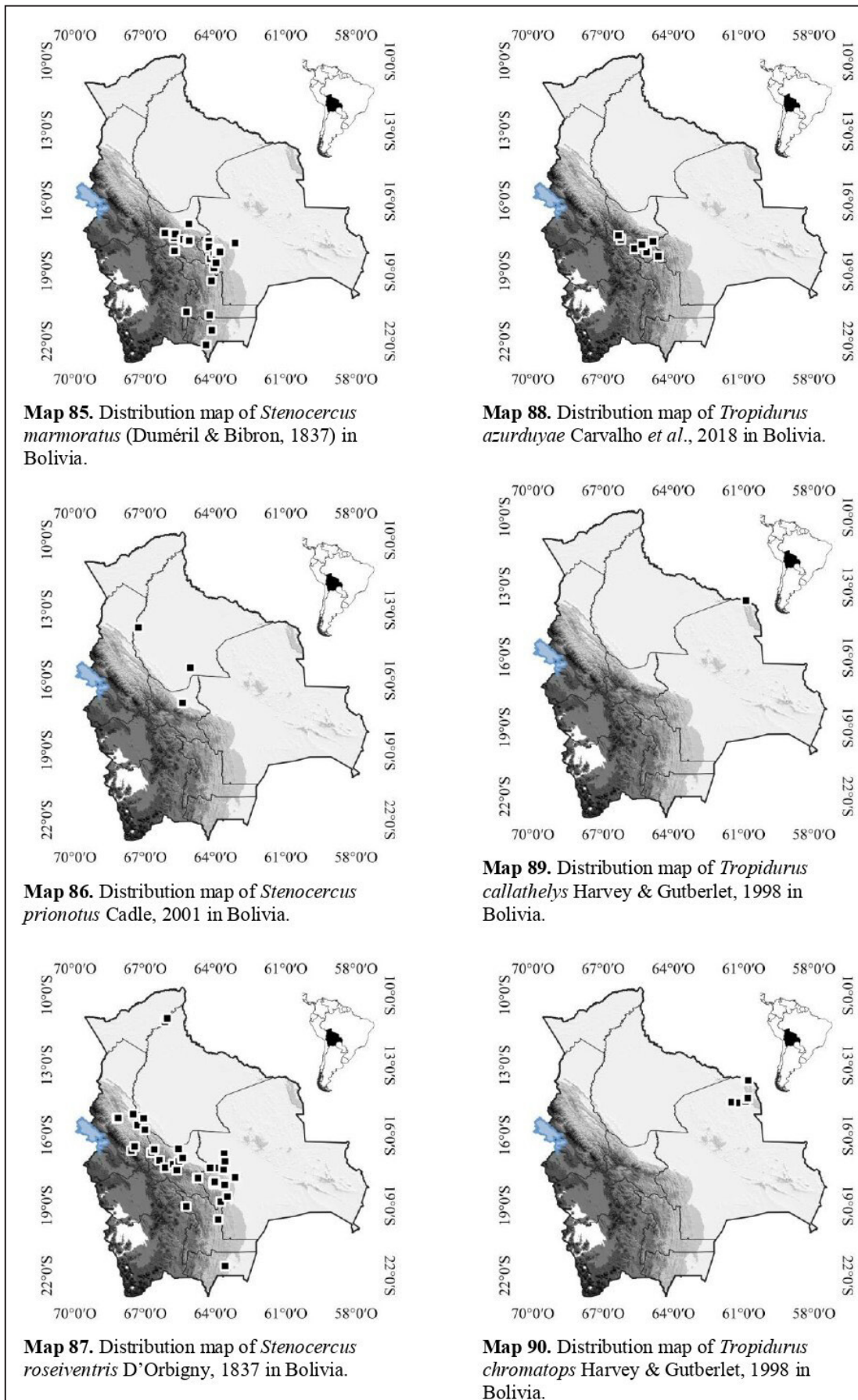


Fig. 60 - Map. 88

Type: MHNC-R 3011 (Holotype).

Type locality: Parque Nacional Torotoro, Potosí, Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in the departments of Chuquisaca, Cochabamba, Potosí and Santa Cruz. Categorized as NE (MMAYA, 2009).

Selected references: Carvalho *et al.*, 2018; Uetz *et al.*, 2025.

***Tropidurus callathelys* Harvey & Gutberlet, 1998
Map. 89**

Type: UTA R-89610 (Holotype).

Type locality: rock outcrops on northern slope of Serrania de Huanchaca, Bolivia.

Distribution: Bolivia and Brazil.

Remarks: Recorded in the department of Santa Cruz. Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Harvey & Gutberlet, 1998; Dirksen & De la Riva, 1999; Domic & Cortez, 2009b; Morais *et al.*, 2014; Aguayo *et al.*, 2019a; Uetz *et al.*, 2025.

***Tropidurus chromatops* Harvey & Gutberlet, 1998
Fig. 61 - Map. 90**

Type: UTA R-39605 (Holotype).

Type locality: Parque Nacional Noel Kempff Mercado. Provincia Velasco, Dept. Santa Cruz, Bolivia.

Distribution: Bolivia and Brazil.

Remarks: Recorded in the department of Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Dirksen, 1995; Harvey & Gutberlet, 1998; Dirksen & De la Riva, 1999; Domic & Cortez, 2009c; Morais *et al.*, 2014; Muñoz *et al.*, 2019; Rivas *et al.*, 2022; Uetz *et al.*, 2025.

***Tropidurus etheridgei* Cei, 1982**

Map. 91

Type: KU 186101 (Holotype).

Type locality: Mina Claveros, Cordoba, Argentina.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Chuquisaca, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Gans, 1960; Cei, 1982; Fugler, 1984; Rodrigues, 1987; De la Riva *et al.*, 1992;

Dirksen, 1995; Montero *et al.*, 1995; Gonzales, 1998; Dirksen & De la Riva, 1999; Padial *et al.*, 2003; Mendoza, 2010; Montaña, 2013; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Cacciali & Köhler, 2018; Aparicio *et al.*, 2019d; Uetz *et al.*, 2025.

***Tropidurus madeiramamore* Carvalho, Paredero, Villalobos-Chaves, Ferreira, Rodrigues & Curcio, 2024**

Type: MZUSP 107155 (Holotype).

Type locality: Floresta Nacional do Jamari, Município de Itapuã de Oeste, Estado de Rondônia, Brazil.

Distribution: Bolivia and Brazil.

Remarks: Recorded in the department of Beni.

Selected references: Carvalho *et al.*, 2024; Langstroth *et al.*, 2025; Uetz *et al.*, 2025.

***Tropidurus melanopleurus* Boulenger, 1902**

Fig. 62 - Map. 92

Type: BMNH 1946.8.29.66-67 (Type).

Type locality: Tamampoya, Bolivia.

Distribution: Argentina and Bolivia.

Remarks: Recorded in the departments of Beni, La Paz, Chuquisaca, Cochabamba, Santa Cruz and Tarija. Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Müller, 1923; Mertens, 1929; Fugler, 1989; Cei, 1993; Pérez-Mellado & De la Riva, 1993; Dirksen *et al.*, 1995; Lavilla *et al.*, 1996; Harvey, 1997; Dirksen & De la Riva, 1999; Padial *et al.*, 2003; Domic & Cortez, 2009d; Carvalho, 2013; Montaña, 2013; Abdala *et al.*, 2017; Aparicio *et al.*, 2021b; Uetz *et al.*, 2025.

***Tropidurus spinulosus* (Cope, 1862)**

Fig. 63 - Map. 93

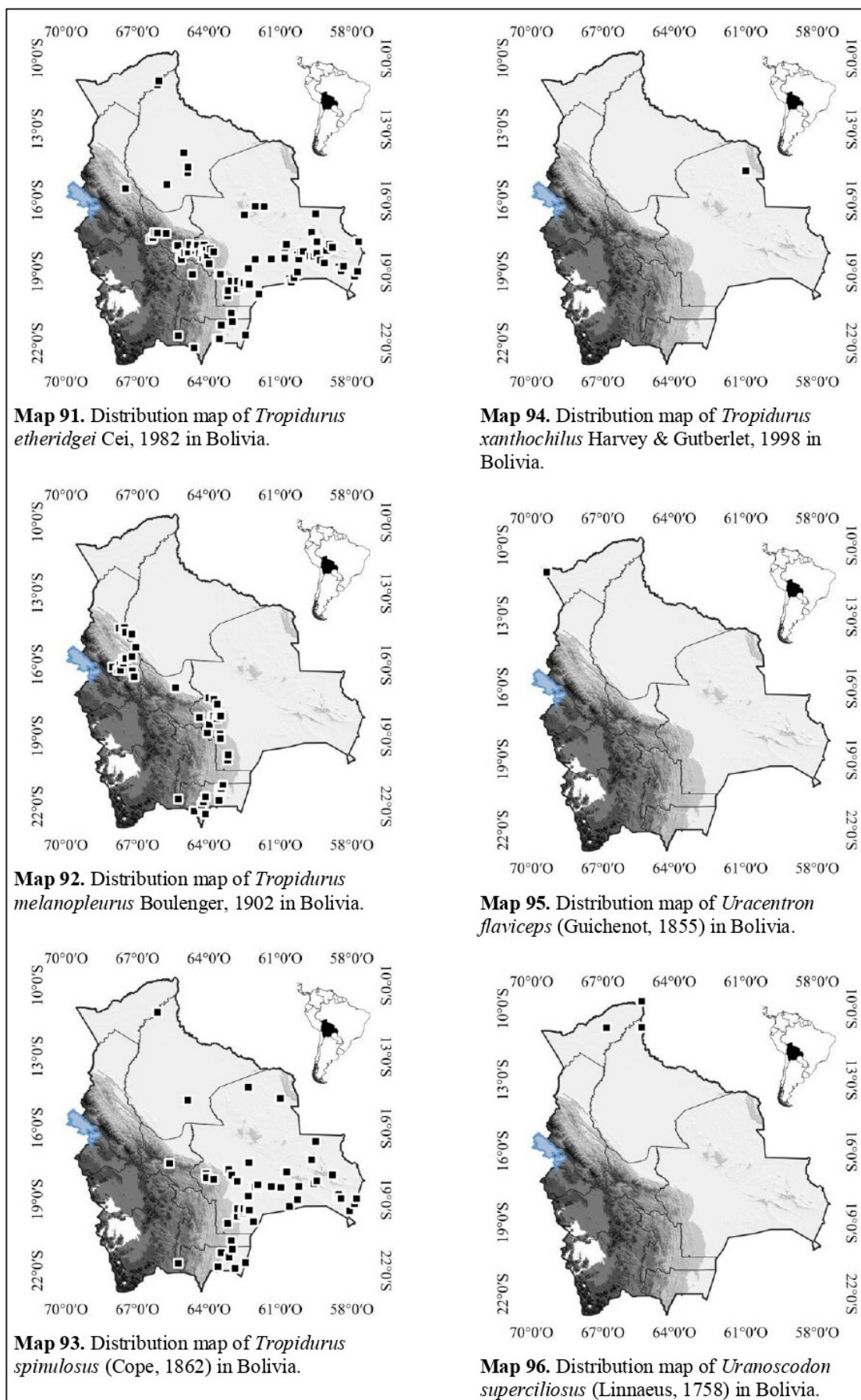
Type: USNM 5956 (Holotype).

Type locality: "Paraguay".

Distribution: Argentina, Bolivia and Paraguay.

Remarks: Recorded in the departments of Beni, Chuquisaca, Cochabamba, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Griffin, 1917; Gans, 1960; Hellmich, 1960; Gallardo, 1969; De la Riva *et al.*, 1992; Frost, 1992; Cei, 1993; Norman, 1994; Gonzales, 1998; Harvey & Gutberlet, 1998; Dirksen & De la Riva, 1999; Padial *et al.*, 2003; Carvalho, 2013; Montaña, 2013; Cacciali *et al.*, 2016a; Cacciali *et al.*, 2016c; Pinto-Viveros *et al.*, 2017; Cacciali &



Köhler, 2018; Rivas *et al.*, 2022; Uetz *et al.*, 2025.

***Tropidurus xanthochilus* Harvey & Gutberlet, 1998**
Map. 94

Type: UTA R-38052 (Holotype).

Type locality: El Refugio Biological Reserve, Provincia Velasco, Dept. Santa Cruz, Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in the department of Santa Cruz. Categorized as NT (MMAYA, 2009) and VU (IUCN, 2022).

Selected references: Harvey, 1995; Harvey & Gutberlet, 1998; Dirksen & De la Riva, 1999; Domic & Cortez, 2009e; Gomes De Carvalho, 2013; Aguayo *et al.*, 2017d; Uetz *et al.*, 2025.

Genus *Uracentron* Kaup, 1827

***Uracentron flaviceps* (Guichenot, 1855)**

Map. 95

Type: MNHN-RA 6882 (Holotype).

Type locality: Misión de Sarayacu, Perú.

Distribution: Bolivia, Brazil, Colombia, Ecuador and Peru.

Remarks: Recorded in the department of Pando. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Guichenot, 1855; Duellman, 1978; Frost, 1992; Avila-Pires, 1995; Harvey & Gutberlet, 2000; Frost *et al.*, 2001; Pianka & Vitt, 2003; Moravec & Aparicio, 2005; Avila-Pires *et al.*, 2019e; Uetz *et al.*, 2025.

Genus *Uranoscodon* Kaup, 1825

***Uranoscodon superciliosus* (Linnaeus, 1758)**

Fig. 64 - Map. 96

Type: NRM 109-110 and ZMB 591 (Syntypes).

Type locality: "Indiis" in error.

Distribution: Bolivia, Brazil, Colombia, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni and Pando. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Kaup, 1825; Frost, 1992; Avila-Pires, 1995; Dirksen & De la Riva, 1999; Páez *et al.*, 2019; Uetz *et al.*, 2025.

Family Gymnophthalmidae Merrem, 1820

Genus *Bachia* Gray, 1845

***Bachia cacerensis* Castrillon & Strussman, 1998**

Fig. 65 - Map. 97

Type: ZUEC 01523 (Holotype).

Type locality: Cáceres, Mato Grosso, Brazil.

Distribution: Bolivia and Brazil.

Remarks: Recorded in the department of Santa Cruz. The record of *B. dorbignyi* in the department of Santa Cruz, Lomas de Arena (Dirksen & De La Riva, 1999) corresponds to *B. cacerensis*. In the review of the Bolivian reptile collection of the Estación Biológica de Doñana - EBD-CSIC, we found that the specimen EBD37695H presents morphological characters that correspond with those described by Castrillon & Strussman in 1998 for *B. cacerensis*, this is the first record of the species for Bolivia, extending the distribution of the species 618 km. towards the southwest from the nearest record in Brasil (Castrillon & Strussman, 1998). Langstroth (2005) had already suggested the possibility of this new record. Categorized as NE (MMAYA, 2009) and DD (IUCN, 2022).

Selected references: Castrillon & Strussman, 1998; Dirksen & De la Riva, 1999; Langstroth, 2005; Silveira *et al.*, 2019a; Uetz *et al.*, 2025.

Especimens Examined: SANTA CRUZ: Lomas de Arena (EBD37695H).

***Bachia dorbignyi* (Duméril & Bibron, 1839)**

Fig. 66 - Map. 98

Type: MNHN-RA 2841 (Holotype).

Type locality: Santa Cruz de la Sierra, Bolivia.

Distribution: Bolivia, Brazil and Peru.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Duméril & Bibron, 1839; Gray, 1845; Garman, 1892; Griffin, 1917; Procter, 1921; Burt & Burt, 1931; Vanzolini, 1961; Peters & Donoso-Barros, 1970; Dixon, 1973; Aparicio, 1992; De la Riva *et al.*, 1992; Avila-Pires, 1995; Dirksen, 1995; Lavilla *et al.*, 1996; Gonzales, 1998; Padial *et al.*, 2003; Cortez, 2005; Freitas *et al.*, 2011; Montañó, 2013; Prudente *et al.*, 2013; Texeira *et al.*, 2013; Ribeiro-Júnior & Amaral, 2016a; Ribeiro-Júnior *et al.*, 2016; Ribeiro-Júnior & Amaral, 2017; Aparicio *et al.*, 2019f; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

***Bachia trisanale* (Cope, 1868)**

Type: ANSP 9637 (Holotype).

Type locality: Napo or upper Marañón, Ecuador.

Distribution: Bolivia, Brazil, Colombia, Ecuador and Peru.

Remarks: Recorded in the department of La Paz.



Figure 64. *Uranoscodon superciliosus* from Federico Roman, department of Pando. Photo: Lucindo Gonzales.



Figure 65. *Bachia cacerensis* from Lomas de Arena, department of Santa Cruz. Photo: Ignacio De la Riva.



Figure 66. *Bachia dorbignyi* from Alto Madidi, department of La Paz. Photo: Mauricio Ocampo.



Figure 67. *Cercosaura argulus* from Alto Madidi, department of La Paz. Photo: Mauricio Ocampo.



Figure 68. *Cercosaura eigenmanni* from Guarayos, department of Santa Cruz. Photo: Lucindo Gonzales.



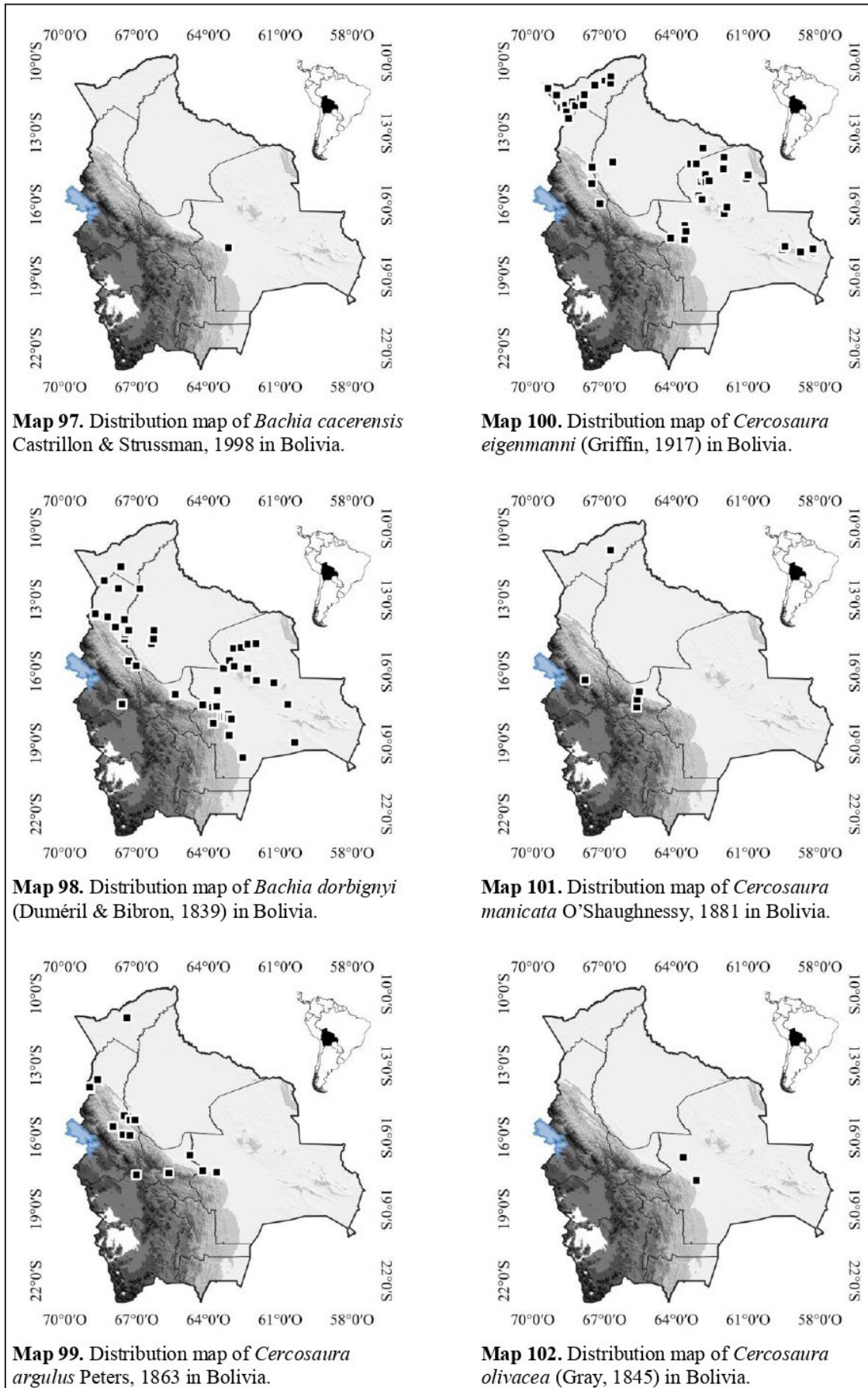
Figure 69. *Cercosaura manicata* from Sehuencas-P. N. Carrasco, department of Cochabamba. Photo: Oliver Quinteros-Muñoz.



Figure 70. *Cercosaura parkeri* from Sipia Madidi, department of La Paz. Photo: Mauricio Ocampo.



Figure 71. *Cercosaura schreibersii* from Samaipata, department of Santa Cruz. Photo: Ignacio De la Riva.



Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Cope, 1868; Procter, 1921; Lehr, 2002; Pérez *et al.*, 2002; Langstroth, 2005; Teixeira *et al.*, 2013; Aparicio *et al.*, 2019g; Uetz *et al.*, 2025.

Genus *Cercosaura* Wagler, 1830

***Cercosaura argulus* Peters, 1863**

Fig. 67 - Map. 99

Type: ZMB 4555 (Holotype).

Type locality: Cundinamarca, Colombia.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana and Peru.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Andersson, 1914; Peters & Donoso-Barros, 1970; Uzzell, 1970; Uzzell, 1973; Duellman, 1978; Lavilla *et al.*, 1996; Dirksen & De la Riva, 1999; Lehr, 2002; Pianka & Vitt, 2003; Doan, 2003b; Moravec & Aparicio, 2004; Doan & Lamar, 2012; Torres-Carvajal *et al.*, 2015; Echevarria *et al.*, 2015; Sturaro *et al.*, 2017; Caicedo *et al.*, 2019g; Torres-Carvajal *et al.*, 2019; Eversole *et al.*, 2021; Aparicio *et al.*, 2021b; Uetz *et al.*, 2025.

***Cercosaura bassleri* Ruibal, 1952**

Type: AMNH 23191 (Holotype).

Type locality: Perené, Rio Perené, Peru.

Distribution: Bolivia, Brazil and Peru.

Remarks: Recorded in the department of La Paz. Categorized as NE (MMAYA, 2009).

Selected references: Ruibal, 1952; Peters & Donoso-Barros, 1970; Avila-Pires, 1995; Lehr, 2002; Dixon & Soini, 1975; Torres-Carvajal *et al.*, 2015; Ribeiro-Júnior & Amaral, 2017; Sturaro *et al.*, 2018; Uetz *et al.*, 2025.

***Cercosaura eigenmanni* (Griffin, 1917)**

Fig. 68 - Map. 100

Type: CM 981 (Holotype).

Type locality: Provincia del Sara, Bolivia.

Distribution: Bolivia, Brazil and Peru.

Remarks: Recorded in the departments of Beni, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Griffin, 1917; Peters & Donoso-Barros, 1970; Uzzell, 1973; Hoogmoed & Vaca, 1990; Avila-Pires, 1995; Lavilla *et al.*, 1996; Dirksen & De

la Riva, 1999; Doan, 2003b; Moravec & Aparicio, 2004; Moravec & Aparicio, 2005; Doan & Lamar, 2012; Aparicio *et al.*, 2019c; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

***Cercosaura manicata* O'Shaughnessy, 1881**

Fig. 69 - Map. 101

Type: BMNH 1946.8.2.1 and BMNH 1946.8.31.15-17 (Syntypes).

Type locality: Canelos and Pallatanga, Ecuador.

Distribution: Bolivia, Colombia, Ecuador and Peru. **Remarks:** Recorded in the departments of Beni, Cochabamba and La Paz. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: O'shaughnessy, 1881; Werner, 1899; Werner, 1916; Peters & Donoso-Barros, 1970; Duellman, 1978; Fugler, 1989; Dirksen & De la Riva, 1999; Doan, 2003b; Doan & Lamar, 2012; Catenazzi *et al.*, 2013; Caicedo *et al.*, 2017; Mamani *et al.*, 2020; Uetz *et al.*, 2025.

***Cercosaura olivacea* (Gray, 1845)**

Map. 102

Type: ZMB 899 (Holotype).

Type locality: Pernambuco, Brazil.

Distribution: Argentina, Bolivia and Brazil.

Remarks: Recorded in the department of Santa Cruz. Categorized as NE (MMAYA, 2009).

Selected references: Gray, 1845; Peters, 1862; Tedesco & Aguire, 1998; Sturaro, 2018; Uetz *et al.*, 2025.

***Cercosaura parkeri* (Ruibal, 1952)**

Fig. 70 - Map. 103

Type: MCZ 20627 (Holotype).

Type locality: Buenavista, Departamento de Santa Cruz, Bolivia.

Distribution: Argentina, Bolivia, Brazil and Peru.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Santa Cruz and Tarija. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

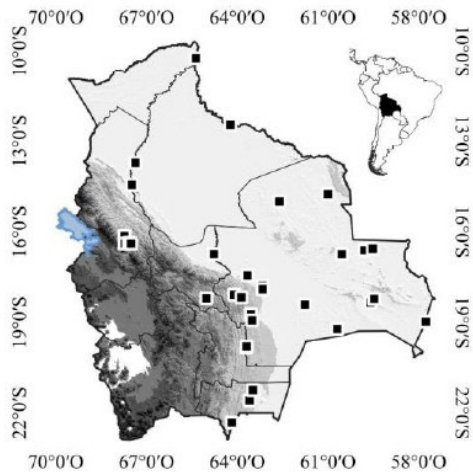
Selected references: Ruibal, 1952; Meier, 1983; Tedesco & Cei, 1999; Doan, 2003b; Langstroth, 2005; Doan & Lamar, 2012; Barreto *et al.*, 2012; Bernarde, 2016; Aparicio *et al.*, 2019e; Rivas *et al.*, 2022; Uetz *et al.*, 2025.

***Cercosaura schreibersii* Wiegmann, 1834**

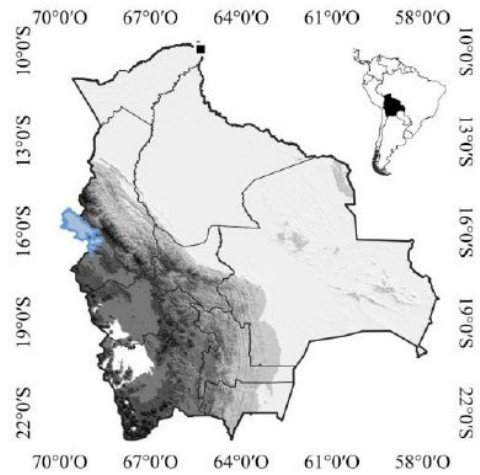
Fig. 71 - Map. 104

Type: ZMB 898 (Holotype)

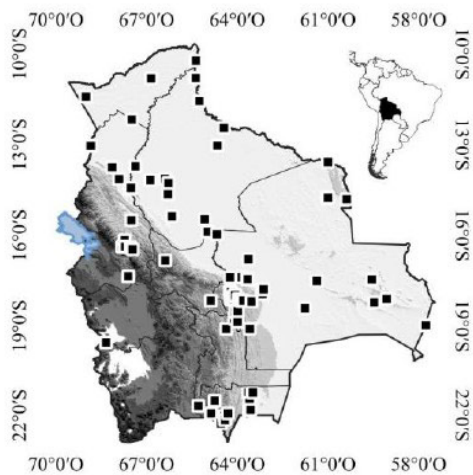
Type locality: Brazil.



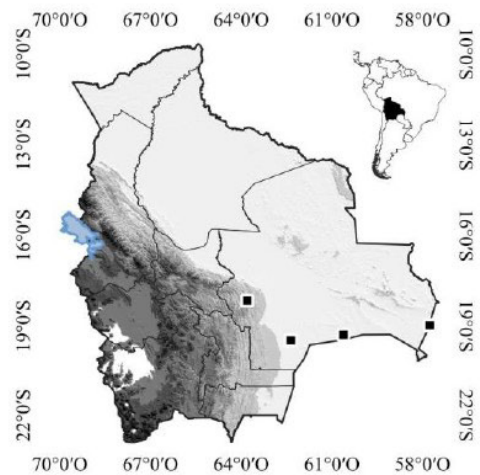
Map 103. Distribution map of *Cercosaura parkeri* (Ruibal, 1952) in Bolivia.



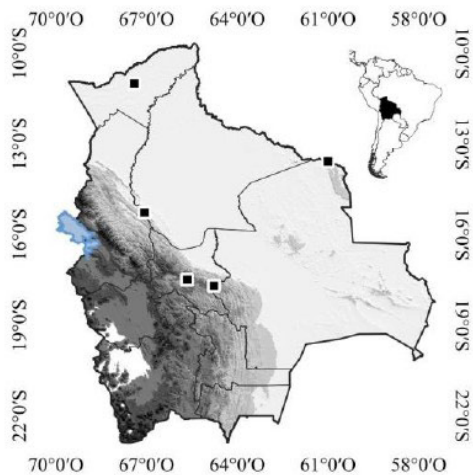
Map 106. Distribution map of *Loxopholis percarinatum* (Müller, 1923) in Bolivia.



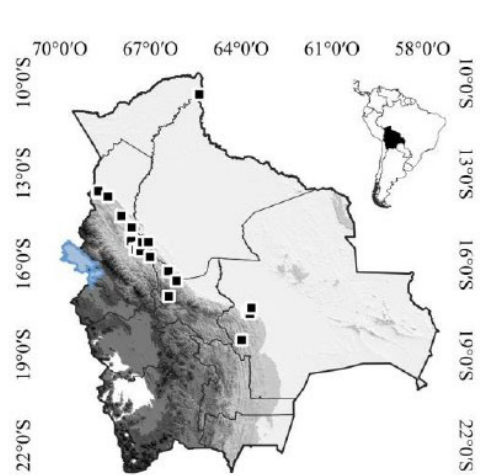
Map 104. Distribution map of *Cercosaura schreibersii* Wiegmann, 1834 in Bolivia.



Map 107. Distribution map of *Micrablepharus maximiliani* (Reinhardt & Lütken, 1862) in Bolivia.



Map 105. Distribution map of *Iphisa elegans* Gray, 1851 in Bolivia.



Map 108. Distribution map of *Potamites ecpleopus* (Cope, 1876) in Bolivia.

Distribution: Argentina, Bolivia, Brazil, Paraguay and Uruguay.

Remarks: Recorded in the departments of Beni, Chuquisaca, Cochabamba, La Paz, Santa Cruz and Tarija. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Burt & Burt, 1931; Ruibal, 1952; Hellmich, 1960; Gallardo, 1966; Peters & Donoso-Barros, 1970; Fugler, 1989; Bauer & Günther, 1994; Dirksen *et al.*, 1995; Harvey, 1995; Lavilla *et al.*, 1996; Harvey, 1997; Dirksen & De la Riva, 1999; Doan, 2003b; Padial *et al.*, 2003; Carreira & Meneghel, 2005; Rodrigues *et al.*, 2007; Cacciali, 2010; Mendoza, 2010; Doan & Lamar, 2012; Montaña, 2013; Zaracho *et al.*, 2014; Goicoechea *et al.*, 2016; Torres-Carvajal *et al.*, 2016; Carreira *et al.*, 2019; Aparicio *et al.*, 2021b; Uetz *et al.*, 2025.

Genus *Iphisa* Gray, 1851

***Iphisa elegans* Gray, 1851**

Fig. 72 - Map. 105

Type: BMNH 1946.9.1.1 (Holotype)

Type locality: Pará, Brazil.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru and Suriname.

Remarks: Recorded in the departments of Cochabamba, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Gray, 1851; Gray, 1852; Peters & Donoso-Barros, 1970; Dixon, 1974; Duellman, 1978; Avila-Pires, 1995; Harvey *et al.*, 1998; Dirksen & De la Riva, 1999; Castoe *et al.*, 2004; Moravec & Aparicio, 2004; Nunes *et al.*, 2012; Cole *et al.*, 2013; Calderón *et al.*, 2019c; Uetz *et al.*, 2025.

Genus *Loxopholis* Cope, 1869

***Loxopholis percarinatum* (Müller, 1923)**

Map. 106

Type: ZSM 140/1911 (Holotype)

Type locality: Peixeboi, Estado do Pará, Brazil.

Distribution: Bolivia, Brazil, Colombia, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the department of Pando. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Müller, 1923; Burt & Burt, 1931; Peters & Donoso-Barros, 1970; Ayala, 1986; Avila-Pires, 1995; Gorzula & Señaris, 1999; Castoe *et al.*, 2004; Langstroth, 2005; Aguayo & Quinteros-Muñoz, 2008; Ribeiro-Júnior & Amaral, 2016; Goicoechea *et al.*, 2016; Calderón *et al.*, 2019a; Uetz

et al., 2025.

Genus *Micrablepharus* Boettger, 1885

***Micrablepharus maximiliani* (Reinhardt & Lütken, 1862)**

Map. 107

Type: ZMUC (Holotype).

Type locality: Maruim, Sergipe, Brazil.

Distribution: Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Chuquisaca and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Reinhardt & Lütken, 1862; Peters & Donoso-Barros, 1970; Avila-Pires, 1995; Gonzales, 1998; Dirksen & De la Riva, 1999; Castoe *et al.*, 2004; Cacciali, 2010; Montaña, 2013; Cacciali *et al.*, 2016a; Scott *et al.*, 2019b; Uetz *et al.*, 2025.

Genus *Potamites* Doan & Castoe, 2005

***Potamites ecpleopus* (Cope, 1876)**

Map. 108

Type: Lost (Holotype).

Type locality: Peru.

Distribution: Bolivia, Brazil, Colombia, Ecuador and Peru.

Remarks: Recorded in the departments of Beni, La Paz and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: O'shaughnessy, 1879; Werner, 1910; Uzzell, 1966; Peters & Donoso-Barros, 1970; Duellman, 1978; Fugler, 1984; Montero *et al.*, 1995; Lavilla *et al.*, 1996; Dirksen & De la Riva, 1999; Castoe *et al.*, 2004; Cortez, 2005; Doan & Castoe *et al.*, 2005; Chávez & Vásquez, 2012; Prudente *et al.*, 2013; Ribeiro-Júnior, 2013; Cisneros-Heredia & Calderón 2019; Uetz *et al.*, 2025.

***Potamites ocellatus* (Sinitsin, 1930)**

Fig. 73 - Map. 109

Type: AMNH 22512 (Holotype).

Type locality: Rurrenabaque, Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in the departments of Beni, Cochabamba and La Paz. Categorized as VU (MMAYA, 2009) and VU (IUCN, 2022).

Selected references: Sinitsin, 1930; Vanzolini, 1995; Dirksen & De la Riva, 1999; Doan & Castoe *et al.*, 2005; Cortez & Aguayo, 2009a; Montaña, 2013; Aparicio *et al.*, 2017; Uetz *et al.*, 2025.



Figure 72. *Iphisa elegans* from Sagusa, department of Pando. Photo: Steffen Reichle.



Figure 76. *Proctoporus xestus* from Sehuencas, department of Cochabamba. Photo: Teresa Camacho-Badani.



Figure 73. *Potamites ocellatus* from Serranía de Bellavista, department of La Paz. Photo: Ignacio De la Riva.



Figure 77. *Vanzosaura rubricauda* from Margarita, department of Tarija. Photo: Lucindo Gonzales.



Figure 74. *Proctoporus bolivianus* from Pelechuco, department of La Paz. Photo: Ignacio De la Riva.



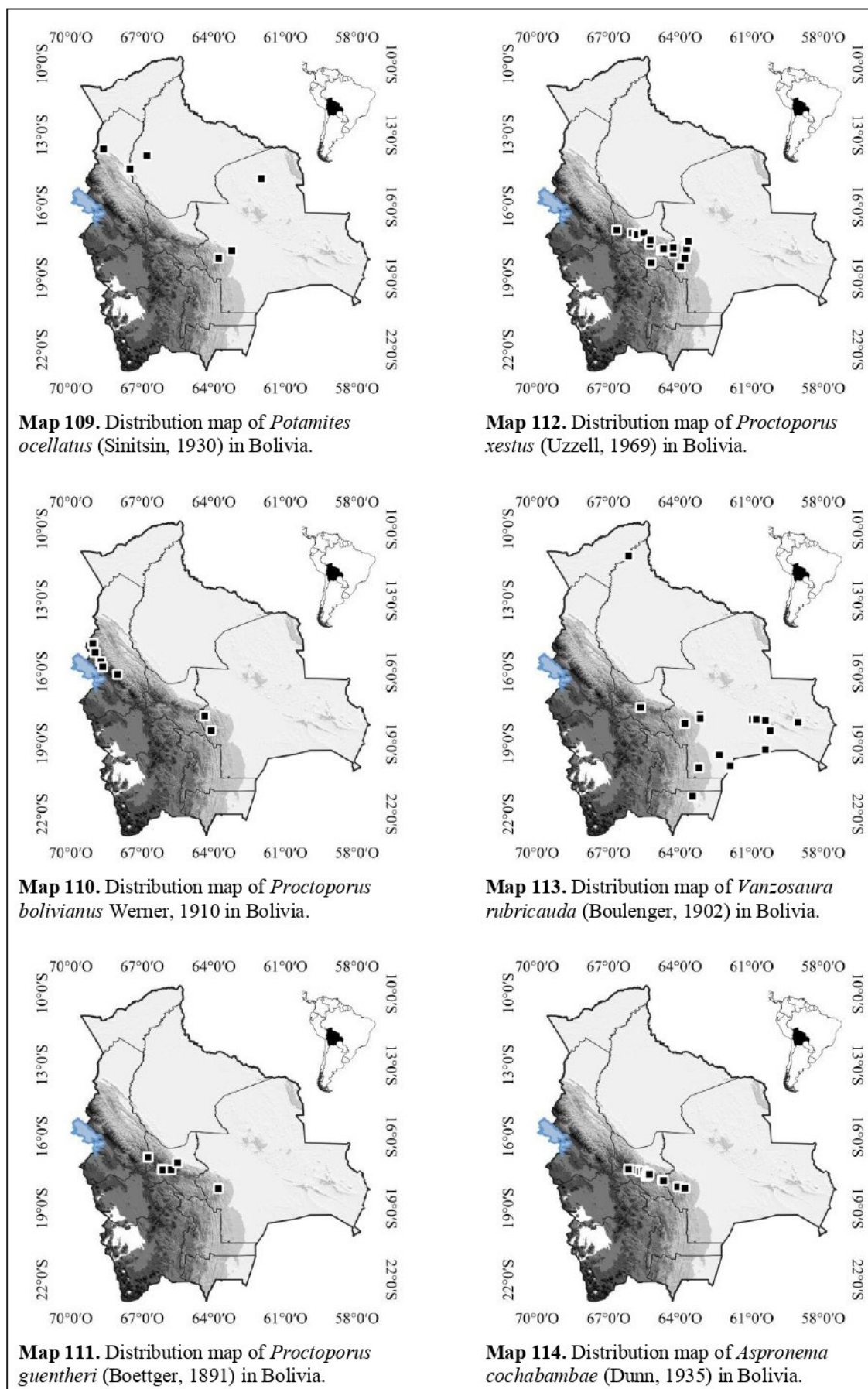
Figure 78. *Aspronema cochabambae* from Toralapa Baja, department of Cochabamba. Photo: Teresa Camacho-Badani.



Figure 75. *Proctoporus guentheri* from Sehuencas, department of Cochabamba. Photo: Oliver Quinteros-Muñoz.



Figure 79. *Manciola guaporicola* from Palmar de las Islas, department of Santa Cruz. Photo: Lucindo Gonzales.



Genus *Proctoporus* Tschudi, 1845

***Proctoporus bolivianus* Werner, 1910**

Fig. 74 - Map. 110

Type: Lost (Holotype), CBF 3437 (Neotype).

Type locality: Sorata, Dpto. La Paz, Bolivia.

Distribution: Bolivia and Peru.

Remarks: Recorded in the departments of La Paz and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Werner, 1910; Andersson, 1914; Dirksen & De la Riva, 1999; Doan, 2003a; Doan & Schargel, 2003; Doan *et al.*, 2005; Goicoechea *et al.*, 2013; Aguayo *et al.*, 2016d; Uetz *et al.*, 2025.

***Proctoporus guentheri* (Boettger, 1891)**

Fig. 75 - Map. 111

Type: BMNH 1946.8.31.22 (Type)

Type locality: Sorata, Bolivia.

Distribution: Bolivia and Peru.

Remarks: Recorded in the departments of Cochabamba and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Boettger, 1891; Peters & Donoso-Barros, 1970; Uzzell, 1970; Emmons, 1991; Dirksen, 1995; Dirksen & De la Riva, 1999; Doan, 2003a; Doan & Schargel, 2003; Mendoza, 2010; Moravec & Langstroth, 2019; Uetz *et al.*, 2025.

***Proctoporus xestus* (Uzzell, 1969)**

Fig. 76 - Map. 112

Type: UMMZ 128835 (Holotype)

Type locality: Incachaca, Cochabamba, Bolivia.

Distribution: Argentina, Bolivia and Peru.

Remarks: Recorded in the departments of Cochabamba, Chuquisaca and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Uzzell, 1969; Ceï, 1993; Köhler *et al.*, 1995; Harvey, 1997; Dirksen & De la Riva, 1999; Avila *et al.*, 2013; Goicoechea *et al.*, 2013; Montaña, 2013; Cacciali *et al.*, 2016a; Uetz *et al.*, 2025.

Genus *Vanzosaura* Rodrigues, 1991

***Vanzosaura rubricauda* (Boulenger, 1902)**

Fig. 77 - Map. 113

Type: BMNH 1946.8.2.22 (Type)

Type locality: Cruz del Eje, Córdoba, Argentina.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Beni, Cochabamba, Santa Cruz, and Tarija. Categorized

as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Werner, 1910; Gallardo, 1951; Hellmich, 1960; Gallardo, 1969; Peters & Donoso-Barros, 1970; Ceï, 1986; Rodrigues, 1991; Vanzolini, 1991; Gonzales, 1998; Dirksen & De la Riva, 1999; Ziegler *et al.*, 2002a; Castoe *et al.*, 2004; Freitas & Silva, 2005; Cacciali, 2010; Avila *et al.*, 2013; Montaña, 2013; Recoder *et al.*, 2014; Cacciali *et al.*, 2016b; Cacciali *et al.*, 2019a; Uetz *et al.*, 2025.

Family Scincidae Gray, 1825

Genus *Aspronema* Hedges & Conn, 2012

***Aspronema cochabambae* (Dunn, 1935)**

Fig. 78 - Map. 114

Type: UMMZ 68094 (Holotype)

Type locality: Pocona, Dep. Cochabamba, Bolivia.

Distribution: Argentina and Bolivia.

Remarks: Recorded in the departments of Cochabamba and Santa Cruz. Categorized as VU (MMAYA, 2009) and VU (IUCN, 2022).

Selected references: Dunn, 1935; Fugler, 1989; De la Riva *et al.*, 1992; Dirksen & De la Riva, 1999; Mausfeld *et al.*, 2002; Padial *et al.*, 2003; Harvey *et al.*, 2008a; Aguayo & Harvey, 2009; Mendoza, 2010; Hedges & Conn, 2012; Montaña, 2013; Aguayo *et al.*, 2017e; Burgos-Gallardo & Harvey, 2019; Uetz *et al.*, 2025.

***Aspronema dorsivittatum* (Cope, 1862)**

Map. 115

Type: USNM 5405 (Holotype)

Type locality: Paraguay.

