

THE LIZARDS AND AMPHISBAENIANS OF BOLIVIA (REPTILIA, SQUAMATA): CHECKLIST, LOCALITIES, AND BIBLIOGRAPHY

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ABSTRACT

The number of Bolivian lizards and amphisbaenids is increased from 79 (Fugler, 1989) to 102 in this updated and comprehensive list, which includes all new species and taxonomic changes published recently, as well as locality data. Coordinates for the localities are provided in a locality list. Three species are reported herein for the first time: *Kentropyx pelviceps*, *Liolaemus schmidti*, and *Uranoscodon superciliosus*.

Key words: Saurians, Amphisbaenians, distribution, bibliography, Bolivia.

RESUMEN

Los saurios y anfisbénidos de Bolivia (Reptilia, Squamata): lista patrón, localidades y bibliografía

El número de saurios y anfisbénidos conocidos en Bolivia se incrementa de 79 especies (Fugler, 1989) a 102 en la presente lista actualizada, que incorpora todas las especies nuevas, los cambios taxonómicos recientes y todas las localidades de colecta conocidas con sus coordenadas. Tres especies son citadas para Bolivia por primera vez en este trabajo: *Kentropyx pelviceps*, *Liolaemus schmidti* y *Uranoscodon superciliosus*.

Palabras clave: Saurios, Anfisbénidos, distribución, bibliografía, Bolivia.

Introduction

Bolivia lies in the middle of South America, between the high Andes in the West, the hot and wet Amazonia in the North and the dry Chaco in the South. These conditions account for a large variety of different microclimates and ecosystems with their particular flora and fauna. The biological diversity of Bolivia is still poorly known, even at a lesser extent than that of other South American countries. This fact affects not only to invertebrates but to vertebrates as well. Among these, there is a remarkable lack of information on reptiles, especially Squamata. Fugler (1989) presented a preliminar checklist of lizards and

amphisbaenians, in which he reported 79 species. As a result of our own investigations in Bolivia, research in museum collections (through direct examination of specimens and critical evaluation of collection catalogues) and an extensive literature work, we can now increase substantially the number of species of Bolivian lizards and amphisbaenians. In this paper we present an updated list of the lizards and amphisbaenians of Bolivia, the localities where they are known, and a comprehensive bibliography on this topic. Probably, several references containing additional localities might have been overlooked, but, overall, we hope this list is a useful tool for anybody interested in Bolivian herpetology.

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Material and methods

All data are based on published records or voucher specimens. No records from field observations are given unless specimens were collected. If we did not examine the specimens but based our work on a museum collection catalogue, we only accepted localities as valid if they are near to other localities known for the species considered, or at least they fall in the same general type of ecosystem. We did not include new species for Bolivia based solely on collection catalogues if we have any doubt about their determination or locality. The locality data from museum unpublished catalogues were some times hand-written and often the data are vague, misspelled and usually coordinates are missing. Obvious misspellings were corrected. Localities too imprecise (i. e., “Alto Beni”, “Los Yungas”, “Province Sara”, “Cordillera Tres Cruces”, “Altiplano”, etc.) usually are not listed in the gazeteer (Appendix 1); those that could not be found are indicated by an asterisk (*). Usually, coordinates given as kilometric distances from a given point (i. e., a river mouth or town) are not provided. Instead, we provide coordinates of the locality of reference. Fig. 1 shows the situation of Bolivia in the continent and its political divisions.

We used the name Río Iténez instead Río Guaporé for the river on the Bolivian and Brazil boundary. Both names are equally found in literature and maps.

The species are sorted within the genus by alphabetical order and the genus in the same way within families. We follow the arrangement proposed by Frost & Etheridge (1989) for the old family Iguanidae. In agreement with Avila-Pires (1995), we do not follow the arrangement proposed by Guyer & Savage (1986, *Syst. Zool.*, 35: 509-531) for anoles.

Geographic records are listed by Bolivian departments (underlined), which are arranged in alphabetic order. A citation consists of a locality and its source (an author or a museum acronym), separated by a comma, and it is finished by a point. The citations are arranged by chronological order when they come from published data and by alphabetical order of museum acronyms when they come from collections. A semicolon is between localities, if more than one locality is cited from the same source. We used a comma if the locality is briefly described (i. e., San Antonio, Río Mapiri). Citations have been translated if they were originally in a language other than English and included more or less long sentences.



Fig. 1.— Map of Bolivia showing the nine departments and their capitals.

Fig. 1.— Mapa de Bolivia donde se indican los nueve departamentos y sus capitales.

Published data for a given department are reported first, followed by museum data. When for a species more than one record was found for the same locality (for example, both in the literature and museum collections), we used it only once. In this case, we always preferred to give credit to an author rather than using museum information. Likewise, in the case that a record was provided both in an unpublished thesis or report and in a publication irrespective of which document was the oldest. When more than one author provided the same record, we gave preference to the oldest publication. Only the first acronym museum in alphabetical order is used in the case of having the same data from more than one museum. We have tracked the history of taxonomic changes of the species and subspecies considered herein, but we do not offer lists of synonyms to avoid making this paper extremely long. Thus, it can appear a citation in which the species and the authorship are different from those of the original citation. For example, Peracca (1897) cited *Amphisbaena camura* Cope at Caiza;

this population is presently considered as belonging to the species *A. bolivica* Mertens. Thus, the record of *A. bolivica* at Caiza is herein credited to Peracca, despite of the fact that in Peracca's publication, the name *A. bolivica* does not appear. Likewise, if the name of a locality changed through time, we have used the current name.

Bibliographic references listed at the end of this paper intend to be exhaustive and not limited to those cited in the main text. References containing the original descriptions of all the species considered are included, as well as references dealing with Bolivian saurians but providing no locality data.

Museum acronyms follow Leviton *et al.*, (1985, Copeia 1985: 802-832). Other institutions not reported therein are:

CBS- Colección Boliviana de Fauna (before: IE- Instituto de Ecología plus Museo Nacional de Historia Natural), La Paz, Bolivia
 CET- Centro de Estudios Tropicales, Sevilla, Spain
 MNK- Museo de Historia Natural "Noel Kempff Mercado", Santa Cruz de la Sierra, Bolivia

Abbreviations used: Dpto.= departamento (department); N= North; E= East; S= South; W= West; ca.= circa; Cd= Ciudad (city); ft= feet; km= kilometers; m= meters; mi= miles.

The amphisbaenians and lizards of Bolivia

AMPHISBAENIDAE

Amphisbaena alba Linnaeus, 1758

Beni: Río Mamoré (Cope, 1862a). Guayaramerín (Fugler, 1984). La Paz: Upper Río Beni (Cope, 1885). Santa Cruz: Province Sara (Griffin, 1917). Esperanza (Procter, 1921). 2 km from Concepción on San Ignacio road, CET. Santiago, FMNH. Santa Cruz de la Sierra, MNK. Buena Vista; Río Surutú, UMMZ. Airport Viru Viru, ZFMK. Tarija: Villa Montes, ZFMK.

Amphisbaena angustifrons Cope, 1861

Beni: San Joaquín, FMNH. Cochabamba: Río Ichilo, ca. 54 km S Boca Chapare, AMNH. Tarija: Upper Río Pilcomayo (Parker, 1928a). Ca. Villa Montes (Hellmich, 1960).

Amphisbaena bolivica Mertens, 1929

Beni: Riberalta (Montero, 1996). Estancia El Porvenir, ZFMK. Santa Cruz: Buenavista (Gans, 1965). Tarija: Caiza (Peracca, 1897). Villa Montes (Mertens, 1929).

Amphisbaena camura Cope, 1862

Beni: "Headwaters of the Amazon river, Bolivia" (Werner, 1910). San Joaquín, FMNH. Magdalena, USNM. El Porvenir,

ZFMK. Santa Cruz: San José de Chiquitos (Gans, 1960). Buena Vista (Hellmich, 1960). Santa Cruz de la Sierra (Gans, 1965). Parque Nacional Amboró (Lavilla *et al.*, 1996). Pampa Grande (Montero, 1996). Tarija: Caiza; Villa Montes (Hellmich, 1960).

Amphisbaena cegei Montero, Sáfadez & Álvarez, 1997

Santa Cruz: Pampa Grande (Montero *et al.*, 1997).

