

**A COLLECTION OF AMPHIBIANS AND REPTILES OF THE NATIONAL
INSTITUTE OF RESEARCH OF THE AMAZON**

**UNA COLECCIÓN DE LOS ANFIBIOS Y REPTILES DEL INSTITUTO NACIONAL DE
PESQUISAS DE LA AMAZÔNIA**

**A COLEÇÃO DE ANFÍBIOS E RÉPTEIS DO INSTITUTO NACIONAL DE PESQUISAS DA
AMAZÔNIA**

MENDES-PINTO, TELÊMACO JASON^{1,2*} Mestrando, BERNHARD, RAFAEL²
Doutor, VOGT, RICHARD² Ph.D., PEDRETT, RONNEZZA CÉLLIA LOBATO
CAMPOS² Biol., GARCIA, RAUBER SANTOS³ Biol.

¹ Pós-Graduação em Ciências Florestais e Ambientais, Departamento de Ciências Florestais, Universidade Federal do Amazonas-UFAM, Manaus - AM, Brasil. ² Coleção de Anfíbios e Répteis, Instituto Nacional de Pesquisas da Amazônia-INPA, Manaus - AM, Brasil. ^{1,3} Centro de Ciências Biológicas, Pontifícia Universidade Católica de Minas Gerais, Belo Horizonte - MG, Brasil.

*Corresponding author: biojason2005@hotmail.com

Recibido: 13-06-2011; Aceptado: 18-08-2011

Abstract

Scientific collections with regional representation are relevant sources for taxonomic, ecological, biogeographic and conservation status of species. Alongside this importance, we present a list of amphibians and reptiles stored at the herpetological collection of the National Institute of Amazonian Research – INPA, in Manaus, Amazonas, Brazil.

Key words: herpetological collection, INPA, Manaus, Amazonas, Brazil.

Resumen

Colecciones científicas de fuentes regionales son relevantes para la taxonomía, la ecología, biogeografía y la conservación de las especies. Junto a esta importancia, se presenta una lista de los anfibios y reptiles depositados en la colección herpetológica del Instituto Nacional de Pesquisas da Amazônia - INPA, en Manaus, Amazonas, Brasil.

Palabras clave: colección herpetológica, INPA, Manaus, Amazonas, Brasil.

Resumo

Coleções científicas, com representação regional são fontes relevantes para a classificação taxonômica, ecológica e biogeográfica e conservação das espécies. A

par desta importância, apresentamos uma lista dos anfíbios e répteis tombados na coleção herpetológica do Instituto Nacional de Pesquisas da Amazônia – INPA, em Manaus, Amazonas, Brasil.

Palavras-Chaves: coleção herpetológica, INPA, Manaus, Amazonas, Brasil.

Introduction

Brazil ranks first among the countries with the highest species richness of amphibians and placing second among the countries with the highest species richness of reptiles, after only of Australia, but surpassing India, Indonesia, Mexico, Colombia, China and Peru (RODRIGUEZ and DUELLMAN, 1994; BÉRNILS, 2011). Are recorded from Brazil 875 species of amphibians (847 Anura, Gymnophiona and Urodela 27) and 721 reptile species (06 Crocodylia, 36 Testudines, 67 anphisbaenians, 241 snakes and 371 lizards) (BÉRNILS, 2011), among which at least 160 amphibians occur in the Amazon Region (AZEVEDO-RAMOS and GALATTI, 2001).

The country is home to a biodiversity regarded as one of the largest worldwide, while the country lacks basic information about the distribution and magnitude of these resources throughout different regions and biomes (MITTERMEIER *et al.*, 1992).

Faunal studies in the Amazon region are still very incomplete particularly for some groups of reptiles and amphibians (VOGT and BERNHARD, 2003) and the frequent description of new species every year suggests that richness is even greater (AZEVEDO-RAMOS and GALATTI, 2001).

At present, approximately 304 reptile species (94 lizards, 10 amphisbaenians, 180 snakes, 16 turtles, and four alligators) and 221 amphibian species are known from Brazilian Amazon (AVILA-PIRES *et al.*, 2007). A considerable part of this herpetofauna (61 amphibian species and 100 reptile species) is present at the municipality of Manaus (TOUCHER, 1998; ZIMMERMAN and RODRIGUES, 1990; MARTINS, 1991; MARTIN and OLIVEIRA, 1998). Knowledge of Amazonian herpetofauna has grown exponentially in the last years and these numbers are growing due to the regular descriptions of new species (HALFFTER and EZCURRA, 1992).

The taxonomic collections, with a systematic and ordered complete samples or parts of dead specimens, properly preserved for study (MARTINS, 1994), are the basic goals of teaching and research, and are the basis, especially, for ecological, taxonomic and biogeographic studies (AURICCHIO and SOLOMON, 2002). The material deposited in these collections under the care of a specialist curator provides basic and permanent information through the conservation of scientific testimony. Besides the scientific value of the reference collections is also the cultural value.

These initiatives allow us to perform studies from basic to more complex ones on the living fauna (MARTIN, 1994). They guarantee, so that we can check specimens studied previously by other authors, maintaining the freshness of the associations between biological knowledge and the names of the agencies involved.

Morphological characters are often analyzed in preserved specimens, and, with few exceptions, animal classification is based on the comparative study of these characters (BONALDO, 2000; BRAWL and LISE, 2002).