Distribution: Argentina, Bolivia, Brazil, Paraguay and Uruguay.

Remarks: Recorded in the department of Santa Cruz. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Boulenger, 1886; Hellmich, 1960; Peters & Donoso-Barros, 1970; Ceï, 1993; Dirksen & De la Riva, 1999; Greer & Nussbaum, 2000; Mausfeld *et al.*, 2002; Carreira *et al.*, 2005; Cabrera, 2009; Hedges & Conn, 2012; Cacciali *et al.*, 2016a; Kacolis *et al.*, 2020; Rivera *et al.*, 2020; Uetz *et al.*, 2025.

Genus *Copeoglossum* Tschudi, 1845

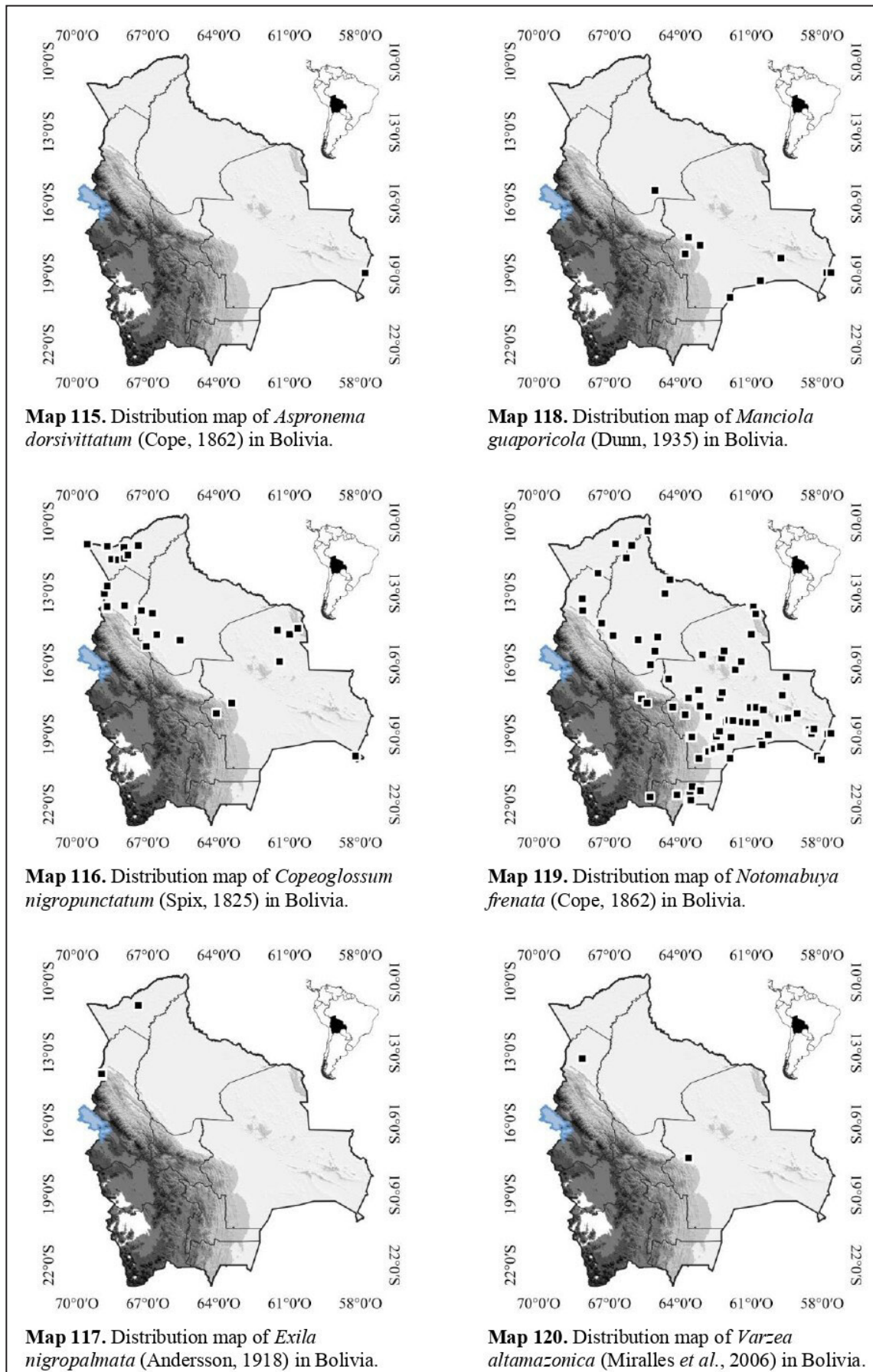
***Copeoglossum nigropunctatum* (Spix, 1825)**

Map. 116

Type: Lost (Holotype), MPEG 15248 (Neotype).

Type locality: Ecgá, Brazil.

Distribution: Bolivia, Brazil, Colombia, Ecuador,



French Guiana, Guyana, Paraguay, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Spix, 1825; Dirksen, 1995; Harvey *et al.*, 1998; Dirksen & De la Riva, 1999; Greer *et al.*, 2000; Mausfeld *et al.*, 2002; Moravec & Aparicio, 2004; Cortez, 2005; Moravec & Aparicio, 2005; Whithworth & Beirne, 2011; Hedges & Conn, 2012; Pinto-Sánchez *et al.*, 2015; Cacciali *et al.*, 2016a; Cacciali *et al.*, 2019e; Torres-Carvajal *et al.*, 2019; Aparicio *et al.*, 2021b; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

Genus *Exila* Hedges & Conn, 2012

***Exila nigropalmata* (Andersson, 1918)**

Map. 117

Type: NRM 23258 (Lectotype).

Type locality: Rio Curucá, Brazil and San Fermin, Bolivia.

Distribution: Bolivia, Brazil and Peru.

Remarks: Recorded in the departments of La Paz and Pando. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Andersson, 1918; Peters & Donoso-Barros, 1970; Dirksen & De la Riva, 1999; Greer & Nussbaum, 2000; Mausfeld *et al.*, 2002; Moravec & Aparicio, 2004; Hedges & Conn, 2012; Ribeiro-Júnior & Amaral, 2016; Moravec *et al.*, 2019; Uetz *et al.*, 2025.

Genus *Manciola* Hedges & Conn, 2012

***Manciola guaporicola* (Dunn, 1935)**

Fig. 79 - Map. 118

Type: CM P-962 (Holotype).

Type locality: Bastos Farm on Río Alegre, Headwaters of Río Guaporé, western Mato Grosso, Brazil.

Distribution: Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Beni and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Dunn, 1935; Peters & Donoso-Barros, 1970; Fugler, 1989; Harvey *et al.*, 1998; Dirksen & De la Riva, 1999; Greer *et al.*, 2000; Mausfeld *et al.*, 2002; Hedges & Conn, 2012; Montaña, 2013; Cacciali *et al.*, 2016a; Cacciali *et al.*, 2019d; Rivas *et al.*, 2021b; Uetz *et al.*, 2025.

Genus *Notomabuya* Hedges & Conn, 2012

***Notomabuya frenata* (Cope, 1862)**

Fig. 80 - Map. 119

Type: ANSP 9395 and USNM 5855 (Syntypes).

Type locality: Río Paraguay valley, Paraguay.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Beni, Cochabamba, Chuquisaca, La Paz, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Dunn, 1935; Gans, 1960; Hellmich, 1960; Gallardo, 1968; Fugler, 1989; De la Riva, 1993; Cej, 1993; Norman, 1994; Dirksen, 1995; Lavilla *et al.*, 1996; Scrocchi & Gonzales, 1996a; Gonzales, 1998; Dirksen & De la Riva, 1999; Greer *et al.*, 2000; Mausfeld *et al.*, 2002; Hedges & Conn, 2012; Montaña, 2013; Cacciali *et al.*, 2016a; Cacciali *et al.*, 2019f; Uetz *et al.*, 2025.

Genus *Varzea* Hedges & Conn, 2012

***Varzea altamazonica* (Miralles, Barrio-Amoros, Rivas, Chaparro-Auza, 2006)**

Fig. 81 - Map. 120

Type: MNHN-RA 2006.0291 (Holotype).

Type locality: Rio Cainarachi, Departamento San Martin, Peru.

Distribution: Bolivia, Brazil, Colombia, Ecuador and Peru.

Remarks: Recorded in the departments of Beni, La Paz and Santa Cruz. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Miralles *et al.*, 2006; Harvey *et al.*, 2008a; Hedges & Conn, 2012; Pinto-Sánchez *et al.*, 2015; Ribeiro-Júnior & Amaral, 2016a; Torres-Carvajal *et al.*, 2019; Cisneros-Heredia *et al.*, 2021; Uetz *et al.*, 2025.

Family Teiidae Gray, 1827

Genus *Ameiva* Meyer, 1795

***Ameiva ameiva* (Linnaeus, 1758)**

Fig. 82 - Map. 121

Type: NHRM (2 specimen) and 1 in Gyllenborg collection (Syntypes).

Type locality: "America".

Distribution: Argentina, Bolivia, Brazil, Colombia, Costa Rica, Ecuador, French Guiana, Guyana, Honduras, Panama, Paraguay, Peru, Suriname, Trinidad and Tobago, United States and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, Chuquisaca, La Paz, Pando, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).



Figure 80. *Notomabuya frenata* from Puerto Almacén, department of Santa Cruz. Photo: Ignacio De la Riva.



Figure 81. *Varzea altamazonica* from Alto Beni, department of La Paz. Photo: Mauricio Ocampo.



Figure 82. *Ameiva ameiva* from Villa Tunari, department of Cochabamba. Photo: Pedro Gómez-Murillo.



Figure 83. *Contomastix vittata* from Pojo, department of Cochabamba. Photo: Luis Rolando Rivas.



Figure 84. *Dracaena paraguayensis* from Otuquis, department of Santa Cruz. Photo: Steffen Reichle.



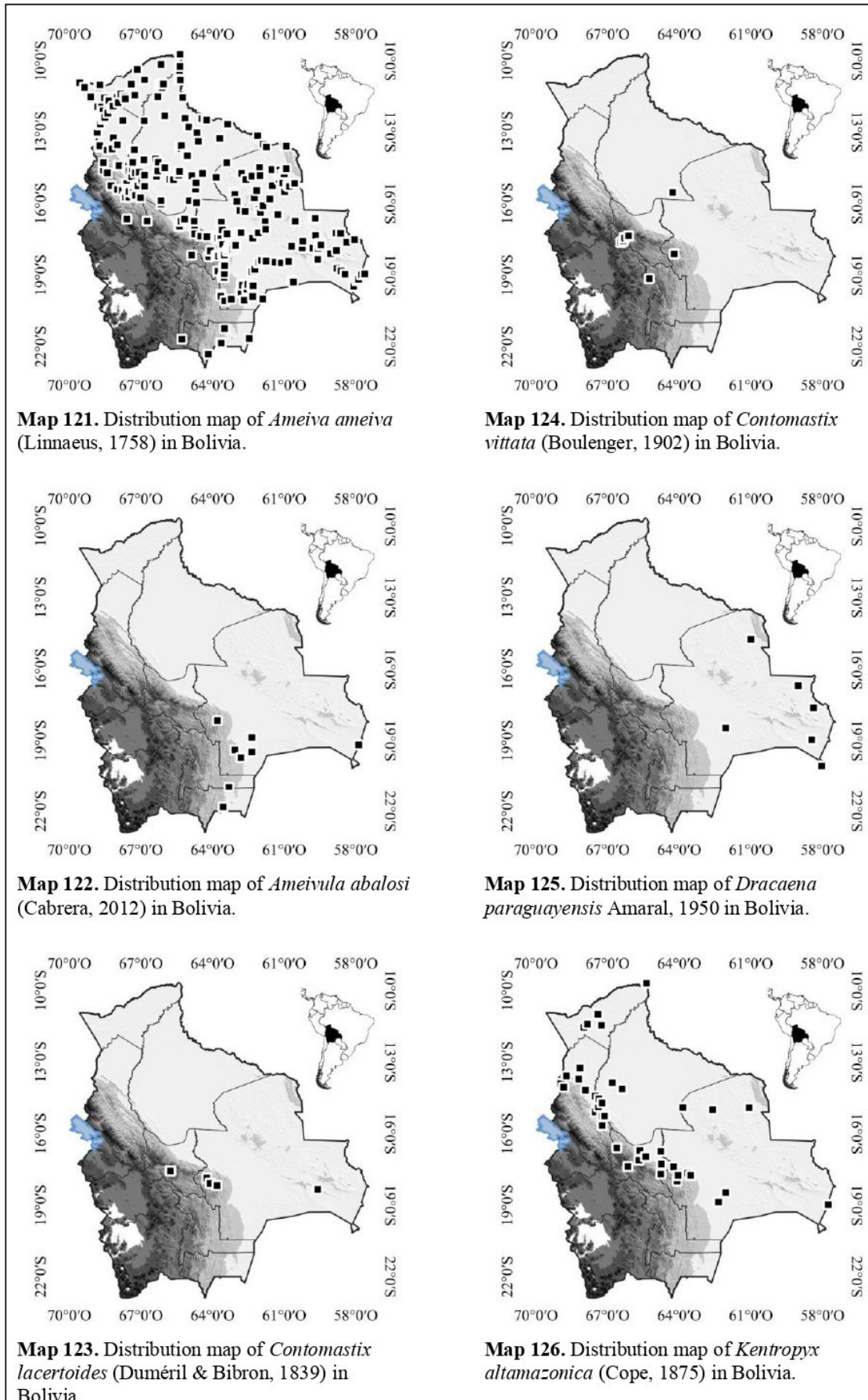
Figure 85. *Kentropyx altamazonica* from Amboró, department of Santa Cruz. Photo: Ignacio De la Riva.



Figure 86. *Kentropyx pelviceps* from Sagusa, department of Pando. Photo: Steffen Reichle.



Figure 87. *Kentropyx vanzoi* from Heath Madidi, department of La Paz. Photo: Mauricio Ocampo.



Selected references: Linnaeus, 1758; Shaw & Nodder, 1809; Griffin, 1917; Procter, 1921; Mertens, 1929; Burt & Burt, 1930; Schmidt & Inger, 1951; Fugler, 1983; Fugler, 1984; Fugler, 1989; Hoogmoed & Vaca, 1990; Conant & Collins, 1991; Emmons, 1991; Aparicio, 1992; De la Riva *et al.*, 1992; Ceí, 1993; De la Riva, 1993; Dirksen, 1995; Harvey, 1995; Lavilla *et al.*, 1996; Pérez, 1997; Gonzales, 1998; Dirksen & De la Riva, 1999; Padial *et al.*, 2003; Moravec & Aparicio, 2004; Cortez, 2005; Moravec & Aparicio, 2005; Montaña, 2013; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Ibáñez *et al.*, 2019b; Gómez-Murillo & Arellano-Martín, 2020; Aparicio *et al.*, 2021b; Eversole *et al.*, 2021; Rivas *et al.*, 2022; Uetz *et al.*, 2025.

Genus *Ameivula* Harvey, Ugueto & Gutberlet, 2012

***Ameivula abalosi* (Cabrera, 2012)**

Map. 122

Type: UNNE 05676 (Holotype).

Type locality: La Libertad, Provincia de Formosa, Departamento Bermejo, Argentina.

Distribution: Argentina, Bolivia and Paraguay.

Remarks: Recorded in the departments of Chuquisaca, Santa Cruz and Tarija. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Hellmich, 1960; Dirksen & De la Riva, 1999; Cabrera, 2012; Montaña, 2013; Arzamendia *et al.*, 2016d; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Uetz *et al.*, 2025.

Genus *Contomastix* Harvey, Ugueto & Gutberlet, 2012

***Contomastix lacertoides* (Duméril & Bibron, 1839)**

Map. 123

Type: Lost (Holotype).

Type locality: Montevideo, Uruguay.

Distribution: Argentina, Bolivia, Brazil and Uruguay.

Remarks: Recorded in the departments of Cochabamba and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Duméril & Bibron, 1839; Boulenger, 1886; Burt, 1931; Gallardo, 1966; Maslin & Secoy, 1986; Ceí, 1993; Dirksen *et al.*, 1995; Dirksen & De la Riva, 1999; Padial *et al.*, 2003; Harvey *et al.*, 2012; Avila *et al.*, 2013; Cacciali *et al.*, 2020; Uetz *et al.*, 2025.

***Contomastix vittata* (Boulenger, 1902)**

Fig. 83 - Map. 124

Type: BMNH 1946.8.31.13 (Holotype).

Type locality: Parotani, Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in the departments of Chuquisaca, Cochabamba, Santa Cruz, and Potosí. Categorized as VU (MMAYA, 2009) and VU (IUCN, 2022).

Selected references: Vance, 1978; Maslin & Secoy, 1986; Dirksen & De la Riva, 1999; Muñoz & Rivas, 2009b; Harvey *et al.*, 2012; Montaña, 2013; Muñoz, 2017; Pinto-Viveros *et al.*, 2017; Rivas *et al.*, 2018; Uetz *et al.*, 2025.

Genus *Dracaena* Daudin, 1802

***Dracaena paraguayensis* Amaral, 1950**

Fig. 84 - Map. 125

Type: DZSJRP 696 (Holotype).

Type locality: São Lourenço, Mato Grosso, Brazil.

Distribution: Bolivia, Brazil and Paraguay.

Remarks: Recorded in the department of Santa Cruz. Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Amaral, 1950; Vanzolini & Valencia, 1966; Peters & Donoso-Barros, 1970; Harvey, 1995; Dirksen & De la Riva, 1999; Gonzales & Montaña, 2009c; Harvey *et al.*, 2012; Scott *et al.*, 2019a; Uetz *et al.*, 2025.

Genus *Kentropyx* Spix, 1825

***Kentropyx altamazonica* (Cope, 1875)**

Fig. 85 - Map. 126

Type: ANSP 13105 (Holotype)

Type locality: Moyabamba, Peru.

Distribution: Bolivia, Brazil, Colombia, Ecuador, Peru and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Peters & Donoso-Barros, 1970; Gallagher & Dixon, 1992; Avila-Pires, 1995; Lavilla *et al.*, 1996; Dirksen & De la Riva, 1999; Moravec & Aparicio, 2004; Harvey *et al.*, 2012; Montaña, 2013; Pinto-Viveros *et al.*, 2017; Calderón *et al.*, 2019g; Uetz *et al.*, 2025.

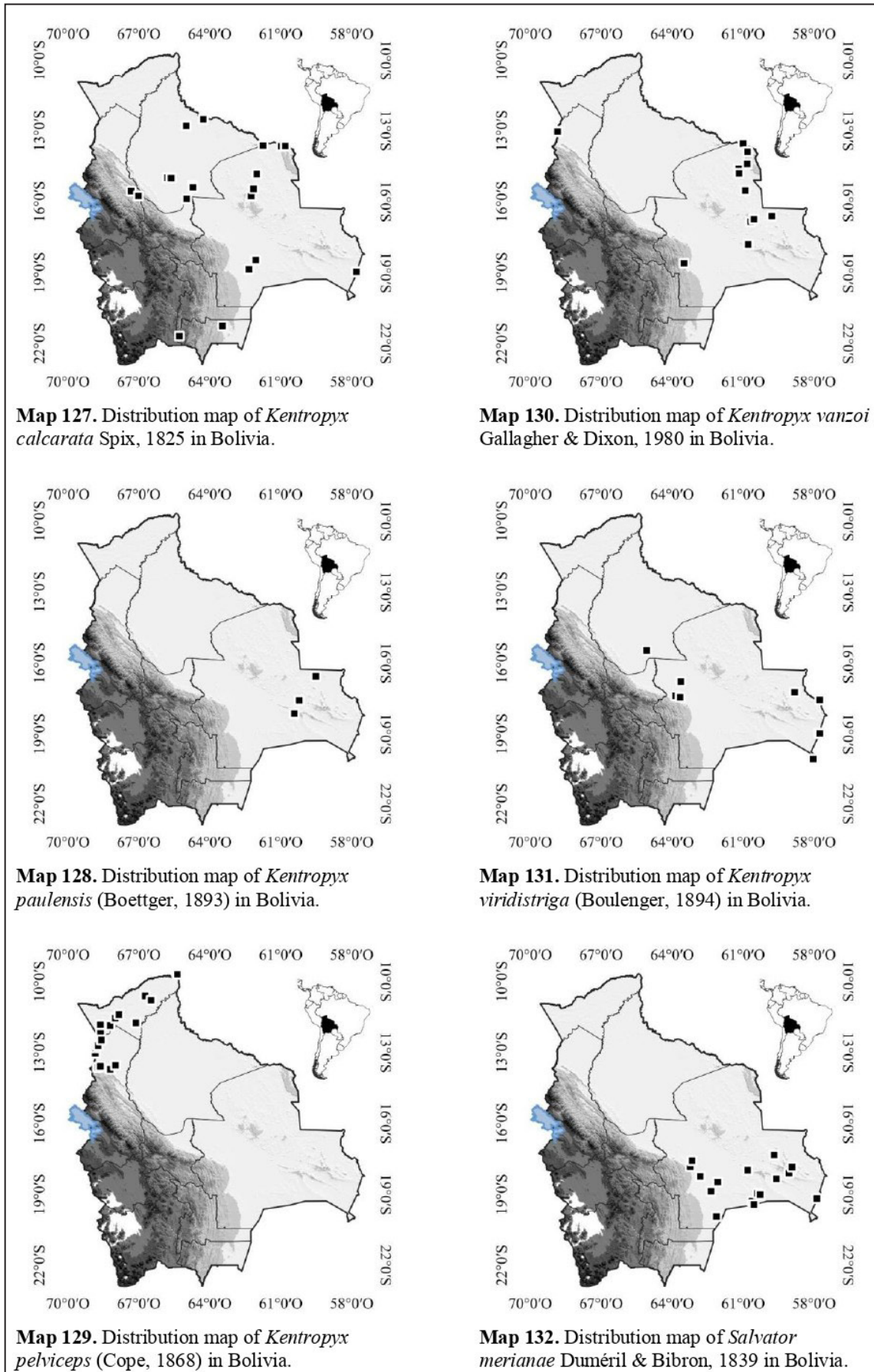
***Kentropyx calcarata* Spix, 1825**

Map. 127

Type: Lost (Holotype).

Type locality: Rio Itapicurú, Maranhão, Brazil.

Distribution: Bolivia, Brazil, Guyana, French



Guiana, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Spix, 1825; Duméril & Bibron, 1839; Gallagher & Dixon, 1992; De la Riva, 1993; Montero *et al.*, 1995; Scrocchi & Gonzales, 1996b; Gonzales, 1998; Dirksen & De la Riva, 1999; Avila-Pires *et al.*, 2012; Harvey *et al.*, 2012; Hoogmoed & Ouboter 2019b; Uetz *et al.*, 2025.

***Kentropyx paulensis* (Boettger, 1893)**

Map. 128

Type: SMF 11672 (Holotype).

Type locality: São Paulo, Brazil.

Distribution: Bolivia and Brazil.

Remarks: Recorded in the departments of La Paz and Santa Cruz. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Boettger, 1893; Peters *et al.*, 1970; Embert, 2005; Langstroth, 2005; Gallagher & Dixon, 1992; Harvey *et al.*, 2012; Silveira *et al.*, 2021a; Uetz *et al.*, 2025.

***Kentropyx pelviceps* (Cope, 1868)**

Fig. 86 - Map. 129

Type: ANSP 9556 (Holotype).

Type locality: Napo or Upper Amazon or Ecuador.

Distribution: Bolivia, Colombia, Ecuador and Peru.

Remarks: Recorded in the departments of La Paz and Pando. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Cope, 1868; Duellman, 1978; Avila-Pires, 1995; Dirksen & De la Riva, 1999; Cortez, 2005; Moravec & Aparicio, 2006; Whithworth & Beirne, 2011; Harvey *et al.*, 2012; Calderón *et al.*, 2019f; Uetz *et al.*, 2025.

***Kentropyx vanzoi* Gallagher & Dixon, 1980**

Fig. 87 - Map. 130

Type: MZUSP 36924 (Holotype).

Type locality: Mato Grosso, Brazil.

Distribution: Bolivia and Brazil.

Remarks: Recorded in the departments of La Paz and Santa Cruz. Categorized as LC (MMAYA, 2009) and NT (IUCN, 2022).

Selected references: Gallagher & Dixon, 1980; Montero *et al.*, 1995; Dirksen & De la Riva, 1999; Pianka & Vitt, 2003; Langstroth, 2005; Harvey *et al.*, 2012; Ribeiro-Júnior & Amaral, 2016; Silveira *et al.*, 2021b; Uetz *et al.*, 2025.

***Kentropyx viridistriga* (Boulenger, 1894)**

Map. 131

Type: BMNH 1946.8.29.31 (Type).

Type locality: near Asunción, Paraguay.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Beni and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Hellmich, 1960; Peters & Donoso-Barros, 1970; Gallagher & Dixon, 1992; Lavilla *et al.*, 1996; Dirksen & De la Riva, 1999; Embert, 2008; Harvey *et al.*, 2012; Cacciali *et al.*, 2016a; Pelegrin *et al.*, 2019; Uetz *et al.*, 2025.

Genus *Salvator* Duméril & Bibron, 1839

***Salvator merianae* Duméril & Bibron, 1839**

Fig. 88 - Map. 132

Type: Lost (Holotype).

Type locality: state of Rio de Janeiro, Brazil.

Distribution: Argentina, Bolivia, Brazil, Paraguay and Uruguay.

Remarks: Recorded in the departments of Beni and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Duméril & Bibron, 1839; Harvey *et al.*, 1998; Dirksen & De la Riva, 1999; Vrcibradic *et al.*, 2011; Harvey *et al.*, 2012; Avila *et al.*, 2013; Montaña, 2013; Cacciali *et al.*, 2016a; Ribeiro-Júnior & Amaral, 2016a; Scott *et al.*, 2016b; Pinto-Viveros *et al.*, 2017; Aparicio *et al.*, 2021b; Rivas *et al.*, 2022; Uetz *et al.*, 2025.

***Salvator rufescens* (Günther, 1871)**

Fig. 89 - Map. 133

Type: BMNH 74.3.27.1 (Lectotype)

Type locality: Mendoza, Argentina.

Distribution: Argentina, Bolivia and Paraguay.

Remarks: Recorded in the departments of Beni, Cochabamba, Chuquisaca, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Günther, 1871; Presch, 1973; Norman, 1994; Gonzales, 1998; Dirksen & De la Riva, 1999; Péres & Colli, 2004; Mendoza, 2010; Harvey *et al.*, 2012; Avila *et al.*, 2013; Montaña, 2013; Costa & Bernils, 2015; Cacciali *et al.*, 2016a; Cacciali *et al.*, 2021a; Uetz *et al.*, 2025.

Genus *Teius* Merrem, 1820

***Teius teyou* (Daudin, 1802)**

Fig. 90 - Map. 134



Figure 88. *Salvator merianae* from Puerto Almacén, department of Santa Cruz. Photo: Ignacio De la Riva.



Figure 89. *Salvator rufescens* from Corbalan, department of Tarija. Photo: Steffen Reichle.



Figure 90. *Teius teyou* from Morocos, department of Santa Cruz. Photo: Lucindo Gonzales.



Figure 91. *Tupinambis teguixin* from P. N. Noel Kempff Mercado, department of Santa Cruz. Photo: Steffen Reichle.



Figure 92. *Boa constrictor* from Villa Tunari, department of Cochabamba. Photo: Pedro Gómez-Murillo.



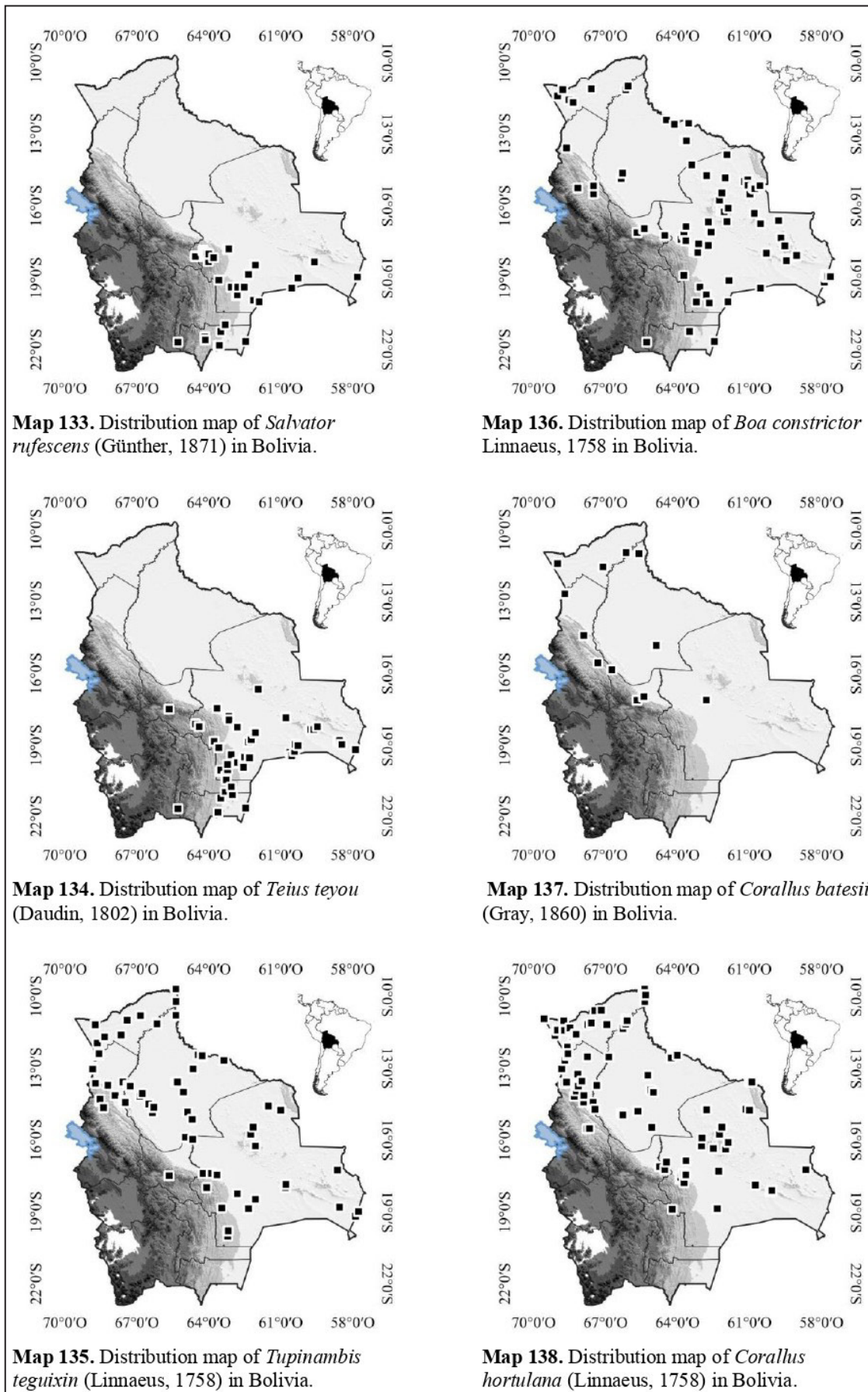
Figure 93. *Corallus batesii* from Chalalan, department of La Paz. Photo: Steffen Reichle.



Figure 94. *Corallus hortulana* from Chalalan, department of La Paz. Photo: Steffen Reichle.



Figure 95. *Epicrates cenchria* from Chalalan, department of La Paz. Photo: Steffen Reichle.



Type: MNHN-RA 4188 (Neotype).

Type locality: Paraguay.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Cochabamba, Chuquisaca, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Duméril & Bibron, 1839; Müller, 1928; Mertens, 1929; Gans, 1960; Hellmich, 1960; Ceí & Lescure, 1985; De la Riva *et al.*, 1992; Ceí, 1993; Emmons, 1993; Gonzales, 1998; Dirksen & De la Riva, 1999; Padial *et al.*, 2003; Mendoza, 2010; Harvey *et al.*, 2012; Montaña, 2013; Cacciali *et al.*, 2016a; Cacciali *et al.*, 2016d; Cacciali *et al.*, 2016e; Pinto-Viveros *et al.*, 2017; Uetz *et al.*, 2025.

Genus *Tupinambis* Daudin, 1802

***Tupinambis teguixin* (Linnaeus, 1758)**

Fig. 91 - Map. 135

Type: UUZM 13 (Lectotype).

Type locality: "Indiis" in error.

Distribution: Bolivia, Brazil, Colombia, Ecuador French Guiana, Guyana, Peru, Suriname, Trinidad and Tobago and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Cuvier, 1831; Gans, 1960; Hellmich, 1960; Presch, 1973; Duellman, 1978; Fugler, 1983; Rese, 1983; De la Riva *et al.*, 1992; Aparicio, 1992; Ceí, 1993; De la Riva, 1993; Dirksen, 1995; Harvey, 1995; Lavilla *et al.*, 1996; Gonzales, 1998; Dirksen & De la Riva, 1999; Padial *et al.*, 2003; Moravec & Aparicio, 2004; Mcnish, 2011; Harvey *et al.*, 2012; Ribeiro-Júnior & Amaral, 2016; Pinto-Viveros *et al.*, 2017; Hladki *et al.*, 2021; Rivas *et al.*, 2022; Uetz *et al.*, 2025.

Serpentes Linnaeus, 1758

Alethinophidia Nopcsa, 1923

Family Boidae Gray, 1825

Genus *Boa* Linnaeus, 1758

***Boa constrictor* Linnaeus, 1758**

Fig. 92 - Map. 136

Type: NRM 10 and NHRM 20001 (Syntypes).

Type locality: "Indiis" in error.

Distribution: South America: Argentina, Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Boulenger, 1893; Duméril & Bibron, 1844; Fugler, 1983; Fugler *et al.*, 1995a; Starace, 1998; Mcdiarmid *et al.*, 1999; Reed & Rodda, 2009; Montaña, 2013; Reynold *et al.*, 2014; Wallach *et al.*, 2014; Pinto-Viveros *et al.*, 2017; Reynolds & Henderson, 2018; Nogueira *et al.*, 2019a; Aguilar-Kirigin, 2020; Aparicio *et al.*, 2021b; Arzamendia *et al.*, 2021a; Rivas *et al.*, 2022; Uetz *et al.*, 2025.

Genus *Corallus* Daudin, 1803

***Corallus batesii* (Gray, 1860)**

Fig. 93 - Map. 137

Type: BMNH 1859.12.28.12 (Holotype)

Type locality: State of Amazonas, Brazil.

Distribution: Bolivia, Brazil, Colombia, Ecuador and Peru.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Gray, 1860; Boulenger, 1898; Fugler *et al.*, 1995a; Cortez & Zapata, 2009; Henderson *et al.*, 2009; Montaña, 2013; Wallach *et al.*, 2014; Rivas *et al.*, 2016; Reynolds & Henderson, 2018; Nogueira *et al.*, 2019; Uetz *et al.*, 2025.

***Corallus hortulana* (Linnaeus, 1758)**

Fig. 94 - Map. 138

Type: ZMB 1526 (Holotype).

Type locality: "America".

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Henderson, 1997; Mcdiarmid *et al.*, 1999; Cortez, 2005; Moravec & Aparicio, 2005; Montaña, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Calderón *et al.*, 2016; Reynolds & Henderson, 2018; Frétey, 2019; Nogueira *et al.*, 2019a; Eversole *et al.*, 2021; Rivas *et al.*, 2022; Uetz *et al.*, 2025.

Genus *Epicrates* Wagler, 1830

***Epicrates alvarezi* Abalos, Baez & Nader, 1964**

Map. 139

Type: IAV 13 (Holotype).

Type locality: Forres, Robles Department, Santiago del Estero, Argentina.

Distribution: Argentina, Bolivia and Paraguay.

Remarks: Recorded in the departments of Santa Cruz and Tarija. Categorized as NE (MMAYA, 2009) and NT (IUCN, 2022).

Selected references: Peracca, 1897; Abalos *et al.*, 1964; Peters & Orejas-Miranda, 1970; Waller & Buonghermini, 1998; McDiarmid *et al.*, 1999; Tipton, 2005; Scrocchi *et al.*, 2006; Passos & Fernandes, 2008a; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Reynolds & Henderson, 2018; Waller *et al.*, 2021a; Uetz *et al.*, 2025.

***Epicrates cenchria* (Linnaeus, 1758)**

Fig. 95 - Map. 140

Type: NRM Lin. 6 (Holotype).

Type locality: Suriname.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, Chuquisaca, La Paz, Pando, Santa Cruz and Tarija. Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Garman, 1887; Boulenger, 1896; Procter, 1921; Stull, 1938; Fugler, 1984; Fugler *et al.*, 1995a; McDiarmid *et al.*, 1999; Savage, 2002; Cortez, 2005; Passos & Fernandes, 2008a; Montaña, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Pinto-Viveros *et al.*, 2017; Reynolds & Henderson, 2018; Nogueira *et al.*, 2019a; Aparicio *et al.*, 2021b; Calderón *et al.*, 2021a; Rivas *et al.*, 2022; Uetz *et al.*, 2025.

***Epicrates crassus* Cope, 1862**

Fig. 96 - Map. 141

Type: USNM 12413 (Holotype).

Type locality: Paraná River, Paraguay.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Beni, Chuquisaca and Santa Cruz. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Passos & Fernandes, 2008a; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Reynolds & Henderson, 2018; Nogueira *et al.*, 2019a; Arzamendia *et al.*, 2021b; Uetz *et al.*, 2025.

Genus *Eunectes* Wagler, 1830

***Eunectes beniensis* Dirksen, 2002**

Fig. 97 - Map. 142

Type: AMNH 101924 (Holotype); CBF 1675, NKR 1735, UMMZ 56863 (Paratypes).

Type locality: Trinidad, Beni, Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in the departments of Beni, Santa Cruz, and Pando. Categorized as VU (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Dirksen, 2002; Dirksen & Böhme, 2005; Embert, 2009a; Wallach *et al.*, 2014; Muñoz *et al.*, 2016a; De la Quintana *et al.*, 2011, 2017; Reynolds & Henderson, 2018; Aguilar-Kirigin, 2020; Rivas *et al.*, 2022; Uetz *et al.*, 2025.

***Eunectes murinus* (Linnaeus, 1758)**

Fig. 98 - Map. 143

Type: NRM Lin. 9 (Holotype).

Type locality: "America".

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Suriname, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Wagler, 1830; Duméril & Bibron, 1844; Boulenger, 1893; Fugler, 1984; Fugler *et al.*, 1995a; McDiarmid *et al.*, 1999; Strimple *et al.*, 1997; Starace, 1998; Cortez, 2005; Montaña, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Cacciali *et al.*, 2016a; De la Quintana *et al.*, 2018; Reynolds & Henderson, 2018; Nogueira *et al.*, 2019a; Calderón *et al.*, 2021; Rivas *et al.*, 2022; Uetz *et al.*, 2025.

***Eunectes notaeus* Cope, 1862**

Fig. 99 - Map. 144

Type: Lost (Holotype).

Type locality: Paraguay River, near the border between Brazil, Bolivia and Paraguay.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Beni and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Kahl *et al.*, 1980; Leynaud & Bucher, 1999; McDiarmid *et al.*, 1999; Dirksen, 2002;

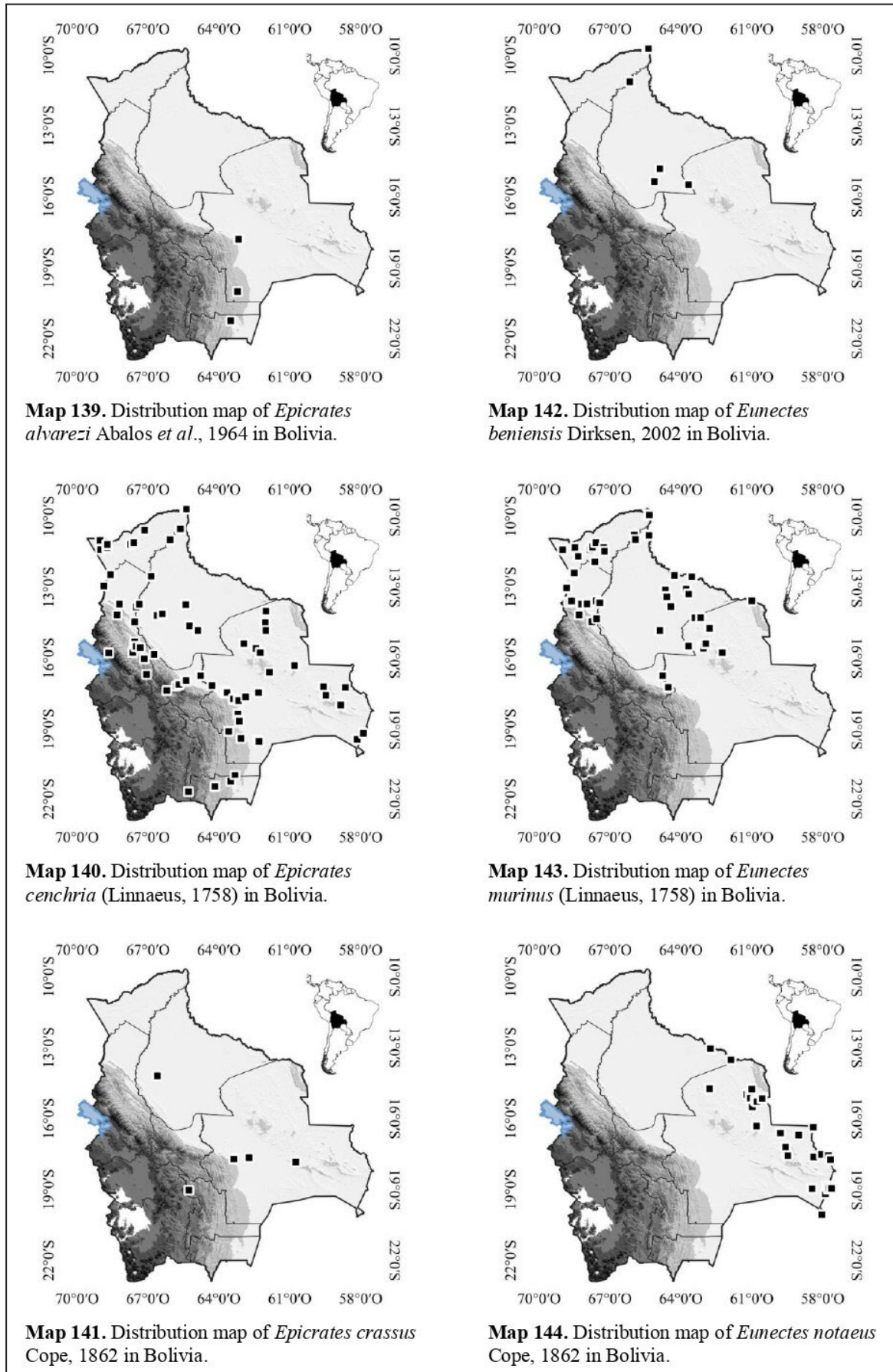




Figure 96. *Epicrates crassus* from Santiago de Chiquitos, department of Santa Cruz. Photo: Steffen Reichle.



Figure 97. *Eunectes beniensis* from Espíritu, department of Beni. Photo: Octavio Jiménez-Robles.



Figure 98. *Eunectes murinus* from Manuripi, department of Pando. Photo: Lucindo Gonzales.



Figure 99. *Eunectes notaeus* from San Matias, department of Santa Cruz. Photo: Steffen Reichle.



Figure 100. *Chironius dixonii* from Sehuenas, department of Cochabamba. Photo: Oliver Quinteros-Muñoz.



Figure 101. *Chironius exoletus* from Villa Tunari, department of Cochabamba. Photo: Pedro Gómez-Murillo.