Amphisbaena darwini Duméril & Bibron, 1839

La Paz: Sorata (Boettger, 1891). San Antonio, Río Mapiri (Werner, 1910). Tarija: Caiza (Peracca, 1897).

Amphisbaena fuliginosa Linnaeus, 1758

Chuquisaca: Charobamba (Rhodes, 1963). Cochabamba: Villa Tunari, MNK. La Paz: Sorata (Boettger, 1891). Los Yungas; Tipuani (Rhodes, 1963). Santa Cruz: Puerto Almacén (De la Riva, 1993). Campamento, Río San Martín (Montero *et al.*, 1995). Los Fierros (Scrocchi & Gonzáles, 1996).

Amphisbaena silvestrii Boulenger, 1902

Santa Cruz: Buena Vista (Gans, 1964).

Amphisbaena slateri Boulenger, 1907

La Paz: Pelecnes (= Pelechuco), NE Titikaka Lake; San Antonio, Río Mapiri (Gans, 1967).

Amphisbaena vermicularis Wagler, 1824

Santa Cruz: San Ignacio de Velasco (Hellmich, 1960). Tarija: Villa Montes, ZFMK.

Cercolophia borelli (Peracca, 1897)

Santa Cruz: Finca de Milanos; Santa Cruz de la Sierra (Montero *et al.*, 1995). Cupesí (Gonzáles, 1998). Tarija: Caiza (Peracca, 1897).

Cercolophia steindachneri (Strauch, 1883)

Santa Cruz: Puerto Almacén (De la Riva, 1993). El Refugio (Harvey, 1995).

Leposternon microcephalum Wagler, 1824

Cochabamba: Villa Tunari, KU. Santa Cruz: Province Sara (Griffin, 1917). Buena Vista (Fugler, 1989). Parque Nacional Amboró; Yapacaní (Lavilla *et al.*, 1996). Río Surutú, UMMZ.

ANGUIDAE

Diploglossus fasciatus (Gray, 1831)

Beni: Cachuela Esperanza, AMNH. La Paz: Sorata (Boettger, 1891). Confluence of the Río Kaka and the Río Beni (Barbour, 1909). Alto Beni, ANSP.

Ophiodes intermedius Boulenger, 1894

Beni: Rancho "San Marcos", in the confluence of the Isiboro and Ichoa rivers (Fugler, 1989). Cochabamba:

Cochabamba (Werner, 1910). Santa Cruz: El Fuerte (Dirksen *et al.*, 1995). Pampas Unión (Montero *et al.*, 1995). Vallegrande, MNK.

Ophiodes yacupoi Gallardo, 1966

Santa Cruz: Guadalupe (Montero *et al.*, 1995).

GEKKONIDAE

Gonatodes hasemani Griffin, 1917

Beni: Villa Bella (Griffin, 1917). Tumi Chucua (Fugler, 1983). Ivon, AMNH. Pando: Ingavi, on N bank of Río Orthon; San Juan del Nuevo Mundo, USNM.

Gonatodes humeralis Guichenot, 1855

Beni: Villa Bella (Griffin, 1917). Tumi Chucua (Fugler, 1983). Ivon, AMNH. Pando: Abuná (Schmidt & Inger, 1951). Ingavi, on N bank of Río Orthon, USNM. Santa Cruz: Puerto Almacén (Montero *et al.*, 1995). Parque Nacional Noel Kempff Mercado (Harvey *et al.*, 1998). San José de Chiquitos, ZFMK.

Hemidactylus mabouia (Moreau de Jonnés, 1818)

Beni: Río Mamoré (Kluge, 1969). Guayaramerín (Fugler, 1984). Pando: Cobija (Fugler, 1984). 25 km S of Cobija (Fugler, 1988a). Santa Cruz: Concepción (Dirksen, 1995). Pampa Grande; Samaipata (Lavilla *et al.*, 1996). Flor de Oro (Scrocchi & Gonzáles, 1996). Santa Cruz de la Sierra, CET.

Homonota dorbignyi (Duméril & Bibron, 1836)

Chuquisaca: “Along Río Grande at Pampa Ruiz (between Valle Grande and Pescado)” (DUMÉRIL & BIBRON, 1836).

Homonota fasciata (Duméril & Bibron, 1836)

Cochabamba: Dpto. Cochabamba, UMMZ. Santa Cruz: Huasacañada (Montero *et al.*, 1995). Pampa Grande (Lavilla *et al.*, 1996). Cerro Colorado; La Madre; Yapiroa (Gonzáles, 1998). San José de Chiquitos, AMNH. Tarija: Aguiarenda; Caiza (Peracca, 1897). Villa Montes (Mertens, 1929). Andes of Catamarca (Hellmich, 1960).

Lygodactylus wetzeli Smith, Martin & Swain, 1977

Santa Cruz: Cerro Colorado; Cupesí; Tierras Nuevas (Gonzáles, 1998). Charagua, AMNH. Tarija: ca. Villa Montes (Fugler, 1989).

Phyllopezus goyazensis Peters, 1887

Santa Cruz: Puerto Suárez (Griffin, 1917). Tarija: San Francisco (=Villa Montes) (Peracca, 1897).

Phyllopezus pollicaris (Spix, 1825)

Santa Cruz: Puerto Suárez (Griffin, 1917). El Carmen; El Portón; 3 km S of Roboré; San José de Chiquitos (Gans, 1960). Buena Vista; San Ramón, N of San José de Chiquitos (Hellmich, 1960). Inselberg (Dirksen, 1995). Parque Nacional Amboró (Lavilla *et al.*, 1996). Cerro Colorado; Cupesí; La

Madre; Tierras Nuevas; Yapiroa (Gonzáles, 1998). San José de Chiquitos, AMNH. Santa Cruz, CAS. Santiago, FMNH. Tarija: Villa Montes (Hellmich, 1960).

Thecadactylus rapicauda (Houttuyn, 1782)

Beni: Tumi Chucua (Fugler, 1983). Río Quiquibey (Fugler, 1984). Río Yata (on road from Guayaramerín to Cachuela Esperanza), AMNH. La Paz: Tumupassa, AMNH. Pando: Abuná (Schmidt & Inger, 1951). 25 km S of Cobija (Fugler, 1984). Río Madre de Dios, ZMH.

GYMNOPHTHALMIDAE

Bachia dorbignyi (Duméril & Bibron, 1839)

Beni: Reyes (Boulenger, 1898). Estancia El Porvenir (De la Riva *et al.*, 1992). Río Curiraba, Beni Biosphere Reserve, USNM. Cochabamba: Villa Tunari, KU. La Paz: Barraca, Río Madidi; Misiones Mosetenes (Boulenger, 1898). Tumupassa (Burt & Burt, 1931). Pando: Reserva Nacional Amazónica Manuripi-Heath (Aparicio, 1992). Santa Cruz: Santa Cruz de la Sierra (Duméril & Bibron, 1839). Las Juntas (Griffin, 1917). Esperanza (Procter, 1921). Buena Vista (Parker, 1928b). Río Surutú (Dixon, 1973). San Pablo (Dirksen, 1995). Parque Nacional Amboró (Lavilla *et al.*, 1996). Yapiroa (Gonzáles, 1998). Lomas de Arena, CET.

Cercosaura ocellata Wagler, 1830

La Paz: Tumupassa (Ruibal, 1952). Pando: Reserva Nacional Amazónica Manuripi-Heath (Aparicio, 1992). Santa Cruz: Province Sara (Griffin, 1917). Río Surutú (Ruibal, 1952). Buena Vista; Parque Nacional Amboró; San Juan del Potrero (Lavilla *et al.*, 1996).

Iphisa elegans Gray, 1851

Cochabamba: Dpto. Cochabamba (Dixon, 1974). Puerto San Mateo (Avila-Pires, 1995). Santa Cruz: Parque Nacional Noel Kempff Mercado (Harvey *et al.*, 1998).

Micrablepharus maximiliani Reinhardt & Lütken, 1862

Santa Cruz: Cerro Colorado (Gonzáles, 1998).