Figure 102. *Chironius flavolineatus* from Palmasola, department of Santa Cruz. Photo: Ignacio De la Riva.



Figure 103. *Chironius fuscus* from Abel Iturralde, department of La Paz. Photo: Dennis E. Lizarro.

Langstroth, 2005; Zaracho *et al.*, 2014; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Reynolds & Henderson, 2018; Nogueira *et al.*, 2019a; Waller *et al.*, 2021b; Uetz *et al.*, 2025.

Family Colubridae Oppel, 1811

Genus *Chironius* Fitzinger, 1826

***Chironius dixonii* Wiest, 1978**

Fig. 100 - Map. 145

Type: AMNH 101815 (Holotype).

Type locality: Rio Mamore, Department of Beni, Bolivia.

Distribution: Bolivia and Brazil.

Remarks: Recorded in the departments of Beni, Cochabamba, and Santa Cruz. Categorized as LC (MMAYA, 2009).

Selected references: Dixon *et al.*, 1993; Hollis, 2006; Montaña, 2013; Wallach *et al.*, 2014; Entiauspe-Neto & Loebmann, 2019; Nogueira *et al.*, 2019a; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

***Chironius exoletus* (Linnaeus, 1758)**

Fig. 101 - Map. 146

Type: ZMUU 135 (Holotype).

Type locality: Brazil.

Distribution: Argentina, Bolivia, Brazil, Colombia, Costa Rica, Ecuador, French Guiana, Guyana, Panama, Paraguay, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, Chuquisaca, Cochabamba, La Paz, Pando, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Griffin, 1916; Procter, 1921; Gans, 1960; Hoge *et al.*, 1978; Wiest, 1978; Dixon *et al.*, 1993; Fugler, 1983; Fugler, 1984; Fugler *et al.*, 1995a; Kornacker, 1999; Savage, 2002; Montaña, 2013; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Acosta *et al.*, 2019; Nogueira *et al.*, 2019a; Gómez-Murillo & Arellano-Martín, 2020; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

***Chironius flavolineatus* (Jan, 1863)**

Fig. 102 - Map. 147

Type: MSNM 2729 (Lectotype).

Type locality: Brazil, no specific locality by original designation.

Distribution: Bolivia Brazil, French Guyana, and Paraguay.

Remarks: Recorded in the departments of Beni, La Paz and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Bailey, 1955; Peters & Orejas-Miranda, 1970; Wiest, 1978; Fugler *et al.*, 1995a; Lehr, 2002; Tipton, 2005; Wallach *et al.*, 2014; Rufraay *et al.*, 2015; Cacciali *et al.*, 2016a; Montaña, 2013; Hamdan *et al.*, 2014; Pinto-Viveros *et al.*, 2017; Cacciali *et al.*, 2019g; Nogueira *et al.*, 2019a; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

***Chironius fuscus* (Linnaeus, 1758)**

Fig. 103 - Map. 148

Type: NRM 34 (Holotype).

Type locality: “Asia” in error.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Duméril & Bibron, 1854; Griffin, 1916; Beebe, 1946; Wiest, 1978; Gasc & Rodrigues, 1980; Fugler, 1988a; Fugler *et al.*, 1995a; Starace, 1998; Gorzula & Señaris, 1999; Padial *et al.*, 2003; Cortez, 2005; Montaña, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Caicedo *et al.*, 2019i; Nogueira *et al.*, 2019a; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

***Chironius maculiventris* Dixon, Wiest & Cei, 1993**

Map. 149

Type: ZMUC 60816 (Holotype).

Type locality: Corrientes province, Argentina.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the department of Tarija. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Dixon *et al.*, 1993; Embert, 2002; Hollis, 2006; Wallach *et al.*, 2014; Marra *et al.*, 2015; Cacciali *et al.*, 2016a; Torres-Carvajal *et al.*, 2018; Nogueira *et al.*, 2019a; Cacciali & Scott 2022; Uetz *et al.*, 2025.

***Chironius monticola* Roze, 1952**

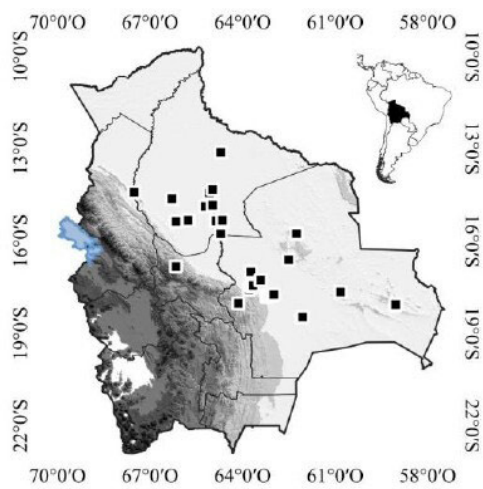
Fig. 104 - Map. 150

Type: MBUCV 2019 (Holotype).

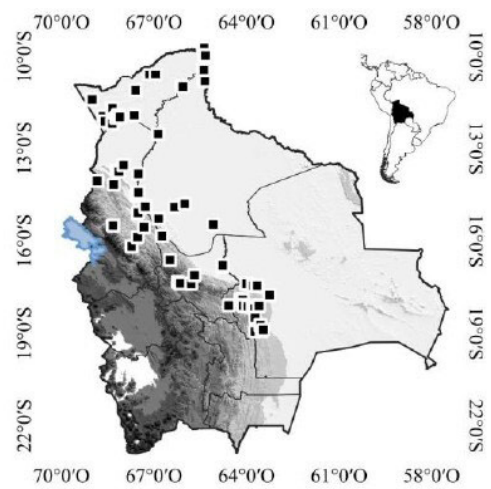
Type locality: El Junquito, D.F., Venezuela.

Distribution: Bolivia, Colombia, Ecuador, Peru and Venezuela.

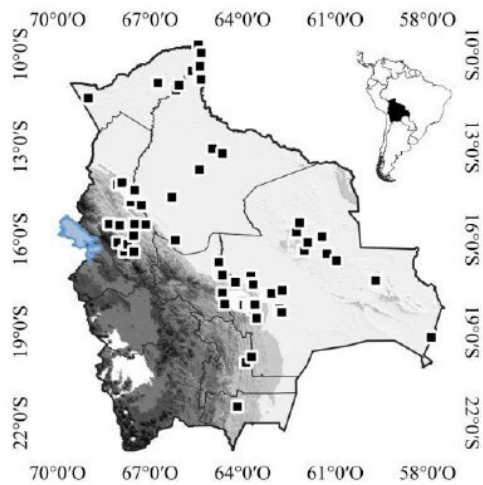
Remarks: Recorded in the departments of Cochabamba, La Paz and Santa Cruz. Categorized



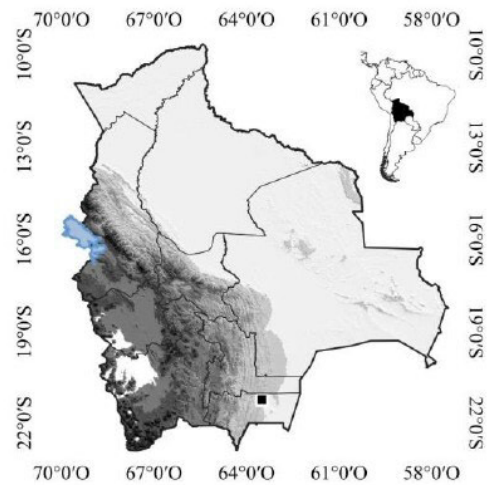
Map 145. Distribution map of *Chironius dixonii* Wiest, 1978 in Bolivia.



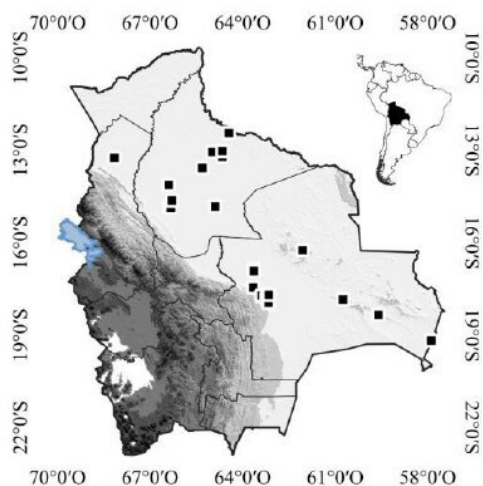
Map 148. Distribution map of *Chironius fuscus* (Linnaeus, 1758) in Bolivia.



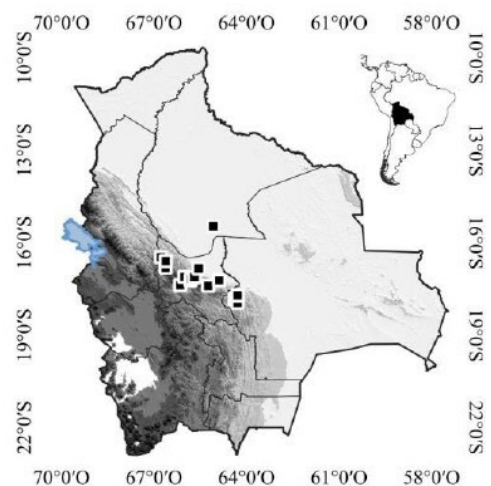
Map 146. Distribution map of *Chironius exoletus* (Linnaeus, 1758) in Bolivia.



Map 149. Distribution map of *Chironius maculiventris* Dixon *et al.*, 1993 in Bolivia.



Map 147. Distribution map of *Chironius flavolineatus* (Jan, 1863) in Bolivia.



Map 150. Distribution map of *Chironius monticola* Roze, 1952 in Bolivia.



Figure 104. *Chironius monticola* from El Limbo, department of Cochabamba. Photo: Teresa Camacho-Badani.



Figure 108. *Drymobius rhombifer* from Manuripi, department of Pando. Photo: Lucindo Gonzales.



Figure 105. *Chironius whipala* from Tocos, department of Santa Cruz. Photo: Lucindo Gonzales.



Figure 109. *Leptophis bolivianus* from Espíritu, department of Beni. Photo: Octavio Jiménez-Robles.



Figure 106. *Dendrophidion dendrophis* from Villa Tunari, department of Cochabamba. Photo: Pedro Gómez-Murillo.



Figure 110. *Mastigodryas boddaerti* from Villa Tunari, department of Cochabamba. Photo: Pedro Gómez-Murillo.



Figure 107. *Drymarchon corais* from Buenavista, department of Santa Cruz. Photo: Ignacio De la Riva.



Figure 111. *Oxybelis aeneus* in captivity (Zoologico Santa Cruz). Photo: Daniel Alarcon.

as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Roze, 1952; Wiest, 1978; Fugler *et al.*, 1995a; Esqueda & La Marca, 1999; Kornacker, 1999; Padial *et al.*, 2003; Montaña, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Daza *et al.*, 2016; Uetz *et al.*, 2025.

***Chironius multiventris* Schmidt & Walker, 1943**
Map. 151

Type: FMNH 38250 (Holotype).

Type locality: Selvas del Rio Madre de Dios, Dep. Madre de Dios, Peru.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru and Venezuela.

Remarks: Recorded in the departments of Beni and La Paz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Schmidt & Walker, 1943; Gasc & Rodrigues, 1980; Hoogmoed & Avila-Pires, 1991; Dixon *et al.*, 1993; Starace, 1998; Kornacker, 1999; Embert, 2002; Mattos *et al.*, 2009; Klaczko *et al.*, 2010; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Nogueira *et al.*, 2019a; Ortega *et al.*, 2019; Uetz *et al.*, 2025.

***Chironius quadricarinatus* (Boie, 1827)**
Map. 152

Type: RMNH 605 (Holotype).

Type locality: Paraguay.

Distribution: Bolivia, Brazil and Paraguay.

Remarks: Recorded in the department of Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Boie, 1827; Bailey, 1955; Wiest, 1978; Dixon *et al.*, 1993; Fugler *et al.*, 1995a; Leynaud & Bucher, 1999; Tipton, 2005; Hollis, 2006; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Torres-Carvajal *et al.*, 2018; Cacciali & Scott 2019a; Uetz *et al.*, 2025.

***Chironius scurrula* (Wagler, 1824)**
Map. 153

Type: ZSM 2628/0 (Lectotype).

Type locality: "probably Rio Japura", Brazil.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of Beni, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Wagler, 1824; Wiest, 1978; Gasc & Rodrigues, 1980; Fugler, 1986a; Fugler *et al.*,

1995a; Gorzula & Señaris, 1999; Boos, 2001; Cortez, 2005; Moravec & Aparicio, 2005; Montaña, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Hammerson *et al.*, 2019a; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

***Chironius whipala* Quinteros-Muñoz, Gómez-Murillo, Camacho-Badani, Aguayo, Carpio-Real, Pérez, Marca, Gonzales & Torres-Carvajal, 2024**
Fig. 105 - **Map.** 154

Type: MHNC-R 3099 (Holotype).

Type locality: Chaquisacha, Carrasco National Park, Cochabamba Department, Bolivia.

Distribution: Bolivia.

Remarks: **Endemic species.** Recorded in the departments of Cochabamba and Santa Cruz. Categorized as NE (MMAYA, 2009).

Selected references: Quinteros-Muñoz *et al.*, 2024a; Uetz *et al.*, 2025.

Genus *Dendrophidion* Fitzinger, 1843
***Dendrophidion dendrophis* (Schlegel, 1837)**

Fig. 106 - **Map.** 155

Type: BMNH 1946.1.12.98 (Type).

Type locality: Cayenne, French Guiana.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Schlegel, 1837; Fitzinger, 1843; Schmidt & Walker, 1943; Peters & Orejas-Miranda, 1970; Gasc & Rodrigues, 1980; Lieb, 1988; Fugler *et al.*, 1995a; Kornacker, 1999; Natera-Mumaw, 2008; Whithworth & Beirne, 2011; Montaña, 2013; Wallach *et al.*, 2014; Hladki *et al.*, 2019i; Nogueira *et al.*, 2019a; Gómez-Murillo & Arellano-Martín, 2020; Uetz *et al.*, 2025.

Genus *Drymarchon* Fitzinger, 1843
***Drymarchon corais* (Boie, 1827)**

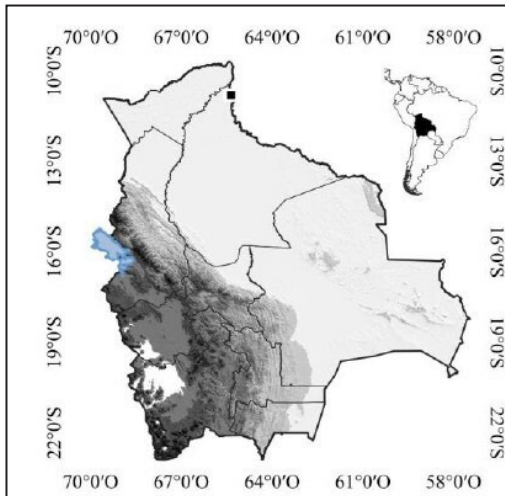
Fig. 107 - **Map.** 156

Type: not designated (Holotype).

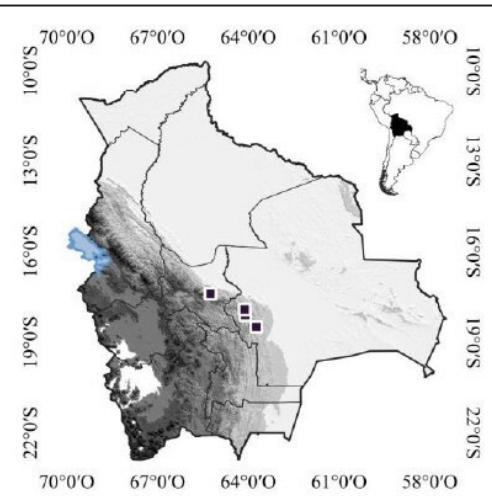
Type locality: "America."

Distribution: Argentina, Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Trinidad and Tobago, and Venezuela.

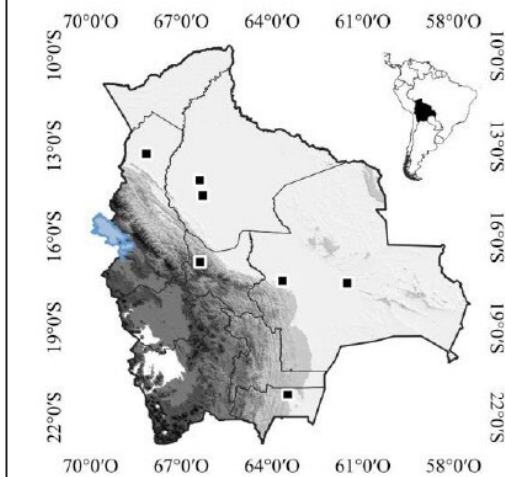
Remarks: Recorded in the departments of Beni, Oruro, Pando, Santa Cruz and Tarija. Categorized



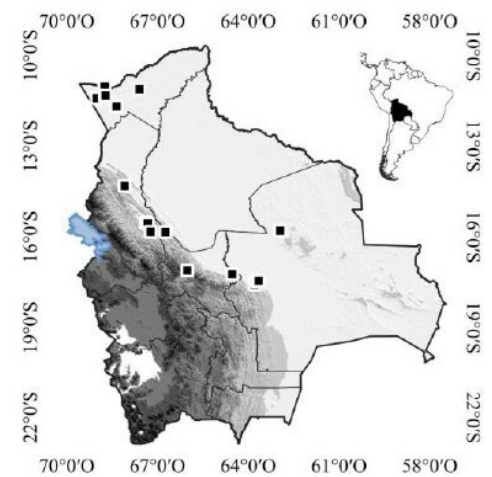
Map 151. Distribution map of *Chironius multiventris* Schmidt & Walker, 1943 in Bolivia.



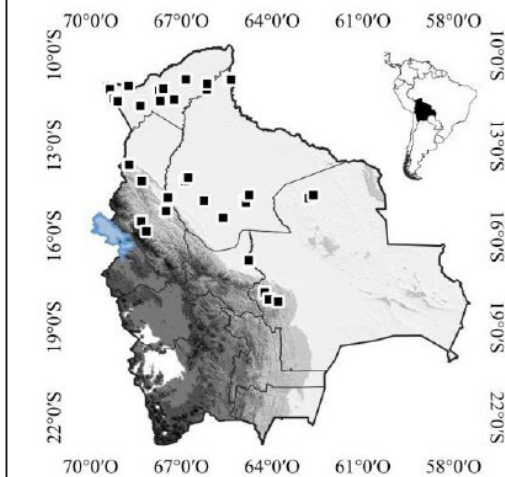
Map 154. Distribution map of *Chironius whipala* Quinteros-Muñoz *et al.*, 2024 in Bolivia.



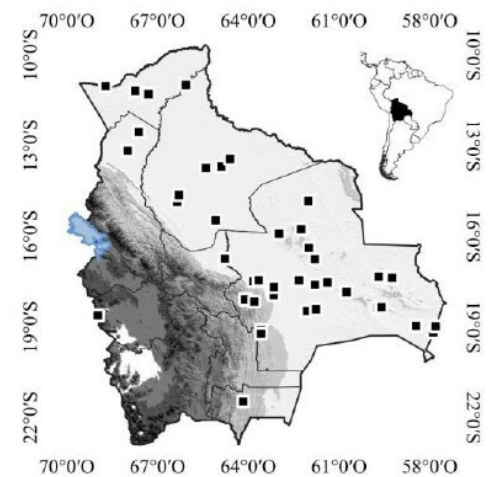
Map 152. Distribution map of *Chironius quadricarinatus* (Boie, 1827) in Bolivia.



Map 155. Distribution map of *Dendrophidion dendrophis* (Schlegel, 1837) in Bolivia.



Map 153. Distribution map of *Chironius scurrula* (Wagler, 1824) in Bolivia.



Map 156. Distribution map of *Drymarchon corais* (Boie, 1827) in Bolivia.

as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Boie, 1827; Garman, 1884; Fugler *et al.*, 1995a; Leynaud & Bucher, 1999; Montaña, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Hladki *et al.*, 2019j; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

Genus *Drymobius* Fitzinger, 1843

***Drymobius rhombifer* (Günther, 1860)**

Fig. 108 - Map. 157

Type: ZMB 9525 (Holotype).

Type locality: Esmeraldas, Ecuador.

Distribution: Bolivia, Brazil, Colombia, Costa Rica, Ecuador, French Guiana, Guyana, Nicaragua, Panama, Peru, Suriname and Venezuela.

Remarks: Recorded in the department of Beni, La Paz and Santa Cruz. Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Günther, 1860; Peters, 1879; Vanzolini, 1977; Vaeth & Rossman, 1984; Bauer *et al.*, 1995; Fugler *et al.*, 1995a; Lehr, 2002; Savage, 2002; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Nogueira *et al.*, 2019a; Vargas *et al.*, 2019; Uetz *et al.*, 2025.

Genus *Drymoluber* Amaral, 1929

***Drymoluber dichrous* (Peters, 1863)**

Map. 158

Type: ZMB 1661 (Lectotype).

Type locality: “Amazonia” Brazil.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Amaral, 1930; Duellman, 1978; Gasc & Rodrigues, 1980; Fugler, 1983; Bauer *et al.*, 1995; Fugler *et al.*, 1995a; Kornacker, 1999; Lehr *et al.*, 2004; Whithworth & Beirne, 2011; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Nogueira *et al.*, 2019a; Rivas *et al.*, 2019a; Uetz *et al.*, 2025.

Genus *Leptophis* Bell, 1825

***Leptophis bolivianus* Oliver, 1942**

Fig. 109

Type: UMMZ 67973 (Holotype).

Type locality: Santa Cruz, Buena Vista, Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in the departments of Beni, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009).

Selected references: Linnaeus, 1758; Shaw & Nodder, 1795; Griffin, 1916; Fugler, 1983; Fugler, 1986a; Fugler *et al.*, 1995a; Albuquerque, 2008; Pontes *et al.*, 2008; Cole *et al.*, 2013; Montaña, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Gutiérrez-Cárdenas *et al.*, 2019; Nogueira *et al.*, 2019a; Eversole *et al.*, 2021; Albuquerque & Fernandes 2022; Uetz *et al.*, 2025.

***Leptophis marginatus* (Cope, 1862)**

Type: ANSP 5514 (Holotype).

Type locality: Paraguay.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the department of Santa Cruz. Categorized as NE (MMAYA, 2009).

Selected references: Albuquerque, 2008; Cacciali *et al.*, 2016a; Nogueira *et al.*, 2019a; Torres-Carvajal & Terán, 2021; Albuquerque & Fernandes, 2022; Uetz *et al.*, 2025.

***Leptophis nigromarginatus* (Günther, 1866)**

Type: BMNH 1946.1.5.7 (Holotype).

Type locality: “Upper Amazons”.

Distribution: Bolivia, Brazil, Colombia, Ecuador, Guyana and Peru.

Remarks: Recorded in the departments of Beni and Pando. Categorized as NE (MMAYA, 2009).

Selected references: Albuquerque & Fernandes, 2022; Uetz *et al.*, 2025.

Genus *Mastigodryas* Amaral, 1935

***Mastigodryas boddaerti* (Sentzen, 1796)**

Fig. 110 - Map. 159

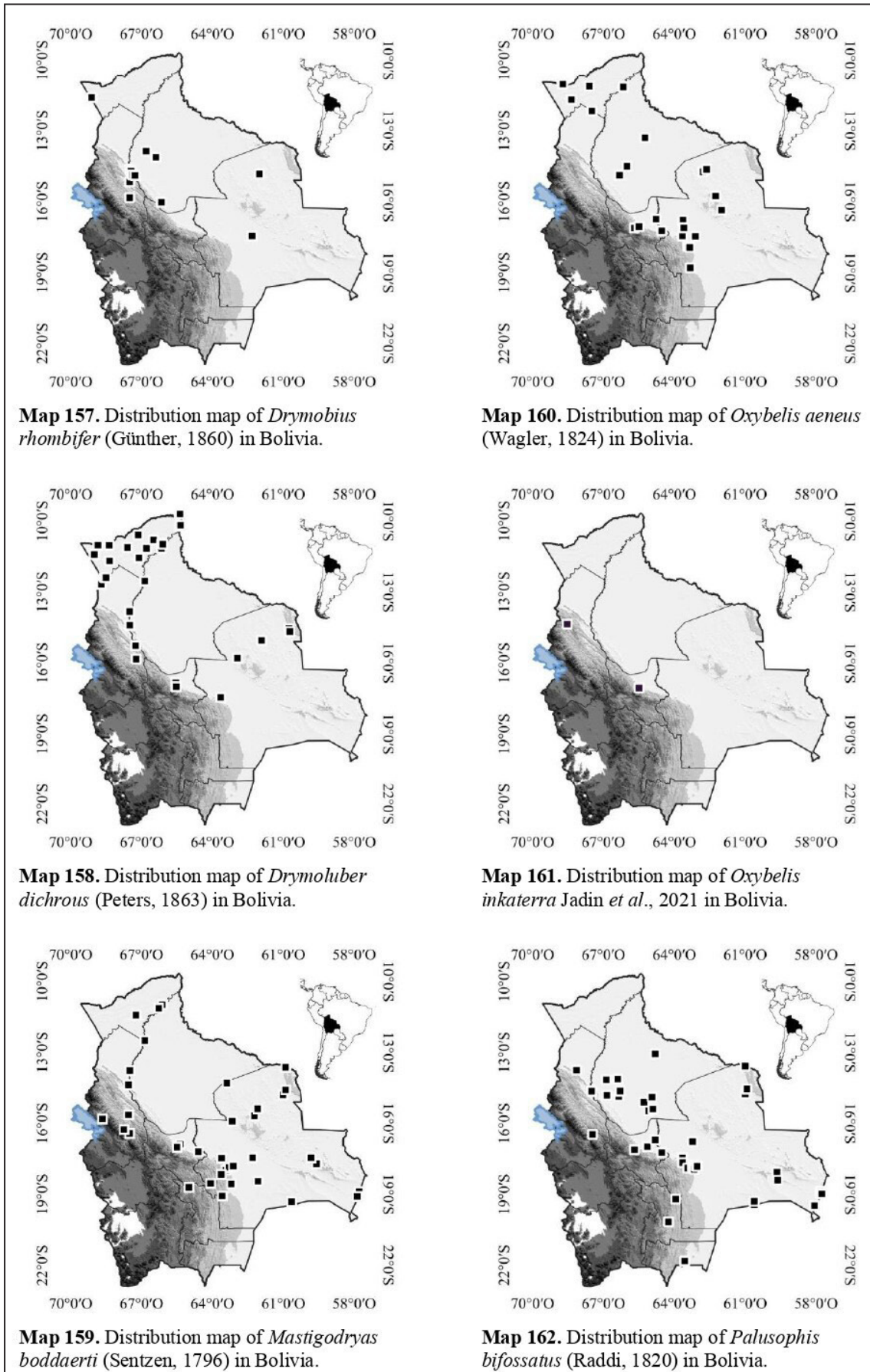
Type: ANSP 5651 (Type).

Type locality: Suriname.

Distribution: Bolivia, Brazil, Colombia, French Guiana, Guyana, Peru, Suriname, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of Beni, Chuquisaca, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Sentzen, 1796; Garman, 1887; Boettger, 1891; Griffin, 1916; Stuart, 1939; Roze, 1958; Fugler, 1983; Fugler *et al.*, 1995a; Gorzula & Señaris, 1999; Montingelli, 2009; Siqueira *et al.*, 2012;



Montaño, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Pinto-Viveros *et al.*, 2017; Nogueira *et al.*, 2019a; Rivas *et al.*, 2019b; Gómez-Murillo & Arellano-Martín, 2020; Uetz *et al.*, 2025.

Genus *Oxybelis* Wagler, 1830
***Oxybelis aeneus* (Wagler, 1824)**

Fig. 111 - Map. 160

Type: ZSM 2645/0 (Lectotype).

Type locality: Solimões, Tefé, Amazonas, Brazil.

Distribution: Restricted to the Amazon Basin.

Remarks: Recorded in the departments of Beni, Cochabamba, Pando and Santa Cruz. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Duméril & Bibron, 1854; Gasc & Rodrigues, 1980; Fugler, 1983; Stebbins, 1985; Fugler *et al.*, 1995a; Gorzula & Señaris, 1999; Lehr, 2002; Stebbins, 2003; Crother *et al.*, 2012; Montaño, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Hammerson *et al.*, 2019b; Nogueira *et al.*, 2019a; Jadin *et al.*, 2020; Eversole *et al.*, 2021; Jadin *et al.*, 2021; Uetz *et al.*, 2025.

***Oxybelis inkaterra* Jadin, Jowers, Orlofske, Duellman, Blair & Murphy, 2021**

Map. 161

Type: KU 220196 (Holotype).

Type locality: Cusco Amazónico (now Reserva Amazónica), Río Madre de Dios, c. 15 km E Puerto Maldonado, 200 m., Madre de Dios, Peru.

Distribution: Bolivia and Peru.

Remarks: Recorded in the departments of Cochabamba and La Paz. Categorized as NE (MMAYA, 2009).

Selected references: Jadin *et al.*, 2021; Rivas *et al.*, 2024a; Uetz *et al.*, 2025.

Genus *Palusophis* Montingelli, Grazziotin, Battilana, Murphy, Zhang & Zaher, 2019
***Palusophis bifossatus* (Raddi, 1820)**

Fig. 112 - Map. 162

Type: MZUF (Holotype).

Type locality: Rio de Janeiro, Brazil.

Distribution: Argentina, Bolivia, Brazil, Colombia, Paraguay and Venezuela.

Remarks: Recorded in the departments of Beni, Chuquisaca, Cochabamba, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Raddi, 1911; Raddi, 1820; Wiest, 1978; Fugler, 1986a; Fugler *et al.*, 1995a;

Leynaud & Bucher, 1999; Gorzula & Señaris, 1999; Padial *et al.*, 2003; Montaño, 2013; Wallach *et al.*, 2014; Caicedo *et al.*, 2019h; Montingelli *et al.*, 2019; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

Genus *Phrynonax* Cope, 1862
***Phrynonax sexcarinatus* (Wagler, 1824)**

Map. 163

Type: MNRJ 20302 (Neotype).

Type locality: “Amazon River”.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Peters, 1867; Amaral, 1929; Brongersma, 1937; Beebe, 1946; Peters & Orejas-Miranda, 1970; Gasc & Rodrigues, 1980; Fugler, 1983; Fugler *et al.*, 1995a; Gorzula & Señaris, 1999; Whithworth & Beirne, 2011; Jadin *et al.*, 2013; Feldman *et al.*, 2015; Nogueira *et al.*, 2019a; Murphy, 2021; Lopes & Passos, 2023; Quinteros-Muñoz *et al.*, 2024c.

Genus *Rhinobothryum* Wagler, 1830
***Rhinobothryum lentiginosum* (Scopoli, 1785)**

Map. 164

Type: Not designated (Holotype).

Type locality: Not known.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, La Paz and Pando. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Scopoli, 1785; Wagler, 1830; Duméril *et al.*, 1854; Gasc & Rodrigues, 1980; Fugler *et al.*, 1995a; Kornacker, 1999; Rojas-Morales, 2012; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Nogueira *et al.*, 2019a; Cisneros-Heredia *et al.*, 2020; Powell *et al.*, 2021; Uetz *et al.*, 2025.

Genus *Spilotes* Wagler, 1830
***Spilotes pullatus* (Linnaeus, 1758)**

Fig. 113 - Map. 165

Type: NRM (Holotype).

Type locality: “Asia” in error.

Distribution: Argentina, Belize, Bolivia, Brazil, Colombia, Costa Rica, Ecuador, French Guiana,



Figure 112. *Palusophis bifossatus* between San Javier and Concepción, department of Santa Cruz. Photo: Ignacio De la Riva.



Figure 113. *Spilotes pullatus* from Santiago de Chiquitos, department of Santa Cruz. Photo: Steffen Reichle.



Figure 114. *Tantilla melanocephala* from Cuzco Amazónico, Madre de Dios / Peru. Photo: Ignacio De la Riva.



Figure 115. *Dipsas bucephala* from Incahuasi, department of Santa Cruz. Photo: Lucindo Gonzales.



Figure 116. *Dipsas catesbyi* from Puerto Aroma, department of Cochabamba. Photo: Raúl León.



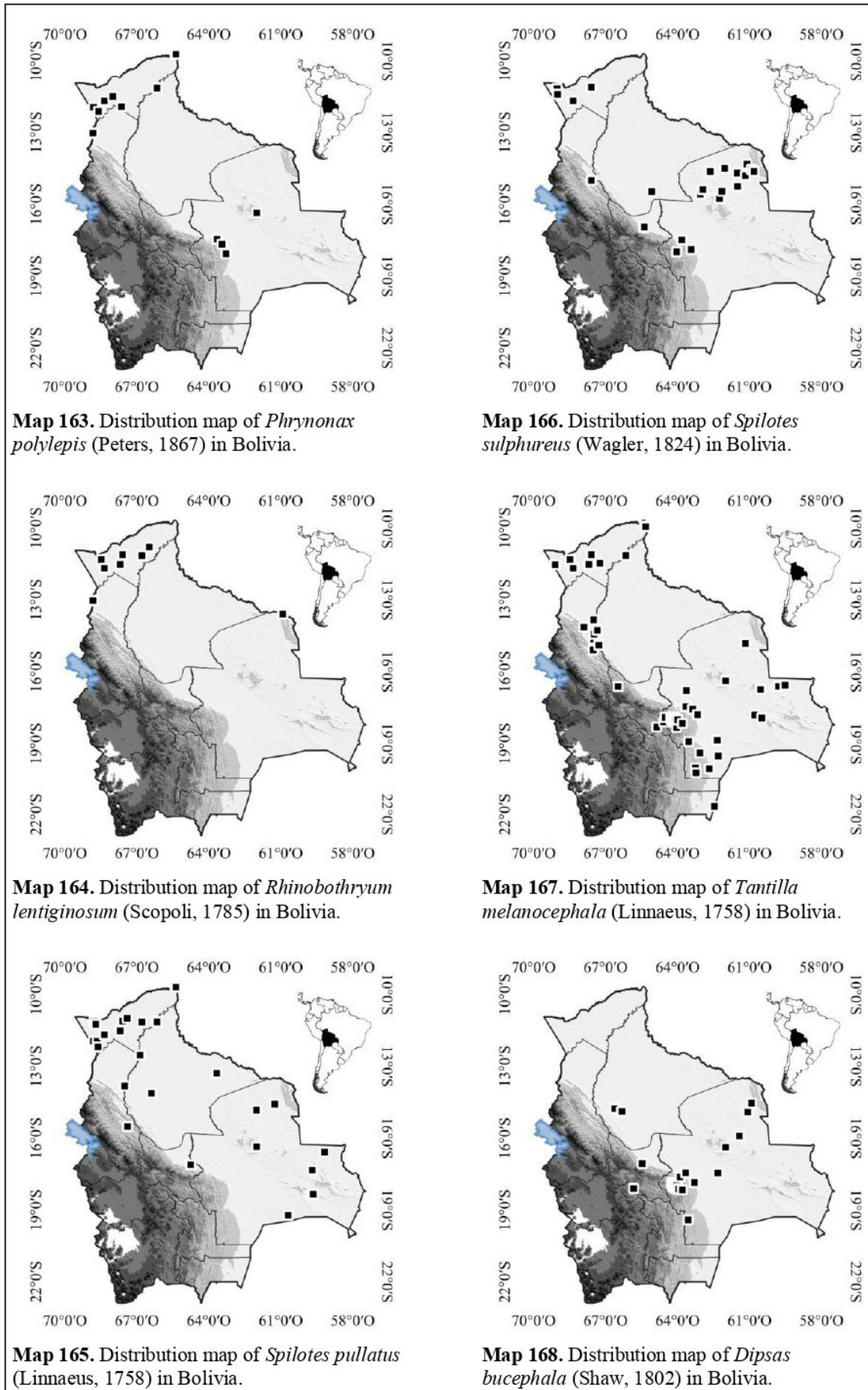
Figure 117. *Dipsas chaparensis* from K'arahuasi, department of Cochabamba. Photo: Oliver Quinteros-Muñoz.



Figure 118. *Dipsas cisticeps* from Puerto Aroma, department of Cochabamba. Photo: Raúl León.



Figure 119. *Dipsas indica* from Manuripi, department of Pando. Photo: Lucindo Gonzales.



Guatemala, Guyana, Honduras, Mexico, Nicaragua, Panama, Peru, Suriname, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Fugler, 1986a; Cei, 1993; Fugler *et al.*, 1995a; Moravec & Aparicio, 2004; Köhler, 2008; Wallach *et al.*, 2014; Arzamendia *et al.*, 2019e; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

***Spilotes sulphureus* (Wagler, 1824)**

Map. 166

Type: ZSM 1681/0 (Lectotype).

Type locality: Uncertain locality in Rio Japurá, state of Amazonas, Brazil.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of Cochabamba, La Paz, Pando and Santa Cruz. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Wagler, 1824; Gasc & Rodrigues, 1980; Fugler *et al.*, 1995a; Kornacker, 1999; Padial *et al.*, 2003; Mattison, 2007; Catenazzi *et al.*, 2013; Jadin *et al.*, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Gutiérrez-Cárdenas *et al.*, 2019; Nogueira *et al.*, 2019a; Quinteros-Muñoz *et al.*, 2024b; Uetz *et al.*, 2025.

Genus *Tantilla* Baird & Girard, 1853

***Tantilla melanocephala* (Linnaeus, 1758)**

Fig. 114 - **Map.** 167

Type: Not designated (Holotype).

Type locality: "America".

Distribution: Argentina, Bolivia, Brazil, Colombia, Ecuador, French Guiana, Grenada, Guyana, Panama, Paraguay, Peru, Suriname, Uruguay and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando, Santa Cruz and Tarija. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Duméril *et al.*, 1854; Beebe, 1946; Peters & Orejas-Miranda, 1970; Wilson & Mena, 1980; Fugler, 1983; Fugler *et al.*, 1995a; Kornacker, 1999; Rivas *et al.*, 2012; Montaña, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Cacciali *et al.*, 2016a; Nogueira *et al.*, 2019a; Passos & Powell, 2019; Uetz *et al.*, 2025.

Tribe Dipsadini Bonaparte, 1838

Genus *Dipsas* Laurenti, 1768

***Dipsas bucephala* (Shaw, 1802)**

Fig. 115 - **Map.** 168

Type: Iconotype from Seba (1734, pl. 42, Fig. 4, Holotype).

Type locality: Brazil.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Beni, Cochabamba and Santa Cruz. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Shaw, 1802; Oppel, 1810; Peters, 1960; Peters & Orejas-Miranda, 1970; Cei, 1993; Harvey & Embert, 2009; Montaña, 2013; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Nogueira *et al.*, 2019a; Cacciali & Scott, 2021; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

***Dipsas catesbyi* (Sentzen, 1796)**

Fig. 116 - **Map.** 169

Type: Lost (Syntypes).

Type locality: "America".

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

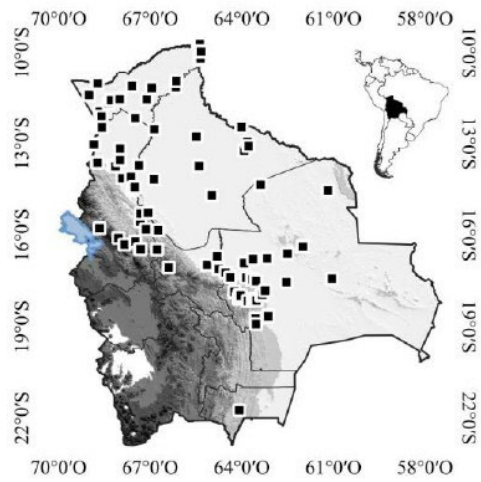
Selected references: Sentzen, 1796; Boie, 1827; Schlegel, 1837; Duméril *et al.*, 1854; Günther, 1858; Boulenger, 1886; Boettger, 1888; Boettger, 1891; Boulenger, 1896; Griffin, 1916; Beebe, 1946; Peters, 1956; Peters, 1960; Peters & Orejas-Miranda, 1970; Zug *et al.*, 1979; Gasc & Rodrigues, 1980; Fugler, 1983; Fugler *et al.*, 1995a; Starace, 1998; Kornacker, 1999; Lehr, 2001; Quintana & Padial, 2003; MacCulloch & Lathrop, 2004; Harvey, 2008; Harvey & Embert, 2009; Lima & Prudente, 2009; Whithworth & Beirne, 2011; Bernarde *et al.*, 2012; Montaña, 2013; Starace, 2013; Wallach *et al.*, 2014; Nogueira *et al.*, 2019a; Pazmiño-Otamendi & Rodríguez-Guerra, 2019; Schargel *et al.*, 2019; Uetz *et al.*, 2025.

***Dipsas chaparensis* Reynolds & Foster, 1992**

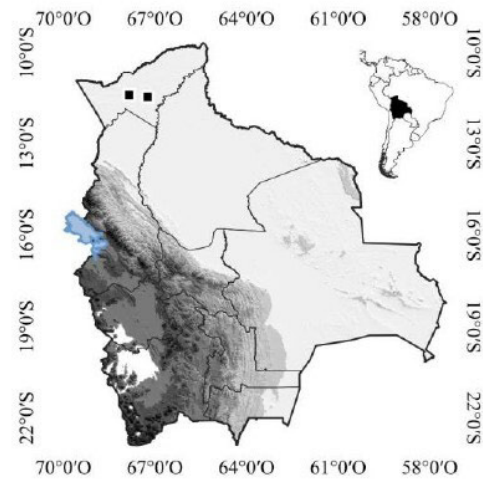
Fig. 117 - **Map.** 170

Type: USNM 257869 (Holotype).

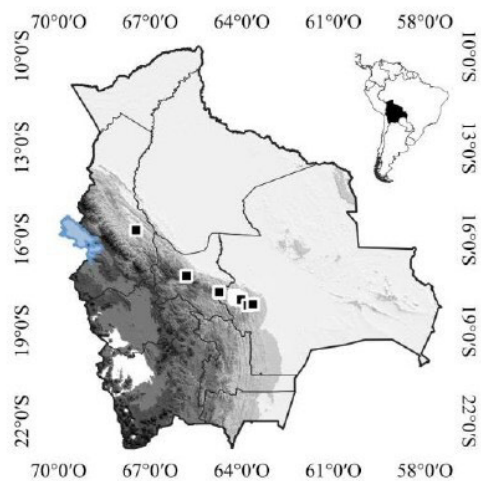
Type locality: Paracti, 83.2 km from Cochabamba



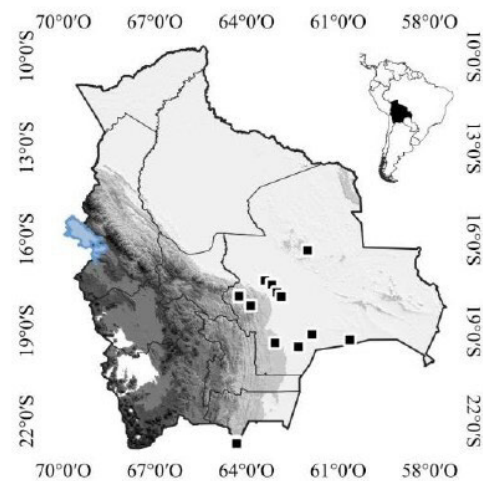
Map 169. Distribution map of *Dipsas catesbyi* (Sentzen, 1796) in Bolivia.



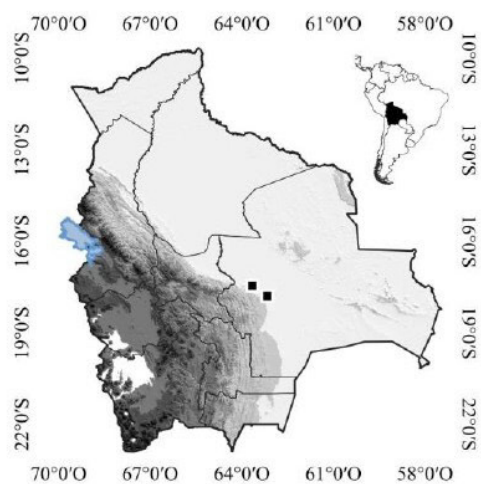
Map 172. Distribution map of *Dipsas indica* Laurenti, 1768 in Bolivia.



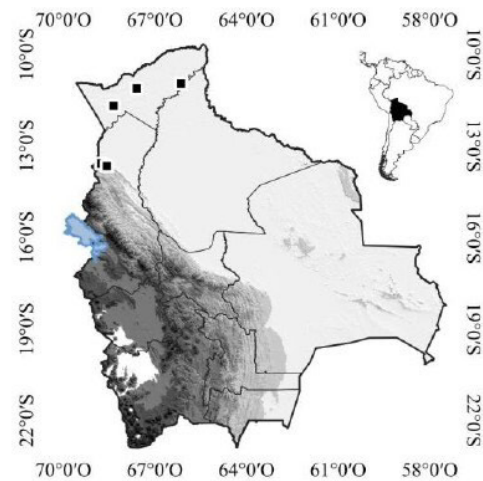
Map 170. Distribution map of *Dipsas chaparensis* Reynolds & Foster, 1992 in Bolivia.



Map 173. Distribution map of *Dipsas lavillai* (Scrocchi *et al.*, 1993) in Bolivia.



Map 171. Distribution map of *Dipsas cisticeps* (Boettger, 1885) in Bolivia.



Map 174. Distribution map of *Dipsas pavonina* Schlegel, 1837 in Bolivia.

on road to Villa Tunari.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in the departments of Cochabamba and Santa Cruz. Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Reynolds & Foster, 1992; Fugler *et al.*, 1995a; Harvey, 2008; Cortez & Aguayo, 2009b; Harvey & Embert, 2009; Harvey *et al.*, 2009; Montaña, 2013; Wallach *et al.*, 2014; Muñoz *et al.*, 2016b; Uetz *et al.*, 2025.

***Dipsas cisticeps* (Boettger, 1885)**

Fig. 118 - **Map.** 171

Type: Lost (Holotype).

Type locality: Paraguay.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Cochabamba and Santa Cruz. Categorized as NE (MMAYA, 2009).

Selected references: Bertoni, 1914; Peters, 1960; Peters *et al.*, 1970; Álvarez *et al.*, 1996; Cacciali, 2006; Harvey & Embert, 2009; Wallach, 2014; Cacciali *et al.*, 2016a; Atkinson *et al.*, 2017; Uetz *et al.*, 2025.

***Dipsas indica* Laurenti, 1768**

Fig. 119 - **Map.** 172

Type: Iconotype from Seba (1734, pl. 42, Fig. 5, Holotype).

Type locality: Amazon region, South America.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the department of Pando. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Laurenti, 1768; Beebe, 1946; Gasc & Rodrigues, 1980; Fugler *et al.*, 1995a; Starace, 1998; Kornacker, 1999; Frota *et al.*, 2005; Harvey, 2008; Natera-Mumaw & Battiston, 2008; Harvey *et al.*, 2009; Bernarde *et al.*, 2012; Fraga *et al.*, 2014; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Moraes *et al.*, 2017; Torres-Carvajal, 2019; Arredondo *et al.*, 2019b; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

***Dipsas lavillai* (Scrocchi, Porto & Rey, 1993)**

Fig. 120 - **Map.** 173

Type: FML 02053 (Holotype).

Type locality: 10 kilometers north of Joaquín V.

González and 14.7 kilometers east of the intersection between National Route 16 and Provincial Route 30. Anta Department. Salta. Argentina.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Scrocchi *et al.*, 1993; Montero *et al.*, 1995; Lions & Alvarez, 1996; Leynaud & Bucher, 1999; Cacciali, 2006; Kacoliris *et al.*, 2006; Bérnils *et al.*, 2007; Harvey, 2008; Harvey & Embert, 2009; Ferreira & Ávila, 2009; Montaña, 2013; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Arteaga *et al.*, 2018; Arzamendia *et al.*, 2019b; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

***Dipsas pavonina* Schlegel, 1837**

Map. 174

Type: MNHN-RA 0435 (Syntypes).

Type locality: "Guyanas".

Distribution: Bolivia, Brazil, Colombia, French Guiana, Ecuador, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of La Paz and Pando. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Schlegel, 1837; Duméril *et al.*, 1854; Boulenger, 1896; Peters, 1960; Roze, 1966; Peters & Orejas-Miranda, 1970; Gasc & Rodrigues, 1980; Lancini, 1986; Vanzolini, 1986; Jorge-da-Silva, 1993; Fugler *et al.*, 1995a; Starace, 1998; Kornacker, 1999; Bernarde & Abe, 2006; Harvey & Embert, 2009; Harvey, 2008; Lima & Prudente, 2009; Navarrete *et al.*, 2009; Bernarde *et al.*, 2012; Cole *et al.*, 2013; Pedroza-Banda *et al.*, 2014; Wallach *et al.*, 2014; Natera-Mumaw, 2015; Nogueira *et al.*, 2019e; Torres-Carvajal *et al.*, 2019; Uetz *et al.*, 2025.

***Dipsas peruana* (Boettger, 1898)**

Type: SMF 20801 (Holotype).

Type locality: Santa Ana, Cuzco Province, Peru.

Distribution: Bolivia, Colombia, Ecuador and Peru.

Remarks: Recorded in the department of Beni. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Peters, 1960; Peters & Orejas-Miranda, 1970; Harvey & Embert, 2009; Natera-Mumaw *et al.*, 2015; Caicedo *et al.*, 2016; Uetz *et al.*, 2025.



Figure 120. *Dipsas lavillai* from Santa Cruz de la Sierra, department of Santa Cruz. Photo: Steffen Reichle.



Figure 121. *Dipsas turgida* from Trinidad, department of Beni. Photo: Luis Rolando Rivas.



Figure 122. *Imantodes cenchoa* from Tahuamanu, department of Pando. Photo: Steffen Reichle.



Figure 123. *Imantodes lentiferus* from 12 de julio, department of Cochabamba. Photo: Raúl León.



Figure 124. *Leptodeira annulata* from Espiritu, department of Beni. Photo: Octavio Jiménez-Robles.



Figure 125. *Atractus bocki* from Pojo, department of Cochabamba. Photo: Luis Rolando Rivas.



Figure 126. *Atractus emmeli* from Villa Tunari, department of Cochabamba. Photo: Pedro Gómez-Murillo.



Figure 127. *Atractus major* from Cuzco Amazónico, Madre de Dios / Peru. Photo: Ignacio De la Riva.

***Dipsas turgida* (Cope, 1868)**

Fig. 121 - **Map.** 175

Type: USNM 5815 and USNM 5815b (Syntypes).

Type locality: Northern part of Paraguay River.

Distribution: Argentina, Bolivia, Brazil, Paraguay and Uruguay.

Remarks: Recorded in the departments of Cochabamba, La Paz, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Cope, 1868; Cope, 1887; Lonnberg, 1902; Werner, 1910; Griffin, 1916; Donoso-Barros, 1967; Peters & Orejas-Miranda, 1970; Ceí, 1993; Fugler *et al.*, 1995a; Álvarez *et al.*, 1996; Leynaud & Bucher, 1999; Giraudo, 2001; Giraudo & Scrocchi, 2002; Carreira *et al.*, 2005; Cacciali 2006; Scrocchi *et al.*, 2006; Harvey & Embert, 2009; Mendoza, 2010; Giraudo *et al.*, 2012b; Montaña, 2013; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Arteaga *et al.*, 2018; Cacciali, 2019; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

***Dipsas variegata* (Duméril, Bibron & Duméril, 1854)**

Map. 176

Type: MNHN-RA 7299 and RMNH 995 (Syntypes).

Type locality: Suriname.

Distribution: Bolivia, Brazil, Ecuador, French Guiana, Guyana, Peru, Suriname, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba and La Paz. Categorized as VU (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Duméril *et al.*, 1854; Stejneger, 1902; Gomes, 1918; Beebe, 1946; Peters & Orejas-Miranda, 1970; Gasc & Rodrigues, 1980; Fugler, 1984; Fugler, 1986b; Fugler *et al.*, 1995a; Kornacker, 1999; Middendorf & Reynolds, 2000; Doan & Arizábal, 2002; Cadle *et al.*, 2003; Calcaño & Barrio-Amorós, 2003; Passos *et al.*, 2004; MacCulloch & Lathrop, 2004; Ávila Pires, 2005; Harvey, 2008; Harvey & Embert, 2009; Kornacker & Natera-Mumaw, 2008; Lotzkat *et al.*, 2008; Muñoz, 2009a; Bernarde *et al.*, 2012; Catenazzi *et al.*, 2013; Cole *et al.*, 2013; Freitas, 2014; Murphy & Rutherford, 2014; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Arteaga *et al.*, 2018; Señaris *et al.*, 2018; Catenazzi *et al.*, 2019b; Hedges *et al.*, 2019; Nogueira *et al.* 2019; Torres-Carvajal *et al.*, 2019; Uetz *et al.*, 2025.

Genus *Imantodes* Duméril, 1853

***Imantodes cenchoa* (Linnaeus, 1758)**

Fig. 122 - **Map.** 177

Type: MCZ R-27800 (Holotype).

Type locality: “America”.

Distribution: Argentina, Belize, Bolivia, Brazil, Colombia, Costa Rica, Ecuador, French Guiana, Guatemala, Guyana, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Suriname, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Duméril, 1853; Cope, 1879; Garman, 1884; Boettger, 1891; Beebe, 1946; Gans, 1960; Peters & Orejas-Miranda, 1970; Ceí, 1993; Liner, 1994; Murphy, 1997; Kornacker, 1999; Campbell, 1998; Giraudo & Scrocchi, 2002; Lehr, 2002; Savage, 2002; Köhler, 2003; Moravec & Aparicio, 2004; Cortez, 2005; Tipton, 2005; Cisneros-Heredia, 2006b; Barrio-Amorós & Brewer-Carias, 2008; Wilson *et al.*, 2010; Bernarde *et al.*, 2012; Guerra Centeno *et al.*, 2012; Cole *et al.*, 2013; Catenazzi *et al.*, 2013; Montaña, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Acosta-Chaves *et al.*, 2015; Mata-Silva *et al.*, 2015; Missassi & Prudente, 2015; McCranie, 2015; Mason *et al.*, 2015; Heimes, 2016; Cacciali *et al.*, 2016a; González-Sánchez *et al.*, 2017; Restrepo *et al.*, 2017; Woolrich-Piña *et al.*, 2017; Ávila-Pires *et al.*, 2018; Eversole *et al.*, 2018; Señaris *et al.*, 2018; Arzamendia *et al.*, 2019d; Auguste, 2019; Fonseca *et al.*, 2019; Freitas *et al.*, 2019; Hedges *et al.*, 2019; Llanqui *et al.*, 2019; Nogueira *et al.*, 2019a; Torres-Carvajal *et al.*, 2019; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

***Imantodes lentiferus* (Cope, 1894)**

Fig. 123 - **Map.** 178

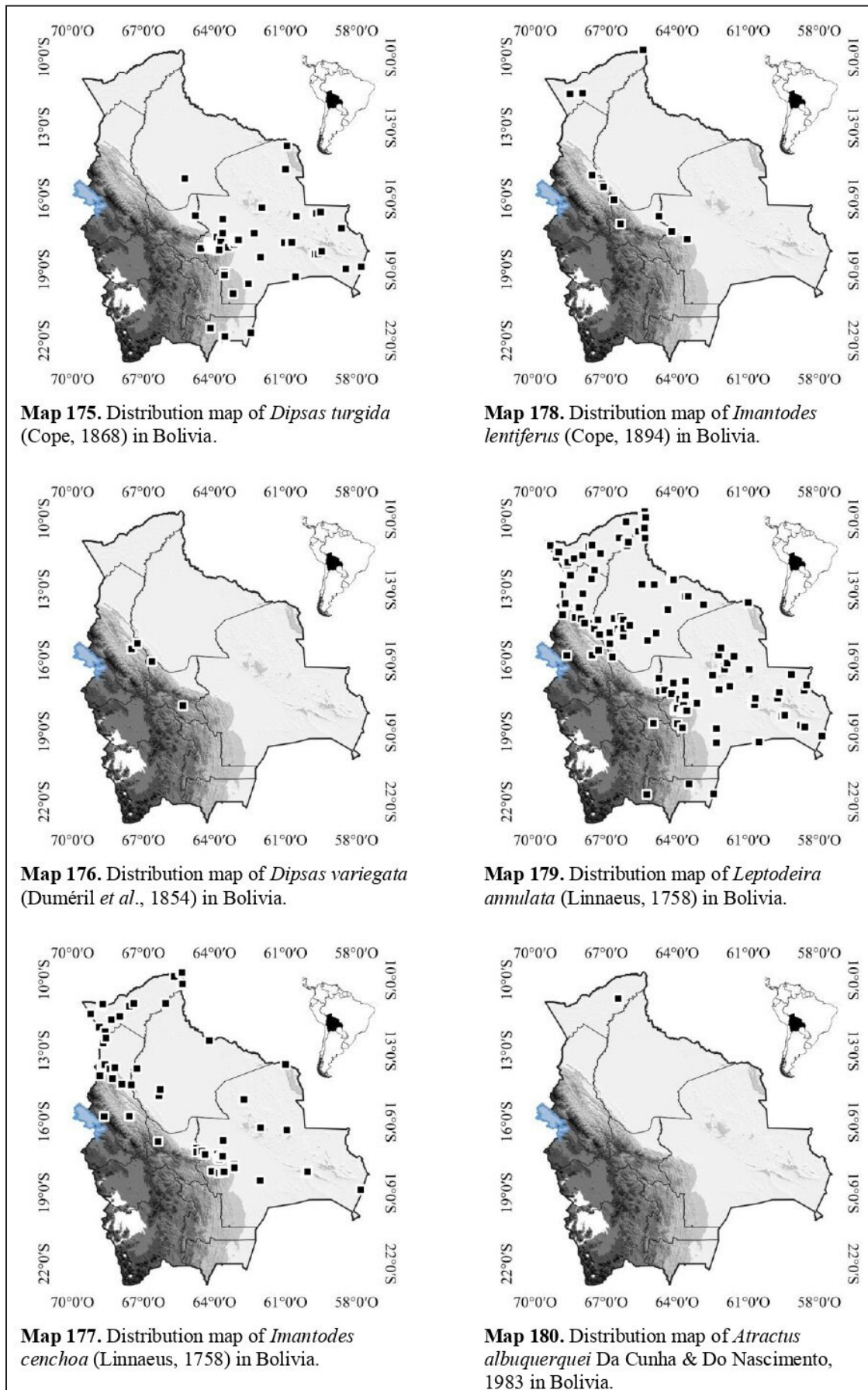
Type: ANSP 11459 (Lectotype).

Type locality: Pebas, Ecuador.

Distribution: Brazil, Bolivia, Colombia, Ecuador, French Guiana, Guyana, Suriname, Peru and Venezuela.

Remarks: Recorded in the departments of Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Cope, 1894; Peters & Orejas-Miranda, 1970; Duellman, 1978; Gasc & Rodrigues, 1980; Myers, 1982; Donnelly & Myers, 1991; Jorge-da-Silva, 1993; Fugler *et al.*, 1995a; Kornacker,



1999; Whithworth & Beirne, 2011; Bernarde *et al.*, 2012; Sampaio & Lima-Maciel, 2012; Catenazzi *et al.*, 2013; Cole *et al.*, 2013; Wallach *et al.*, 2014; Ascenso & Missassi, 2015; Missassi & Prudente, 2015; Natera-Mumaw *et al.*, 2015; Avila-Pires *et al.*, 2018; Almendáriz *et al.*, 2019b; Nogueira *et al.*, 2019a; Torres-Carvajal *et al.*, 2019; Uetz *et al.*, 2025.

Genus *Leptodeira* Fitzinger, 1843

***Leptodeira annulata* (Linnaeus, 1758)**

Fig. 124 - Map. 179

Type: UUZM 9 (Holotype).

Type locality: “lower Rio Amazon” Pará, Brazil.

Distribution: Argentina, Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Suriname, Trinidad and Tobago and Venezuela.

Remarks: Recorded in the departments of Beni, Chuquisaca, Cochabamba, La Paz, Pando, Santa Cruz and Tarija. Categorized as LC (MAYA, 2009) and LC (IUCN, 2022). A new taxonomic revision for this species is presented by Costa *et al.* (2022), for which a new species is described, one is revalidated, and five subspecies are elevated to species level. However, these authors did not examine material from Bolivia, and their diagnoses are largely based upon molecular data and hemipenial characters. Since tissue samples and prepared hemipenis are largely unavailable, we suggest that a taxonomic revision of this species in Bolivia is currently needed.

Selected references: Linnaeus, 1758; Fitzinger, 1843; Günther, 1895; Taylor, 1954; Duellman, 1958; Fugler, 1983; Fugler, 1984; Boettger, 1891; Peraeca, 1897; Gans, 1960; Peters & Orejas-Miranda, 1970; Liner, 1994; Fugler *et al.*, 1995a; Middendorf & Reynolds, 2000; Cortez, 2005; Moravec & Aparicio, 2005; Rivas & Barrio-Amorós, 2005; Kacoliris *et al.*, 2006; Castro-Herrera & Vargas-Salinas, 2008; Harvey *et al.*, 2008b; Pontes *et al.*, 2008; Mendoza, 2010; Bernarde *et al.*, 2012; Rivas *et al.*, 2012; Blanco-Torres *et al.*, 2013; Catenazzi *et al.*, 2013; Cole *et al.*, 2013; Montaña, 2013; Wallach *et al.*, 2014; Pedroza-Banda *et al.*, 2014; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Cacciali *et al.*, 2016a; Adena-Ortiz *et al.*, 2017; Pinto-Viveros *et al.*, 2017; Ávila-Pires *et al.*, 2018; Señaris *et al.*, 2018; Arzamendia *et al.*, 2019c; Auguste, 2019; Barrio-Amorós, 2019; Hedges *et al.*, 2019; Nogueira *et al.*, 2019a; Torres-Carvajal *et al.*, 2019; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

Dipsadinae-Unnamed Tribe

Genus *Atractus* Wagler, 1828

***Atractus albuquerquei* Da Cunha & Do Nascimento, 1983**

Map. 180

Type: MPEG 12946 (Holotype).

Type locality: near the river Timboteua, in the locality called Vila Nova, on road PA-256, between Tomé-Açu and Paragominas, Pará, Brazil.

Distribution: Bolivia and Brazil.

Remarks: Recorded in the department of Pando. Categorized as NE (MAYA, 2009) and LC (IUCN, 2022).

Selected references: Da Cunha & Do Nascimento, 1983; Zaher *et al.*, 2005; Wallach *et al.*, 2014; Silveira *et al.*, 2019c; Powell *et al.*, 2020; Uetz *et al.*, 2025.

***Atractus bocki* Werner, 1909**

Fig. 125 - Map. 181

Type: ZMH (Holotype).

Type locality: Cochabamba, Departamento de Cochabamba, Bolivia.

Distribution: Argentina and Bolivia.

Remarks: Recorded in the departments of Cochabamba and Santa Cruz. Categorized as VU (MAYA, 2009) and DD (IUCN, 2022).

Selected references: Fugler *et al.*, 1995a; Hallermann, 1998; Aguayo & Passos, 2009; Passos *et al.*, 2009; Mendoza, 2010; Montaña, 2013; Wallach *et al.*, 2014; Aguayo *et al.*, 2017f; Uetz *et al.*, 2025.

***Atractus elaps* (Günther, 1858)**

Map. 182

Type: BMNH 1946.1.6.45 (Holotype).

Type locality: Guayaquil, Ecuador.

Distribution: Bolivia, Brazil, Colombia, Ecuador, Peru and Venezuela.

Remarks: Recorded in the departments of Beni, Pando and Santa Cruz. Categorized as NE (MAYA, 2009) and LC (IUCN, 2022).

Selected references: Günther, 1858; Savage, 1960; Dixon, 1976; Duellman, 1978; Fugler, 1983; Fugler *et al.*, 1995a; Kornacker, 1999; Passos *et al.*, 2007; Wallach *et al.*, 2014; Ortega *et al.*, 2019; Uetz *et al.*, 2025.

***Atractus emmeli* (Boettger, 1888)**

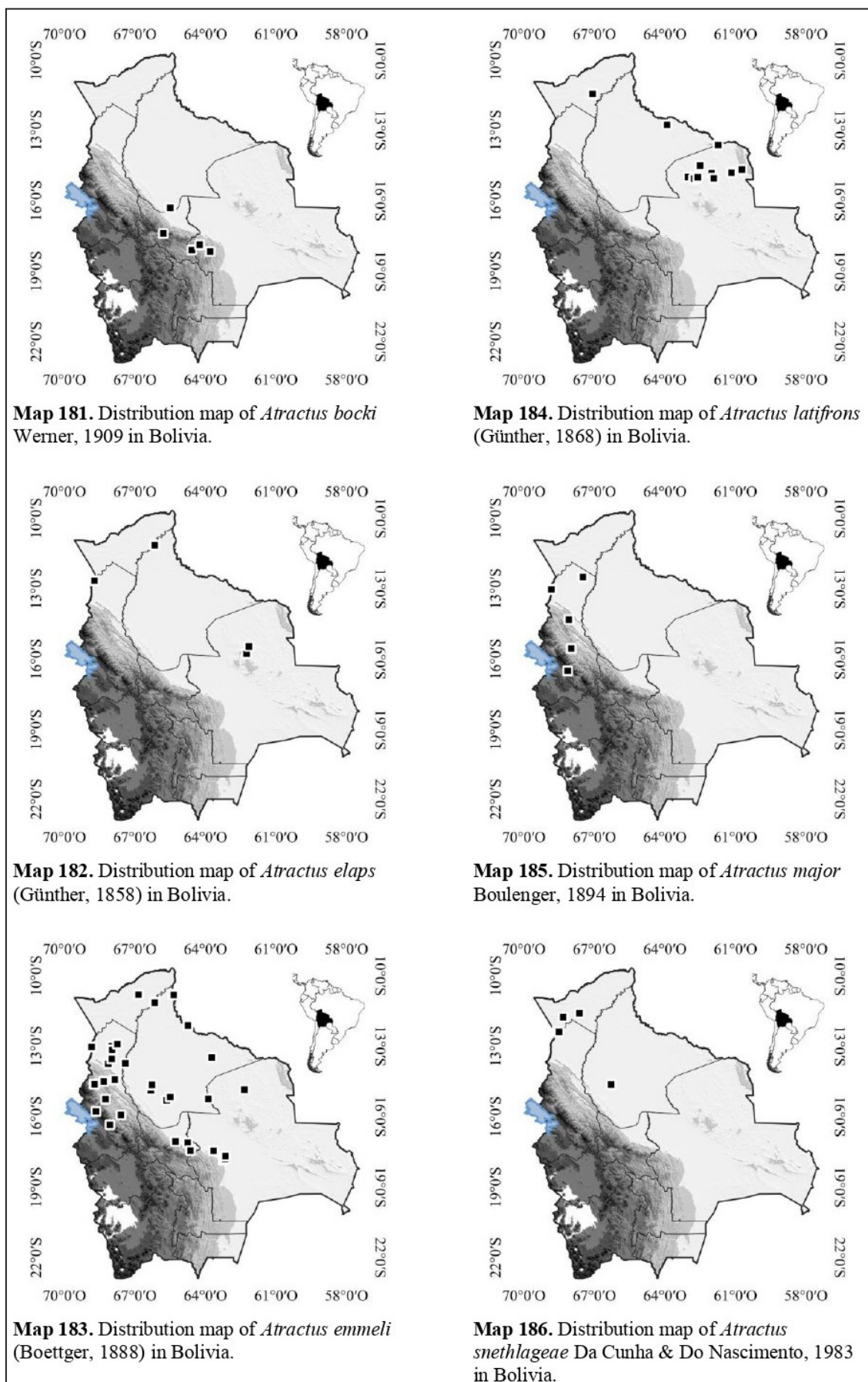
Fig. 126 - Map. 183

Type: SMF 19364 (Lectotype).

Type locality: Río Mapiri, Dep. de La Paz, Bolivia.

Distribution: Bolivia, Brazil and Peru.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Cat-



egorized as CR (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Boettger, 1888; Schmidt & Walker, 1943; McCoy, 1971; Fugler, 1983; Fugler *et al.*, 1995a; Passos & Fernandes, 2008b; Embert, 2009b; Montaña, 2013; Quinteros-Muñoz, 2013; Wallach *et al.*, 2014; Aguayo *et al.*, 2016b; Nogueira *et al.*, 2019a; Passos *et al.*, 2019; Gómez-Murillo & Arellano-Martín, 2020; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

***Atractus latifrons* (Günther, 1868)**

Map. 184

Type: BMNH 1946.1.6.52 (Type).

Type locality: Pebas, Loreto, Peru.

Distribution: Bolivia, Brazil, Colombia, French Guiana, Peru and Suriname.

Remarks: Recorded in the departments of Beni, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Günther, 1868; Hoogmoed, 1980; Gasc & Rodrigues, 1980; Da Cunha & Do Nascimento, 1983; Starace, 1998; Passos *et al.*, 2007; Passos & Prudente, 2012; Wallach *et al.*, 2014; Arredondo *et al.*, 2019c; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

***Atractus major* Boulenger, 1894**

Fig. 127 - **Map.** 185

Type: BMNH 1946.9.7.27 (Holotype), BMNH 1946.9.7.27 (Lectotype).

Type locality: Canelos, Provincia Pastaza, Ecuador.

Distribution: Bolivia, Brazil, Colombia, Ecuador, Peru, and Venezuela.

Remarks: Recorded in the departments of Beni and La Paz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Savage, 1960; Peters & Orejas-Miranda, 1970; Duellman, 1978; Kornacker, 1999; Passos *et al.*, 2007; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Nogueira *et al.*, 2016b; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

***Atractus snethlageae* Da Cunha & Do Nascimento, 1983**

Map. 186

Type: MPEG 10.131 (Holotype).

Type locality: Colônia Nova, Rio Gurupi, Pará, Rodovia, Brazil.

Distribution: Argentina, Bolivia, Brazil, Colombia, Ecuador and Peru.

Remarks: Recorded in the departments of Beni and Pando. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Da Cunha & Do Nascimento, 1983; Martins & Oliveira, 1993; Silva-Haad 2004; Passos *et al.*, 2007; Wallach *et al.*, 2014; Nogueira *et al.*, 2019a; Scrocchi *et al.*, 2019; Melo-Sampaio *et al.*, 2021b; Uetz *et al.*, 2025.

***Atractus torquatus* (Duméril, Bibron & Duméril, 1854)**

Map. 187

Type: MNHN-RA 0437 (Lectotype).

Type locality: Santa Cruz de la Sierra, Dep. de Santa Cruz, Bolivia.

Distribution: Bolivia, Brazil, Colombia, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni and Santa Cruz. Categorized as EN (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Duméril *et al.*, 1854; Hoogmoed, 1980; Fugler *et al.*, 1995a; Kornacker, 1999; Passos *et al.*, 2007; Embert, 2009c; Wallach *et al.*, 2014; Arredondo *et al.*, 2019a; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

**Tribe Dipsadidae Bonaparte, 1838 - *Incertae sedis*
Genus *Xenopholis* Peters, 1869**

***Xenopholis scalaris* (Wucherer, 1861)**

Map. 188

Type: BMNH 1946.1.8.60 (Syntype).

Type locality: Canavieras, Matta de Sao Joao, Brazil.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Wucherer, 1861; Strauch, 1884; Peters, 1960; Peters & Orejas-Miranda, 1970; Bauer *et al.*, 1995; Harvey *et al.*, 1998; Lehr, 2002; Cadle *et al.*, 2003; Lehr, 2002; Jansen *et al.*, 2009; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Doan *et al.*, 2019; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

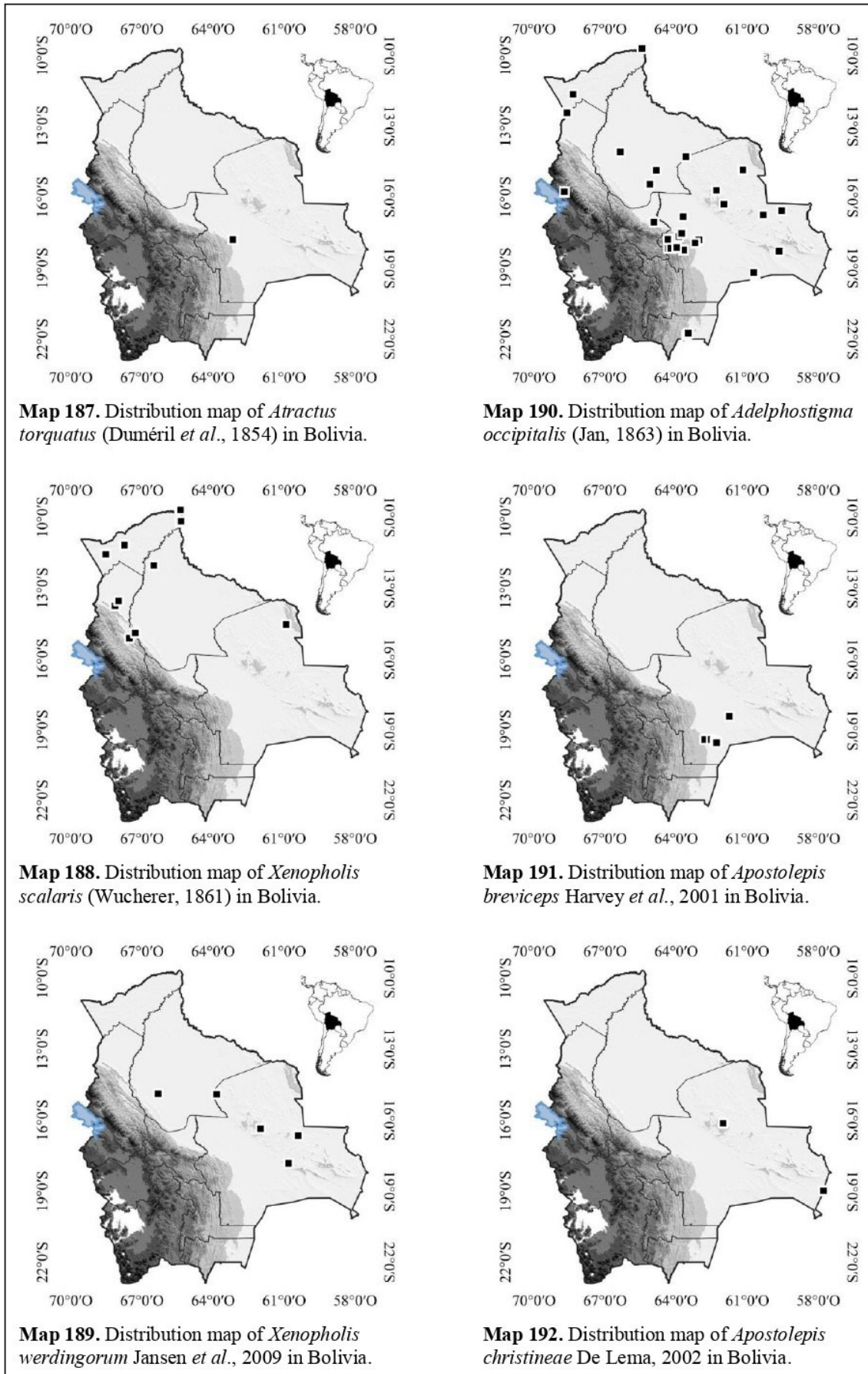
***Xenopholis werdingorum* Jansen, Gonzales & Köhler, 2009**

Map. 189

Type: MNK R 4700 (Holotype).

Type locality: Hacienda San Sebastián, Province of Ñuflo de Chávez, Department of Santa Cruz, Bolivia.

Distribution: Bolivia and Brazil.



Remarks: Recorded in the departments of Beni and Santa Cruz. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Jansen *et al.*, 2009; Wallach *et al.*, 2014; Marques *et al.*, 2015; Powell *et al.*, 2016; Nogueira *et al.*, 2019a; Eversole *et al.*, 2021; Gonzales & Nogueira, 2021; Uetz *et al.*, 2025.

Tribe Echinantherini Zaher, Grazziotin, Cadle, Murphy, Moura-Leite & Bonatto, 2009

Genus *Adelphostigma* Abegg, Santos-Jr, Costa, Battilana, Graboski,

Vianna, Azevedo, Fagundes, Castille, Prado, Bonatto, Zaher and

Grazziotin, 2022

***Adelphostigma occipitalis* (Jan, 1863)**

Fig. 128 - Map. 190

Type: ZMH R04423 (Syntype).

Type locality: Bahia, Brazil.

Distribution: Argentina, Bolivia, Brazil, Paraguay, Peru and Uruguay.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Boettger, 1891; Lönnberg, 1902; Myers, 1974; Duellman, 1991; Di Bernardo, 1992; Cei, 1993; Myers & Cadle, 1994; Fugler *et al.*, 1995a; Di Bernardo, 1996; Leynaud & Bucher, 1999; Campos, 2001; Mendoza, 2010; Myers & Mcdowell, 2014; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Hladki *et al.*, 2019a; Nogueira *et al.*, 2019a; Abegg *et al.*, 2022; Uetz *et al.*, 2025.

Tribe Elapomorphini Jan, 1862

Genus *Apostolepis* Cope, 1861

***Apostolepis breviceps* Harvey, Gonzales & Scrocchi, 2001**

Map. 191

Type: MNK 1839 (Holotype).

Type locality: vicinity of Cerro Cortado, Cordillera Province, Santa Cruz Department, Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in the department of Santa Cruz. Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Harvey *et al.*, 2001; Cortez, 2009b; Wallach *et al.*, 2014; Gonzales, 2019; Uetz *et al.*, 2025.

***Apostolepis christineae* De Lema, 2002**

Map. 192

Type: MCP 12515 (Holotype).

Type locality: Estação Ecologia da Sierra das Araras, Barra dos Bugres, Município de Cáceres, Brazil.

Distribution: Bolivia and Brazil.

Remarks: Recorded in the department of Santa Cruz. Categorized as NE (MMAYA, 2009) and DD (IUCN, 2022).

Selected references: Harvey, 1999; Wallach *et al.*, 2014; Entiauspe-Neto & Lema, 2015; Martins & De Lema, 2015; França *et al.*, 2018; Silveira *et al.*, 2019b; Uetz *et al.*, 2025.

***Apostolepis dorbignyi* (Schlegel, 1837)**

Map. 193

Type: MNHN-RA 3664 (Holotype).

Type locality: Not known.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in the department of Tarija. Categorized as DD (MMAYA, 2009) and DD (IUCN, 2022).

Selected references: Schlegel, 1837; Boulenger, 1896; Harvey, 1999; Lema, 2001; Wallach *et al.*, 2014; Gonzales, 2016; Uetz *et al.*, 2025.

***Apostolepis multicincta* Harvey, 1999**

Fig. 129 - Map. 194

Type: MNK (Holotype).

Type locality: vicinity of Pampa Grande, Provincia Florida, Departamento Santa Cruz, Bolivia.

Distribution: Argentina and Bolivia

Remarks: Recorded in the departments of Cochabamba, Chuquisaca and Santa Cruz. Categorized as VU (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Harvey, 1999; Lema, 2001; Embert & Reichle, 2004; Gonzales & Montaña, 2009d; Mendoza, 2010; Montaña, 2013; Wallach *et al.*, 2014; Burgos-Gallardo *et al.*, 2015; Muñoz *et al.*, 2016d; Mendoza-Miranda, *et al.*, 2017; França *et al.*, 2018; Uetz *et al.*, 2025.

***Apostolepis nigroterminata* Boulenger, 1896**

Fig. 130 - Map. 195

Type: BMNH 1946.1.9.77 (Holotype).

Type locality: Callaria, Ucayali, NE Peru.

Distribution: Bolivia, Brazil and Peru.

Remarks: Recorded in the departments of Beni and Santa Cruz. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Boulenger, 1896; Fugler *et al.*, 1995a; Harvey, 1999; Wallach *et al.*, 2014; Catenazzi



Figure 128. *Adelphostigma occipitalis* from Cuevas, department of Santa Cruz. Photo: Ignacio De la Riva.



Figure 132. *Phalotris sansebastiani* from La Chonta, department of Santa Cruz. Photo: Steffen Reichle.



Figure 129. *Apostolepis multicincta* from Cachuela Brava, department of Santa Cruz. Photo: Lucindo Gonzales.



Figure 133. *Hydrodynastes gigas* from Otuquis, department of Santa Cruz. Photo: Steffen Reichle.



Figure 130. *Apostolepis nigroterminata* from Santiago de Chiquitos, department of Santa Cruz. Photo: Steffen Reichle.



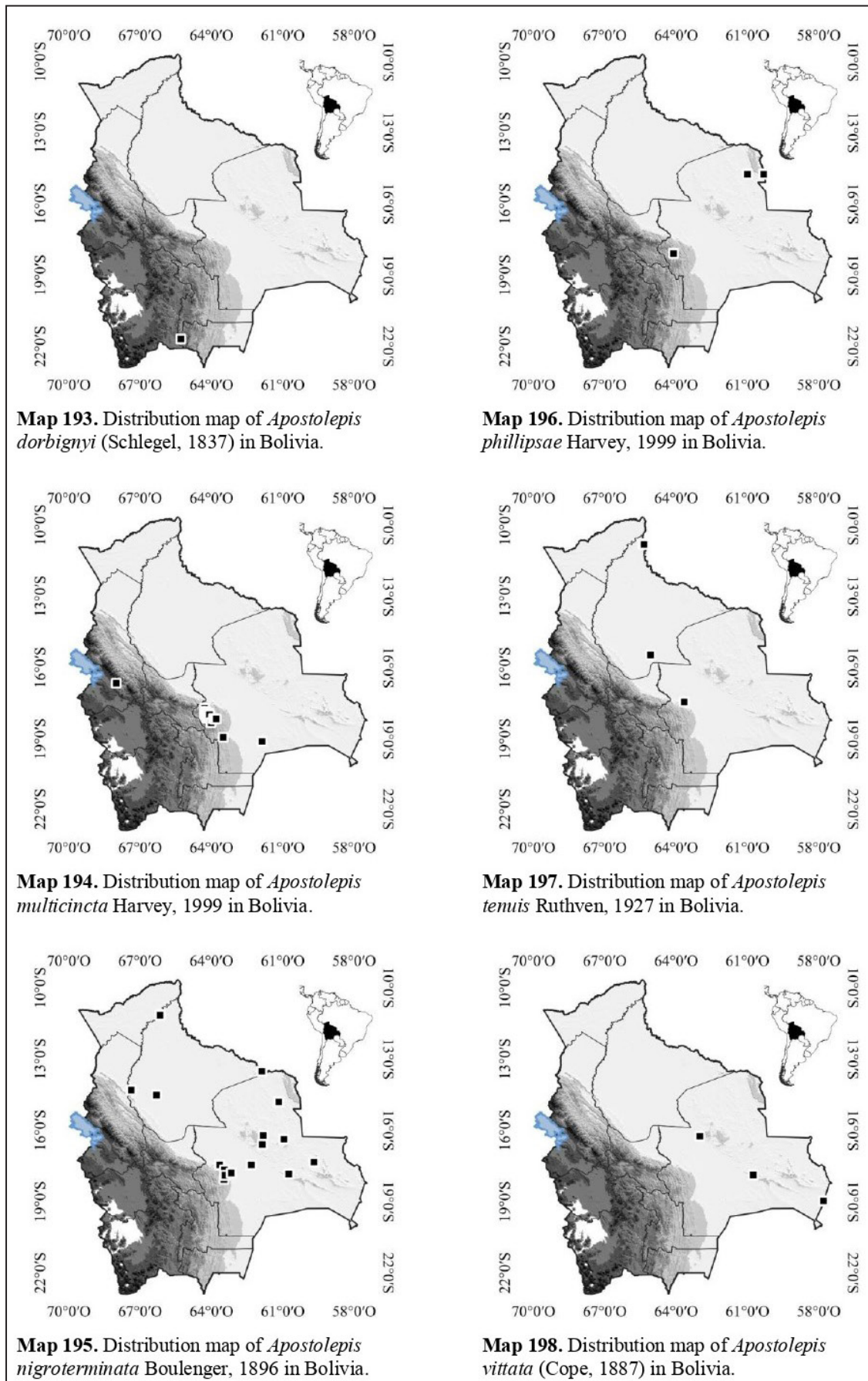
Figure 134. *Helicops angulatus* from Villa Tunari, department of Cochabamba. Photo: Pedro Gómez-Murillo.



Figure 131. *Apostolepis underwoodi* from Puerto Almacén, department of Santa Cruz. Photo: Ignacio De la Riva.



Figure 135. *Helicops leopardinus* from Trinidad, department of Beni. Photo: Luis Rolando Rivas.



et al., 2019a; Nogueira *et al.*, 2019; Uetz *et al.*, 2025.

***Apostolepis phillipsae* Harvey, 1999**

Map. 196

Type: UTA 43940 (Holotype).

Type locality: Estancia El Refugio, Provincia Velasco, Santa Cruz, Bolivia.

Distribution: Bolivia and Brazil.

Remarks: Recorded in the department of Santa Cruz. Categorized as NT (MMAYA, 2009) and VU (IUCN, 2022).

Selected references: Harvey, 1999; Harvey *et al.*, 2001; De Lema, 2004; Michels & Bauer, 2004; Cortez, 2009c; Wallach *et al.*, 2014; Nogueira *et al.*, 2019c; Uetz *et al.*, 2025.

***Apostolepis tenuis* Ruthven, 1927**

Map. 197

Type: UMMZ 64436 (Holotype).

Type locality: Buena Vista, Santa Cruz, Bolivia.

Distribution: Bolivia and Brazil.

Remarks: Recorded in the departments of Beni and Santa Cruz. Categorized as NT (MMAYA, 2009) and DD (IUCN, 2022).

Selected references: Ruthven, 1927; Fugler *et al.*, 1995a; Harvey, 1999; Cortez, 2009d; Wallach *et al.*, 2014; Aguayo *et al.*, 2016a; Uetz *et al.*, 2025.

***Apostolepis underwoodi* Lema & Campbell, 2017**

Fig. 131

Type: BMNH 1927.8.1.180 (Holotype).

Type locality: Buena Vista, Santa Cruz Department, Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in the department of Santa Cruz. This species likely constitutes a synonym of *A. nigroterminata* (O.M. Entiauspe-Neto, pers. obs.). Categorized as NE (MMAYA, 2009).

Selected references: Lema & Campbell, 2017; Uetz *et al.*, 2025.

***Apostolepis vittata* (Cope, 1887)**

Map. 198

Type: ANSP 11293 (Holotype).

Type locality: Mato Grosso, Brazil.

Distribution: Bolivia and Brazil.

Remarks: Recorded in the department of Santa Cruz. Categorized as DD (MMAYA, 2009) and VU (IUCN, 2022).

Selected references: Cope, 1887; Harvey, 1999;

Harvey *et al.*, 2001; Wallach *et al.*, 2014; Martins & De Lema, 2015; França *et al.*, 2018; Nogueira 2021; Uetz *et al.*, 2025.

Genus *Phalotris* Cope, 1862

***Phalotris sansebastiani* Jansen & Köhler, 2008**

Fig. 132 - **Map.** 199

Type: MNK R 4345 (Holotype).