Neusticurus ecleopus Cope, 1876

Bolivia: Río Beni (Werner, 1910). La Paz: Misiones Mosetenes (Boulenger, 1898). “Yungas, ca. 1000-1800 m (sic), Río Suapi and Songo” (Werner, 1910). 1.6 km W of Puerto Linares (Fugler, 1984). Ca. 40 km from Caranavi to Beni, Serranía Bellavista, CET. Santa Cruz: Río Saguayo, Parque Nacional Amboró (Montero *et al.*, 1995). Buena Vista; Parque Nacional Amboró (Lavilla *et al.*, 1996).

Neusticurus ocellatus Sinitsin, 1930

Beni: Rurrenabaque (Sinitsin, 1930).

Opipenter xestus Uzzell, 1969

Chuquisaca: El Palmar (Harvey, 1997). Cochabamba: Incachaca; Locotal; Monte Punco; Paracti; Yungas de

Cochabamba; Yungas del Palmar (Uzzell, 1969). Sehuencas (Köhler *et al.*, 1995). La Siberia; Río Chua Khocha, CET; Tablasmontes, MNK. Tucachaca, UMMZ. Santa Cruz: Remates, N of San Juan del Potrero, ZFMK.

Pantodactylus schreibersii (Wiegmann, 1834)

Beni: Rurrenabaque (Ruibal, 1952). Estación Biológica Beni; Rancho "San Marcos", in the confluence of the Río Isiboro and Río Ichoa (Fugler, 1989). Guayaramerín; Santa Rosa, AMNH. San Joaquín, FMNH. Chuquisaca: El Palmar (Harvey, 1997). Cochabamba: Boca Chapare; 4 km S Boca Chapare; 54 km S Boca Chapare, AMNH. La Paz: Chulumani; Coroico (Boulenger, 1898). Ixiamas; Tumupassa (Ruibal, 1952). 15 km before Chulumani; ca. 1 mi W of Puerto Linares; Yanacachi, USNM. Santa Cruz: Buena Vista (Burt & Burt, 1931). El Fuerte (Dirksen *et al.*, 1995). El Refugio (Harvey, 1995). Pampa Grande; Parque Nacional Amboró (Lavilla *et al.*, 1996). Samaipata, CET. Santa Cruz de la Sierra, MNK. Río Surutú, UMMZ. Tarija: Caiza; San Francisco (Peracca, 1897). San Francisco, Upper Pilcomayo River (Hellmich, 1960). Sunchal (Fugler, 1989).

Prionodactylus argulus (Peters, 1862)

Cochabamba: Monterredondo (Uzzell, 1973). La Paz: San Fermín (Andersson, 1914). Santa Cruz: Buena Vista (Uzzell, 1973). Parque Nacional Amboró (Lavilla *et al.*, 1996).

Prionodactylus eigenmanni Griffin, 1917

Beni: Rancho Espiritu, Río Yacuma; Rurrenabaque (Uzzell, 1973). Pando: San Juan del Nuevo Mundo, USNM. Santa Cruz: Province Sara (Griffin, 1917). Perseverancia (Hoogmoed & Vaca, 1990). Buena Vista (Avila-Pires, 1995). Parque Nacional Amboró (Lavilla *et al.*, 1996).

Prionodactylus manicatus (O'Shaughnessy, 1881)

Beni: Rancho San Marcos, in the confluence of the Isiboro and Ichoa rivers, (Fugler, 1989). Cochabamba: Yungas de Cochabamba (2200 m), UMMZ. La Paz: Chaco (Werner, 1899).

Proctoporus bolivianus Werner, 1910

La Paz: Sorata (Werner, 1910). Pelechuco (Andersson, 1914).

Proctoporus guentheri (Boettger, 1891)

Cochabamba: Cochabamba, 2516 m; Yungas del Palmar (Uzzell, 1970). La Paz: Sorata (Boettger, 1891). Calabatea (Emmons, 1991). Santa Cruz: El Fuerte (Dirksen *et al.*, 1995).

Ptychoglossus brevifrontalis Boulenger, 1912

Cochabamba: Cochabamba Valley (Harris, 1994).

Vanzosaura rubricauda (Boulenger, 1902)

Beni: Dpto. Beni (Werner, 1910). Cochabamba: Dpto. Cochabamba, UMMZ. Santa Cruz: Cerro Colorado (González, 1998). San Antonio de Parapetí, AMNH. Tarija: Villa Montes (Hellmich, 1960).

HOPLOCERCIDAE

Enyalioides palpebralis (Boulenger, 1883)

Bolivia: NW Bolivia (Avila-Pires, 1995).

Hoplocercus spinosus Fitzinger, 1843

Santa Cruz: El Refugio (Harvey, 1995). 10 km S of Colonia San Martín (Scrocchi & Gonzáles, 1996).

IGUANIDAE

Iguana iguana (Linnaeus, 1758)

Beni: Tumi Chucua (Fugler, 1985). Arroyo Grande; 8 km N of Exaltación; Guayaramerín; 20 km W of La Rangeira; Puerto Cap. Vázquez; Puerto Moré; Río Mamoré (12°59' S); Santa Fé, Río Iténez, AMNH. Riberalta, UMMZ. Pando: Abuná (Schmidt & Inger, 1951). Reserva Nacional Amazónica Manuripi-Heath (Aparicio, 1992). Santa Cruz: Florida (De la Riva *et al.*, 1992). Flor de Oro (Scrocchi & Gonzáles, 1996).

POLYCHROTIDAE

Anolis fuscoauratus D'Orbigny, 1837

Beni: Río Mamoré, between Loreto and the mouth of Río Sara (D'Orbigny, 1847). "Province of Moxos" (Bocourt, 1873). Estación Biológica Beni (Fugler, 1989). Río Mamoré, 10 km E of San Antonio; Santa Rosa, AMNH. Cochabamba: 40 km from Villa Tunari to Cochabamba, CET. Valle de Sajta, MNK. Locotal; Yungas de Cochabamba, UMMZ. La Paz: Sorata (Boettger, 1891). Ca. 1.6 km W of Puerto Linares (Fugler, 1984). Mapiri, AMNH. Santa Cruz: Buena Vista (Barbour, 1934). Parque Nacional Amboró (Lavilla *et al.*, 1996). 2 km N of Boca Chapare, AMNH. Río Surutú, UMMZ.

Anolis meridionalis Boettger, 1885

Beni: Estancia Yutirole, 20 km S of San Joaquín; 23 km W of San Javier; 10 km W of San Pedro, AMNH. Santa Cruz: Province Sara (Griffin, 1917). Buena Vista (Barbour, 1934). Parque Nacional Amboró (Lavilla *et al.*, 1996). Río Surutú, UMMZ.

Anolis ortonii Cope, 1868

Beni: Tumi Chucua (Fugler, 1983). La Paz: Chulumani; Coroico (Boulenger, 1898).

Anolis punctatus Daudin, 1802

Beni: Rurrenabaque; Santa Rosa, Río Mamoré (Fugler, 1988b). La Paz: Río Chimate (Fugler, 1988b). Pando: ca. 12 km by road S of Cobija and 8 km from Mucden (Fugler, 1988b). Santa Cruz: Dpto. Santa Cruz de la Sierra (Griffin, 1917). Buena Vista (Fugler, 1988b). Puerto Almacén (De la Riva, 1993). Parque Nacional Amboró (Lavilla *et al.*, 1996).

Anolis scapularis Boulenger, 1908

Santa Cruz: Province Sara (Boulenger, 1908). Parque Nacional Amboró (Lavilla *et al.*, 1996).

***Polychrus acutirostris* Spix, 1825**

Beni: Rancho San Marcos, in the confluence of the Isiboro and Ichoa rivers (Fugler, 1989). Estancia Edén, 25 km SW of San Joaquín; Estancia Yutiolo, 20 km S of San Joaquín; Trinidad, AMNH. **Chuquisaca:** El Salvador (Montero *et al.*, 1995). **Cochabamba:** Dpto. Cochabamba, UMMZ. **Santa Cruz:** Asunción; Province Sara; Puerto Suárez (Griffin, 1917). Buenavista (Hellmich, 1960). Parque Nacional Amboró; Yapacaní (Lavilla *et al.*, 1996). San José de Chiquitos, AMNH. Santiago, FMNH. Río Surutú, UMMZ. **Tarija:** Aguairenda; Caiza (Peracca, 1897). Villa Montes (Hellmich, 1960).