Type locality: Hacienda San Sebastián, Provincia Ñullo de Chávez, Departament of Santa Cruz, Bolivia.

Distribution: Argentina and Bolivia.

Remarks: Recorded in the department of Santa Cruz. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Jansen & Köhler, 2008; Scrocchi & Giraudo, 2012; Wallach *et al.*, 2014; Aguayo *et al.*, 2016f; Uetz *et al.*, 2025.

***Phalotris tricolor* (Duméril, Bibron & Duméril, 1854)**

Map. 200

Type: MNHN-RA 0520 (Lectotype).

Type locality: "Santa-Cruz" Bolivia.

Distribution: Argentina, Bolivia and Paraguay.

Remarks: Recorded in the departments of Santa Cruz and Tarija. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Duméril *et al.*, 1854; Jan, 1865; Strauch, 1884; Gans, 1960; Abalos *et al.*, 1964; de Lema, 1979; Freiberg, 1982; Fugler *et al.*, 1995a; Leynaud & Bucher, 1999; De Lema, 2002; Lema *et al.*, 2005; Jansen & Köhler, 2008; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Cruz *et al.*, 2016; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

Tribe Hydrodynastini Zaher, Grazziotin, Cadle, Murphy, Moura-Leite & Bonatto, 2009

Genus *Hydrodynastes* Fitzinger, 1843

***Hydrodynastes gigas* (Duméril, Bibron & Duméril, 1854)**

Fig. 133 - **Map.** 201

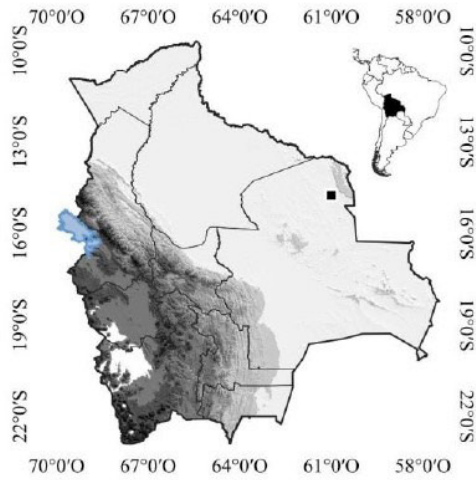
Type: MNHN-RA 3623 (Syntype).

Type locality: Corrientes, Argentina.

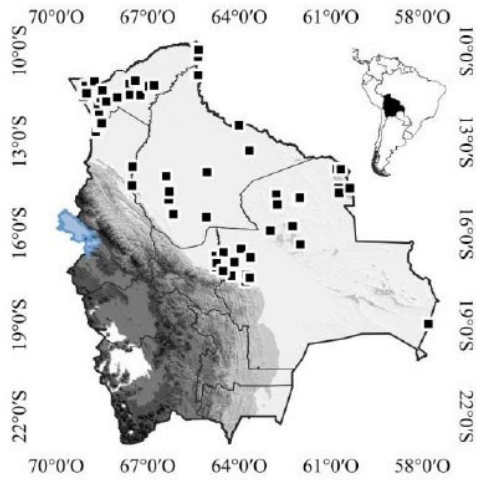
Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Beni, Cochabamba, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

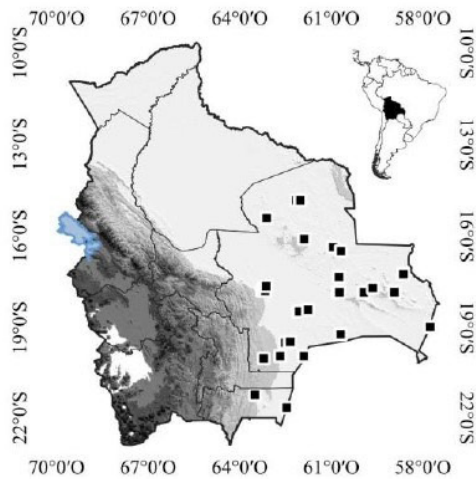
Selected references: Duméril *et al.*, 1854; Peters & Orejas-Miranda, 1970; Hoogmoed, 1982; Fugler, 1983; Cei, 1993; Fugler *et al.*, 1995a; Leynaud &



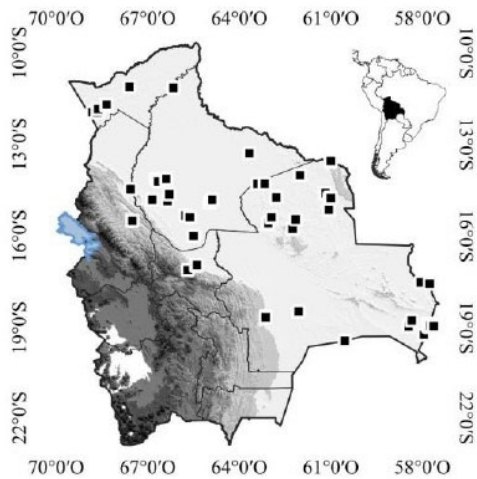
Map 199. Distribution map of *Phalotris sansebastiani* Jansen & Köhler, 2008 in Bolivia.



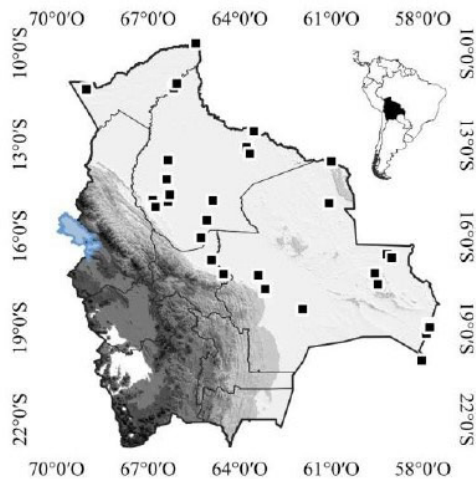
Map 202. Distribution map of *Helicops angulatus* (Linnaeus, 1758) in Bolivia.



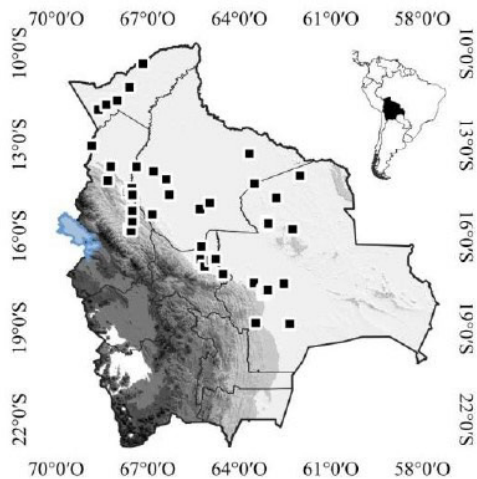
Map 200. Distribution map of *Phalotris tricolor* (Duméril *et al.*, 1854) in Bolivia.



Map 203. Distribution map of *Helicops leopardinus* (Schlegel, 1837) in Bolivia.



Map 201. Distribution map of *Hydrodynastes gigas* (Duméril *et al.*, 1854) in Bolivia.



Map 204. Distribution map of *Helicops polylepis* Günther, 1861 in Bolivia.

Bucher, 1999; Padial *et al.*, 2003; Montaña, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Nogueira *et al.*, 2019a; Aguilar-Kirigin, 2020; Williams *et al.*, 2021; Uetz *et al.*, 2025.

Tribe Hydropsini Dowling, 1975

Genus *Helicops* Wagler, 1830

***Helicops angulatus* (Linnaeus, 1758)**

Fig. 134 - Map. 202

Type: NRM (Holotype).

Type locality: “Asia” in error.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Wagler, 1830; Günther, 1861; Sclater, 1891; Boulenger, 1893; Peters & Orejas-Miranda, 1970; Gasc & Rodrigues, 1980; Fugler, 1984; Fugler, 1986a; Fugler *et al.*, 1995a; Gorzula & Señaris, 1999; Moravec & Aparicio, 2004; Cisneros-Heredia, 2006a; Kawashita-Ribeiro *et al.*, 2013; Montaña, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Nogueira *et al.*, 2019a; Nogueira *et al.*, 2019d; Gómez-Murillo & Arellano-Martín, 2020; Uetz *et al.*, 2025.

***Helicops leopardinus* (Schlegel, 1837)**

Fig. 135 - Map. 203

Type: RMNH RENA.1159 (Lectotype).

Type locality: Not known.

Distribution: Argentina; Bolivia, Brazil, Ecuador, French Guiana, Guyana, Paraguay, Peru and Suriname.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Schlegel, 1837; Boulenger, 1893; Griffin, 1916; Gasc & Rodrigues, 1980; Fugler, 1984; Fugler, 1988a; Fugler *et al.*, 1995a; Leynaud & Bucher, 1999; Padial *et al.*, 2003; Cisneros-Heredia, 2006a; Kawashita-Ribeiro *et al.*, 2013; Montaña, 2013; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Catenazzi *et al.*, 2019c; Nogueira *et al.*, 2019a; Eversole *et al.*, 2021; Schöneberg & Köhler, 2022; Uetz *et al.*, 2025.

***Helicops polylepis* Günther, 1861**

Fig. 136 - Map. 204

Type: BMNH 1946.1.13.25 (Type).

Type locality: State of Amazonas, Brazil.

Distribution: Brazil, Colombia, Ecuador, Bolivia and Peru.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Peters *et al.*, 1970; Fugler, 1984; Fugler *et al.*, 1995a; Duellman & Salas, 1991; Cortez, 2005; Da Frota, 2005; Silva *et al.*, 2011; Montaña, 2013; Wallach *et al.*, 2014; Calderón *et al.*, 2019d; Nogueira *et al.*, 2019a; Schöneberg & Köhler, 2022; Uetz *et al.*, 2025.

Genus *Hydrops* Wagler, 1830

***Hydrops triangularis* (Wagler, 1824)**

Map. 205

Type: ZSM 1846/0 (Holotype).

Type locality: Lago Tefé, at confluence with Rio Amazon, Brazil.

Distribution: Bolivia, Brazil, Colombia, French Guiana, Guyana, Peru, Suriname, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Wagler, 1824; Wagler, 1830; Beebe, 1946; Roze, 1957; Fugler, 1986a; Lancini & Kornacker, 1989; Fugler *et al.*, 1995a; Albuquerque & de Lema, 2008; Cole *et al.*, 2013; Montaña, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Nogueira *et al.*, 2019a; Nogueira *et al.*, 2019f; Uetz *et al.*, 2025.

Genus *Pseudoeryx* Fitzinger, 1826

***Pseudoeryx plicatilis* (Linnaeus, 1758)**

Fig. 137 - Map. 206

Type: NRM 57 (Holotype).

Type locality: “Ternataeis” [= Ternate, Indonesia] in error.

Distribution: Argentina, Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando, and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Boie, 1827; Koslowsky, 1898; Peters & Orejas-Miranda, 1970;



Figure 136. *Helicops polylepis* from Hondo - Madidi, department of La Paz. Photo: Mauricio Ocampo.



Figure 140. *Philodryas baroni* from Kaa-Iya, department of Santa Cruz. Photo: Lucindo Gonzales.



Figure 137. *Pseudoeryx plicatilis* from Leticia / Colombia. Photo: Ignacio De la Riva.



Figure 141. *Philodryas boliviana* from Cochabamba, department of Cochabamba. Photo: Gabriel Callapa.



Figure 138. *Chlorosoma viridissimum* from Chalalan, department of La Paz. Photo: Steffen Reichle.



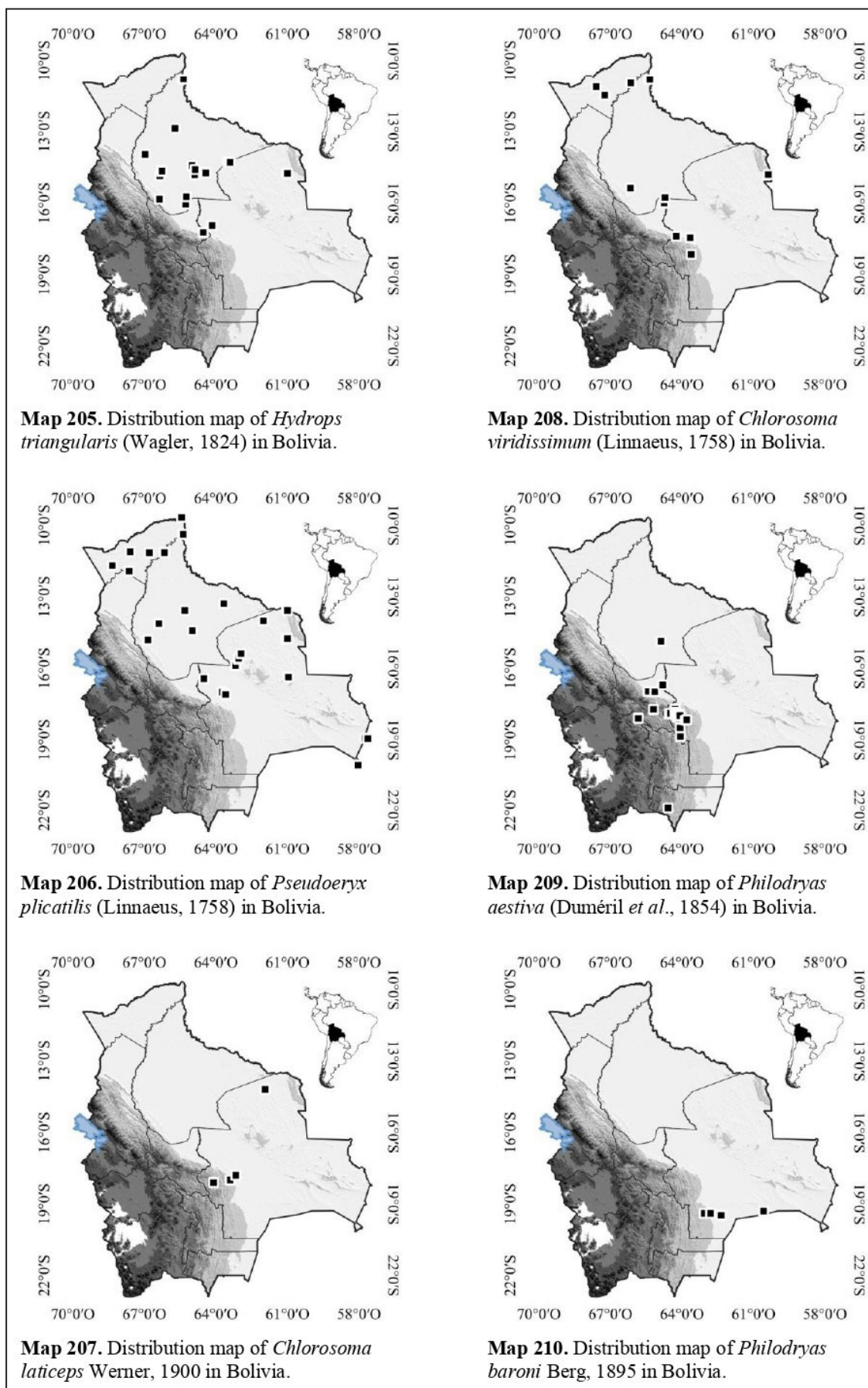
Figure 142. *Philodryas nattereri* from Santiago de Chiquitos, department of Santa Cruz. Photo: Lucindo Gonzales.



Figure 139. *Philodryas aestiva* from Villa Tunari, department of Cochabamba. Photo: Pedro Gómez-Murillo.



Figure 143. *Philodryas olfersii* from Lomas de Arena, department of Santa Cruz. Photo: Ignacio De la Riva.



Fugler, 1983; Fugler *et al.*, 1995a; Starace, 1998; Kornacker, 1999; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Gagliardi *et al.*, 2019; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

Tribe Philodryadini Cope, 1886

Genus *Chlorosoma* Wagler, 1830

***Chlorosoma laticeps* Werner, 1900**

Map. 207

Type: ZMB 15704 (Holotype).

Type locality: Santa Catharina, Brazil (Likely in error).

Distribution: Bolivia and Brazil.

Remarks: Recorded in the departments of Cochabamba and Santa Cruz. Categorized as NE (MMAYA, 2009) and DD (IUCN, 2022).

Selected references: Werner, 1900; Williams & Francini, 1991; Zaher *et al.*, 2008b; Navarro-Cornejo & Gonzales, 2013; Wallach *et al.*, 2014; Nogueira & Silveira, 2019; Arredondo *et al.*, 2020; Melo-Sampaio *et al.*, 2021a; Uetz *et al.*, 2025.

***Chlorosoma viridissimum* (Linnaeus, 1758)**

Fig. 138 - **Map.** 208

Type: Lost (Holotype).

Type locality: Suriname.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Boulenger, 1896; Müller, 1928; Beebe, 1946; Peters & Orejas-Miranda, 1970; Thomas, 1976; Gasc & Rodrigues, 1980; Fugler *et al.*, 1995a; Starace, 1998; Gorzula & Señaris, 1999; Lehr, 2002; Bernarde *et al.*, 2012; Hamdan *et al.*, 2012; Rivas *et al.*, 2012; Grazziotin *et al.*, 2012; Catenazzi *et al.*, 2013; Cole *et al.*, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Entiauspe-Neto *et al.*, 2018; Gutiérrez-Cárdenas *et al.*, 2019; Nogueira *et al.*, 2019a; Torres-Carvajal *et al.*, 2019; Arredondo *et al.*, 2020; Melo-Sampaio *et al.*, 2021a; Uetz *et al.*, 2025.

Genus *Philodryas* Wagler, 1830

***Philodryas aestiva* (Duméril, Bibron & Duméril, 1854)**

Fig. 139 - **Map.** 209

Type: MNHN-RA 3842 (Lectotype).

Type locality: Santa Catarina, Brazil.

Distribution: Argentina, Bolivia, Brazil, Paraguay and Uruguay.

Remarks: Recorded in the departments of Cochabamba and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Duméril *et al.*, 1854; Günther, 1858; Boulenger, 1886; Boulenger, 1896; Peters & Orejas-Miranda, 1970; Thomas, 1976; Thomas *et al.*, 1977; Cei, 1993; Fugler *et al.*, 1995a; Leynaud & Bucher, 1999; Carreira *et al.*, 2005; Scrocchi *et al.*, 2006; Celsi *et al.*, 2008; Motte *et al.*, 2009; Mendoza, 2010; Giraudo *et al.*, 2012b; Grazziotin *et al.*, 2012; Montaña, 2013; Wallach *et al.*, 2014; Carreira & Maneyro, 2015; Entiauspe-Neto *et al.*, 2016; Cacciali, 2016; Menezes *et al.*, 2018; Cacciali *et al.*, 2019i; Quintela *et al.*, 2019; Arredondo *et al.*, 2020; Gómez-Murillo & Arellano-Martín, 2020; Melo-Sampaio *et al.*, 2021a; Uetz *et al.*, 2025.

***Philodryas baroni* Berg, 1895**

Fig. 140 - **Map.** 210

Type: MACN (Syntypes).

Type locality: Tucumán and Riacho de Oro (Chaco).

Distribution: Argentina, Bolivia and Paraguay.

Remarks: Recorded in the departments of Santa Cruz. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Berg, 1895; Peters & Orejas-Miranda, 1970; Freiberg, 1982; Cei, 1993; Leynaud & Bucher, 1999; Arzamendia, 1999; Scrocchi *et al.*, 2006; Wallach *et al.*, 2004; Grazziotin *et al.*, 2012; Montaña, 2013; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Cacciali *et al.*, 2017b; Arredondo *et al.*, 2020; Melo-Sampaio *et al.*, 2021a; Uetz *et al.*, 2025.

***Philodryas boliviana* Boulenger, 1896**

Fig. 141 - **Map.** 211

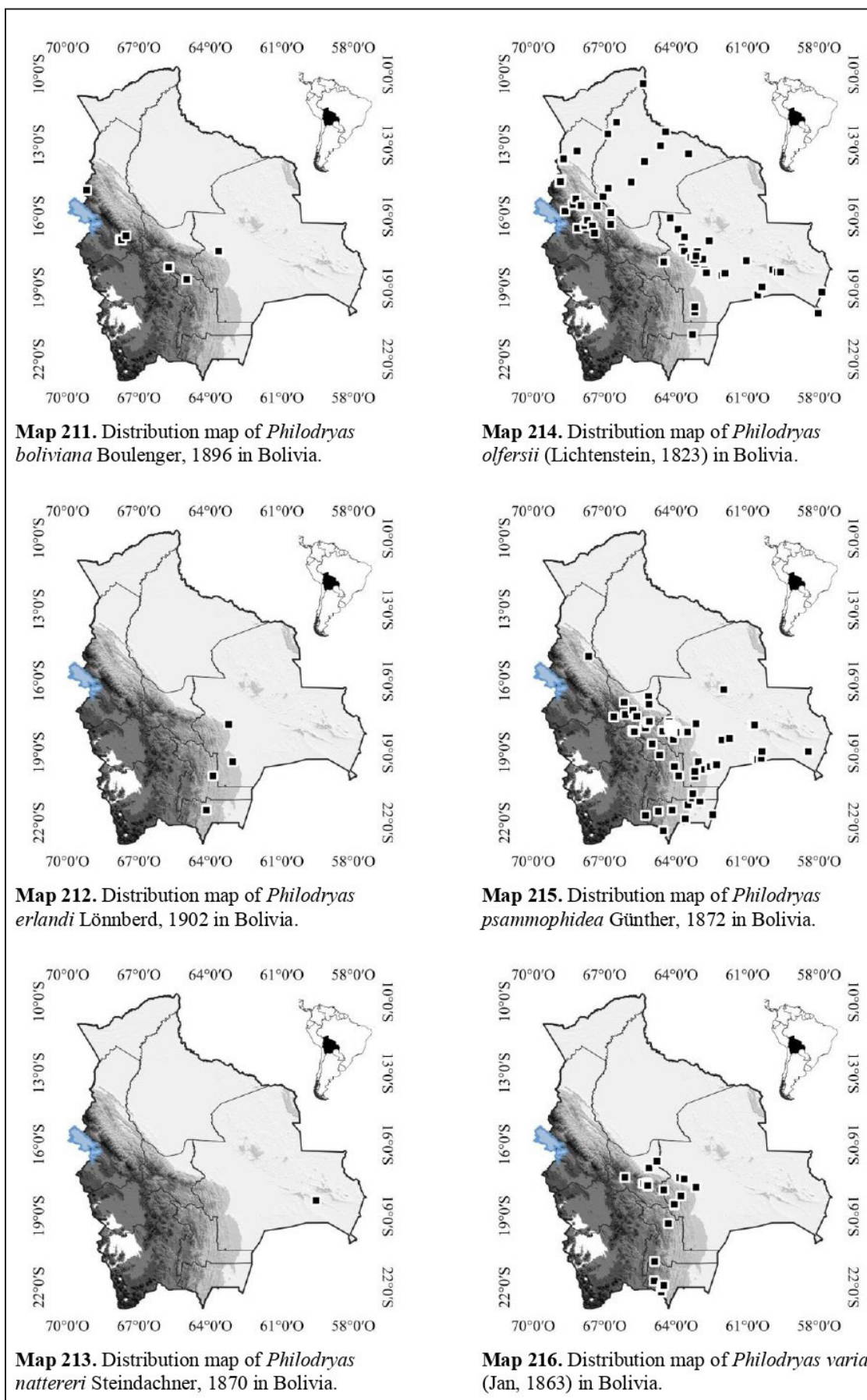
Type: BMNH 1946.1.2.86 (Lectotype).

Type locality: Charobamba, Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in the departments of La Paz, Chuquisaca, Cochabamba, Potosí and Santa Cruz. Categorized as VU (MMAYA, 2009) and DD (IUCN, 2022).

Selected references: Boulenger, 1896; Thomas, 1976; Fugler *et al.*, 1995a; Aparicio, 1999; Muñoz & Rivas, 2009a; Mendoza, 2010; Wallach *et al.*, 2014; Aparicio *et al.*, 2015; Martínez, 2017; Rivas *et al.*, 2018; Arredondo *et al.*, 2020; Melo-Sampaio *et al.*, 2021a; Muñoz, 2021; Uetz *et al.*, 2025.



***Philodryas erlandi* Lönnberd, 1902**

Map. 212

Type: NRM 5097 and BMNH 1946.1.8.43 (Syntypes).

Type locality: Tarija, Bolivia.

Distribution: Argentina, Bolivia and Paraguay.

Remarks: Recorded in the departments of Chuquisaca, Santa Cruz and Tarija. Categorized as NE (MMAYA, 2009).

Selected references: Lönnberg, 1902; Peters & Orejas-Miranda, 1970; Thomas, 1976; Fugler *et al.*, 1995a; Montaña, 2013; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Kwet, 2017; Arredondo *et al.*, 2020; Melo-Sampaio *et al.*, 2021a; Uetz *et al.*, 2025.

***Philodryas nattereri* Steindachner, 1870**

Fig. 142 - **Map.** 213

Type: NMW 23400 (Holotype).

Type locality: Matto Grosso, Brazil.

Distribution: Bolivia, Brazil and Paraguay.

Remarks: Recorded in the department of Santa Cruz. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Steindachner, 1870; Boulenger, 1896; Peters & Orejas-Miranda, 1970; Franca *et al.*, 2008; Grazziotin *et al.*, 2012; Wallach *et al.*, 2014; Cacciali *et al.*, 2016f; Nogueira, 2019b; Navarro-Cornejo & Gonzales, 2020; Arredondo *et al.*, 2020; Melo-Sampaio *et al.*, 2021a; Uetz *et al.*, 2025.

***Philodryas olfersii* (Lichtenstein, 1823)**

Fig. 143 - **Map.** 214

Type: Lost (Holotype).

Type locality: Brazil.

Distribution: Argentina, Bolivia, Brazil, Colombia, French Guiana, Guyana, Paraguay, Peru, Suriname, Uruguay and Venezuela.

Remarks: Recorded in the departments of Beni, Chuquisaca, Cochabamba, La Paz and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Lichtenstein, 1823; Reinhardt, 1862; Boulenger, 1886; Boettger, 1891; Thomas, 1976; Gasc & Rodrigues, 1980; Fugler *et al.*, 1995a; Kornacker, 1999; Leynaud & Bucher, 1999; Ziegler *et al.*, 2002b; Padial *et al.*, 2003; Cortez, 2005; Kaccoliris *et al.*, 2006; Arredondo, 2011; Bernarde, 2012; Grazziotin *et al.*, 2012; Carreira & Estrades, 2013; Cole *et al.*, 2013; Montaña, 2013; Wallach *et al.*, 2014; Zaracho *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Ramalho *et al.*, 2018; Castro *et al.*, 2019; Freitas *et al.*, 2019; Nogueira *et al.*, 2019i; Arredondo *et al.*, 2020; Melo-Sampaio *et al.*, 2021a; Uetz *et al.*, 2025.

al., 2019; Nogueira *et al.*, 2019i; Arredondo *et al.*, 2020; Melo-Sampaio *et al.*, 2021a; Uetz *et al.*, 2025.

***Philodryas psammophidea* Günther, 1872**

Map. 215

Type: BMNH 1946.1.2.79 (Holotype).

Type locality: Tucumán, Argentina.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Chuquisaca, Cochabamba, Potosí, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Günther, 1872; Boulenger, 1896; Gans, 1970; Peters & Orejas-Miranda, 1970; Thomas, 1976; Freiberg, 1982; Fugler *et al.*, 1995a; Leynaud & Bucher, 1999; França & Araújo, 2006; Gonzales *et al.*, 2006; Kaccoliris *et al.*, 2006; Scrocchi *et al.*, 2006; Mendoza, 2010; Quinteros-Muñoz *et al.*, 2010; Grazziotin *et al.*, 2012; Montaña, 2013; Wallach *et al.*, 2014; Minoli *et al.*, 2015; Cacciali *et al.*, 2016a; Ramalho *et al.*, 2018; Rivas *et al.*, 2018; Arzamendia *et al.*, 2019g; Nogueira *et al.*, 2019a; Arredondo *et al.*, 2020; Melo-Sampaio *et al.*, 2021a; Uetz *et al.*, 2025.

***Philodryas varia* (Jan, 1863)**

Fig. 144 - **Map.** 216

Type: MNHN-RA 7502 (Holotype).

Type locality: Veracruz, Bolivia.

Distribution: Argentina and Bolivia.

Remarks: Recorded in the departments of Cochabamba, Chuquisaca, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Thomas *et al.*, 1977; Thomas & Johnson, 1984; Cei, 1993; Fugler *et al.*, 1995a; Giraudo & Scrocchi, 2002; Zaher *et al.*, 2008b; Mendoza, 2010; Grazziotin *et al.*, 2012; Montaña, 2013; Wallach *et al.*, 2014; Arzamendia *et al.*, 2016; Arredondo *et al.*, 2020; Melo-Sampaio *et al.*, 2021a; Uetz *et al.*, 2025.

Genus *Pseudablades* Boulenger, 1896

***Pseudablades patagoniensis* (Girard, 1858)**

Map. 217

Type: USNM 5536 and ANSP 3806 (Syntypes).

Type locality: Mouth of the Negro River, Patagonia, Argentina.

Distribution: Argentina, Bolivia, Brazil, Paraguay and Uruguay.



Figure 144. *Philodryas varia* from Hornos, department of Santa Cruz. Photo: Lucindo Gonzales.



Figure 148. *Clelia langeri* from Río Grande, department of Santa Cruz. Photo: Lucindo Gonzales.



Figure 145. *Xenoxybelis argenteus* from Manuripi, department of Pando. Photo: Lucindo Gonzales.



Figure 149. *Drepanoides anomalus* from Los Bufalos, department of Cochabamba. Photo: Raúl León.



Figure 146. *Xenoxybelis boulengeri* from Cuzco Amazónico, Madre de Dios / Peru. Photo: Ignacio De la Riva.



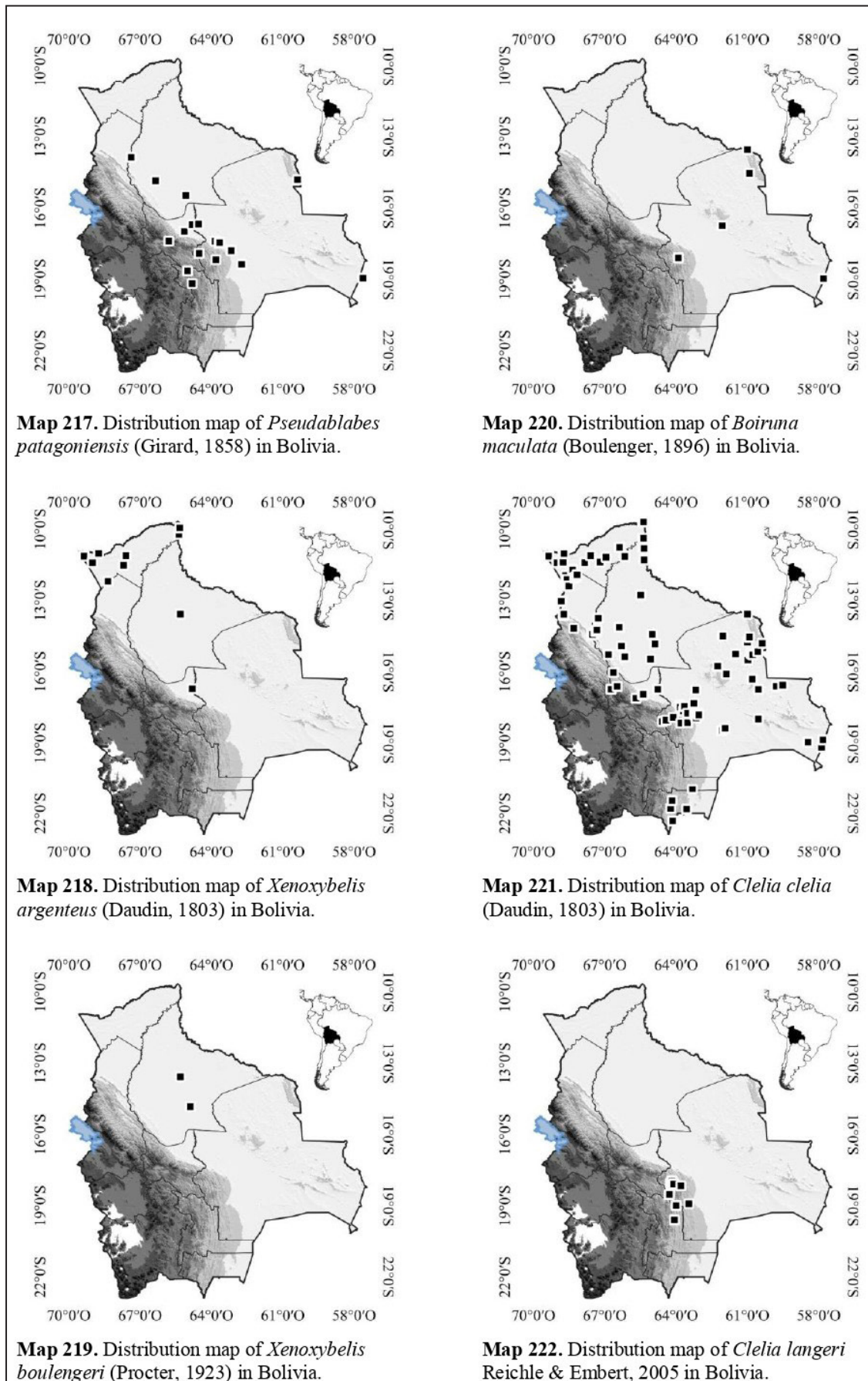
Figure 150. *Oxyrhopus emberti* from Florida Province, department of Santa Cruz. Photo: Steffen Reichle.



Figure 147. *Clelia clelia* from Sehuencas, department of Cochabamba. Photo: Oliver Quinteros-Muñoz.



Figure 151. *Oxyrhopus guibei* from El Prado, department of Santa Cruz. Photo: Lucindo Gonzales.



Remarks: Recorded in the departments of Beni, Chuquisaca, Cochabamba and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Girard, 1858; Peters & Orejas-Miranda, 1970; Laurent, 1973; Thomas, 1976; Thomas *et al.*, 1977; Cei, 1993; Fugler *et al.*, 1995a; Leynaud & Bucher, 1999; Scrocchi *et al.*, 2006; Carreira *et al.*, 2012; Grazziotin *et al.*, 2012; Wallach *et al.*, 2014; Cano *et al.*, 2015; Cacciali *et al.*, 2016a; Freitas *et al.*, 2016; Arzamendia *et al.*, 2019f; Brizio & Avila, 2019; Neves *et al.*, 2019; Nogueira *et al.*, 2019a; Oliveira *et al.*, 2020; Arredondo *et al.*, 2020; Melo-Sampaio *et al.*, 2021a; Uetz *et al.*, 2025.

Genus *Xenoxylis* Machado, 1993

***Xenoxylis argenteus* (Daudin, 1803)**

Fig. 145 - Map. 218

Type: BMNH 1946.1.9.86 (Type).

Type locality: Not known.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba and Pando. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Daudin, 1803; Duméril, 1853; Duméril & Bibron, 1854; Procter, 1923; Donoso-Barros, 1967; Peters & Orejas-Miranda, 1970; Gasc & Rodrigues, 1980; Nascimiento *et al.*, 1987; Hoogmoed & Ávila-Pires, 1991; Machado, 1993; Fugler *et al.*, 1995a; Starace, 1998; Kornacker, 1999; Vidal *et al.*, 2000; Lehr, 2002; Claessen, 2005; Moravec & Aparicio, 2005; Cisneros-Heredia & Touzet, 2007; Zaher *et al.*, 2009; Whithworth & Beirne, 2011; Bernarde *et al.*, 2012; Grazziotin *et al.*, 2012; Hamdan *et al.*, 2012; Rivas *et al.*, 2012; Starace, 2013; Catenazzi *et al.*, 2013; Wallach *et al.*, 2014; Santos-Costa *et al.*, 2015; Natera-Mumaw *et al.*, 2015; Caicedo *et al.*, 2019c; Torres-Carvajal, 2019; Arredondo *et al.*, 2020; Melo-Sampaio *et al.*, 2021a; Uetz *et al.*, 2025.

***Xenoxylis boulengeri* (Procter, 1923)**

Fig. 146 - Map. 219

Type: BMNH 1946.1.9.86 (Holotype).

Type locality: Trinidad, River Mamore, Bolivia.

Distribution: Bolivia, Brazil and Peru.

Remarks: Recorded in the department of Beni. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Procter, 1923; Keiser, 1989; Fugler *et al.*, 1995b; Prudente *et al.*, 2008; Grazziotin *et al.*, 2012; Wallach *et al.*, 2014; Nogueira *et al.*, 2016a; Nogueira *et al.*, 2019a; Arredondo *et al.*, 2020; Melo-Sampaio *et al.*, 2021a; Uetz *et al.*, 2025.

Tribe Pseudoboini Bailey, 1967

Genus *Boiruna* Zaher, 1996

***Boiruna maculata* (Boulenger, 1896)**

Map. 220

Type: BMNH 1946.1.9.33 (Holotype).

Type locality: Uruguay.

Distribution: Argentina, Bolivia, Brazil, Paraguay and Uruguay.

Remarks: Recorded in the departments of Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Boulenger, 1896; Zaher, 1996; Leynaud & Bucher, 1999; Dos Santos-Costa *et al.*, 2000; Campos, 2001; Pizzatto, 2005; Scott *et al.*, 2006; Wallach *et al.*, 2014; Quinteros-Muñoz, 2015; Cacciali *et al.*, 2016a; Arzamendia *et al.*, 2019h; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

Genus *Clelia* Fitzinger, 1826

***Clelia clelia* (Daudin, 1803)**

Fig. 147 - Map. 221

Type: Lost (Holotype).

Type locality: Suriname.

Distribution: Argentina, Belize, Bolivia, Brazil, Colombia, Costa Rica, Ecuador, El Salvador, French Guiana, Guatemala, Guyana, Honduras, Nicaragua, Panama, Paraguay, Peru, Suriname, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, Chuquisaca, La Paz, Pando, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Daudin, 1803; Griffin, 1916; Fugler, 1983; Fugler, 1984; Schwartz & Henderson, 1991; Cei, 1993; Fugler *et al.*, 1995a; Murphy, 1997; Savage, 2002; Padial *et al.*, 2003; Cortez, 2005; Moravec & Aparicio, 2005; Scott *et al.*, 2006; Montaña, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Gutiérrez-Cárdenas *et al.*, 2019; Nogueira *et al.*, 2019a; Aguilar-Kirigin, 2020; Eversole *et al.*, 2021; Quinteros-Muñoz & Aguayo, 2021; Uetz *et al.*, 2025.

***Clelia langeri* Reichle & Embert, 2005**

Fig. 148 - Map. 222

Type: MNK R 867 (Holotype).

Type locality: Area of Villa Merced, Province Florida, Department of Santa Cruz, Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in the departments of Cochabamba, Chuquisaca and Santa Cruz. Categorized as VU (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Reichle & Embert, 2005; Embert, 2009d; Mendoza, 2010; Montaña, 2013; Wallach *et al.*, 2014; Aguayo *et al.*, 2016j; Uetz *et al.*, 2025.

Genus *Drepanoides* Dunn, 1928

***Drepanoides anomalus* (Jan, 1863)**

Fig. 149 - Map. 223

Type: MHNN (Holotype).

Type locality: Peru.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana and Peru.

Remarks: Recorded in the departments of Beni, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Boettger, 1891; Peracca, 1896; Duellman, 1978; Fugler, 1983; Fugler *et al.*, 1995a; Mattison, 1995; Lehr, 2002; Vacher *et al.*, 2002; Cortez, 2005; Montaña, 2013; Wallach *et al.*, 2014; Bolívar *et al.*, 2019; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

Genus *Mussurana* Zaher, Graziotin, Cadle, Murphy, de Moura-Leite & Bonatto, 2009

***Mussurana bicolor* (Peracca, 1904)**

Map. 224

Type: MHNG 677.47 (Holotype).

Type locality: Santa Fé, province of Buenos Aires, Argentina.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Beni and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Peracca, 1904; Peters & Orejas-Miranda, 1970; Leynaud & Bucher, 1999; Scrocchi *et al.*, 2006; Wallach *et al.*, 2014; Cano *et al.*, 2015; Nogueira *et al.*, 2019a; Nogueira *et al.*, 2019b; Rivas *et al.*, 2023; Uetz *et al.*, 2025.

Genus *Oxyrhopus* Wagler, 1830

***Oxyrhopus emberti* Gonzales, Reichle & Entiausp-Neto, 2020**

Fig. 150 - Map. 225

Type: MNK R 2551 (Holotype).

Type locality: Santa Rosa de Lima, Provincia Florida, Departamento Santa Cruz, Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in the departments of Cochabamba, Chuquisaca, La Paz and Santa Cruz. Categorized as NE (MMAYA, 2009).

Selected references: Gonzales *et al.*, 2020.

***Oxyrhopus guibei* Hoge & Romano, 1977**

Fig. 151 - Map. 226

Type: CNAR 27382 (Holotype).

Type locality: Londrina, Paraná State, Brazil.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Beni, Cochabamba, and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Donoso-Barros, 1967; Hoge & Romano, 1977; Zaher & Caramaschi, 1992; Ceí, 1993; Fugler *et al.*, 1995a; Giraudo & Scrocchi, 2002; Mendoza, 2010; Montaña, 2013; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Scrocchi *et al.*, 2017; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

***Oxyrhopus melanogenys* (Tschudi, 1845)**

Fig. 152 - Map. 227

Type: MHNN (Lectotype).

Type locality: Peru.

Distribution: Bolivia, Brazil, Ecuador, Guyana and Peru.

Remarks: Recorded in the departments of Beni, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Tschudi, 1845; Boulenger, 1896; Peters & Orejas-Miranda, 1970; Fugler, 1983; Fugler, 1984; Do Nascimento *et al.*, 1987; Fugler *et al.*, 1995a; Lehr, 2002; Lynch, 2009; Wallach *et al.*, 2014; Nogueira *et al.*, 2019j; Uetz *et al.*, 2025.

***Oxyrhopus petolarius* (Linnaeus, 1758)**

Fig. 153 - Map. 228

Type: UUZM (Holotype).

Type locality: "Africa" in error.

Distribution: Argentina, Belize, Bolivia, Brazil, Colombia, Costa Rica, Ecuador, French Guiana, Guatemala, Guyana, Honduras, Mexico, Nicaragua, Panama, Paraguay, Peru, Suriname, Trinidad and Tobago, and Venezuela.

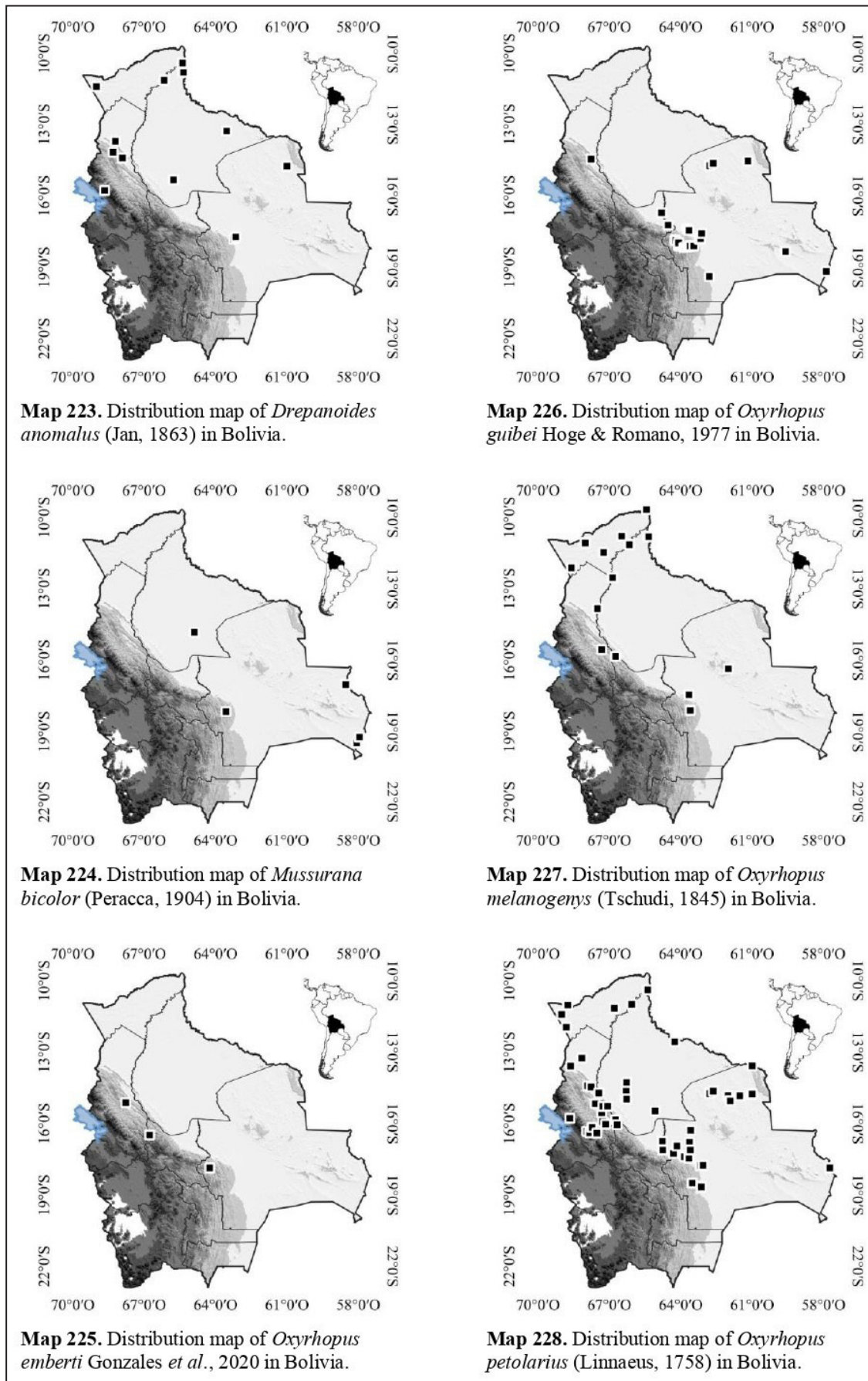




Figure 152. *Oxyrhopus melanogenys* from Chalalan, department of La Paz. Photo: Steffen Reichle.



Figure 156. *Pseudoboa coronata* from Alto Madidi, department of La Paz. Photo: Mauricio Ocampo.



Figure 153. *Oxyrhopus petolarius* from Sehuencas, department of Cochabamba. Photo: Oliver Quinteros-Muñoz.



Figure 157. *Siphlophis compressus* from Villa Tunari, department of Cochabamba. Photo: Pedro Gómez-Murillo.



Figure 154. *Oxyrhopus rhombifer* from Samaipata, department of Santa Cruz. Photo: Ignacio De la Riva.



Figure 158. *Psomophis genimaculatus* from Palmar de las Islas, department of Santa Cruz. Photo: Lucindo Gonzales.



Figure 155. *Phimophis vittatus* from TCO Parapetiguasu, department of Santa Cruz. Photo: Luis Rolando Rivas.



Figure 159. *Galvarinus attenuatus* from Sehuencas, department of Cochabamba. Photo: Oliver Quinteros-Muñoz.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Duméril & Bibron, 1854; Boettger, 1891; Griffin, 1916; Bailey, 1970a; Smith *et al.*, 1986; Ceí, 1993; Fugler *et al.*, 1995a; Giraudo, 2002; Savage, 2002; Savage, 2011; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Cacciali *et al.*, 2016a; Chaves *et al.*, 2019; Nogueira *et al.*, 2019a; Eversole *et al.*, 2021; Quinteros-Muñoz, O. & Aguayo, 2021a; Uetz *et al.*, 2025.

***Oxyrhopus rhombifer* Duméril, Bibron & Duméril, 1854**

Fig. 154 - Map. 229

Type: MNHN-RA 1706 (Holotype).

Type locality: Province of Corrientes, Argentina.

Distribution: Argentina, Bolivia, Brazil, Paraguay and Uruguay

Remarks: Recorded in the departments of Cochabamba, Chuquisaca, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Duméril *et al.*, 1854; Griffin, 1916; Gans, 1960; Bailey, 1970a; Fugler *et al.*, 1995a; Leynaud & Bucher, 1999; Mendoza, 2010; Gaiarsa *et al.*, 2013; Montaña, 2013; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Arzamendia *et al.*, 2019i; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

Genus *Phimophis* Cope, 1860

***Phimophis vittatus* (Boulenger, 1896)**

Fig. 155

Type: BMNH 1946.1.9.29 (Holotype).

Type locality: Buenos Aires, Argentina.

Distribution: Argentina, Bolivia and Paraguay.

Remarks: Recorded in the departments of Chuquisaca, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Boulenger, 1896; Bailey, 1970b; Ceí, 1993; Fugler *et al.*, 1995a; Leynaud & Bucher, 1999; Giraudo & Scrocchi, 2002; Montaña, 2013; Wallach *et al.*, 2014; Arzamendia *et al.*, 2016f; Cacciali *et al.*, 2016a; Uetz *et al.*, 2025.

Genus *Pseudoboa* Schneider, 1801

***Pseudoboa coronata* Schneider, 1801**

Fig. 156 - Map. 230

Type: Lost (Holotype).

Type locality: "America".

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Schneider, 1801; Wied-Neuwied, 1824; Griffin, 1916; Beebe, 1946; Duellman, 1978; Gasc & Rodrigues, 1980; Fugler, 1983; Fugler, 1984; Fugler *et al.*, 1995a; Martins & Oliveira, 1998; Starace, 1998; Gorzula & Señaris, 1999; Rivas & La Marca, 2001; Zaher *et al.*, 2008a; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Caicedo *et al.*, 2019f; Nogueira *et al.*, 2019a; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

***Pseudoboa nigra* (Duméril, Bibron & Duméril, 1854)**

Map. 231

Type: MNHN-RA 3781 (Holotype).

Type locality: "Bahia" Brazil.

Distribution: Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Duméril *et al.*, 1854; Bailey, 1962; Bailey, 1970c; Peters & Orejas-Miranda, 1970; Ceí, 1993; Fugler *et al.*, 1995a; Zaher *et al.*, 2008a; Montaña, 2013; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Nogueira, 2019a; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

Genus *Siphlophis* Fitzinger, 1843

***Siphlophis cervinus* (Laurenti, 1768)**

Map. 232

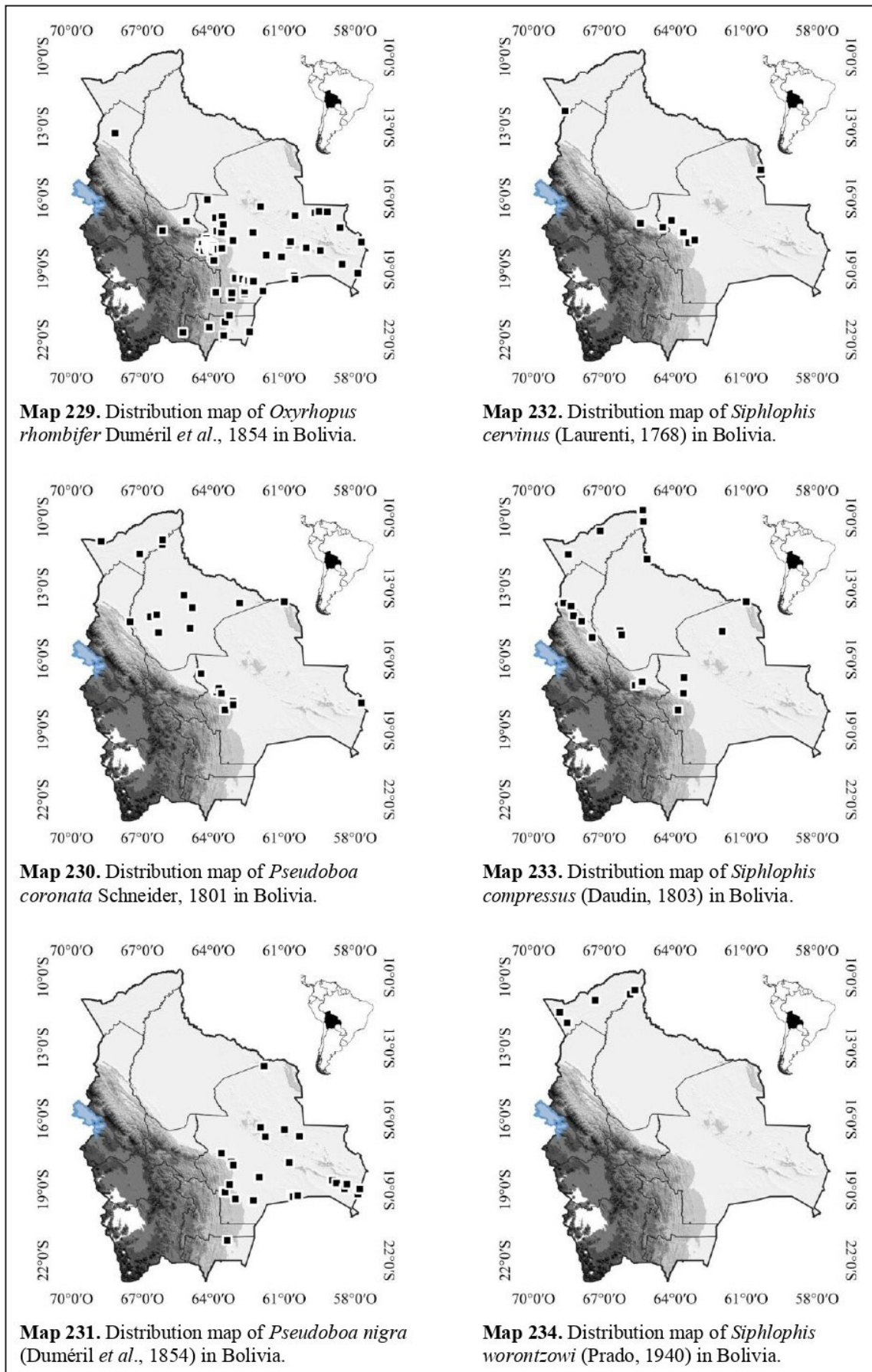
Type: Iconotype, based on specimen described and illustrated by Seba, 1735: 84, pl. 79, fig. 3 (Holotype).

Type locality: "America".

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Panama, Peru, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of Cochabamba, Pando and Santa Cruz. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Seba, 1735; Laurenti, 1768; Griffin, 1916; Peters & Orejas-Miranda, 1970; Gasc & Rodrigues, 1980; Fugler *et al.*, 1995a; Kornacker, 1999; Zaher & Prudente, 1999; Boos, 2001; Montaña, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Ibáñez *et al.*, 2019c; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.



***Siphlophis compressus* (Daudin, 1803)**

Fig. 157 - Map. 233

Type: MNHN-RA 3730 (Holotype).

Type locality: Suriname.

Distribution: Bolivia, Brazil, Colombia, Costa Rica, Ecuador, French Guiana, Panama, Peru, Suriname, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Daudin, 1803; Beebe, 1946; Peters & Orejas-Miranda, 1970; Duellman, 1978; Gasc & Rodrigues, 1980; Fugler *et al.*, 1995a; Zaher & Prudente, 1999; Zaher & Prudente, 2003; Cortez, 2005; Köhler, 2013; Montaña, 2013; Sheehy *et al.*, 2014; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Embert *et al.*, 2019b; Nogueira *et al.*, 2019a; Gómez-Murillo & Arellano-Martín, 2020; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

***Siphlophis worontzowi* (Prado, 1940)**

Map. 234

Type: IBSP 10062 (Holotype).

Type locality: Rio Amaña, Estado do Amazonas, Brazil.

Distribution: Bolivia, Brazil and Peru.

Remarks: Recorded in the department of Pando. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Prado, 1940; Peters & Orejas-Miranda, 1970; Zaher & Prudente, 1999; Moravec *et al.*, 2009; Costa *et al.*, 2010; Wallach *et al.*, 2014; Gonzales *et al.*, 2019; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

Tribe Psomophiini Zaher, Grazziotin, Cadle, Murphy, Moura-Leite & Bonatto, 2009

Genus *Psomophis* Myers & Cadle, 1994

***Psomophis genimaculatus* (Boettger, 1885)**

Fig. 158 - Map. 235

Type: BMNH 1946.1.5.83 (Lectotype).

Type locality: Paraguay.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Beni and Santa Cruz. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Werner, 1913; Amaral, 1936; Myers & Cadle, 1994; Leynaud & Bucher, 1999; Giraudo & Scrocchi, 2002; Myers & Cadle, 2003;

Giraudo *et al.*, 2012b; Montaña, 2013; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Arzamendia *et al.*, 2019j; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

Tribe Tachymenini Bailey, 1967

Genus *Galvarinus* Trevine *et al.*, 2022

***Galvarinus attenuatus* (Walker, 1945)**

Fig. 159 - Map. 236

Type: FMNH 40071 (Holotype).

Type locality: Dep. Madre de Dios, Peru.

Distribution: Bolivia and Peru.

Remarks: Recorded in the department of Cochabamba. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Walker, 1945; Fugler *et al.*, 1995a; Wallach *et al.*, 2014; Aguayo *et al.*, 2017c; Quinteros-Muñoz & Aguayo 2022; Trevine *et al.*, 2022; Uetz *et al.*, 2025.

Genus *Tachymenis* Wiegmann, 1835

***Tachymenis peruviana* Wiegmann, 1834**

Fig. 160 - Map. 237

Type: ZMB (Holotype).

Type locality: Not known.

Distribution: Argentina, Bolivia, Chile and Peru.

Remarks: Recorded in the departments of Cochabamba, La Paz, Oruro, Potosí, Santa Cruz and Tarija. Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Cope, 1878; Rendahl, 1937; Hellmich, 1938; Walker, 1945; Ortiz, 1973; Cei, 1993; Fugler *et al.*, 1995a; Lehr, 2002; Padial *et al.*, 2003; Giraudo *et al.*, 2012a; Montaña, 2013; Wallach *et al.*, 2014; Aguayo *et al.*, 2015b; Trevine *et al.*, 2022; Uetz *et al.*, 2025.

Genus *Dryophylax* Wagler, 1830

***Dryophylax chaquensis* (Bergna & Alvarez, 1993)**

Map. 238

Type: UNNE 00339 (Holotype).

Type locality: Colonia Las Mercedes, San Fernando Department, Chaco, Argentina.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Cochabamba, Tarija and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Bergna & Alvarez, 1993; Leynaud & Bucher, 1999; Dorado-Rodrigues *et al.*, 2012; Wallach *et al.*, 2014; Arzamendia *et al.*, 2019k; Nogueira *et al.*, 2019a; Trevine *et al.*, 2022; Rivas *et al.*, 2024b; Uetz *et al.*, 2025.

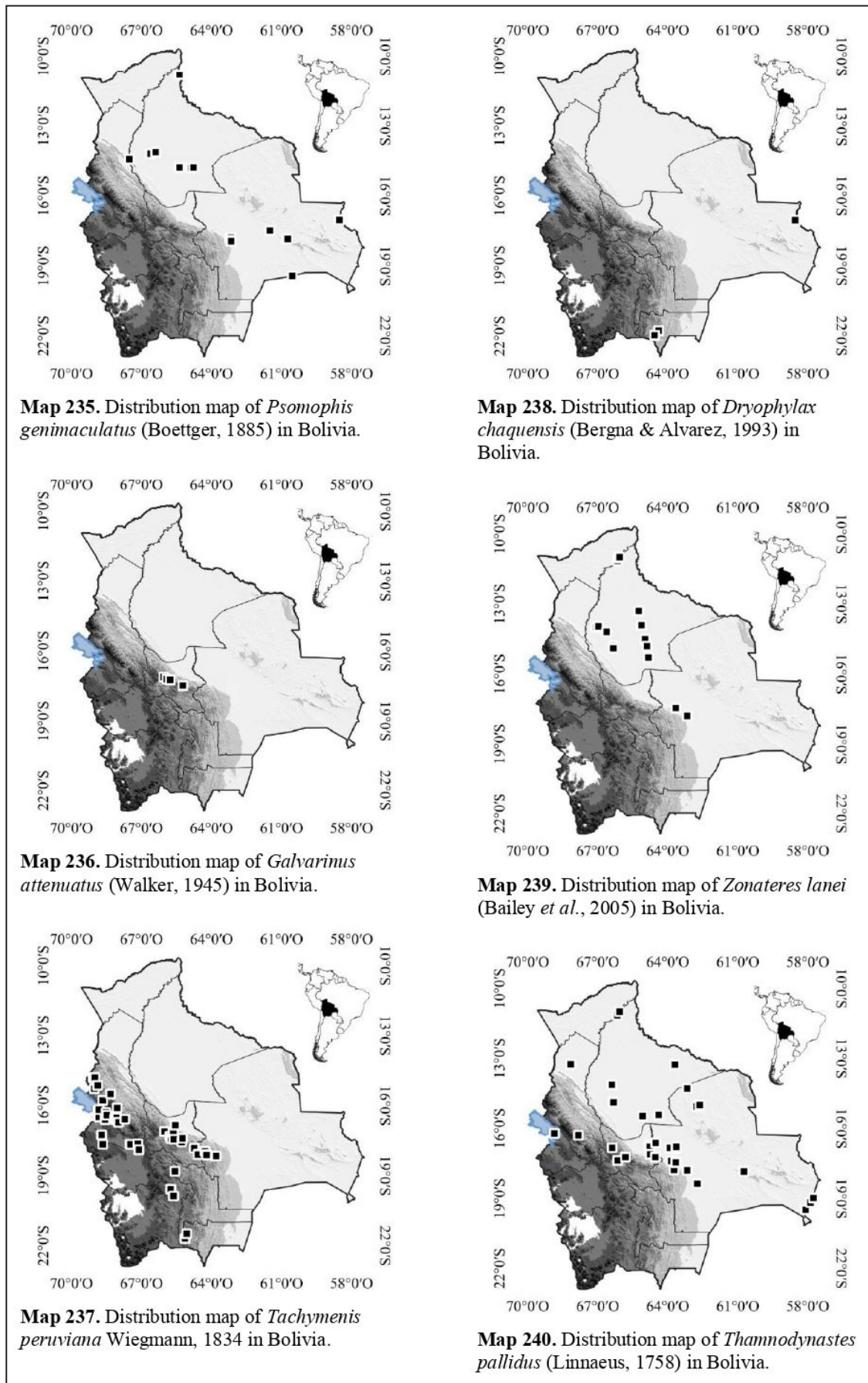




Figure 160. *Tachymenis peruviana* from Sama, department of Tarija. Photo: Octavio Jiménez-Robles.



Figure 161. *Thamnodynastes pallidus* from Valle de Sajta, department of Cochabamba. Photo: Ignacio De la Riva.



Figure 162. *Apographon orestes* from Tunari, department of Cochabamba. Photo: Mauricio Ocampo.



Figure 163. *Erythrolamprus aesculapii* from Ivirizu, department of Cochabamba. Photo: Raúl León.



Figure 164. *Erythrolamprus almadensis* from Santiago de Chiquitos, department of Santa Cruz. Photo: Steffen Reichle.



Figure 165. *Erythrolamprus andinus* from Incachaca, department of Cochabamba. Photo: Alejandro Ochoa.



Figure 166. *Erythrolamprus ceii* from Rosillas, department of Tarija. Photo: Luis Rolando Rivas.

***Dryophylax hypoconia* (Cope, 1860)**

Type: ANSP 3747 (Holotype).

Type locality: Buenos Aires, Argentina.

Distribution: Argentina, Bolivia, Brazil, Paraguay and Uruguay.

Remarks: Recorded in the department of Beni. Categorized as LC (IUCN, 2022).

Selected references: Arzamendia *et al.*, 2019o; Eversole *et al.*, 2025; Uetz *et al.*, 2025.

Genus *Zonateres* Trevine et al., 2022

***Zonateres lanei* (Bailey, Thomas & Da Silva, 2005)**
Map. 239

Type: UMMZ 109081 (Holotype).

Type locality: Salobra, Mato Grosso do Sul, Brazil.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Beni and Santa Cruz. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Bailey *et al.*, 2005; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Eversole *et al.*, 2016b; Nogueira *et al.*, 2019a; Aparicio *et al.*, 2021a; Eversole *et al.*, 2021; Trevine *et al.*, 2022; Uetz *et al.*, 2025.

Genus *Thamnodynastes* Wagler, 1830

***Thamnodynastes pallidus* (Linnaeus, 1758)**

Fig. 161 - Map. 240

Type: UUZM 292 (Neotype).

Type locality: “Indiis” in error.

Distribution: Bolivia, Brazil, Colombia, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Andersson, 1899; Gans, 1960; Donoso-Barros, 1967; Peters & Orejas-Miranda, 1970; Fugler, 1983; Fugler *et al.*, 1995a; Myers & Donnelly, 1996; Gorzula & Señaris, 1999; Bailey *et al.*, 2005; Montaña, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Pinto-Viveros *et al.*, 2017; Hladki *et al.*, 2019g; Nogueira *et al.*, 2019a; Eversole *et al.*, 2021; Trevine *et al.*, 2022; Uetz *et al.*, 2025.

Genus *Apograpton* Trevine et al., 2022

***Apograpton orestes* (Harvey & Muñoz, 2004)**

Fig. 162 - Map. 241

Type: CBF 2316 (Holotype).

Type locality: close to the Río Erquis, Reserva de

Sama, Méndez province, Tarija, Bolivia.

Distribution: Argentina and Bolivia.

Remarks: Recorded in the departments of Cochabamba, Chuquisaca, Santa Cruz and Tarija. Categorized as VU (MMAYA, 2009) and NT (IUCN, 2022).

Selected references: Harvey & Muñoz, 2004; Muñoz *et al.*, 2009a; Mendoza, 2010; Wallach *et al.*, 2014; Giraudo *et al.*, 2019; Trevine *et al.*, 2022; Uetz *et al.*, 2025.

Tribe Xenodontini Bonaparte, 1845

Genus *Baliodryas* Zaher & Prudente, 2019

***Baliodryas steinbachi* (Boulenger, 1905)**

Map. 242

Type: BMNH 1946.1.21.62 (Lectotype), BMNH 1946.1.21.63 (Paralectotype).

Type locality: Provincia Sara, Dep. Santa Cruz de la Sierra, Bolivia.

Distribution: Bolivia and Brazil.

Remarks: Recorded in the departments of La Paz and Santa Cruz. Categorized as DD (MMAYA, 2009) and DD (IUCN, 2022).

Selected references: Boulenger, 1905; Grazziotin *et al.*, 2012; Wallach *et al.*, 2014; Myers & McDowell, 2014; Aguayo *et al.*, 2016l; Zaher & Prudente, 2019; Uetz *et al.*, 2025.

Genus *Erythrolamprus* Boie, 1926

***Erythrolamprus aesculapii* (Linnaeus, 1758)**

Fig. 163 - Map. 243

Type: NRM (Holotype).

Type locality: “Indiis” in error.

Distribution: Bolivia, Brazil, Colombia, Ecuador, Paraguay, Peru, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

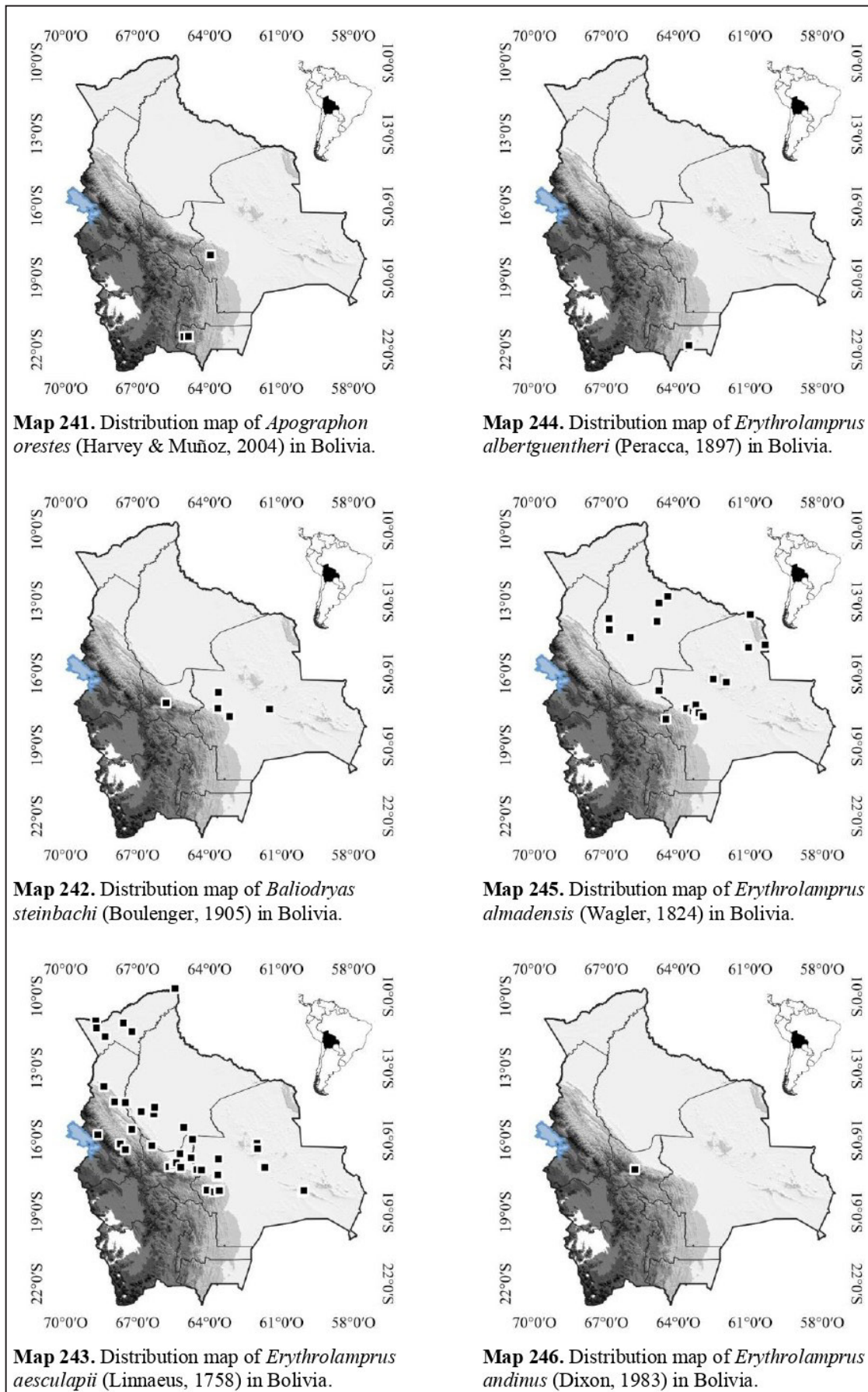
Selected references: Linnaeus, 1758; Linnaeus, 1766; Boettger, 1891; Beebe, 1946; Gans, 1960; Peters & Orejas-Miranda, 1970; Fugler, 1984; Fugler *et al.*, 1995a; Tipton, 2005; Grazziotin *et al.*, 2012; Montaña, 2013; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Hladki *et al.*, 2019f; Nogueira *et al.*, 2019a; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

***Erythrolamprus albertguentheri* (Peracca, 1897)**

Map. 244

Type: MRSN R1510.1-4 (Syntype).

Type locality: Caiza, Bolivia.



Distribution: Argentina, Bolivia and Paraguay.

Remarks: Recorded in the department of Tarija. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Cei, 1993; Fugler *et al.*, 1995a; Leynaud & Bucher, 1999; Scrocchi *et al.*, 2006; Grazziotin *et al.*, 2012; Wallach *et al.*, 2014; Arzamendia *et al.*, 2019l; Uetz *et al.*, 2025.

***Erythrolamprus almadensis* (Wagler, 1824)**

Fig. 164 - Map. 245

Type: ZSM 2688/0 (Lectotype).

Type locality: Almada, Bahia, Brazil.

Distribution: Bolivia, Brazil, Colombia, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Wagler, 1824; Boulenger, 1886; Donoso-Barros, 1967; Dixon, 1991; Cei, 1993; Fugler *et al.*, 1995a; Leynaud & Bucher, 1999; Giraudo & Scrocchi, 2002; Canavero *et al.*, 2010; Giraudo *et al.*, 2012b; Grazziotin *et al.*, 2012; Bernarde *et al.*, 2012; Montaña, 2013; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Nogueira & Gonzales, 2019; Nogueira *et al.*, 2019a; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

***Erythrolamprus andinus* (Dixon, 1983)**

Fig. 165 - Map. 246

Type: CM R2808 (Holotype).

Type locality: Incachaca, Cochabamba, Bolivia.

Distribution: Bolivia and Peru.

Remarks: Recorded in the department of Cochabamba. Categorized as EN (MMAYA, 2009) and DD (IUCN, 2022).

Selected references: Dixon, 1989; Fugler *et al.*, 1995a; Alonso *et al.*, 2001; Cortez, 2009f; Grazziotin *et al.*, 2012; Wallach *et al.*, 2014; Aguayo *et al.*, 2016n; Quinteros-Muñoz *et al.*, 2022b; Uetz *et al.*, 2025.

***Erythrolamprus ceii* (Dixon, 1991)**

Fig. 166 - Map. 247

Type: TCWC 53409 (Holotype).

Type locality: Near Tucumán, provincia de Tucumán, Argentina.

Distribution: Argentina and Bolivia.

Remarks: Recorded in the departments of Cochabamba, Chuquisaca, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Dixon, 1991; Fugler *et al.*, 1995a; Giraudo & Scrocchi, 2002; Scrocchi *et al.*, 2006; Mendoza, 2010; Giraudo *et al.*, 2012b;

Grazziotin *et al.*, 2012; Montaña, 2013; Wallach *et al.*, 2014; Arzamendia *et al.*, 2017; Uetz *et al.*, 2025.

***Erythrolamprus dorsocorallinus* (Esqueda, Natera, La Marca & Ilija-Fistar, 2007)**

Fig. 167 - Map. 248

Type: ULABG 6691 (Holotype).

Type locality: 40 km de la población de El Cantón, Municipio Andrés Eloy Blanco, Estado Barinas, Venezuela.

Distribution: Bolivia, Brazil, Colombia, Peru and Venezuela.

Remarks: Recorded in the departments of Beni, Chuquisaca, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Esqueda *et al.*, 2007; Bernarde *et al.*, 2011; Grazziotin *et al.*, 2012; Eversole *et al.*, 2016a; Souto *et al.*, 2017; Ascenso *et al.*, 2019; Nogueira *et al.*, 2019a; Schargel & Rivas, 2019; Gómez-Murillo & Arellano-Martín, 2020; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

***Erythrolamprus jaegeri* (Günther, 1858)**

Fig. 168 - Map. 249

Type: BMNH 1946.1.9.12 and BMNH 1946.1.5.78 (Syntypes).

Type locality: Brazil.

Distribution: Argentina, Bolivia, Brazil, Paraguay and Uruguay.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Günther, 1858; Boulenger, 1886; Leynaud & Bucher, 1999; Forlani *et al.*, 2010; Grazziotin *et al.*, 2012; Kwet, 2013; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Nogueira *et al.*, 2019a; Williams *et al.*, 2019b; Uetz *et al.*, 2025.

***Erythrolamprus macrosomus* (Amaral, 1936)**

Map. 250

Type: Lost (Holotype).

Type locality: Cana Brava, Minaçu, Goiás, Brazil.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the department of Cochabamba. Categorized as NE (MMAYA, 2009).

Selected references: Amaral, 1936; Peters & Orejas-Miranda, 1970; Leynaud & Bucher, 1999; Ascenso *et al.*, 2019; Quinteros-Muñoz *et al.*, 2022c; Uetz *et al.*, 2025.

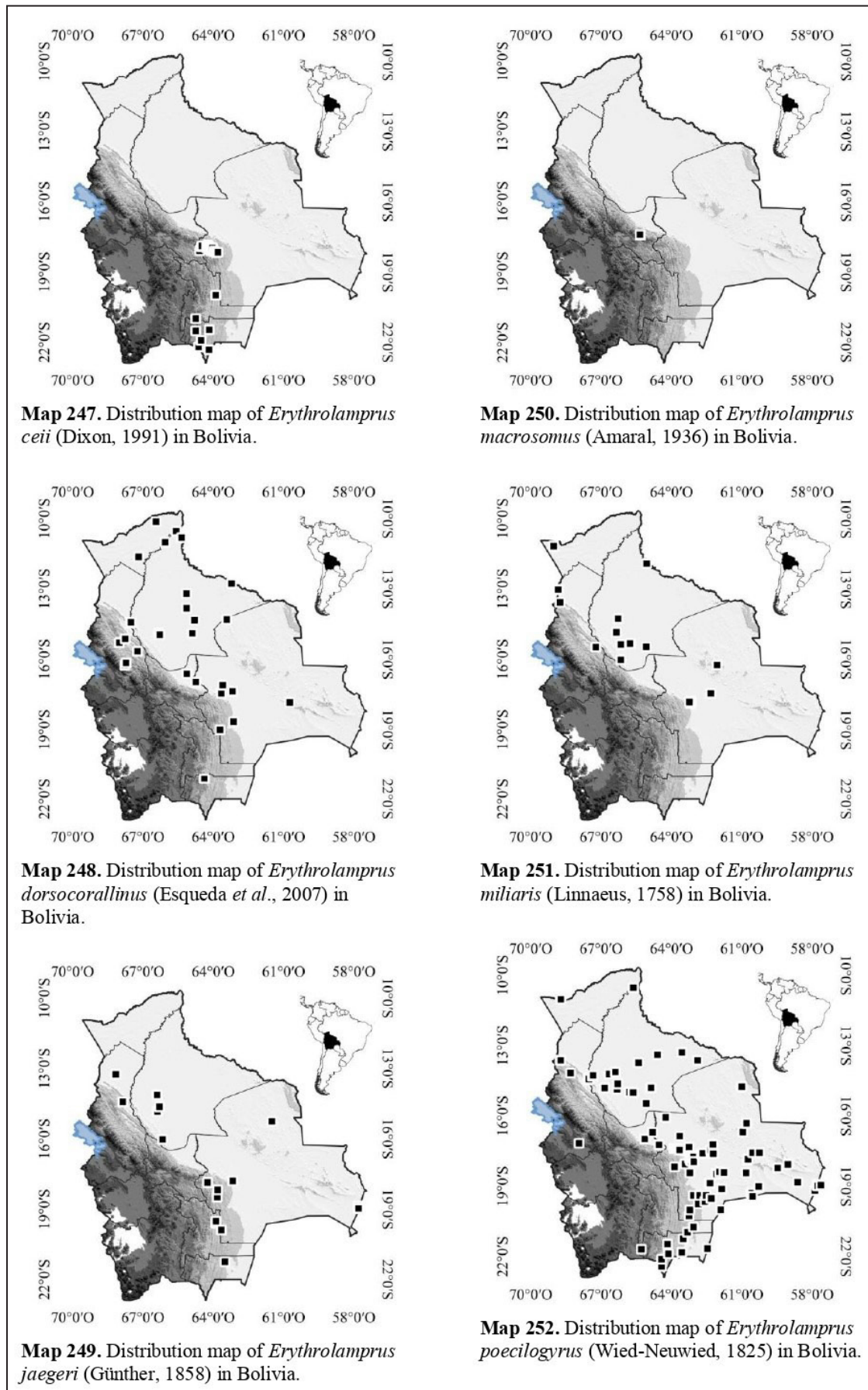




Figure 167. *Erythrolamprus dorsocorallinus* from Villa Tunari, department of Cochabamba. Photo: Pedro Gómez-Murillo.



Figure 171. *Erythrolamprus taeniurus* from Zongo, department of La Paz. Photo: Steffen Reichle.



Figure 168. *Erythrolamprus jaegeri* from Pelotas, Rio Grande do Sul / Brazil. Photo: Omar M. Entiauspe-Neto.



Figure 172. *Erythrolamprus typhlus* from Espíritu, department of Beni. Photo: Octavio Jiménez-Robles.



Figure 169. *Erythrolamprus poecilogyrus* from Kaa-Iya, department of Santa Cruz. Photo: Steffen Reichle.



Figure 173. *Lygophis meridionalis* from Reserva Barba Azul, department of Beni. Photo: Steffen Reichle.



Figure 170. *Erythrolamprus sagittifer* from Palmar de las Islas, Kaa Iya, department of Santa Cruz. Photo: Steffen Reichle.



Figure 174. *Xenodon merremii* from Sauce Rancho, Sipe Sipe, department of Cochabamba. Photo: Luis Rolando Rivas.

***Erythrolamprus miliaris* (Linnaeus, 1758)**

Map. 251

Type: MCZ 2820 (Holotype).

Type locality: “Indiis” in error.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Paraguay, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Gans, 1964c; Freiberg, 1982; Fugler *et al.*, 1995a; Starace, 1998; Forlani *et al.*, 2010; Grazziotin *et al.*, 2012; Bernarde *et al.*, 2012; Cole *et al.*, 2013; Montaña, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Cacciali *et al.*, 2016a; Nogueira *et al.*, 2019h; Uetz *et al.*, 2025.

***Erythrolamprus poecilogyrus* (Wied-Neuwied, 1825)**

Fig. 169 - **Map.** 252

Type: AMNH 3593-94, ZMH R04429, ZMH R04430 (Syntypes).

Type locality: Barra de Jucú, Rio Espirito Santo, Brazil.

Distribution: Argentina, Bolivia, Brazil, Guyana, Paraguay, Peru, Uruguay and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, Chuquisaca, La Paz, Pando, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Wied-Neuwied, 1825; Boulenger, 1886; Griffin, 1916; Procter, 1921; Peters & Orejas-Miranda, 1970; Scott & Lovett, 1975; Freiberg, 1982; Fugler, 1984; Dixon & Markezich, 1992; Fugler *et al.*, 1995a; Leynaud & Bucher, 1999; Cortez, 2005; Scrocchi *et al.*, 2006; Forlani *et al.*, 2010; Grazziotin *et al.*, 2012; Bernarde *et al.*, 2012; Cole *et al.*, 2013; Montaña, 2013; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Nogueira *et al.*, 2019a; Nogueira *et al.*, 2020; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

***Erythrolamprus reginae* (Linnaeus, 1758)**

Map. 253

Type: NRM 44 (Lectotype), NRM 45 (Paralectotype).

Type locality: Suriname.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, Chuquisaca, Cochabamba, La Paz, Pando and Santa

Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Beebe, 1946; Duellman, 1978; Gasc & Rodrigues, 1980; Bernarde *et al.*, 2012; Catenazzi *et al.*, 2013; Cole *et al.*, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Arzamendia *et al.*, 2019m; Ascenso *et al.*, 2019; Nogueira *et al.*, 2019a; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

***Erythrolamprus sagittifer* (Jan, 1863)**

Fig. 170 - **Map.** 254

Type: MLUH IV 102 (Holotype).

Type locality: Mendoza, Argentina.

Distribution: Argentina, Bolivia and Paraguay.

Remarks: Recorded in the departments of Cochabamba, Chuquisaca, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Dixon & Thomas, 1982; Freiberg, 1982; Strathemann, 1983; Peters & Orejas-Miranda, 1970; Fugler *et al.*, 1995a; Leynaud & Bucher, 1999; Scrocchi *et al.*, 2006; Grazziotin *et al.*, 2012; Montaña, 2013; Wallach *et al.*, 2014; Arzamendia *et al.*, 2016e; Cacciali *et al.*, 2016a; Uetz *et al.*, 2025.

***Erythrolamprus taeniogaster* (Jan, 1863)**

Map. 255

Type: ZSM, MHNN, MHNG (Syntypes).

Type locality: Brazil.

Distribution: Bolivia, Brazil, French Guiana and Peru.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Fugler, 1983; Fugler *et al.*, 1995a; Fernandes *et al.*, 2002; Frota & Dos Santos, 2003; França & Bezerra, 2010; Grazziotin *et al.*, 2012; Bernarde *et al.*, 2012; Montaña, 2013; Wallach *et al.*, 2014; Hladki *et al.*, 2019h; Uetz *et al.*, 2025.

***Erythrolamprus taeniurus* (Tschudi, 1845)**

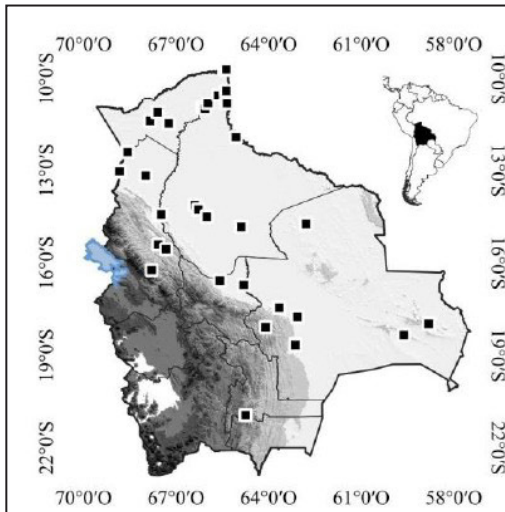
Fig. 171 - **Map.** 256

Type: MHNN (Holotype).

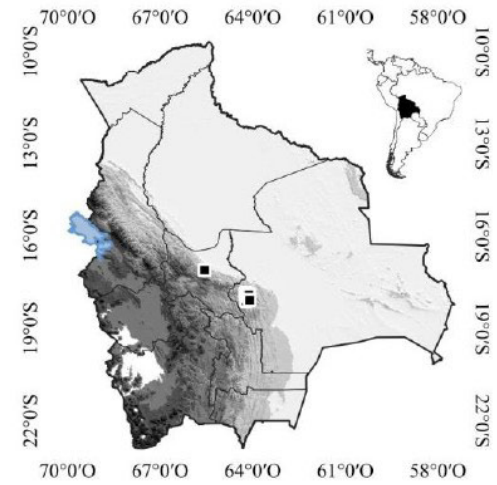
Type locality: “the hot forested region of Peru”.

Distribution: Bolivia and Peru.

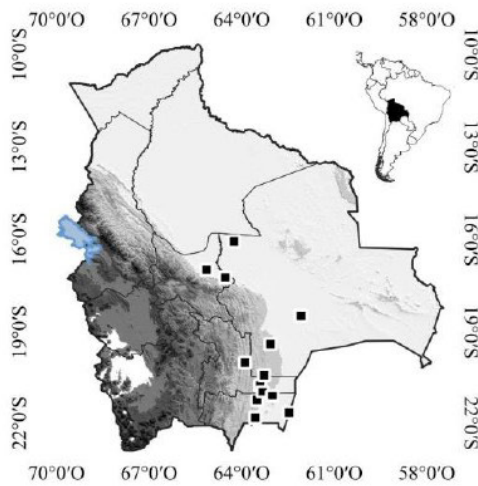
Remarks: Recorded in the departments of Cochabamba, La Paz and Santa Cruz. Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).