***Polychrus liogaster* Boulenger, 1908**

Beni: Tumi Chucua (Fugler, 1983). Rurrenabaque (Fugler, 1984). Río Curichá (1 km from the confluence with Río Iténez); Santa Rosa, AMNH. **Cochabamba:** Dpto. Cochabamba, AMNH. **Santa Cruz:** Province Sara (Boulenger, 1908). Buena Vista (Avila-Pires, 1995). Ca. 40 km from San Javier to Concepción, CET. Parque Nacional Amboró; Warnes, MNK. Río Surutú, UMMZ.

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

Santa Cruz: Santa Cruz de la Sierra (Etheridge & Williams, 1991). **Tarija:** Border of Tarija river, entry to Salinas coming from Potrerillos, Reserva Nacional de Flora y Fauna de Tariquia (Torres, 1996).

SCINCIDAE

***Mabuya bistrata* (Spix, 1825)**

Beni: Reyes (Boulenger, 1898). Tumi Chucua (Fugler, 1983). Rancho San Marcos, in the confluence of the Isiboro and Ichoa rivers (Fugler, 1989). 10 km W of Trinidad, ZFMK. **La Paz:** Misiones Mosestenes (Boulenger, 1898). 1.6 km W of Puerto Linares (Fugler, 1984). **Pando:** Abuná (Schmidt & Inger, 1951). **Santa Cruz:** El Carmen (Gans, 1960). El Refugio (Harvey, 1995).

***Mabuya cochabambae* Dunn, 1935**

Cochabamba: Pocona (Dunn, 1935). Ca. 100 km from Cochabamba to Santa Cruz, 3800 m (De la Riva *et al.*, 1992). **Santa Cruz:** Dpto. Santa Cruz (Dunn, 1935).

***Mabuya dorsovittata* Cope, 1862**

Santa Cruz: Puerto Suárez (Hellmich, 1960).

***Mabuya frenata* (Cope, 1862)**

Beni: Reyes; Riberalta; Río Beni (Dunn, 1935). Rancho San Marcos, in the confluence of the Isiboro and Ichoa rivers (Fugler, 1989). Puerto Almacén, AMNH. San Joaquín, FMNH. Riberalta, UMMZ. **Cochabamba:** Tiraque (Dunn, 1935). **La Paz:** Ixiamas (Dunn, 1935). **Santa Cruz:** Buena Vista (Dunn 1935). El Carmen (Gans, 1960). San José de Chiquitos (Hellmich, 1960). Puerto Almacén (De la Riva, 1993). Santa Rosa de la Roca (Dirksen, 1995). Abra de la Cruz (Lavilla *et al.*, 1996). Flor de Oro; Meseta de Caparuch (Scrocchi & Gonzáles, 1996). La Madre; Tierras Nuevas; Yapiroa

(Gonzáles, 1998). Santa Elena; Santiago, FMNH. **Tarija:** Aguairenda; Caiza; San Francisco (Peracca, 1897). Taringuiti, UMMZ.

***Mabuya guaporicola* Dunn, 1935**

Beni: Rancho San Marcos, in the confluence of the Isiboro and Ichoa rivers (Fugler, 1989). **Santa Cruz:** Dpto. Santa Cruz (Peters & Donoso-Barros, 1970). Parque Nacional Noel Kempff Mercado (Harvey *et al.*, 1998). Buena Vista, UMMZ.

***Mabuya nigropalmata* Andersson, 1918**

La Paz: San Fermín (Andersson, 1918).

***Mabuya nigropunctata* (Spix, 1825)**

Santa Cruz: Inselberg (Dirksen, 1995). Parque Nacional Noel Kempff Mercado (Harvey *et al.*, 1998).

TEIIDAE

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

Beni: Reyes (Boulenger, 1898). Trinidad (Burt & Burt, 1930). Tumi Chucua (Fugler, 1983). Rurrenabaque (Fugler, 1984). Estancia Venecia; San Borja (De la Riva *et al.*, 1992). Camiaco; Chacabo Indian Village; Costa Márquez; El Remanso; Guayaramerín; Ivón; Pacusal; Pampa de Meio; Puerto Almacén; Puerto Caballo; Puerto Cap. Vázquez; Puerto Siles; 5 km NW Puerto Versalles; Río Mamoré (13°35' S, 12°26' S); 10 km E San Antonio; 10 km W San Pedro; Santa Fé; Santa Rosa, AMNH. San Antonio; San Joaquín, FMNH. Estancia La Cabaña (1 km E of Emboscada); Riberalta, UMMZ. Beni Biosphere Reserve; Río Iténez, Lago Victoria, USNM. **Cochabamba:** Villa Tunari (De la Riva *et al.*, 1992). Boca Chapare, AMNH. Puerto San Francisco, 35 km N Chipiriri, KU. **La Paz:** Misiones Mosestenes (Boulenger, 1898). 1.6 km W of Puerto Linares (Fugler, 1984). Río Chimata (Fugler, 1989). Upper Río Madidi; Río Machariapo (Emmons, 1991). Pampas del Heath (Pérez, 1997). Huachi; Río Mapiri, AMNH. 4 km NW Alcoche; Saroria, UMMZ. **Pando:** Abuná (Schmidt & Inger, 1951). Reserva Nacional Amazónica Manuripi-Heath (Aparicio, 1992). Río Nareuda, AMNH. Cobija, ZFMK. **Santa Cruz:** Province Sara (Griffin, 1917). Esperanza (Procter, 1921). Buena Vista (Parker, 1928b). Perseverancia (Hoogmoed & Vaca, 1990). Comunidad Guirapembi; 38 km E of Florida; Los Fierros (De la Riva *et al.*, 1992). Puerto Almacén (De la Riva, 1993). Florida; Inselberg (Dirksen, 1995). El Refugio (Harvey, 1995). Ayacucho de Yapacaní; Campamento Macuñucú; La Guitarra; Parque Nacional Amboró (Lavilla *et al.*, 1996). Aguaragua; Cerro Colorado; Cupesí; La Madre; Tierras Nuevas; Yapiroa (Gonzáles, 1998). Sounaiporta (= Samaipata?), AMNH. Cotoca; Okinawa 1, KU. Piso Firme; San Javier; Santa Cruz de la Sierra, MNK. Buena Vista; Río Surutú; neighborhood of Santa Cruz de la Sierra, UMMZ. Ayacucho, 16 km SW Santa Cruz, USNM. **Tarija:** Aguairenda; San Francisco (Peracca, 1897). Fortín Magariños (Mertens, 1929).

***Ameiva vittata* (Boulenger, 1902)**

Cochabamba: Parotani (Boulenger, 1902c).

***Cnemidophorus lacertoides* Duméril & Bibron, 1839**

Cochabamba: Arani, UMMZ. Santa Cruz: El Fuerte (Dirksen *et al.*, 1995). Santiago, FMNH.

***Cnemidophorus ocellifer* (Spix, 1825)**

Santa Cruz: Cerro Colorado; La Madre; Tierras Nuevas (González, 1998). Tarija: Caiza (Peracca, 1897). Villa Montes (Hellmich, 1960).

***Dracaena paraguayensis* Amaral, 1950**

Santa Cruz: El Refugio (Harvey, 1995).

***Kentropyx altamazonica* Cope, 1876**

Cochabamba: Charuplaya; Yungas (Gallagher & Dixon, 1992). Puerto San Mateo (Avila-Pires, 1995). 50 km NW of Villa Tunari, Yungas de Cochabamba, UMMZ. La Paz: Huachi (Gallagher & Dixon, 1992). San Fermín (Avila-Pires, 1995). Santa Cruz: Parque Nacional Amboró (Lavilla *et al.*, 1996). Río Cheyo, CET.

***Kentropyx calcarata* Spix, 1825**

Beni: Camiaco; 4 km W of Puerto Cap. Vázquez; Puerto Siles; Río Blanco (4-5 km from confluence with Río Iténez), AMNH. Cochabamba: Río Ichilo, ca. 54 km S Boca Chapare, AMNH. La Paz: Misiones Mosetenes (Boulenger, 1898). Santa Cruz: Puerto Almacén (De la Riva, 1993). Puerto Suárez (Montero *et al.*, 1995). Campamento Las Torres (Scrocchi & González, 1996). Cupesí; La Madre (González, 1998). Piso Firme, AMNH. Tarija: Villa Montes (Gallagher & Dixon, 1992).

***Kentropyx pelviceps* Cope, 1868**

Pando: San Juan del Nuevo Mundo, USNM.

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

Santa Cruz: Serranía de Huanchaca (Montero *et al.*, 1995). Flor de Oro; Meseta de Caparuch (Scrocchi & González, 1996).

***Kentropyx viridistriga* Boulenger, 1894**

Santa Cruz: Río Surutú (Gallagher & Dixon, 1992). Buena Vista (Lavilla *et al.*, 1996).

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

Chuquisaca: 30 km SE of Carandayti, LACM. Santa Cruz: Santa Cruz de la Sierra (Duméril & Bibron, 1839). San José de Chiquitos (Müller, 1928). El Carmen; Roboré (Gans, 1960). Los Troncos (Hellmich, 1960). Perforación (De la Riva *et al.*, 1992). Curuyuqui (Emmons, 1993). Cupesí; La Madre; Tierras Nuevas; Yapiroa (González, 1998). Boyuibi, LACM. Lomas de Arena, MNK. Camiri, ZFMK. Tarija: San Francisco (Peracca, 1897). Fortín Magariños (Mertens, 1929). Capirenda, LACM.

***Tupinambis merianae* (Duméril & Bibron, 1839)**

Santa Cruz: Parque Nacional Noel Kempff Mercado (Harvey *et al.*, 1998).

***Tupinambis rufescens* (Günther, 1871)**

Beni: Lago Victoria (Presch, 1973). San Joaquín, FMNH. Santa Cruz: Puerto Suárez (Presch, 1973). Aguaragüa; Cupesí; La Madre; Tierras Nuevas (González, 1998). Santiago, FMNH. Santa Cruz, USNM. Tarija: Caiza; San Francisco (Peracca, 1897).

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

Beni: Costa Márquez, Río Iténez; Santa Rosa, Río Mamoré (Presch, 1973). Tumi Chucua (Fugler, 1983). Estancia El Porvenir (De la Riva *et al.*, 1992). Guayaramerín; Puerto Cap. Vázquez; Puerto Versalles; confluence of Río Blanco and Río Iténez; Río Mamoré (13°35' S, 12°26' S); 10 km W San Pedro; Santa Fé; Trinidad, AMNH. San Joaquín, FMNH. Cochabamba: ca. 54 km S of Boca Chapare, AMNH. Pando: Reserva Nacional Amazónica Manuripi-Heath (Aparicio, 1992). Santa Cruz: El Carmen (Gans, 1960). San José de Chiquitos (Hellmich, 1960). Puerto Almacén (De la Riva, 1993). Inselberg (Dirksen, 1995). El Refugio (Harvey, 1995). Parque Nacional Amboró (Lavilla *et al.*, 1996). Cupesí; La Madre (González, 1998). Abapó; Charagua; San Antonio de Parapetí, AMNH. Buena Vista, UMMZ.

TROPIDURIDAE

***Liolaemus alticolor* Barbour, 1909**

Cochabamba: Province Arque (Ibisch & Böhme, 1993). 36 km W of Challa; 38 km W of Challa, KU. La Paz: Tihuanacu (Barbour, 1909). Cheripa (Rendahl, 1937). Huatajata; Sorata (Hellmich, 1961). La Paz; Patamanta; Península de Taraco, Huacullani (Fugler, 1989). Achocalla; Alto Següencoma; Collana; road to Collana from Lipari; La Cumbre; Huajchilla; upper Río Irpavi near Karpani; Jupapina; Río Kaluyo; Lipari; Llojeta; Mallasa; Río Ovejuyo; hill bordering the road between Avda. Poeta and Villa Holguín (Baudoin & Pacheco, 1991). Patacamaya (De la Riva *et al.*, 1992). Huaraco (Aparicio, 1993). 35 km on the road from La Paz to Oruro (Dirksen, 1995). Esperanza, Province Pacajes, FMNH. 13 km E of El Tambillo, Río Pallina, KU. 10 km E of Achacachi, Hacienda Collana, halfway between Ayo-Ayo and Calamarca, UMMZ. Kallutaca, ca. 15 km N of La Paz, USNM. Oruro: Oruro; 15 km NE of Oruro; Playa Verde, AMNH. 17 km SE of Caracollos, KU. Potosí: Dpto. Potosí, AMNH. Villazón, MVZ.

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

Santa Cruz: Nueva Moka (Donoso-Barros, 1973).

***Liolaemus dorbignyi* Koslowsky, 1898**

Potosí: Campamento Khastor (Laurent, 1995).

***Liolaemus fittkaui* Laurent, 1986**

Cochabamba: "Región de Cochabamba"; Tiraque (Laurent, 1986).

***Liolaemus forsteri* Laurent, 1982**

La Paz: Chacaltaya, 4700 m (Laurent, 1982).

***Liolaemus islugensis* Ortiz & Marquet, 1987**

Potosí: Laguna Colorada; 40 km S of Laguna Colorada; Salar de Chalviri (Laurent, 1995).

***Liolaemus jamesi* (Boulenger, 1891)**

Potosí: Laguna Colorada (Laurent, 1995).

***Liolaemus mocquardi* Pellegrin, 1909**

La Paz: Tihuanacu (Pellegrin, 1909). Alto Achachicala, Río Caluyo; La Paz; Province Aroma, Huaraco; Reserva Ulla Ulla, Cordillera de Apolobamba, Huacullani (Fugler, 1989). Patacamaya (De la Riva *et al.*, 1992). Oruro: Crequi (Pellegrin, 1909). 203 km from La Paz to Oruro along highway, USNM. Potosí: E of Potosí (Fugler, 1989).

***Liolaemus orientalis* Müller, 1924**

Chuquisaca: Paso de Macho Cruz (Fugler, 1989). Potosí: Paso de Macho Cruz; Province near Chichas (Fugler, 1989). Laguna Colorada (Laurent, 1995). Portugaleta, AMNH. Tarija: Río Pilcomayo, between Tarija and San Francisco (Müller, 1923).

***Liolaemus ornatus* Koslowsky, 1898**

La Paz: Tihuanacu (Pellegrin, 1909). Murillo, 6 km W of Patacamaya, UMMZ. Oruro: Lago Poopó (Fugler, 1989). Crequi (Pellegrin, 1909). 8 km S of Eucaliptos, UMMZ. Potosí: Uyuni, FMNH. Villazón, MVZ.

***Liolaemus pantherinus* Pellegrin, 1909**

Cochabamba: Tiraque, UMMZ. Oruro: Crequi (Pellegrin, 1909).

***Liolaemus pulcher* Pellegrin, 1909**

La Paz: Tihuanacu (Pellegrin, 1909). Oruro: Crequi; Senechal (Pellegrin, 1909). 15 km NE of Oruro, AMNH.

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

Potosí: Julaca, FMNH.

***Liolaemus signifer* (Duméril & Bibron, 1837)**

Cochabamba: Province Arque (Ibisch & Böhme, 1993). 5.5 km W of Challa; 36 km W of Challa; 38 km W of Challa, KU. La Paz: Chilalaya; Lago Titicaca (Boettger, 1891). Querqueta; San José at the lake Titicaca (Rendahl, 1937). Huatajata; La Paz; Pucarani; Sorata (Hellmich, 1962). Alto Achachicala, Río Caluyo; Province Murillo; Province Pacajes; km 74 by road between Sorata and La Paz (Fugler, 1989). Road to Chacaltaya; Jacha Toloko; La Cumbre; upper Río Kaluyo; upper Río Ovejuyo (Baudoin & Pacheco, 1991). Ulla-Ulla (De la Riva *et al.*, 1992). Huaraco (Aparicio, 1993). Road between Caracoles and Quime; Cordillera Tres Cruces; road between La Paz and Tiahuanaco; La Cumbre; 130 km NE of La Paz; 35 mi NW of La Paz; Potone; Tiahuanaco; 7 km E of Ulla Ulla, AMNH. Esperanza, Province Pacajes, FMNH. Caupolicán, Hacienda Corpaputu, 10 km E of Achacachi; Patacamaya, UMMZ. Oruro: Crequi; Senechal (Pellegrin, 1909). Eucaliptos, NW of Lake Poopo

(Rendahl, 1937). Altiplano; Oruro; 5 km NE of Oruro; 15 km NE of Oruro; 60 km NE of Oruro, AMNH. Hacienda Huancaroma; 8 km S of Eucaliptos, UMMZ. Potosí: Potosí (Fugler, 1989). Chocaya, ANSP. 30 mi N of Potosí, CAS. 7 km S of Potosí, KU.