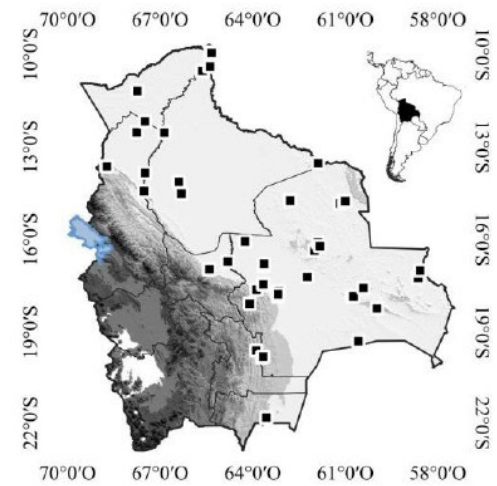
Map 253. Distribution map of *Erythrolamprus reginae* (Linnaeus, 1758) in Bolivia.



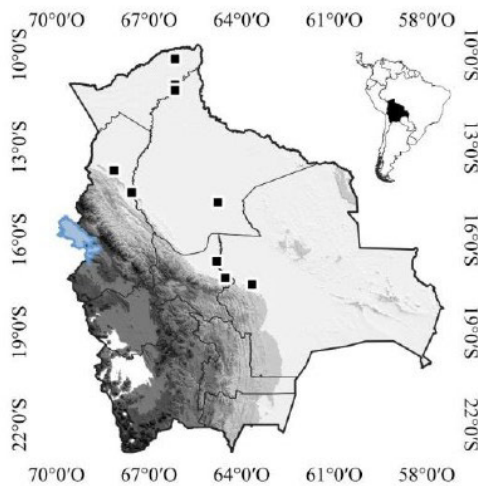
Map 256. Distribution map of *Erythrolamprus taeniurus* (Tschudi, 1845) in Bolivia.



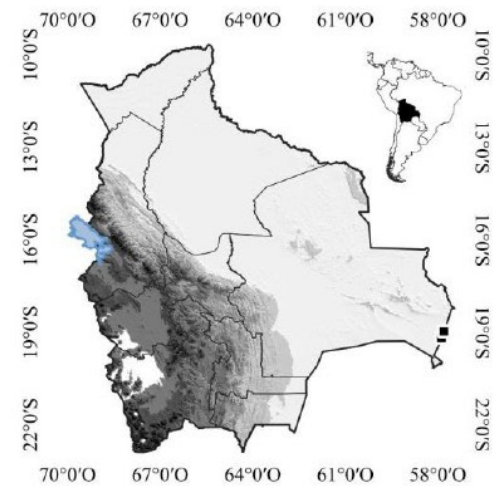
Map 254. Distribution map of *Erythrolamprus sagittifer* (Jan, 1863) in Bolivia.



Map 257. Distribution map of *Erythrolamprus typhlus* (Linnaeus, 1758) in Bolivia.



Map 255. Distribution map of *Erythrolamprus taeniogaster* (Jan, 1863) in Bolivia.



Map 258. Distribution map of *Lygophis dilepis* (Cope, 1862) in Bolivia.

Selected references: Tschudi, 1845; Dixon & Markezich, 1979; Reynolds & Foster, 1992; Fugler *et al.*, 1995a; Dixon, 2000; Jansen, 2009; Grazziotin *et al.*, 2012; Wallach *et al.*, 2014; Venegas *et al.*, 2016; Uetz *et al.*, 2025.

***Erythrolamprus typhlus* (Linnaeus, 1758)**

Fig. 172 - Map. 257

Type: NRM (Holotype).

Type locality: “Asia” in error.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guayana, Paraguay, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Boulenger, 1886; Griffin, 1916; Procter, 1921; Beebe, 1946; Donoso-Barros, 1967; Peters & Orejas-Miranda, 1970; Gasc & Rodrigues, 1980; Freiberg, 1982; Dixon, 1987; Dixon, 1989; Fugler *et al.*, 1995a; Starace, 1998; Leynaud & Bucher, 1999; Gorzula & Señaris, 1999; Fernández, 2008; Grazziotin *et al.*, 2012; Bernarde *et al.*, 2012; Cole *et al.*, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Cacciali *et al.*, 2016a; Caicedo *et al.*, 2019e; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

Genus *Lygophis* Fitzinger, 1843

***Lygophis dilepis* (Cope, 1862)**

Map. 258

Type: USNM 5861 (Holotype).

Type locality: Paraguay.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the department of Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Michaud & Dixon, 1987; Dixon, 1989; Fugler *et al.*, 1995a; Leynaud & Bucher, 1999; Rodrigues, 2003; Zaher *et al.*, 2009; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Williams *et al.*, 2019c; Uetz *et al.*, 2025.

***Lygophis flavifrenatus* Cope, 1862**

Type: USNM 5397 (Syntype).

Type locality: Paraguay.

Distribution: Argentina, Bolivia, Brazil, Paraguay and Uruguay.

Remarks: Recorded in the departments of Beni and

Santa Cruz. Categorized as LC (IUCN, 2022).

Selected references: Arzamendia *et al.*, 2019n; Ceron *et al.*, 2021; Uetz *et al.*, 2025.

***Lygophis meridionalis* (Schenkel, 1901)**

Fig. 173 - Map. 259

Type: NMBA 1454 (Lectotype).

Type locality: Sociedad Mount, Balmaque, Paraguay.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Beni and Santa Cruz. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Schenkel, 1901; Peters *et al.*, 1986; Michaud & Dixon, 1987; Dixon, 1989; Fugler *et al.*, 1995a; Leynaud & Bucher, 1999; Giraudo & Scrocchi, 2002; Zaher *et al.*, 2009; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Arzamendia & Avila, 2019; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

Genus *Xenodon* Boie, 1826

***Xenodon merremii* (Wagler, 1824)**

Fig. 174 - Map. 260

Type: Lost (Holotype).

Type locality: Salvador, state of Bahia, Brazil.

Distribution: Argentina, Bolivia, Brazil, Ecuador, French Guiana, Guyana, Paraguay, Uruguay and Venezuela.

Remarks: Recorded in the departments of Beni, Chuquisaca, Cochabamba, La Paz, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009).

Selected references: Wagler, 1824; Griffin, 1916; Peters & Orejas-Miranda, 1970; Romano & Hoge, 1972; Scott & Lovett, 1975; Gasc & Rodrigues, 1980; Freiberg, 1982; Hoogmoed, 1985; Cei, 1993; Fugler *et al.*, 1995a; Leynaud & Bucher, 1999; Bérnills *et al.*, 2001; Scrocchi *et al.*, 2006; Montaña, 2013; Wallach *et al.*, 2014; Costa & Bérnills, 2015; Natera-Mumaw *et al.*, 2015; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

***Xenodon pulcher* (Jan, 1863)**

Fig. 175 - Map. 261

Type: Lost (Holotype).

Type locality: Bolivia.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Chuquisaca, Cochabamba, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

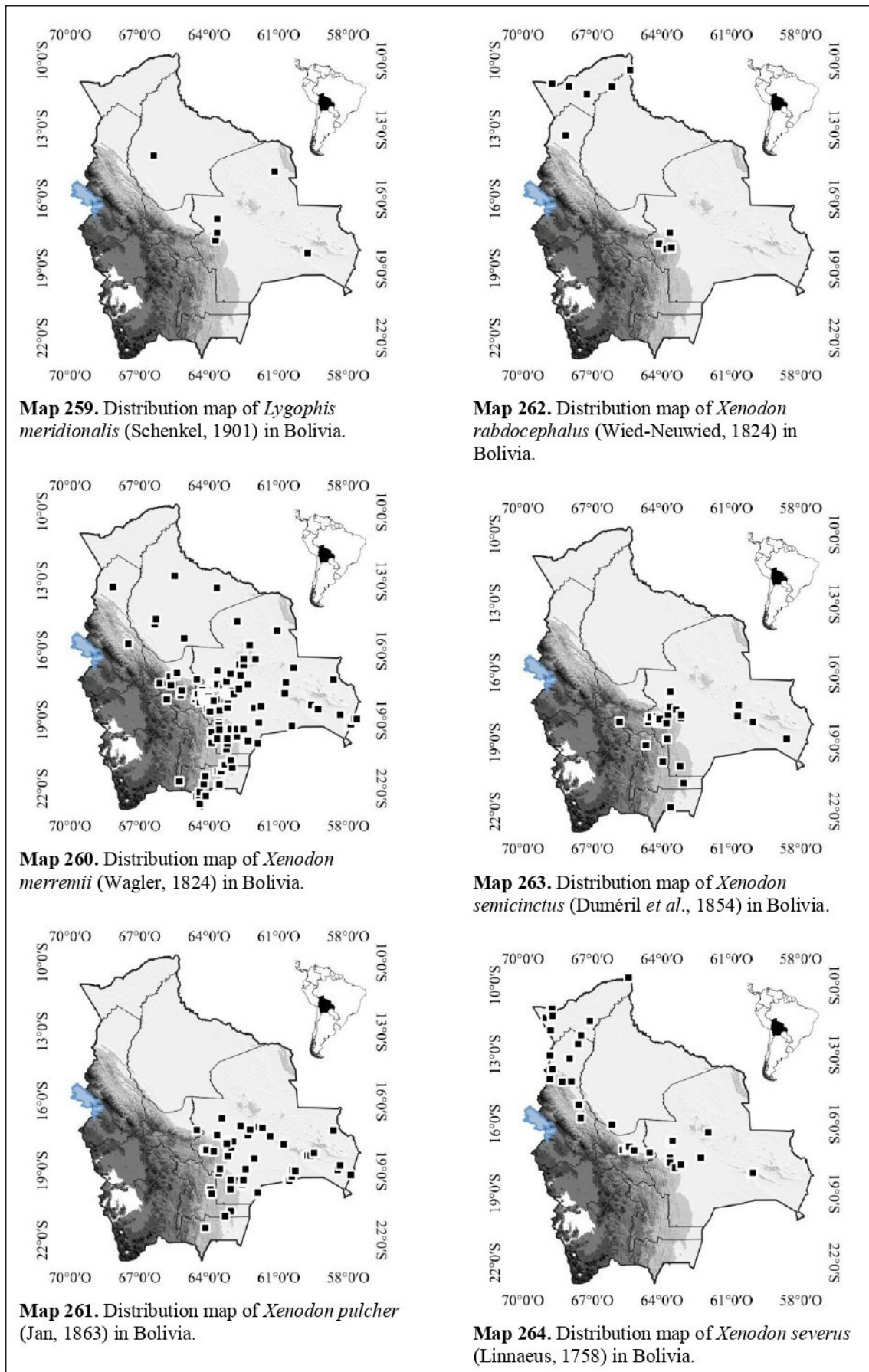




Figure 175. *Xenodon pulcher* from Lomas de Arena, department of Santa Cruz. Photo: Ignacio De la Riva.



Figure 176. *Xenodon semicinctus* from Pampa Grande, department of Santa Cruz. Photo: Lucindo Gonzales.



Figure 177. *Xenodon severus* from Villa Tunari, department of Cochabamba. Photo: Pedro Gómez-Murillo.



Figure 178. *Micrurus bolivianus* from Sehuencas, department of Cochabamba. Photo: Oliver Quinteros-Muñoz.



Figure 179. *Micrurus diana* from Santiago de Chiquitos, department of Santa Cruz. Photo: Steffen Reichle.



Figure 180. *Micrurus frontifasciatus* from Predios de la UMSS Valle del Sajta, department of Cochabamba. Photo: Raúl León.



Figure 181. *Micrurus narduccii* from Cusco region, Peru. Photo: Oscar Carrillo.



Figure 182. *Micrurus obscurus* from Amboro, department of Santa Cruz. Photo: Steffen Reichle.

Selected references: Scrocchi & Cruz, 1993; Leynaud & Bucher, 1999; Giraudo & Scrocchi, 2002; Scrocchi *et al.*, 2006; Zaher *et al.*, 2009; Giraudo *et al.*, 2012b; Montaña, 2013; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Scrocchi 2017; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

***Xenodon rabdocephalus* (Wied-Neuwied, 1824)**

Map. 262

Type: AMNH 3609 (Lectotype).

Type locality: “Sertão of Bahia,” Brazil.

Distribution: Belize, Bolivia, Brazil, Colombia, Costa Rica, Ecuador, French Guiana, Guatemala, Guyana, Honduras, Mexico, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Wied, 1824; Fitzinger, 1826; Boulenger, 1886; Peters & Orejas-Miranda, 1970; Fugler, 1983; Villa *et al.*, 1988; Fugler *et al.*, 1995a; Kornacker, 1999; Solórzano, 2004; Hamdan *et al.*, 2012; Montaña, 2013; Myers & McDowell, 2014; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Lamar *et al.*, 2019; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

***Xenodon semicinctus* (Duméril, Bibron & Duméril, 1854)**

Fig. 176 - **Map.** 263

Type: MNHN-RA 0860 and MNHN-RA 1209 (Syntypes).

Type locality: Buenos-Ayres et à Santa-Cruz.

Distribution: Argentina and Bolivia.

Remarks: Recorded in the departments of Chuquisaca and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Duméril *et al.*, 1854; Freiberg, 1982; Cei, 1993; Giraudo & Scrocchi, 2002; Scrocchi *et al.*, 2006; Zaher *et al.*, 2009; Mendoza, 2010; Giraudo *et al.*, 2012b; Montaña, 2013; Wallach *et al.*, 2014; Giraudo, 2017; Uetz *et al.*, 2025.

***Xenodon severus* (Linnaeus, 1758)**

Fig. 177 - **Map.** 264

Type: NRM (Holotype).

Type locality: “Asia” in error.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni,

Cochabamba, La Paz, Pando and Santa Cruz. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Fitzinger, 1826; Beebe, 1946; Gans, 1960; Peters & Orejas-Miranda, 1970; Duellman, 1978; Gasc & Rodrigues, 1980; Fugler *et al.*, 1995a; Gorzula & Señaris, 1999; Lehr, 2001; Cortez, 2005; Montaña, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Nogueira *et al.*, 2019a; Rivas *et al.*, 2019c; Gómez-Murillo & Arellano-Martín, 2020; Uetz *et al.*, 2025.

Family Elapidae Boie, 1827

Genus *Micrurus* Wagler, 1824

***Micrurus bolivianus* Roze, 1967**

Fig. 178 - **Map.** 265

Type: ZMH R03025 (Holotype).

Type locality: Charobamba River, about 50 km NE Zudañez, Chuquisaca, Bolivia.

Distribution: Bolivia, Brazil and Peru.

Remarks: Recorded in the departments of Beni, Chuquisaca, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009).

Selected references: Peters, 1871; Rozé, 1983; Fugler *et al.*, 1995a; Lehr, 2002; Harvey *et al.*, 2003; Wallach *et al.*, 2014; Nogueira *et al.*, 2019a; Silva-Jr., 2021; Uetz *et al.*, 2025.

***Micrurus diana* Roze, 1983**

Fig. 179 - **Map.** 266

Type: FMNH 195889 (Holotype).

Type locality: vicinity of Santiago, Provincia Chiquiticos, Departamento Santa Cruz, Bolivia.

Distribution: Bolivia and Brazil.

Remarks: Recorded in the departments of La Paz and Santa Cruz. Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Roze, 1983; Roze, 1994; Roze, 1996; Harvey *et al.*, 1998; Da Silva & Sites, 1999; Harvey *et al.*, 2003; Campbell & Lamar, 2004; Cortez, 2009e; Pires *et al.*, 2013; Wallach *et al.*, 2014; Aguayo *et al.*, 2016h; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

***Micrurus frontifasciatus* (Werner, 1927)**

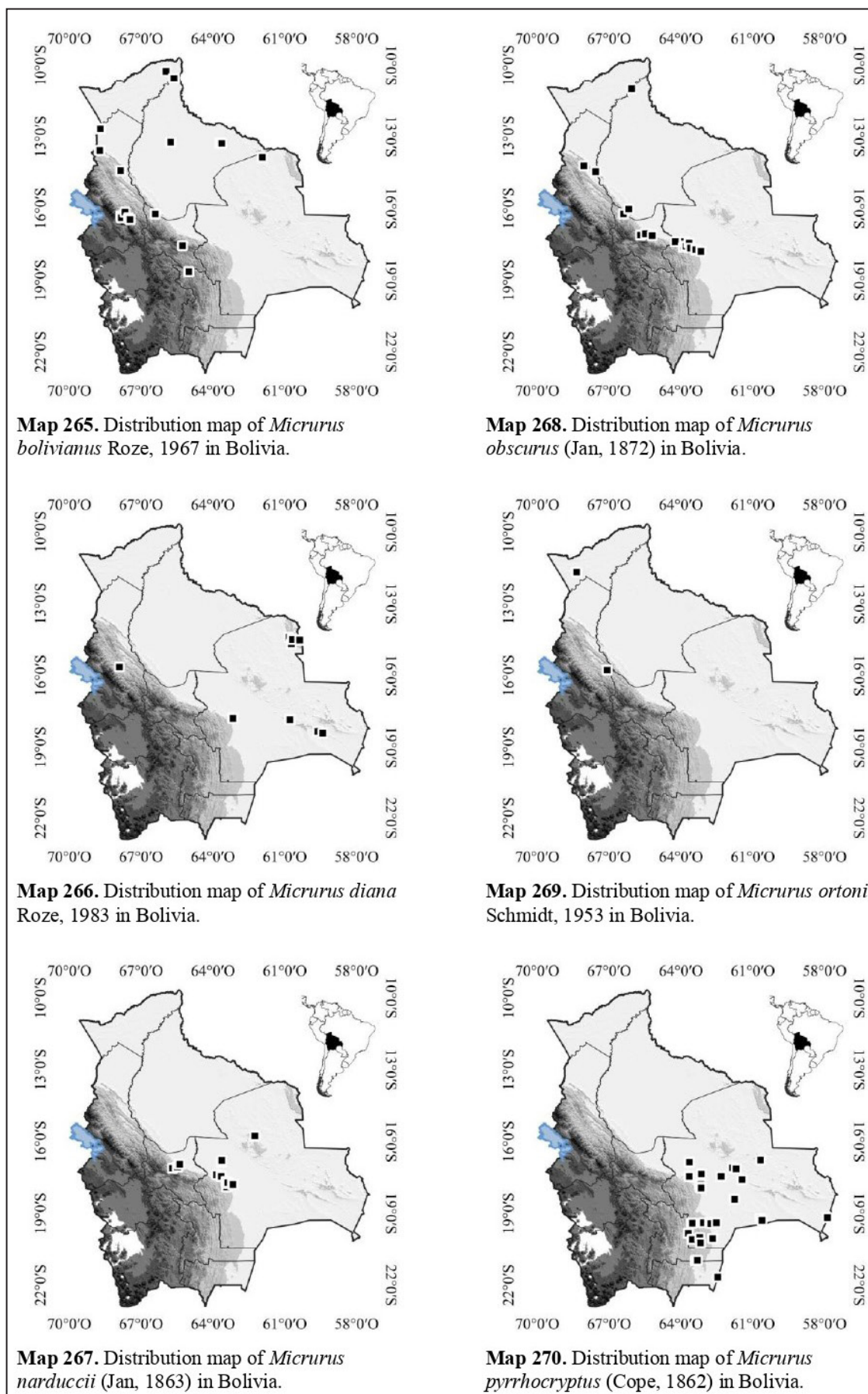
Fig. 180

Type: NMW 18298 (Holotype).

Type locality: Bolivia.

Distribution: Bolivia and Peru.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, and Santa Cruz. Categorized



as NE (MMAYA, 2009).

Selected references: Pires *et al.*, 2021.

***Micrurus lemniscatus* (Linnaeus, 1758)**

Type: NRS L-93 (Lectotype).

Type locality: "Asia" in error.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru and Suriname.

Remarks: Recorded in the departments of Beni, La Paz and Pando. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Duméril & Bibron, 1854; Boulenger, 1886; Garman, 1887; Beebe, 1919; Beebe, 1946; Kornacker, 1999; Harvey *et al.*, 2003; Campbell & Lamar, 2004; Cortez, 2005; Montaña, 2013; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Hladki *et al.*, 2019e; Nogueira *et al.*, 2019a; Eversole *et al.*, 2021; Pires *et al.*, 2021; Uetz *et al.*, 2025.

***Micrurus narduccii* (Jan, 1863)**

Fig. 181 - Map. 267

Type: Lost (Holotype), MSNM (Neotype).

Type locality: Buenavista, Provincia de Santa Cruz, Bolivia.

Distribution: Bolivia, Brazil, Colombia, Ecuador and Peru.

Remarks: Recorded in the departments of Beni, Cochabamba and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Griffin, 1916; Peters & Orejas-Miranda, 1970; Duellman, 1978; Fugler *et al.*, 1995a; Slowinski, 1995; Harvey *et al.*, 2003; Campbell & Lamar, 2004; Montaña, 2013; Wallach *et al.*, 2014; Aguayo *et al.*, 2016i; Nogueira *et al.*, 2019a; Rios & Miranda-Calle, 2020; Uetz *et al.*, 2025.

***Micrurus obscurus* (Jan, 1872)**

Fig. 182 - Map. 268

Type: Lost (Holotype).

Type locality: "Lima" in error.

Distribution: Bolivia, Brazil, Colombia, Ecuador, Peru and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Jan & Sordelli, 1872; Schmidt & Walker, 1943; Schmidt, 1955; Peters & Orejas-Miranda, 1970; Duellman, 1978; Harvey *et al.*, 2003; Campbell & Lamar, 2004; Montaña, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015;

Hladki *et al.*, 2019d; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

***Micrurus ortonii* Schmidt, 1953**

Map. 269

Type: MCZ 12423 (Holotype).

Type locality: Pebas, Peru.

Distribution: Bolivia, Brazil, Colombia, Ecuador and Peru.

Remarks: Recorded in the departments of Beni, La Paz and Pando. Categorized as NE (MMAYA, 2009).

Selected references: Schmidt, 1953; Peters & Orejas-Miranda, 1970; Feitosa *et al.*, 2007; Valencia *et al.*, 2016; Bernarde *et al.*, 2018; Nogueira *et al.*, 2019a.

***Micrurus pyrrhocryptus* (Cope, 1862)**

Map. 270

Type: ANSP 5395 (Holotype).

Type locality: Río Bermejo, Argentina.

Distribution: Argentina, Bolivia, Brazil and Paraguay

Remarks: Recorded in the departments of Chuquisaca, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Schmidt, 1936; Cei, 1993; Leynaud & Bucher, 1999; Harvey *et al.*, 2003; Padial *et al.*, 2003; Campbell & Lamar, 2004; Schmidt & Kunz, 2005; Montaña, 2013; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Scott *et al.*, 2017; Nogueira *et al.*, 2019a; Giraudo *et al.*, 2021; Uetz *et al.*, 2025.

***Micrurus serranus* Harvey, Aparicio & Gonzalez, 2003**

Fig. 183 - Map. 271

Type: UTA 34561 (Holotype).

Type locality: 3 km N of Samaipata on the road to Mairana, Florida Province, Santa Cruz, Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in the departments of Chuquisaca, Cochabamba, Potosí and Santa Cruz. Categorized as VU (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Harvey *et al.*, 2003; Muñoz *et al.*, 2009b; Muñoz-Saravia *et al.*, 2009; Mendoza, 2010; Montaña, 2013; Wallach *et al.*, 2014; Aguayo *et al.*, 2016g; Uetz *et al.*, 2025.

***Micrurus spixii* Wagler, 1824**

Map. 272

Type: ZSM 209/0 (Holotype).

Type locality: Rio Solimões, state of Amazonas,



Figure 183. *Micrurus serranus* from Florida Province, department of Santa Cruz. Photo: Steffen Reichle.



Figure 184. *Micrurus surinamensis* from P. N. Noel Kempff Mercado, department of Santa Cruz. Photo: Ignacio De la Riva.



Figure 185. *Bothrocophias andianus* from Sehuencas, department of Cochabamba. Photo: Oliver Quinteros-Muñoz.



Figure 186. *Bothrocophias hyoprora* from Sagusa, department of Pando. Photo: Steffen Reichle.



Figure 187. *Bothrops atrox* from Tumupasa, department of La Paz. Photo: Steffen Reichle.

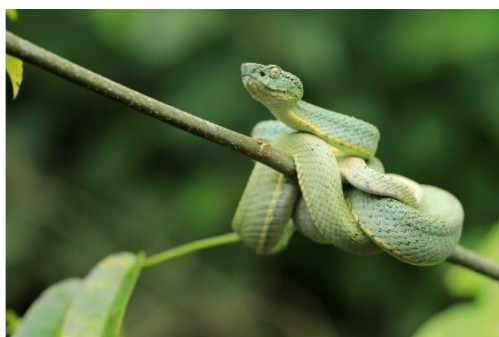


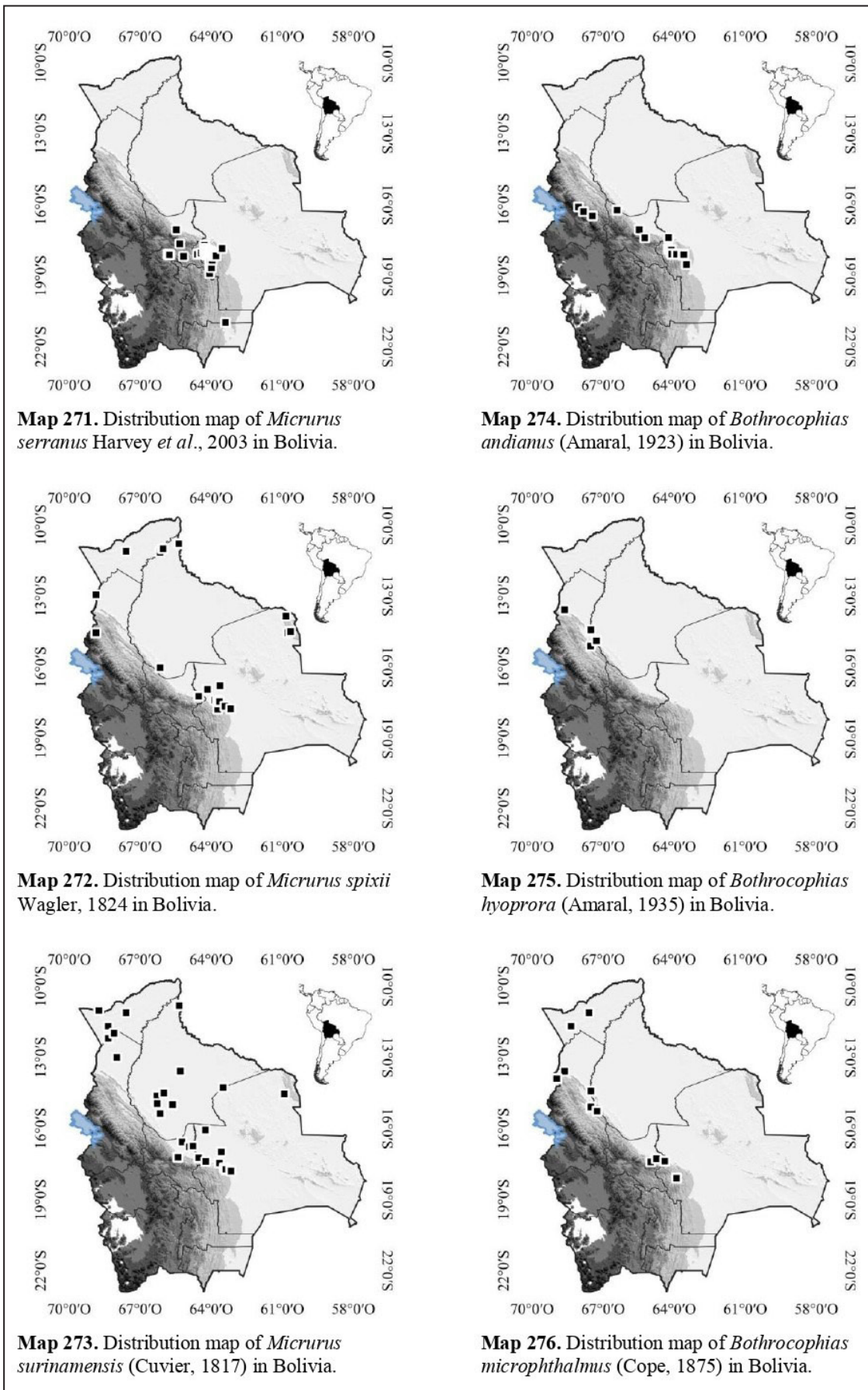
Figure 188. *Bothrops bilineatus* from Ivirizu, department of Cochabamba. Photo: Raúl León.



Figure 189. *Bothrops diporus* from Tres Gigantes / Paraguay. Photo: Octavio Jiménez-Robles.



Figure 190. *Bothrops jonathani* from Vallegrande, department of Santa Cruz. Photo: Lucindo Gonzales.



Brazil.

Distribution: Bolivia, Brazil and Colombia.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Wagler, 1824; Harvey *et al.*, 2003; Campbell & Lamar, 2004; Gower *et al.*, 2012; Montaña, 2013; Wallach *et al.*, 2014; Hladki *et al.*, 2019b; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

***Micrurus surinamensis* (Cuvier, 1817)**

Fig. 184 - Map. 273

Type: MNHN-RA 3926 (Lectotype).

Type locality: Suriname.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana and Peru.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Cuvier, 1817; Beebe, 1919; Peters & Orejas-Miranda, 1970; Fugler *et al.*, 1995a; Starace, 1998; Harvey *et al.*, 2003; Moravec & Aparicio, 2005; Passos & Fernandes, 2005; Moraes *et al.*, 2011; Whithworth & Beirne, 2011; Montaña, 2013; Wallach *et al.*, 2014; Hladki *et al.*, 2019c; Nogueira *et al.*, 2019a; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

Family Viperidae Oppel, 1811

Genus *Bothrocophias* Gutberlet & Campbell, 2001

***Bothrocophias andianus* (Amaral, 1923)**

Fig. 185 - Map. 274

Type: MCZ R8832 (Holotype).

Type locality: Machu Picchu, Departamento Cuzco, Peru.

Distribution: Bolivia and Peru.

Remarks: Recorded in the departments of Cochabamba, La Paz and Santa Cruz. Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Amaral, 1923; Peters & Orejas-Miranda, 1970; McDiarmid *et al.*, 1999; Campbell & Lamar, 2004; Harvey *et al.*, 2005; Carrasco *et al.*, 2009; Fenwick *et al.*, 2009; Muñoz & Jansen, 2009; Carrasco *et al.*, 2012; Wallach *et al.*, 2014; Aguayo *et al.*, 2019b; Carrasco *et al.*, 2019; Timms *et al.*, 2019; Quinteros-Muñoz *et al.*, 2022d; Uetz *et al.*, 2025.

***Bothrocophias hyoprora* (Amaral, 1935)**

Fig. 186 - Map. 275

Type: IBSP 9199 (Holotype).

Type locality: La Padrera, Colombia.

Distribution: Bolivia, Brazil, Colombia, Ecuador and Peru.

Remarks: Recorded in the departments of La Paz and Pando. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Amaral, 1935; Campbell & Lamar, 1989; Campbell & Lamar, 2004; Carrasco *et al.*, 2012; Wallach *et al.*, 2014; Nogueira *et al.*, 2019a; Reichle, 2019; Catenazzi *et al.*, 2021a; Uetz *et al.*, 2025.

***Bothrocophias microphthalmus* (Cope, 1875)**

Map. 276

Type: ANSP 11515 (Holotype).

Type locality: Between Balso Puerto and Moyabamba, Peru.

Distribution: Bolivia, Brazil, Colombia, Ecuador and Peru.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz and Santa Cruz. Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Cope, 1875; Cope, 1879; Pérez-Santos & Moreno, 1988; Schätti & Kramer, 1993; McDiarmid *et al.*, 1999; Gutberlet & Campbell, 2001; Lehr *et al.*, 2002; Campbell & Lamar, 2004; Harvey *et al.*, 2005; Rivera, 2009b; Carrasco *et al.*, 2012; Wallach *et al.*, 2014; Caicedo *et al.*, 2019d; Carrasco *et al.*, 2019; Nogueira *et al.*, 2019a; Timms *et al.*, 2019; Uetz *et al.*, 2025.

Genus *Bothrops* Wagler, 1824

***Bothrops atrox* (Linnaeus, 1758)**

Fig. 187 - Map. 277

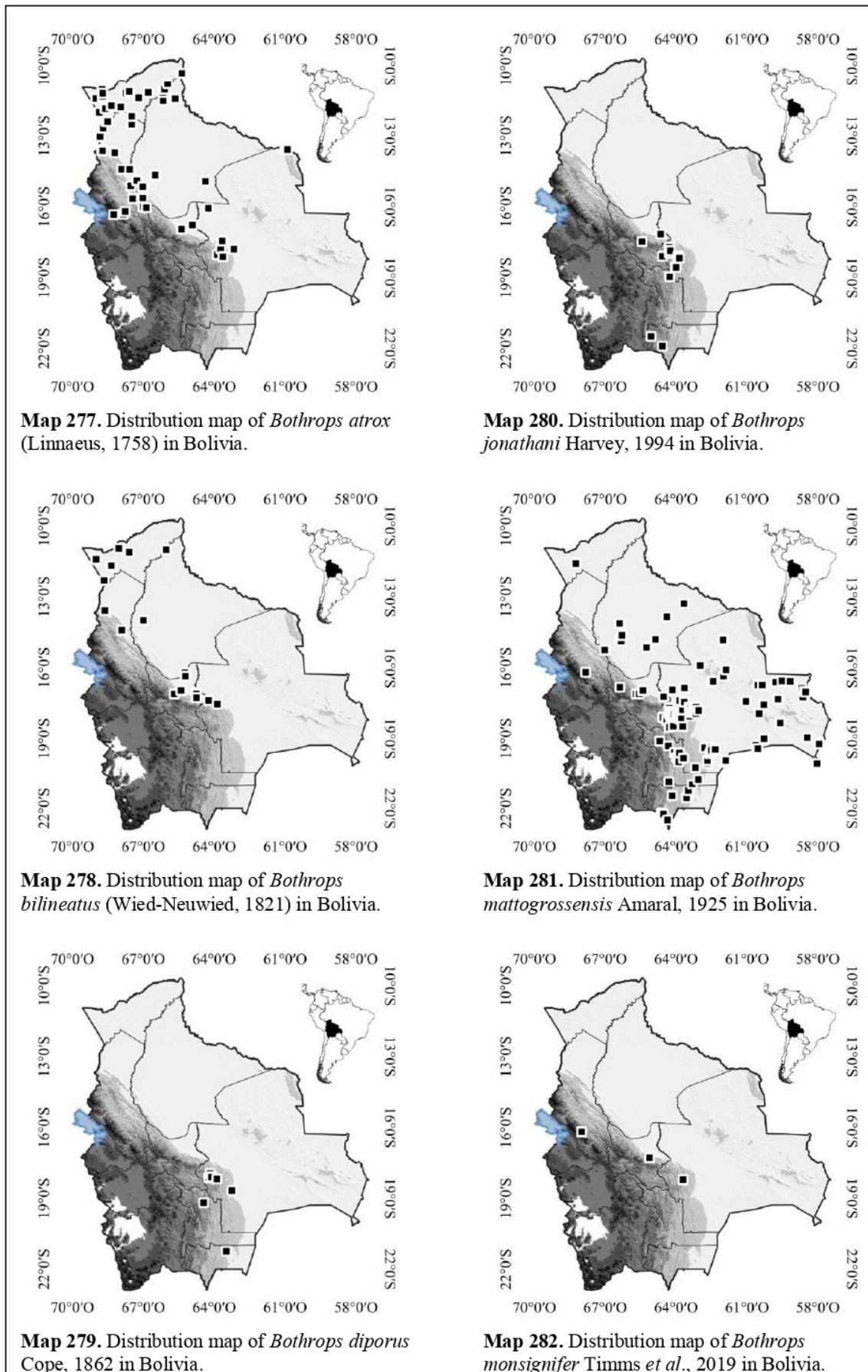
Type: NRM 100-101 (Syntypes).

Type locality: “Asia” in error.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Duméril & Bibron, 1854; Peters & Orejas-Miranda, 1970; Gasc & Rodrigues, 1980; Fugler, 1984; Fugler *et al.*, 1995a; McDiarmid *et al.*, 1999; Campbell & Lamar, 2004; Cortez, 2005; Harvey *et al.*, 2005; Monzel & Wüster, 2008; Fenwick *et al.*, 2009; Carrasco *et al.*, 2012; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Carrasco *et al.*, 2019; Nogueira *et al.*, 2019a; Timms



et al., 2019; Gutiérrez-Cárdenas *et al.*, 2021a; Uetz *et al.*, 2025.

***Bothrops bilineatus* (Wied-Neuwied, 1821)**

Fig. 188 - Map. 278

Type: Lost (Holotype).

Type locality: Marobá, Nova Viçosa, state of Bahia, Brazil.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Surinam and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Wied-Neuwied, 1821; Wied-Neuwied, 1825; Duméril *et al.*, 1854; Hoge, 1966; Peters & Orejas-Miranda, 1970; Fugler *et al.*, 1995a; Salomão *et al.*, 1997; Starace, 1998; Parkinson, 1999; McDiarmid *et al.*, 1999; Lehr, 2002; Feio & Caramaschi, 2003; Harvey *et al.*, 2005; Claessen 2006; Fenwick *et al.*, 2009; Carrasco *et al.*, 2012; Montaña 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Carrasco *et al.*, 2019; Nogueira *et al.*, 2019a; Catenazzi, 2021b; Quinteros-Muñoz *et al.*, 2024d; Uetz *et al.*, 2025.

***Bothrops diporus* Cope, 1862**

Fig. 189 - Map. 279

Type: USNM 12380 (Holotype).

Type locality: Río Bermejo region, on the boundary between Paraguay and Argentina.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the departments of Chuquisaca, Tarija and Santa Cruz. In the IUCN Red List, this species is listed as Least Concern (LC). Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Boulenger, 1886; Trutnau, 2008; Da Silva & Rodrigues, 2008; Fenwick *et al.*, 2009; Carrasco *et al.*, 2012; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Cacciali *et al.*, 2019h; Carrasco *et al.*, 2019; Uetz *et al.*, 2025.

***Bothrops jonathani* Harvey, 1994**

Fig. 190 - Map. 280

Type: MNK R 1000 (Holotype).

Type locality: on Highway 4 approximately 35 km N (by road) of El Empalme, Provincia Carrasco, Departamento de Cochabamba, Bolivia.

Distribution: Argentina and Bolivia.

Remarks: Recorded in the departments of Cochabamba, Chuquisaca, Santa Cruz and Tarija. Categorized as VU (MMAYA, 2009) and DD (IUCN, 2022).

Selected references: Harvey, 1994; McDiarmid *et al.*, 1999; Harvey *et al.*, 2005; Fenwick *et al.*, 2009; Carrasco *et al.*, 2009; Muñoz *et al.*, 2009c; Mendoza, 2010; Carrasco *et al.*, 2012; Montaña 2013; Wallach *et al.*, 2014; Aguayo *et al.*, 2019c; Carrasco *et al.*, 2019; Uetz *et al.*, 2025.

***Bothrops mattogrossensis* Amaral, 1925**

Fig. 191 - Map. 281

Type: IBSP 3011 (Holotype).

Type locality: “Miranda, Matto-Grosso”, Brazil.

Distribution: Argentina, Bolivia, Brazil and Peru.

Remarks: Recorded in the departments of Beni, Cochabamba, Chuquisaca, La Paz, Pando, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022). It should be noted that genetic populations of *Bothrops mattogrossensis* from Bolivia sampled by Carrasco *et al.* (2019) are identified as *Bothrops* aff. *diporus* and *Bothrops sonene*. However, these authors indicate *B. mattogrossensis* as present in Bolivia for their geographic distribution map (Carrasco *et al.*, 2019: 308, Fig. 2), although no specimens were examined or sequenced for these areas of probable occurrence in Santa Cruz, close to the border with Brazil. Until the taxonomic status of these specimens is resolved, we tentatively assign them to *B. mattogrossensis*.

Selected references: Amaral, 1925; Peters & Orejas-Miranda, 1970; Franca *et al.*, 2006; Jansen, 2008; Fenwick *et al.*, 2009; Carrasco *et al.*, 2012; Montaña, 2013; Wallach *et al.*, 2014; Nogueira *et al.*, 2019a; Carrasco *et al.*, 2019; Timms *et al.*, 2019; Cacciali *et al.*, 2021; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

***Bothrops monsignifer* Timms, Chaparro, Venegas, Salazar-Valenzuela, Scrocchi, Cuevas, Leynaud & Carrasco, 2019**

Fig. 192 - Map. 282

Type: MNK 5556 (Holotype).

Type locality: 13 km southwest to Refugio Los Volcanes, Cuevas Ecological Center, province of Florida, department of Santa Cruz, Bolivia.

Distribution: Bolivia and Peru.

Remarks: Recorded in the departments of Cochabamba, La Paz and Santa Cruz. Categorized as NE (MMAYA, 2009).

Selected references: Timms *et al.*, 2019; Quinteros-Muñoz *et al.*, 2022d; Uetz *et al.*, 2025.

***Bothrops moojeni* Hoge, 1966**

Fig. 193 - Map. 283



Figure 191. *Bothrops matogrossensis* from Pasorapa, department of Cochabamba. Photo: Luis Rolando Rivas.



Figure 195. *Bothrops sonene* from Espiritu, department of Beni. Photo: Octavio Jiménez-Robles.



Figure 192. *Bothrops monsignifer* from Sehuencas, department of Cochabamba. Photo: Oliver Quinteros-Muñoz.



Figure 196. *Bothrops taeniatus* from P. N. Madidi, department of La Paz. Photo: Radamir Sevillanos.



Figure 193. *Bothrops moojeni* in captivity (Zoologico Santa Cruz). Photo: Daniel Alarcon.



Figure 197. *Crotalus durissus* from Santiago de Chiquitos, department of Santa Cruz. Photo: Steffen Reichle.



Figure 194. *Bothrops sanctaecrucis* from Villa Tunari, department of Cochabamba. Photo: Pedro Gómez-Murillo.

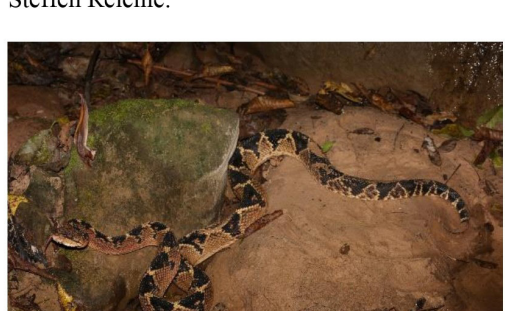


Figure 198. *Lachesis muta* from Villa Tunari, department of Cochabamba. Photo: Pedro Gómez-Murillo.

Type: IBSP 23397 (Holotype).

Type locality: Brasília, Distrito Federal, Brazil.

Distribution: Argentina, Bolivia, Brazil and Paraguay.

Remarks: Recorded in the department of Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Hoge, 1966; McDiarmid *et al.*, 1999; Harvey *et al.*, 2005; Monzel & Wüster, 2008; Fenwick *et al.*, 2009; Carrasco *et al.*, 2012; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Carrasco *et al.*, 2019; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

***Bothrops oligolepis* (Werner, 1901)**

Map. 284

Type: MTD 1714 (Holotype).

Type locality: Bolivia.

Distribution: Bolivia and Peru.

Remarks: Recorded in the department of La Paz. In the IUCN Red List, this species is listed as Least Concern (LC). Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Campbell & Lamar, 2004; Harvey *et al.*, 2005; Carrasco *et al.*, 2012; Wallach *et al.*, 2014; Venegas *et al.*, 2019; Uetz *et al.*, 2025.

***Bothrops pauloensis* Amaral, 1925**

Map. 285

Type: IBSP 3013 (Holotype).

Type locality: Leme, state of São Paulo, Brazil.

Distribution: Bolivia, Brazil and Paraguay.