***Liolaemus simonsii* Boulenger, 1902**

Chuquisaca: Sucre, AMNH. Oruro: Challapata (Boulenger, 1902c). Eucaliptos, N of Lago Poopo (Rendahl, 1937). Playa Verde, AMNH. Potosí: Potosí; Uyuni (Boulenger, 1902c). Near Chichas (Fugler, 1989). Tarija: between Tarija and San Francisco (Müller, 1924).

***Liolaemus variegatus* Laurent, 1984**

Cochabamba: Tiraque (Laurent, 1984). Cliza, KU. Arani; Pocona; Tiraque; Titora, UMMZ.

***Stenocercus aculeatus* (O'Shaughnessy, 1879)**

Beni: Tumi Chucua (Fugler, 1983).

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

Beni: Reyes (Boulenger, 1898). Rancho San Marcos, in the confluence of the Isiboro and Ichoa rivers (Fugler, 1989). Rurrenabaque; 10 km E of San Antonio, AMNH. Chuquisaca: El Palmar (Harvey, 1997). Cochabamba: 6.5 km N of Chipiriri, KU. La Paz: Barraca, Río Madidi; Chulumani; Coroico; Misiones Mosevenes (Boulenger, 1898). Tumupassa, AMNH. Santa Cruz: Buena Vista; Santa Cruz de la Sierra (Burt & Burt, 1931). San José de Chiquitos (Hellmich, 1960). Perseverancia (Hoogmoed & Vaca, 1990). Puerto Almacén (De la Riva, 1993). 35 km on the road from St. Rosa de la Roca to Piso Firme (Dirksen, 1995). El Refugio (Harvey, 1995). Campamento Ichilo; Caranda; La Guitarra; Parque Nacional Amboró (Lavilla *et al.*, 1996). Cupesí; La Madre; Tierras Nuevas; Yapiroa (González, 1998). 23 km N of Boca Chapare, AMNH. Santiago, FMNH. Tarija: Aguirenda; San Francisco (Peracca, 1897).

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

Chuquisaca: Pampa Ruíz (D'Orbigny, 1847). El Palmar (Harvey, 1997). Cochabamba: Cochabamba (Werner, 1910). Province Arque (Ibisch & Böhme, 1993). Arani; Pocona; Tiraque; Titora, UMMZ. Santa Cruz: El Fuerte (Dirksen *et al.*, 1995). Tarija: Entre Ríos (Harvey, 1997).

***Stenocercus roseiventris* Duméril & Bibron, 1837**

Beni: Province Beni (Werner, 1913). Riberalta, UMMZ. Chuquisaca: Sucre, FMNH. Cochabamba: Charuplaya (Avila-Pires, 1995). Yungas de Cochabamba, MVZ. La Paz: Cordillera de Irupana (D'Orbigny, 1847). Misiones Mosevenes (Boulenger, 1898). 10 km NW of Mapiri, UMMZ. Santa Cruz: Province Sara (Griffin, 1917). Buena Vista; Campamento Ichilo; La Siberia; Parque Nacional Amboró (Lavilla *et al.*, 1996). Río Surutú, UMMZ.

***Stenocercus variabilis* Boulenger, 1901**

La Paz: Palca (Boulenger, 1901).

Tropidurus callathelys Harvey & Gutberlet, 1998

Santa Cruz: Northern slope of the Serranía de Huanchaca, near Lago Caimán (Harvey & Gutberlet, 1998).

Tropidurus chromatops Harvey & Gutberlet, 1998

Santa Cruz: Inselberg (Dirksen, 1995). Campamento Las Torres; 10 km E of Florida on the road to Los Fierros; Northern slope of the Serranía de Huanchaca (Harvey & Gutberlet, 1998).

Tropidurus etheridgei Cei, 1982

Beni: 23 km W of San Javier; 10 km W of San Pedro; Trinidad, AMNH. Chuquisaca: 30 km SE of Carandayti, LACM. Cochabamba: N of Río Mizque; Peña Colorada; E of Villa Granado (Rodrigues, 1987). 20 km E of Cochabamba (De la Riva *et al.*, 1992). 15 km S of Quiroga, KU; Parotani; 3 km N of Mizque; Viña Perdida Farm, UMMZ. La Paz: 1.6 km W of Puerto Linares (Fugler, 1984). Santa Cruz: El Carmen; Naranjos; El Portón (Gans, 1960). Roboré; San Lorenzo (Rodrigues, 1987). 69 km from Samaipata on the road Samaipata - Cochabamba (Dirksen, 1995). Mataral (Montero *et al.*, 1995). Aguaraigua; Cerro Colorado; La Madre; Tierras Nuevas; Yapiroa (González, 1998). Charagua; La Brecha; San Antonio de Parapetí, AMNH. Lake Gahibia-Mirim; Santiago, FMNH. Comarapa, UMMZ. Tarija: Aguairenda; Caiza; San Francisco (Peracca, 1897). Capirenda, LACM. Villa Montes, ZFMK.

Tropidurus melanopleurus Boulenger, 1902

La Paz: Tamampoya (Boulenger, 1902c). 25.4 km S of Caranavi; 29 km S of Caranavi; 64.3 km S of Caranavi, KU. 20 km from Caranavi to Santa Ana de Huachi; 1 km S of San Buenaventura; 25 km S of Yolosa, UMMZ. Zongo Valley, at Jarca Electric Plant, USNM. Chuquisaca: El Palmar (Harvey, 1997). Santa Cruz: Cerro Hosane (Fugler, 1989). Samaipata (Pérez-Mellado & De la Riva, 1993). El Fuerte (Dirksen *et al.*, 1995). La Guitarra; Parque Nacional Amboró; Río Cheyo (Lavilla *et al.*, 1996). 6 km W of Charagua; San Antonio de Parapetí, AMNH. Tarija: Río Pilcomayo, between Tarija and San Francisco (Müller, 1923). Tarairi, N of Villa Montes (Mertens, 1929). Villa Montes (Fugler, 1989). 45 km W of Río Seco; 20 km N of Villa Montes, ZFMK.

Tropidurus plica (Linnaeus, 1758)

Pando: Abuná (Schmidt & Inger, 1951). Ca. 12 km by road S of Cobija and 8 km from Mucden (Fugler, 1988c).

Tropidurus spinulosus (Cope, 1862)

Beni: Trinidad, AMNH. Chuquisaca: 30 km SE of Carandayti, LACM. Santa Cruz: Puerto Suárez (Griffin, 1917). 1 km N of El Carmen; El Carmen; San José de Chiquitos (Gans, 1960). Mountains of Chiquitos (Hellmich, 1960). Cerro Colorado (De la Riva *et al.*, 1992). Aguaraigua; Cupesí; La Madre; Tierras Nuevas; Yapiroa (González, 1998). Finca de Milanos (Harvey & Gutberlet, 1998). La Brecha; San Antonio de Parapetí, AMNH. Tarija: San Francisco (Peracca, 1897). 12 km SW of Capirenda, LACM. Taringuítí, UMMZ.

Tropidurus umbra (Linnaeus, 1758)

Beni: Guayaramerín (Etheridge, 1970). Tumi Chucua (Fugler, 1983). La Paz: San Fermín (Andersson, 1918). Pando: Puesto Abuná, USNM. Santa Cruz: Los Fierros; Florida (De la Riva *et al.*, 1992). Flor de Oro; Lago Caimán (Harvey & Gutberlet, 1998). Parque Nacional Amboró (Lavilla *et al.*, 1996).

Tropidurus xanthochilus Harvey & Gutberlet, 1998

Santa Cruz: El Refugio (Harvey, 1995).

Uranoscodon superciliosus (Linnaeus, 1758)

Beni: Guayaramerín, AMNH.

Conclusions

The lizards and amphisbaenians of Bolivia consist of ten families, 39 genera and 102 species (13 Amphisbaenidae, 3 Anguillidae, 9 Gekkonidae, 15 Gymnophthalmidae, 2 Hoplocercidae, 1 Iguanidae, 8 Polychrotidae, 7 Scincidae, 14 Teiidae and 30 Tropiduridae). We add 24 species to the provisional checklist compiled by Fugler (1989), of which three are here reported for the first time: *Kentropyx pelviceps*, *Liolaemus schmidtii*, and *Uranoscodon superciliosus*. This addition represents an increment of 29% in the saurian and amphisbaenian diversity of the country. Four species listed in Fugler (1989) do not occur in Bolivia or are synonyms: *Tropidurus hispidus* occurs in the Northeast of South America, *Liolaemus multiformis* is a synonym of *Liolaemus signifer*, *Homonota horrida* of *Homonota fasciata* and *Teius cyanogaster* of *Teius teyou*. It is surprising that Fugler (1989) did not mention the genus *Kentropyx* in Bolivia.

Nine species are endemic to Bolivia: *Amphisbaena bolivica*, *Amphisbaena cegei*, *Neusticurus ocellatus*, *Mabuya cochabambae*, *Liolaemus fittkaii*, *Liolaemus forsteri*, *Liolaemus islugensis*, *Liolaemus variegatus* and *Stenocercus marmoratus*.

Many new reptilian species were described in the last 10-20 years in South America, including Bolivia, where large areas still remain to be surveyed. It is realistic to assume that there are many more undescribed Bolivian species awaiting to be discovered, especially in the families Amphisbaenidae, Gymnophthalmidae and Tropiduridae. As a result, the numbers given above will increase in the future. New findings must be expected near the borders of the Amazonian Brazil, the Andean slopes of Peru and the highlands near Argentina and Chile.

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Appendix 1.— Gazetteer. *Localities not found.

Apéndice 1.— Lista de localidades de Bolivia. *Localidades no encontradas.

Department of Beni			
LOCALITY	COORDINATES (S/W)		
Arroyo Grande	10°49'/65°25'	Río Yacuma	13°38'/62°53'
Beni Biosphere Reserve	14°51'/62°21'	Río Yata	10°59'/65°35'
Cachuela Esperanza	10°32'/65°38'	Rurrenabaque	14°28'/67°34'
Camiaico	15°19'/64°44'	San Antonio	13°56'/65°08'
Chacabo Indian Village	12°20'/66°00'	San Borja	14°49'/66°51'
Costa Márquez	12°29'/64°17'	San Javier	14°36'/64°53'
El Remanso	13°31'/61°53'	San Joaquín	13°02'/64°40'
Estación Biológica Beni	14°51'/62°21'	San Pedro	14°00'/65°04'
Estancia Edén, 25 km SWSan Joaquín	13°09'/64°50'	Santa Fé, Río Iténez	*
Estancia El Porvenir	14°38'/66°18'	Santa Rosa, Río Mamoré	11°33'/65°16'
Estancia La Cabaña	15°03'/66°58'	Trinidad	11°08'/66°10'
Estancia Venecia	14°40'/65°24'	Tumi Chucua	11°08'/66°10'
Estancia Yutirole, 20 km S San Joaquín	13°13'/64°40'	Villa Bella	10°23'/65°24'
Exaltación	13°16'/65°15'		
Guayaramerín	10°49'/66°51'	Department of Chuquisaca	
Ivón	11°08'/66°07'	LOCALITY	COORDINATES (S/W)
Lago Victoria	10°59'/66°10'	Carandayti	20°45'/63°04'
La Rangeira, Río Iténez	13°19'/62°00'	Charobamba	*
Loreto	15°13'/64°40'	Chichas	*
Magdalena	13°15'/64°03'	El Palmar	20°51'/64°19'
Pacusal	13°10'/62°07'	El Salvador	20°45'/63°04'
Pampa de Meio	12°30'/64°15'	Pampa Ruiz	20°45'/65°15'
Puerto Almacén	14°52'/64°58'	Paso de Macho Cruz	*
Puerto Caballo	13°42'/65°20'	Pescado (= Villa Serrano)	19°06'/64°22'
Puerto Cap. Vázquez, Río Iténez	*	Río Grande, entre Valle Grande y Pescado	15°51'/64°39'
Puerto Moré	12°00'/65°06'	Sucre	19°02'/65°17'
Puerto Siles	12°47'/65°02'		
Puerto Versailles	12°41'/63°22'	Department of Cochabamba	
Rancho Espiritu	14°13'/66°40'	LOCALITY	COORDINATES (S/W)
Rancho San Marcos	15°28'/65°05'	Arani	17°34'/65°47'
Reyes	14°19'/67°23'	Boca Chapare	15°58'/64°41'
Ríberalta	11°00'/66°04'	Challa	17°37'/66°40'
Río Beni	10°23'/65°24'	Charuplaya	16°36'/66°37'
Río Blanco, 4-5 km from confluence w. Río Iténez	12°31'/64°17'	Chipiriri	16°13'/65°15'
Río Curiraba, Beni Biosphere Reserve	14°50'/66°23'	Cliza	17°36'/65°56'
Río Curichá	12°32'/63°55'	Cochabamba, Cd.; 2600 m	17°24'/65°48'
Río Isiboro	15°28'/65°05'	El Palmar	17°06'/65°32'
Río Iténez	11°28'/65°05'	Incachaca	17°14'/65°49'
Río Maniquí	14°49'/66°51'	La Siberia	17°50'/64°45'
Río Mamoré, between Loreto and the mouth of Río Sara	10°23'/65°23'	Locotal	17°11'/65°48'
Río Mamoré	13°35'/65°19'	Mizque	17°57'/65°20'
Río Mamoré, 10 km E of San Antonio	12°26'/65°10'	Monte Punco	17°35'/65°17'
Río Quiquibey	14°31'/67°35'	Monterredondo	17°34'/66°61'
Río Sara	15°51'/64°39'	Paracti	17°12'/65°49'
		Parotani	17°34'/66°21'
		Peña Colorada	18°10'/64°52'
		Pocona	17°39'/65°24'