Remarks: Recorded in the department of Santa Cruz. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Amaral, 1925; Campbell & Lamar, 2004; Silva, 2004; Jansen, 2006; Jansen *et al.*, 2007; Silva & Rodrigues, 2008; Fenwick *et al.*, 2009; Carrasco *et al.*, 2012; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Cacciali & Scott 2019d; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

***Bothrops sanctaecrucis* Hoge, 1966**

Fig. 194 - **Map.** 286

Type: IBSP 24575 (Holotype).

Type locality: Rio Sécuré, Oromono, Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in the departments of Beni, Cochabamba and Santa Cruz. Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Hoge, 1966; Campbell & Lamar,

1989; McDiarmid *et al.*, 1999; Fenwick *et al.*, 2009; Miranda-Calle & Aguilar-Kirigin, 2011; Carrasco *et al.*, 2012; Wallach *et al.*, 2014; Carrasco *et al.*, 2019; Timms *et al.*, 2019; Gómez-Murillo *et al.*, 2020; Aguayo *et al.*, 2021; Uetz *et al.*, 2025.

***Bothrops sonene* Carrasco, Grazziotin, Cruz-Farfán, Koch, Ochoa, Scrocchi, Leynaud & Chaparro, 2019**

Fig. 195 - **Map.** 287

Type: MHNC 12319 (Holotype).

Type locality: Pampa Juliaca, Pampas del Heath, Peru.

Distribution: Bolivia and Peru.

Remarks: Recorded in the department of Beni. Categorized as NE (MMAYA, 2009).

Selected references: Carrasco *et al.*, 2019; Uetz *et al.*, 2025.

***Bothrops taeniatus* Wagler, 1824**

Fig. 196 - **Map.** 288

Type: Lost (Holotype), MNHN-RA 1582 (Neotype).

Type locality: Amazonas, Brazil.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru and Venezuela.

Remarks: Recorded in the departments of La Paz and Pando. Categorized as NT (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Wagler, 1824; Campbell & Lamar, 1989; Schätti & Kramer, 1991; Starace, 1998; Parkinson, 1999; McDiarmid *et al.*, 1999; Campbell & Lamar, 2004; Harvey *et al.*, 2005; Claessen, 2006; Monzel & Wüster, 2008; Fenwick *et al.*, 2009; Rivera 2009a; Carrasco *et al.*, 2012; Cole *et al.*, 2013; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Hoogmoed *et al.*, 2019a; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

Genus *Crotalus* Linnaeus, 1758

***Crotalus durissus* Linnaeus, 1758**

Fig. 197 - **Map.** 289

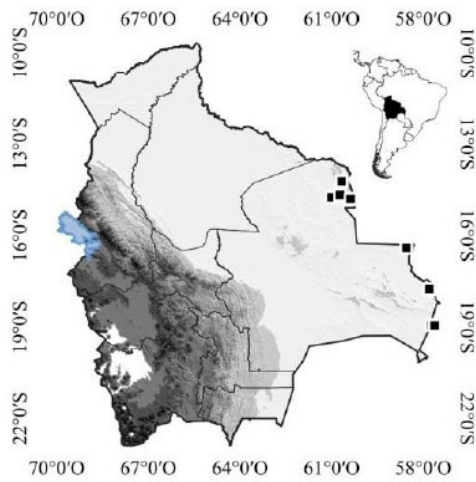
Type: RMNH 12857 (Neotype).

Type locality: “America”.

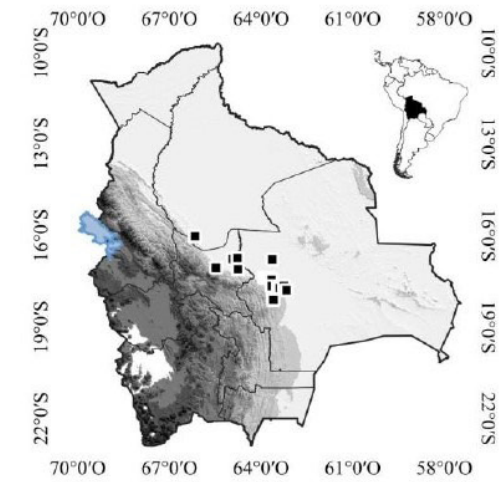
Distribution: Argentina, Bolivia, Brazil, Colombia, French Guiana, Guyana, Paraguay, Peru, Suriname, Uruguay and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, Chuquisaca, La Paz, Pando, Santa Cruz and Tarija. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

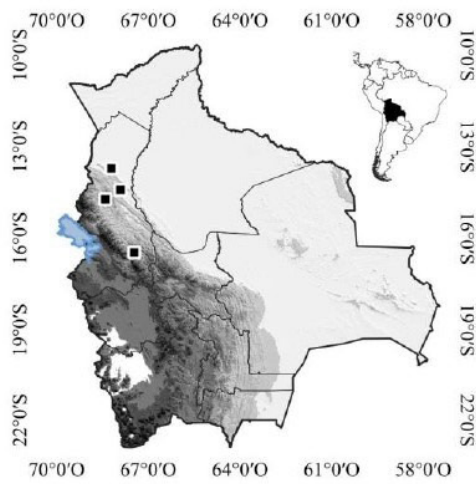
Selected references: Linnaeus, 1758; Baird & Girard, 1853; Duméril & Bibron, 1854; Griffin, 1916; Fugler



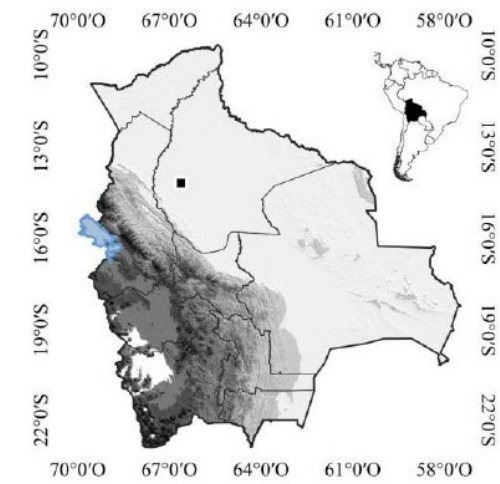
Map 283. Distribution map of *Bothrops moojeni* Hoge, 1966 in Bolivia.



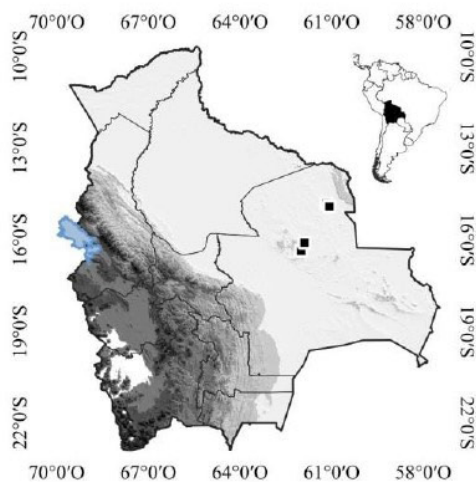
Map 286. Distribution map of *Bothrops sanctaerucis* Hoge, 1966 in Bolivia.



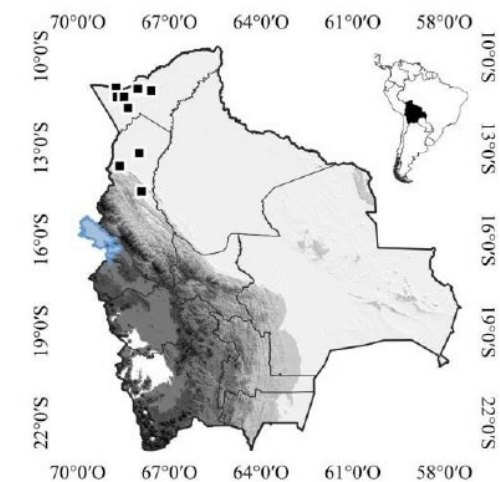
Map 284. Distribution map of *Bothrops oligolepis* (Werner, 1901) in Bolivia.



Map 287. Distribution map of *Bothrops sonene* Carrasco et al., 2019 in Bolivia.



Map 285. Distribution map of *Bothrops pauloensis* Amaral, 1925 in Bolivia.



Map 288. Distribution map of *Bothrops taeniatus* Wagler, 1824 in Bolivia.

et al., 1995a; McDiarmid *et al.*, 1999; Campbell & Lamar, 2004; Harvey *et al.*, 2005; Carrasco *et al.*, 2009; Martins & Lamar, 2010; Mendoza, 2010; Wüster & Bernils, 2011; Montaña, 2013; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Pinto-Viveros *et al.*, 2017; Carrasco *et al.*, 2019; Nogueira *et al.*, 2019a; Aguilar-Kirigin, 2020; Eversole *et al.*, 2021; Uetz *et al.*, 2025.

Genus *Lachesis* Daudin, 1803

***Lachesis muta* (Linnaeus, 1766)**

Fig. 198 - Map. 290

Type: NRM (Holotype).

Type locality: Vitória, state of Espírito Santo, Brazil.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1766; Schinz, 1822; Duméril & Bibron, 1854; Griffin, 1916; Beebe, 1946; Peters & Orejas-Miranda, 1970; Fugler *et al.*, 1995a; Visinoni, 1995; Gorzula & Señaris, 1999; McDiarmid *et al.*, 1999; Cortez, 2005; Harvey *et al.*, 2005; Carrasco *et al.*, 2009; Montaña, 2013; Wallach *et al.*, 2014; Pinto-Viveros *et al.*, 2017; Carrasco *et al.*, 2019; Nogueira *et al.*, 2019a; Gómez-Murillo & Arellano-Martín, 2020; Gutiérrez-Cárdenas *et al.*, 2021; Uetz *et al.*, 2025.

Henophidia Nopcsa, 1928

Family Aniliidae Stejneger, 1907

Genus *Anilius* Oken, 1816

***Anilius scytale* (Linnaeus, 1758)**

Fig. 199 - Map. 291

Type: AMNH 61047 (Holotype).

Type locality: “Indiis” in error.

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname, and Trinidad and Tobago.

Remarks: Recorded in the departments of Cochabamba, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Shaw & Nodder, 1789; Oken, 1816; De Filippi, 1840; Duméril & Bibron, 1844; Jan, 1862; Boulenger, 1893; Beebe, 1946; Duellman, 1978; Fugler *et al.*, 1995a; Starace, 1998; McDiarmid *et al.*, 1999; Cole *et al.*, 2013; Montaña, 2013; Wallach *et al.*, 2014; Natera-Mumaw

et al., 2015; Arredondo *et al.*, 2019d; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

Scolecophidia Cope, 1864

Family Leptotyphlopidae Stejneger, 1892

Genus *Epictia* Gray, 1845

***Epictia albifrons* (Wagler, 1824)**

Map. 292

Type: Lost (Holotype), MCZ R-2885 (Neotype).

Type locality: Vicinities of Belém, state of Pará, Brazil.

Distribution: Bolivia and Brazil.

Remarks: Recorded in the departments of Beni and La Paz. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022). Wallach (2016) and Nogueira *et al.* (2019a) state that *E. albifrons* would be endemic to Brazil, occurring only in the north (Pará). Although in Bolivia there are records under the name of *E. albifrons* (Embert, 2007; Wallach *et al.*, 2014), the presence of this species is debatable for our country, since there are no studies that refute this information. Wallach (2016) mentions the need for the designation of a neotype, which could resolve the taxonomic uncertainty that *E. albifrons* and its various combinations have, since the distribution of this species could cover the entire Amazon.

Selected references: Wagler, 1824; Boulenger, 1893; Boulenger, 1896; Barbour & Cole, 1906; Beebe, 1946; Fugler *et al.*, 1995a; McDiarmid *et al.*, 1999; Boos 2001; Adalsteinsson *et al.*, 2009; Wallach *et al.*, 2014; Natera-Mumaw *et al.*, 2015; Wallach, 2016; Pinto *et al.*, 2018; Hoogmoed *et al.*, 2019b; Uetz *et al.*, 2025.

***Epictia albipuncta* (Burmeister, 1861)**

Fig. 200 - Map. 293

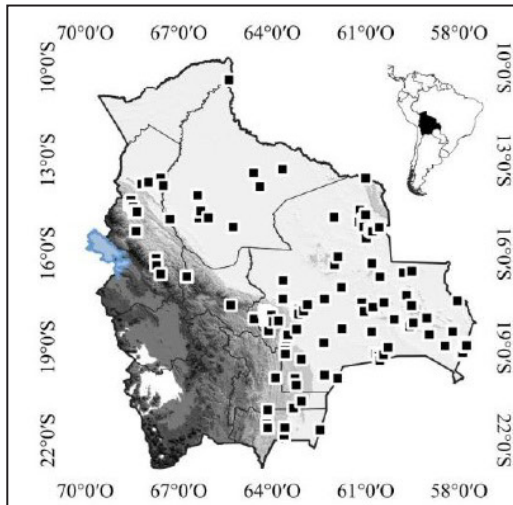
Type: MLUH IZH-R 461 (Holotype).

Type locality: Tucumán, Argentina.

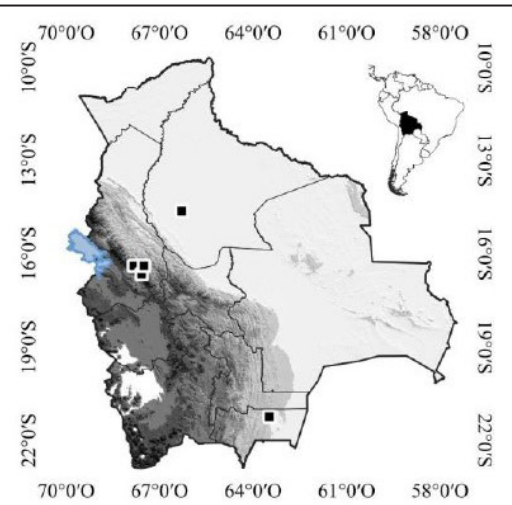
Distribution: Argentina, Brazil, Bolivia, Paraguay and Uruguay.

Remarks: Recorded in the departments of Beni, Cochabamba, Chuquisaca, La Paz and Tarija. Categorized as NE (MMAYA, 2009) and LC (IUCN, 2022).

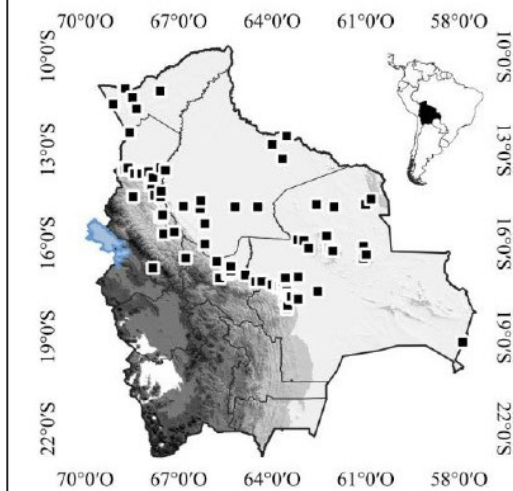
Selected references: Burmeister, 1861; Peters & Orejas-Miranda, 1970; Fugler *et al.*, 1995a; McDiarmid *et al.*, 1999; Kretzschmar, 2006; Adalsteinsson *et al.*, 2009; Wallach *et al.*, 2014; Koch *et al.*, 2015; Natera-Mumaw *et al.*, 2015; Cacciali *et al.*, 2016a; Aparicio & Miranda-Calle, 2017; Cacciali *et al.*, 2017c; Uetz *et al.*, 2025.



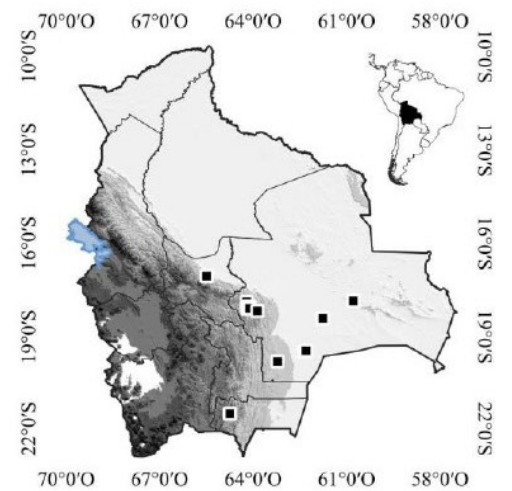
Map 289. Distribution map of *Crotalus durissus* Linnaeus, 1758 in Bolivia.



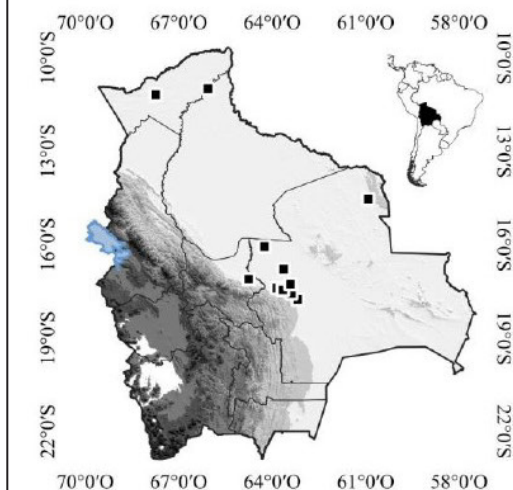
Map 292. Distribution map of *Epictia albifrons* (Wagler, 1824) in Bolivia.



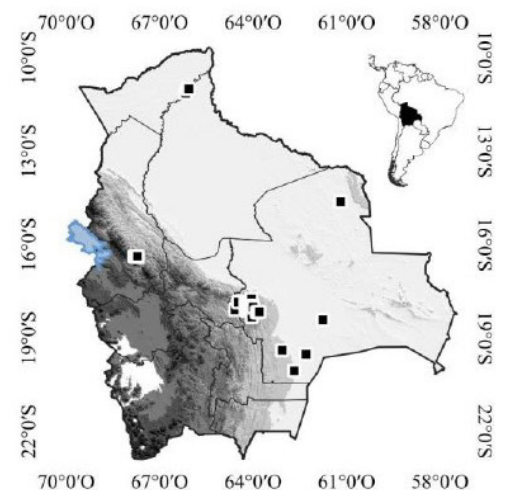
Map 290. Distribution map of *Lachesis muta* (Linnaeus, 1766) in Bolivia.



Map 293. Distribution map of *Epictia albipuncta* (Burmeister, 1861) in Bolivia.



Map 291. Distribution map of *Anilius scytale* (Linnaeus, 1758) in Bolivia.



Map 294. Distribution map of *Epictia striatula* (Smith & Laufe, 1945) in Bolivia.



Figure 199. *Anilius scytale* from Predios de la UMSS Valle del Sajta, department of Cochabamba. Photo: Raúl León.



Figure 203. *Amerotyphlops reticulatus* from Ñembiguasu, department of Santa Cruz. Photo: Lucindo Gonzales.



Figure 200. *Epictia albipuncta* from Cristal Mayu, department of Cochabamba. Photo: Gabriel Callapa.



Figure 201. *Epictia striatula* from P.N. Amboró, department of Santa Cruz. Photo: Ignacio De la Riva.



Figure 202. *Amerotyphlops brongersmianus* from Chalalán, department of La Paz. Photo: Ignacio De la Riva.

***Epictia striatula* (Smith & Lafe, 1945)**

Fig. 201 - **Map.** 294

Type: USNM 98889 (Holotype).

Type locality: Yanacachi, Sur de Yungas, Bolivia.

Distribution: Argentina, Bolivia, Brazil and Peru.

Remarks: Recorded in the departments of Beni, La Paz and Santa Cruz. Categorized as LC (MMAYA, 2009) and VU (IUCN, 2022).

Selected references: Smith & Lafe, 1945; Fugler *et al.*, 1995a; McDiarmid *et al.*, 1999; Adalsteinsson *et al.*, 2009; Mendoza, 2010; Montaña, 2013; Wallach *et al.*, 2014; Francisco *et al.*, 2018; Arzamendia *et al.*, 2019a; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

***Epictia undecimstriata* (Schlegel, 1839)**

Map. 295

Type: Lost (Holotype).

Type locality: Santa Cruz de la Sierra, Bolivia.

Distribution: Bolivia.

Remarks: Endemic species. Recorded in the departments of Santa Cruz. Categorized as DD (MMAYA, 2009) and DD (IUCN, 2022).

Selected references: Schlegel, 1839; Gray, 1845; Peters & Orejas-Miranda, 1970; McDiarmid *et al.*, 1999; Adalsteinsson *et al.*, 2009; Wallach *et al.*, 2014; Aguayo *et al.*, 2016k; Uetz *et al.*, 2025.

Genus *Rena* Baird & Girard, 1853

***Rena unguistrostris* (Boulenger, 1902)**

Map. 296

Type: BMNH 1946.1.11.52 (Holotype).

Type locality: Cruz del Eje, Cordoba, Argentina.

Distribution: Argentina, Bolivia and Paraguay.

Remarks: Recorded in the departments of Chuquisaca and Santa Cruz. Categorized as DD (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Orejas-Miranda, 1970; Leynaud & Bucher, 1999; McDiarmid *et al.*, 1999; Adalsteinsson *et al.*, 2009; Montaña, 2013; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Cacciali *et al.*, 2017d; Uetz *et al.*, 2025.

Family Typhlopidae Merrem, 1820

Genus *Amerotyphlops* Hedges, Marion, Lipp, Marin & Vidal, 2014

***Amerotyphlops brongersmianus* (Vanzolini, 1976)**

Fig. 202 - **Map.** 297

Type: MZUSP 5218 (Holotype).

Type locality: Barra de Itaípe, Ilhéus, state of Bahia, Brazil.

Distribution: Argentina, Bolivia, Brazil, Colombia,

Guyana, Paraguay, Peru, Suriname, Trinidad and Tobago, and Venezuela.

Remarks: Recorded in the departments of Beni, Cochabamba, La Paz, Potosí and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Vanzolini, 1972; Vanzolini, 1976; Dixon & Hendricks, 1979; Fugler, 1983; Fugler, 1984; Fugler *et al.*, 1995a; Leynaud & Bucher, 1999; McDiarmid *et al.*, 1999; Rocha *et al.*, 2004; Cole *et al.*, 2013; Montaña, 2013; Hedges *et al.*, 2014; Wallach *et al.*, 2014; Cacciali *et al.*, 2016a; Graboski *et al.*, 2018; Gutiérrez-Cárdenas *et al.*, 2019; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

***Amerotyphlops reticulatus* (Linnaeus, 1758)**

Fig. 203 - **Map.** 298

Type: RMNH 7660 (Neotype).

Type locality: "America".

Distribution: Bolivia, Brazil, Colombia, Ecuador, French Guiana, Guyana, Peru, Suriname and Venezuela.

Remarks: Recorded in the departments of Beni, Chuquisaca, La Paz, Pando and Santa Cruz. Categorized as LC (MMAYA, 2009) and LC (IUCN, 2022).

Selected references: Linnaeus, 1758; Duméril & Bibron, 1844; Griffin, 1916; Dixon & Hendricks, 1979; Gasc & Rodrigues, 1980; Fugler, 1983; Fugler *et al.*, 1995a; Starace, 1998; McDiarmid *et al.*, 1999; Moravec & Aparicio, 2005; Mendoza, 2010; Cole *et al.*, 2013; Kornilios *et al.*, 2013; Hedges *et al.*, 2014; Wallach *et al.*, 2014; Graboski *et al.*, 2018; Caicedo *et al.*, 2019a; Nogueira *et al.*, 2019a; Uetz *et al.*, 2025.

Reptile species that may occur in Bolivia

These species have been Recorded very close to the Bolivian frontier in Argentina, Brazil, Chile, Paraguay and Peru. However, as far as we know, there are no records for Bolivia.

***Alopoglossus atriventris* Duellman, 1973**

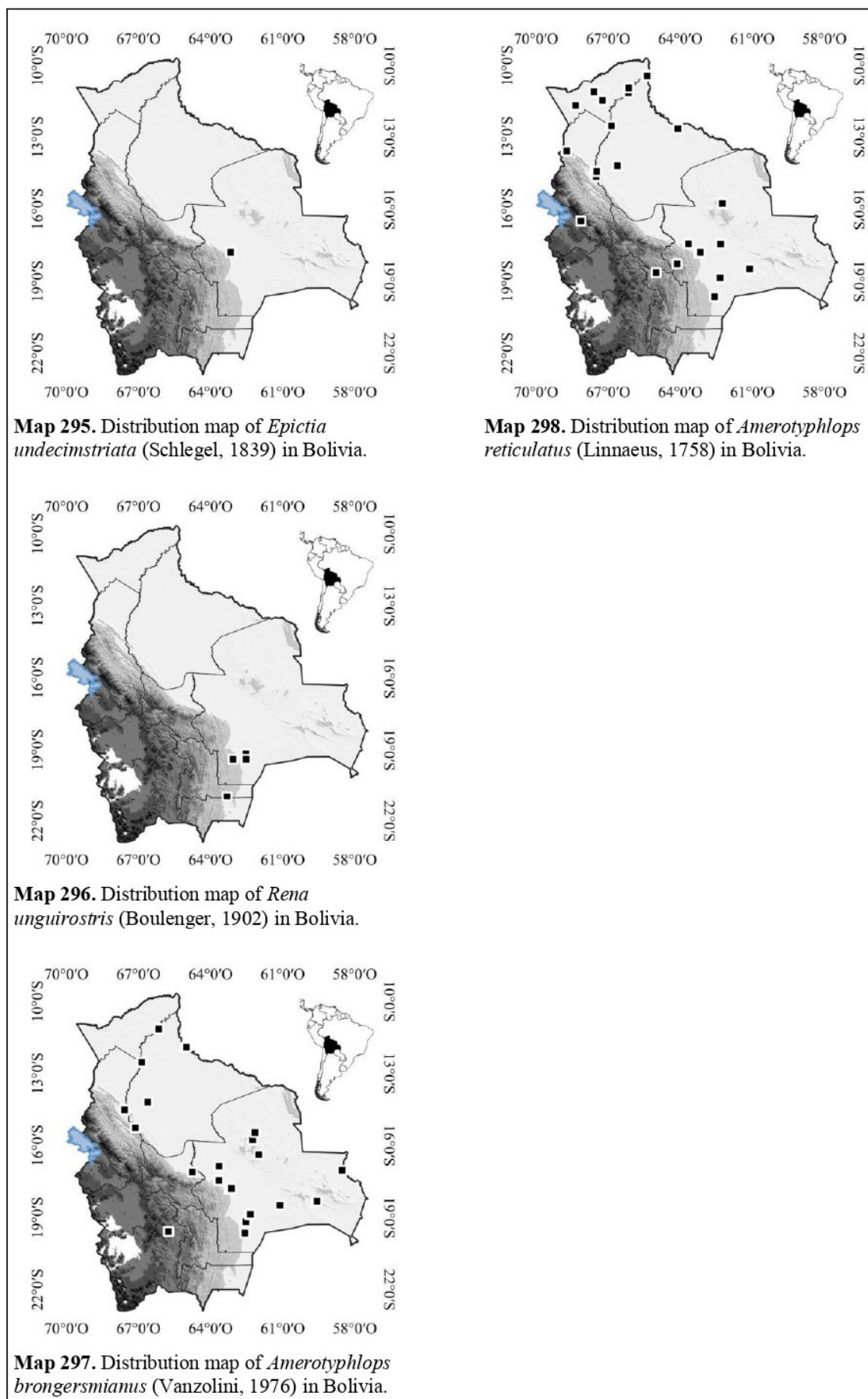
Remarks: Records are known near the border with Brazil next to the department of Pando, according to a map in Ribeiro-Júnior & Amaral (2016b).

***Anolis dissimilis* Williams, 1965**

Remarks: Records are known near the border with Brazil next to the department of Pando, according to a map in Ribeiro-Júnior (2015a).

***Colobosaura modesta* (Reinhardt & Lütken, 1862)**

Remarks: Records are known near the border with Brazil next to the department of Santa Cruz, according to a map in Ribeiro-Júnior & Amaral (2016b).



***Dipsas mikanii* Schlegel, 1837**

Remarks: Records are known near the border with Brazil next to the department of Santa Cruz, according to a map in Nogueira *et al.* (2019a).

***Dipsas ventrimaculata* (Boulenger, 1885)**

Remarks: Records are known near the border with Brazil next to the department of Santa Cruz, according to a map in Nogueira *et al.* (2019a).

***Epictia vellardi* (Laurent, 1984)**

Remarks: Records are known near the border with Brazil next to the department of Santa Cruz, according to a map in Nogueira *et al.* (2019a).

***Erythrolamprus frenatus* (Werner, 1909)**

Remarks: Records are known near the border with Brazil next to the department of Santa Cruz, according to a map in Nogueira *et al.* (2019a).

***Hydrops caesurus* Scrocchi, Ferreira, Giraudo, Avila & Motte, 2005**

Remarks: Records are known near the border with Brazil next to the department of Santa Cruz, according to a map in Nogueira *et al.* (2019a).

***Hydrops martii* (Wagler in Spix, 1824)**

Remarks: Records are known near the border with Brazil next to the department of Pando, according to a map in Nogueira *et al.* (2019a).

***Liolaemus hajeki* Núñez, Pincheira-Donoso & Garín, 2004**

Remarks: Records are known near the border with Chile next to the department of Potosí, according to Langstroth (2021).

***Liolaemus multicolor* Koslowsky, 1898**

Remarks: Records are known near the border with Argentina next to the departments of Potosí and Tarija, according to Langstroth (2021).

***Liotyphlops beui* (Amaral, 1924)**

Remarks: Records are known near the border with Brazil next to the department of Santa Cruz, according to a map in Nogueira *et al.* (2019a).

***Loxopholis osvaldoi* (Ávila-Pires, 1995)**

Remarks: Records are known near the border with Brazil next to the departments of Beni, Pando and Santa Cruz, according to a map in Ribeiro-Júnior & Amaral (2016b).

***Micrurus albicinctus* Amaral, 1925**

Remarks: Records are known near the border with Brazil next to the departments of Beni and Pando, according to a map in Nogueira *et al.* (2019a).

***Micrurus tricolor* Hoge, 1957**

Remarks: Records are known near the border with Brazil and Paraguay next to the department of Santa Cruz, according to a map in Nogueira *et al.* (2019a).

***Ninia hudsoni* Parker, 1940**

Remarks: Records are known near the border with Brazil next to the departments of Pando, according to a map in Catenazzi *et al.* (2019d).

***Paraphimophis rusticus* (Cope, 1878)**

Remarks: Records are known near the border with Argentina next to the department of Tarija, according to a map in Nogueira *et al.* (2019a).

***Phalotris matogrossensis* Lema, D'Agostini & Cappelari, 2005**

Remarks: Records are known near the border with Brazil next to the department of Santa Cruz, according to a map in Nogueira *et al.* (2019a).

***Phimophis guerini* (Duméril, Bibron & Duméril, 1854)**

Remarks: Records are known near the border with Brazil next to the department of Santa Cruz, according to a map in Nogueira *et al.* (2019a).

***Rondonops biscutatus* Colli, Hoogmoed, Cannatella, Cassimiro, Gomes, Ghellere, Nunes, Pellegrino, Salerno, Souza & Rodrigues, 2015**

Remarks: Records are known near the border with Brazil next to the departments of Beni and Santa Cruz, according to a map in Ribeiro-Júnior & Amaral (2016b).

***Thamnodynastes hypoconia* (Cope, 1860)**

Remarks: Records are known near the border with Brazil and Paraguay next to the department of Santa Cruz, according to a map in Nogueira *et al.* (2019a).

***Trilepida brasiliensis* (Laurent, 1949)**

Remarks: Records are known near the border with Brazil next to the department of Santa Cruz, according to a map in Nogueira *et al.* (2019a).

***Tropidurus oreadicus* Rodrigues, 1987**

Remarks: Records are known near the border with Brazil next to the department of Beni, according to a map in Ribeiro-Júnior (2015a).

***Xenodon matogrossensis* (Scrocchi & Cruz, 1993)**

Remarks: Records are known near the border with Brazil next to the department of Santa Cruz, according to a map in Nogueira *et al.* (2019a).

Species mistakenly Recorded from Bolivia

***Alopoglossus angulatus* (Linnaeus, 1758)**

Remarks: Not in Bolivia, specimens from Pando are actually *Alopoglossus avilapiresae* and specimens from La Paz are actually *Alopoglossus andeanus*, according to Ribeiro-Junior *et al.* (2020).

***Ameivula ocellifera* (Spix, 1825)**

Remarks: Not in Bolivia, specimens from Bolivia are actually *Ameivula abalosi*, according to Cabrera

(2012); Arzamendia *et al.* (2016).

***Amphisbaena darwinii* Duméril & Bibron, 1839**

Remarks: Not in Bolivia, specimens from Bolivia are actually *Amphisbaena heterozonata*, according to Teixeira *et al.* (2014).

***Amphisbaena fuliginosa* Linnaeus, 1758**

Remarks: Not in Bolivia, specimens from Bolivia are actually *Amphisbaena bassleri*, according to Gans (2005).

***Anolis scapularis* Boulenger, 1908**

Remarks: Not in Bolivia, specimens from Bolivia are actually *Anolis fuscoauratus*, following Uetz *et al.* (2022).

***Apostolepis ambiniger* (Peters, 1869)**

Remarks: Not in Bolivia, according to Entiauspene Neto *et al.* (2021).

***Arthrosaura reticulata* (O'Shaughnessy, 1881)**

Remarks: Not in Bolivia, according to Uetz *et al.*, (2020); GBIF (2020).

***Atractus occipitoalbus* (Jan, 1862)**

Remarks: Not in Bolivia, specimens from Bolivia are actually *Atractus emmeli*, according to Passos *et al.* (2019).

***Bothrops brazili* Hoge, 1954**

Remarks: Not in Bolivia (no confirmed records), according to Harvey *et al.* (2005).

***Bothrops jararacussu* Lacerda, 1884**

Remarks: Not in Bolivia (no confirmed records), according to Harvey *et al.* (2005).

***Cercosaura ocellata* Wagler, 1830**

Remarks: Not in Bolivia, according to Cacciali (2016); Sturaro *et al.* (2018).

***Erythrolamprus breviceps* (Cope, 1860)**

Remarks: Not Recorded in Bolivia, according to Fernandes *et al.*, (2002); Nogueira *et al.* (2019).

***Leptophis ahaetulla* (Linnaeus, 1758)**

Remarks: Not in Bolivia, according to Albuquerque & Fernandes (2022).

***Mesoclemmys nasuta* (Schweigger, 1812)**

Remarks: Not in Bolivia, specimens from Bolivia are actually *Mesoclemmys wermuthi*, according to TTWG (2021).

***Micrurus annellatus* (Peters, 1871)**

Remarks: Not in Bolivia, specimens from Bolivia are actually *Micrurus bolivianus*, according to Silva-Jr. (2021); Uetz *et al.* (2022).

***Micrurus hemprichii* (Jan, 1858)**

Remarks: Not in Bolivia, specimens from Bolivia are actually *Micrurus ortonii*, according to Bernarde (2018).

***Oxyrhopus trigeminus* Duméril, Bibron & Duméril, 1854**

Remarks: Not in Bolivia, specimens from Bolivia are actually *Oxyrhopus guibei*, according to Zaher & Caramaschi (1992).

***Phalotris lemniscatus* (Duméril, Bibron & Duméril, 1854)**

Remarks: Not in Bolivia, according to Nogueira *et al.* (2019).

***Phrynops tuberosus* (Peters, 1870)**

Remarks: Not in Bolivia, according to TTWG (2017).

***Phyllopezus goyazensis* (Peters, 1887)**

Remarks: Not in Bolivia, according to Cacciali *et al.* (2018). Specimens from Bolivia are actually *Phyllopezus przewalskii*.

***Stenocercus aculeatus* (O'Shaughnessy, 1879)**

Remarks: Not in Bolivia, specimens from Bolivia are actually *Stenocercus fimbriatus*, according to Torres-Carvajal (2007); Torres-Carvajal & Carvajal-Campos (2009).

***Stenocercus variabilis* Boulenger, 1901**

Remarks: Not in Bolivia, according to Torres-Carvajal (2007).

***Taeniophallus brevirostris* (Peters, 1863)**

Remarks: Not in Bolivia (no confirmed record), according to Caicedo *et al.* (2019b).

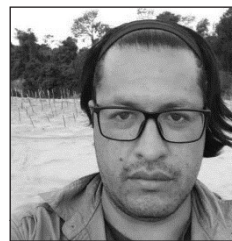
***Thecadactylus rapicauda* (Houttuyn, 1782)**

Remarks: Not in Bolivia, specimens from Bolivia are actually *Thecadactylus solimoensis*, according to Bergmann & Russell (2007).

***Tropidurus torquatus* (Wied-Neuwied, 1820)**

Remarks: Not in Bolivia, according to Kunz & Borges-Martins (2013) and Abdala *et al.* (2019c).

Dedication



In this project we tragically lost our friend and colleague, co-author Dennis E. Lizarro (02 May 1985 - 11 December 2021).

He was a big figure in the field of biology and conservation, and we owe him an enormous debt of gratitude for all he has done to help us in this work on reptiles of Bolivia, and for helping to inspire all of us to work passionately for the conservation and protection of nature.

James Aparicio E. (1967-2023). Bolivian bio-



logist born in La Paz, where he obtained his professional degree and dedicated his entire life to the study of herpetology. He served as CEO of the Red de Investigadores en Herpetología-Bolivia (RIHB), vice president of the Asociación Boliviana de Herpetología (ABH), belonged to the IUCN Crocodile Specialist Group, and the IUCN World Commission on Protected Areas. For 25 years, he was the Curator of the Herpetology Area at the Colección Boliviana de Fauna (CBF), where he made significant contributions to the knowledge of diversity in this group. He expanded the collection with over 11,000 specimens, encompassing about 230 amphibian species and 258 reptile species, representing approximately 75% of Bolivia's herpetological diversity. He mentored numerous students not only in biology but also in veterinary medicine, computer science, and even law, helping them see the connection between herpetology and their respective fields. In addition to supervising internships, he guided undergraduate, master's, and even doctoral theses. He shared his knowledge through numerous scientific publications, books, book chapters, guides, notes, and many others. We consider him one of the finest herpetologists ever to emerge from Bolivia, and his loss was not only deeply felt emotionally but also represented a loss of an outstanding professional.

We dedicate this work to Dennis E. Lizarro and James Aparicio E.

Acknowledgements

Our sincere thanks to all those who have contributed with photographs and data: Daniel Alarcón; Gabriel Callapa; Oscar Carrillo; Dirk Embert; Raúl León; Beatriz Nieto Ariza; Alejandro Ochoa; Anders Rhodin; Andrés L. Rodríguez-Cordero; Radamir Sevillanos and Huber Villca. We would also like to thank all those who responded to our questions, as well as the museums and collections that allowed us to examine their data and specimens: Museo

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Appendix I: Museum Abbreviations (Collection codes)

- ANSP: Academy of Natural Sciences, Department of Herpetology, Philadelphia, Pennsylvania, USA.
- AMNH: American Museum of Natural History, Division of Vertebrate Zoology (Herpetology), New York, USA.
- BMNH: Natural History Museum, London, England.
- CAS: California Academy of Sciences, Department of Herpetology, San Francisco, California, USA.
- CBF: Colección Boliviana de Fauna, Herpetología, La Paz, Bolivia.
- CM: Carnegie Museum, Department of Herpetology, Pittsburgh, Pennsylvania, USA.
- CNAR: Colección Nacional de Anfibios y Reptiles (UNAM), México.

- DZSJRP: División de Herpetología, Museo Ecuatoriano de Ciencias Naturales, Quito, Ecuador.
EBD: Estación Biológica de Doñana, Sevilla, Spain.
FML: Fundación Miguel Lillo, Tucumán, Argentina.
FMNH: Field Museum, Division of Amphibians and Reptiles, Chicago, Illinois, USA.
IAV: Instituto de Animales Venenosos "Dr. Jorge W. Abaloz", Santiago del Estero, Argentina.
IBSP: Instituto Butantan, São Paulo, Brazil.
INPA: Instituto Nacional de Pesquisas da Amazonia, Manaus, Brazil.
KU: University of Kansas, Museum of Natural History, Division of Herpetology, Lawrence, Kansas, USA.
MNH: Natural History Museum, London, England.
MACN: Museo Argentino de Ciencias Naturales "Bernardino Rivadavia", Sección Herpetología, Buenos Aires, Argentina.
MBUCV: Centro Museo de Biología de la Universidad Central de Venezuela.
MCP: Museu de Ciências e Tecnologia da PUCRS, Porto Alegre, Brazil.
MCZ: Museum of Comparative Zoology, Harvard University, Cambridge, Massachusetts, USA.
MHNAD: Museo de Historia Natural de Cochabamba "Alcide d'Orbigny", Cochabamba, Bolivia.
MHNG: Muséum d'Histoire Naturelle, Geneva, Switzerland.
MHNN: Muséum d'histoire naturelle de Neuchâtel, Switzerland.
MLP: Museo La Plata, Collection Herpetología, La Plata, Argentina.
MLUH: Museum der Martin Luther Universität, Halle, Germany.
MNHN: Museum National d'Histoire Naturelle, Laboratoire des Amphibiens et Reptiles, Paris, France.
MNHNC: Museo Nacional de Historia Natural de Chile, Santiago, Chile.
MNHNP: Museum National d'Histoire Naturelle, Laboratoire des Amphibiens et Reptiles, Paris, France.
MNK: Museo de Historia Natural "Noel Kempff Mercado", Santa Cruz de la Sierra, Bolivia.
MPEG: Museu Paraense Emilio Goeldi, Belém, Brazil.
MRSN: Museo Regionale di Scienze Naturali, Torino, Italy.
MSNM: Museo Civico di Storia Naturale di Milano, Milano, Italy.
MZUC: Museo de Zoología, Universidad de Concepción, Chile.
MZUF: Florence University Zoology Museum, Italy.
MZUSP: Universidade de São Paulo, Museu de Zoologia, São Paulo, Brazil.
NHRM: Naturhistoriska Rijksmuseet, Section for Vertebrate Zoology, Stockholm, Sweden.
NKR: Museo de Historia Natural "Noel Kempff Mercado", Santa Cruz de la Sierra, Bolivia.
NMBA: Naturhistorisches Museum der Benediktiner-Abtei, Basel, Switzerland.
NMW: Naturhistorisches Museum Wien, Vienna, Austria.
NRM: Naturhistoriska Rijksmuseet, Switzerland.
NRS: Royal Museum Stockholm, Sweden.
QCAZ: Museo de Zoología, Pontificia Universidad Católica del Ecuador, Quito, Ecuador.
RMNH: Naturalis Biodiversity Center, Netherlands.
SMF: Forschungsinstitut und Natur-Museum Senckenberg, Germany.
TCWC: Texas Cooperative Wildlife Collection, Department of Wildlife Science, Texas A&M University, Texas, USA.
ULABG: Universidad de los Andes, Departamento de Geografía, Mérida, Venezuela.
UMMZ: University of Michigan, Museum of Zoology, Michigan, USA.
UNNE: Facultad de Ciencias Exactas y Naturales y Agrimensura, Universidad Nacional del Nordeste, Corrientes, Argentina.
UUZM: Uppsala Universitet, Zoologiska Museum, Uppsala, Sweden.
USNM: National Museum of Natural History, Division of Amphibians and Reptiles, Washington, D.C., USA.
UTA: University of Texas at Arlington, Department of Biological Sciences, Arlington, Texas, USA.
ZFMK: Zoologisches Forschungsinstitut und Museum Alexander Koenig, Herpetologische Abteilung, Germany.
ZMB: Universität Humboldt, Zoologisches Museum, Berlin, Germany.
ZMH: Zoological Museum Hamburg, Germany.
ZMUC: Universitets København, Zoologisk Museum, København, Denmark.
ZMUU: Zoological Museum, Uppsala University, Sweden.
ZSM: Zoologische Staatssammlung München, Germany.