Puerto San Mateo	17°42'/64°47'	Río Chimate	15°25'/68°00'
Quiroga	18°25'/65°13'	Río Irapavi, near Karpani	*
Río Chua Khocha	17°47'/64°42'	Río Kaka	15°10'/67°44'
Sehuencas	17°30'/65°16'	Río Machariapo	14°36'/68°35'
Tablasmontes	17°07'/66°01'	Río Madidi	12°32'/66°52'
Tiraque	17°25'/65°43'	Río Mapiro	15°15'/68°16'
Tотора	17°44'/65°12'	Río Ovejuyo	16°32'/68°02'
Tucachaca	*	Río Suapi	15°30'/67°31'
Valle de Sajta	17°00'/64°50'	Río Zongo (= Songo)	16°07'/68°02'
Villa Granado	18°12'/65°02'	San Antonio	14°34'/68°22'
Villa Tunari	16°57'/65°24'	San Buenaventura	14°27'/67°33'
Viña Perdida Farm	*	San Fermín	13°58'/68°58'
		San José	16°21'/68°40'
		Sorata	15°47'/68°40'
Department of La Paz		Tamampoya (= Tamanpaya)	16°16'/67°13'
<u>LOCALITY</u>	<u>COORDINATES (S/W)</u>	Taraco, Península	15°47'/68°40'
Achacachi	16°02'/68°41'	Tihuanacu (= Tiahuanaco, Tiwanaku)	16°33'/68°42'
Achocalla	16°35'/68°10'	Tipuani	15°33'/68°00'
Alcoche	15°44'/67°40'	Tumupassa	14°09'/67°55'
Alto Següencoma	*	Ulla Ulla	15°03'/69°16'
Barraca	12°32'/66°52'	Unduavi	16°19'/67°55'
Calabatea	14°58'/68°30'	Upper Río Madidi	13°35'/68°46'
Caracoles	16°55'/67°19'	Villa Holguín	*
Caranavi	15°46'/67°36'	Yanacachi	16°23'/67°49'
Caupolicán	*	Yolosa	16°14'/67°43'
Chacaltaya	16°20'/68°08'	Zongo Valley	16°06'/68°03'
Chaco	16°21'/67°49'		
Cheripa	*	Department of Oruro	
Chilalaya (= Chililaya)	16°13'/68°27'	<u>LOCALITY</u>	<u>COORDINATES (S/W)</u>
Chulumani	16°24'/67°43'	Caracollo	17°38'/67°13'
Collana	16°38'/68°58'	Challapata	15°53'/68°07'
Confluence of the Río Kaka and the Río Beni	15°29'/67°50'	Crequi	18°52'/67°18'
Cordillera de Apolobamba	14°46'/68°27'	Eucaliptus	17°35'/67°31'
Cordillera de Irupana	16°28'/67°28'	Hacienda Huancaroma	17°40'/67°29'
Coroico	16°10'/67°44'	Lago Poopo	18°45'/67°07'
La Cumbre	16°23'/67°23'	Oruro, Cd.	17°58'/67°06'
El Tambillo, Río Pallina	16°33'/68°31'	Playa Verde	*
Esperanza, Province Pacajes	14°42'/66°45'	Senechal	*
Hacienda Collana, entre Ayo-Ayo y Calamarca	17°04'/68°05'		
Hacienda Corpaputu, 10 km E Achacachi	16°02'/68°38'	Department of Pando	
Huachi	15°40'/67°14'	<u>LOCALITY</u>	<u>COORDINATES (S/W)</u>
Huacullani	14°46'/66°52'	Abuná	09°42'/65°23'
Huajchilla	16°38'/68°04'	Cobija	11°02'/68°44'
Huaraco	17°22'/67°37'	Ingavi	10°57'/66°50'
Huatajata	16°11'/68°44'	Mucden (= Mukden)	11°11'/69°02'
Ixiamas	13°45'/68°09'	Puesto Abuná	09°47'/65°32'
Jacha Toloko	16°21'/68°02'	Río Nareuda	11°08'/68°46'
Jupapina	16°38'/68°03'	San Juan del Nuevo Mundo	10°46'/64°44'
Kallutaca	*		
Lago Titicaca	15°48'/69°24'	Department of Potosí	
La Paz, Cd.	16°30'/68°09'	<u>LOCALITY</u>	<u>COORDINATES (S/W)</u>
La Paz, entre La Paz y Oruro	16°49'/68°11'	Campamento Khastor	22°02'/66°08'
Lipari	16°37'/68°02'	Chichas	*
Llojeta	16°32'/68°08'	Chocaya	20°53'/66°17'
Mapiro	15°15'/68°10'	Cordillera Chichas	20°30'/66°30'
Mallasa	16°34'/68°05'	Julaca	20°54'/67°34'
Misiones Mosetenes (= Covendo ?)	15°47'/67°05'	Laguna Colorada	22°12'/67°46'
Palca	16°34'/67°59'	Paso de Macho Cruz	*
Pampas del Heath	13°01'/68°50'	Portugalete	20°52'/66°07'
Patacamaya	17°14'/67°55'	Potosí, Cd.	19°35'/65°45'
Patamanta	16°22'/68°22'	Salar de Chalvirí	22°32'/67°34'
Pelechuco	14°48'/69°04'	Uyuni	20°28'/66°50'
Potone	*	Villazón	22°06'/65°37'
Potamanta	17°10'/68°10'		
Pucarani	16°24'/68°29'	Department of Santa Cruz	
Puerto Linares	15°30'/67°31'	<u>LOCALITY</u>	<u>COORDINATES (S/W)</u>
Querqueta	16°36'/68°34'	Abapó	18°50'/63°28'
Reserva Ulla Ulla	15°03'/69°16'		
Alto Achachicala, Río Caluyo	16°20'/68°06'		

Abra de la Cruz	17°50'/64°20'	Perforación	19°55'/62°33'
Aguaraigua	19°24'/62°48'	Perseverancia	14°18'/63°10'
Airport Viru Viru	17°40'/63°08'	Piso Firme	13°38'/61°45'
Asunción	17°50'/60°10'	Puerto Almacén	15°46'/62°15'
Ayacucho, 16 km SW of Santa Cruz	17°51'/63°18'	Puerto Suárez	18°58'/57°48'
Ayacucho de Yapacaní	17°22'/63°50'	Remates, N of San Juan del Potrero	17°53'/64°20'
Boyuibi	20°17'/63°17'	Reserva Nacional de Flora y Fauna de Tariquía	21°56'/64°19'
Buena Vista	17°27'/63°40'	Río Cheyo	17°40'/63°39'
Camiri	20°02'/63°30'	Río Saguayo	17°35'/63°48'
Campamento Ichilo	17°24'/64°14'	Río Seco (45 km W); 700 m	18°35'/63°33'
Campamento Las Torres	13°39'/60°48'	Río Surutú	17°24'/63°51'
Campamento Macuñucú	17°43'/63°35'	Roboré	18°20'/59°45'
Campamento, Río San Martín	15°03'/61°56'	Samaipata	18°10'/64°53'
Caranda	17°32'/63°31'	San Antonio de Parapetí	20°01'/63°13'
Cerro Colorado	19°28'/62°21'	San Ignacio de Velasco	16°22'/60°58'
Cerro Hosane	17°25'/64°00'	San Javier	16°20'/62°38'
Charagua	19°48'/63°13'	San José de Chiquitos	17°50'/60°48'
10 km S of Colonia San Martín	15°29'/61°38'	San Juan del Potrero	17°58'/63°18'
Concepción	16°15'/62°24'	San Lorenzo	18°31'/59°19'
Comarapa	17°55'/64°32'	San Pablo	15°52'/63°22'
Comunidad Guirapembí	19°26'/62°21'	San Ramón	17°50'/60°45'
Cotoca	17°49'/63°03'	Santra Cruz de la Sierra	17°48'/63°10'
Cupesí	18°28'/62°04'	Santa Elena	18°20'/59°50'
Curuyuqui	18°46'/62°14'	Santa Rosa de la Roca	15°55'/61°26'
El Carmen	18°48'/58°33'	Santiago	18°20'/59°36'
El Fuerte (Samaipata)	18°10'/63°50'	Serranía de Huanchaca	14°25'/63°50'
El Portón	18°06'/60°03'	Sounaiporta (probably Samaipata)	18°10'/64°53'
El Refugio	14°45'/61°00'	Tierras Nuevas	19°43'/62°48'
Espejillos	17°50'/63°25'	Valle Grande (= Vallegrande)	18°30'/64°07'
Esperanza	16°28'/61°16'	Airport Viru Viru	17°39'/63°08'
Finca de Milanos	17°50'/60°45'	Yapacaní	17°24'/63°46'
Flor de Oro	13°33'/61°00'	Yapiroa	19°36'/62°34'
Florida	14°37'/61°12'	Warnes	17°30'/63°10'
Guadalupe	18°33'/64°05'		
Huasacañada	18°31'/64°05'	Department of Tarija	
Inselberg	14°35'/61°31'	<u>LOCALITY</u>	<u>COORDINATES (S/W)</u>
La Brecha	19°30'/62°34'	Aguairenda	21°51'/63°40'
Lago Caimán	13°35'/60°54'	Border of Tarija River, entry to Salinas	21°56'/64°19'
La Guitarra	18°06'/63°32'	Caiza (= Villa Ingavi)	21°49'/63°34'
Lake Gahibia-Mirim	17°45'/57°43'	Capirenda	21°06'/63°01'
La Madre	18°52'/62°21'	Catamarca	20°55'/63°06'
Las Juntas	18°38'/63°08'	Entre Ríos	21°29'/63°13'
Lomas de Arena	17°48'/63°10'	Fortin Margariños	*
Los Fierros	14°33'/60°55'	Río Pilcomayo	21°41'/65°18'
Los Troncos	16°40'/61°57'	Río Seco	21°45'/63°35'
Mataral	18°05'/64°11'	Salinas	21°48'/64°14'
Meseta de Caparuch	13°54'/60°49'	San Francisco (= Villa Montes)	21°15'/63°30'
Naranjos	18°38'/59°09'	Sunchal	19°33'/68°21'
Nueva Moka	17°19'/63°33'	Taringuiti	21°25'/63°09'
Okinawa I	17°13'/62°54'	Tarairi	21°05'/63°25'
Pampa Grande	18°05'/64°06'	Tarija, Cd.	21°31'/64°45'
Pampas Unión	17°48'/63°21'	Villa Montes	21°15'/63°30'
Parque Nacional Amboró	17°40'/63°15'		