The present paper aims at promoting the collection of amphibians and reptiles at the Instituto Nacional de Pesquisas da Amazônia - INPA offering the species and number of specimens deposited there. The collection is useful in researches related to revisions of biogeographical, taxonomic and regional and local herpetofaunistic inventories.

Materials and methods

This study was conducted from a survey on the registration of specimens catalogued in the collection and in the data so far digitalized originally from the collection of amphibians and reptiles of INPA. The herpetological collection of INPA began in 1985 as an initiative of Gloria Moreira. Richard C. Vogt took over after Gloria's assassination in 2000.

The herpetological collection is divided into two sections, the research collection and the teaching collection. The scientific material has specimens fixed in formalin and stored in ethanol, where each individual receives a unique number that identifies their registration information such as their origin (*e.g.* collection site, collection date, collector, identifier and species). While the teaching collection is composed of specimens donated without accurate data collection such as those mentioned above. In this sense, the didactic collection plays a role no less important, serving to loan for purposes of assisting in the training of health workers, fire department and the Armed Forces, as well as for lectures in public and private schools. At present the data for the material deposited in this collection are in the process of computerization.

Results and discussion

Since its inception until June 2010, there were deposited 24,069 specimens belonging to 415 species, including 104 snakes (51%), 74 lizards (36%), five amphisbaenians (3%), 19 turtles (9%), two alligators (1%). Amphibians are represented by 199 frogs (95%), eight Gymnophiona (4%) and two species of salamanders (1%) (See tables 1 and 2). The herpetological collection of INPA also has a collection of tadpoles, skeletons of turtles, and a bank of tissues from both groups. The nomenclature followed BÉRNILS (2011) for amphibians and reptiles.

Table 1. Species and number of specimens of reptiles in herpetological collection deposited at INPA

Order / Family / Species	Number of specimens
CROCODYLIA	
Alligatoridae	
<i>Caiman crocodilus</i> (Linnaeus, 1758)	01
<i>Paleosuchus trigonatus</i> (Schneider, 1801)	05
SQUAMATA	
Anphisbaenians	
Amphisbaenidae	
<i>Amphisbaena alba</i> Linnaeus, 1758	04
<i>Amphisbaena fuliginosa</i> Linnaeus, 1758	33
<i>Amphisbaena slevini</i> Schmidt, 1938	10
<i>Amphisbaena</i> sp.	02
<i>Amphisbaena vanzolinii</i> Gans, 1963	09
Lacertilia	
Gekkonidae	
<i>Hemidactylus mabouia</i> (Moreau de Jonnès, 1818)	12
<i>Hemidactylus palaichthus</i> Kluge, 1969	01
Gymnophthalmidae	
<i>Alopoglossus angulatus</i> (Linnaeus, 1758)	22
<i>Alopoglossus atriventris</i> Duellman, 1973	72
<i>Alopoglossus buckleyi</i> (O'Shaughnessy, 1881)	01
<i>Alopoglossus</i> sp.	06
<i>Arthrosaura reticulata</i> (O'Shaughnessy, 1881)	101
<i>Bachia dorbignyi</i> (Duméril & Bibron, 1839)	02
<i>Bachia flavescens</i> (Bonnaterre, 1789)	22
<i>Bachia panoplia</i> Thomas, 1965	15
<i>Bachia pyburni</i> Kizirian & McDiarmid, 1998	03
<i>Bachia</i> sp.	05
<i>Cercosaura argulus</i> Peters, 1863	03
<i>Cercosaura eigenmanni</i> (Griffin, 1917)	20
<i>Cercosaura ocellata</i> Wagler, 1830	33
<i>Cercosaura oshaughnessyi</i> (Boulenger, 1885)	02
<i>Cercosaura</i> sp.	03
<i>Colobosaura modesta</i> (Reinhardt & Luetken, 1862)	02
<i>Gymnophthalmus underwoodi</i> Grant, 1958	04
<i>Iphisa elegans</i> Gray, 1851	85
<i>Leposoma osvaldoi</i> Ávila-Pires, 1995	29
<i>Leposoma percarinatum</i> (Müller, 1923)	95
<i>Leposoma snethlageae</i> Ávila-Pires, 1995	08
<i>Leposoma</i> sp.	146
<i>Micrablepharus maximiliani</i> (Reinhardt & Luetken, 1862)	02
<i>Neusticurus bicarinatus</i> (Linnaeus, 1758)	03
<i>Neusticurus racenisi</i> Roze, 1958	16

<i>Ptychoglossus brevifrontalis</i> Boulenger, 1912	14
<i>Tretioscincus agilis</i> (Ruthven, 1916)	08
<i>Tretioscincus oriximinensis</i> Ávila-Pires, 1995	07
<i>Tretioscincus</i> sp.	11
Hoplocercidae	
<i>Enyalioides laticeps</i> (Guichenot, 1855)	04
Iguanidae	
<i>Iguana iguana</i> (Linnaeus, 1758)	22
Phyllodactylidae	
<i>Thecadactylus rapicauda</i> (Houttuyn, 1782)	23
Polychrotidae	
<i>Anolis auratus</i> Daudin, 1802	02
<i>Anolis bombiceps</i> Cope, 1876	01
<i>Anolis fuscoauratus</i> D'Orbigny, 1837	103
<i>Anolis nitens</i> (Wagler, 1830)	63
<i>Anolis ortonii</i> Cope, 1868	06
<i>Anolis punctatus</i> Daudin, 1802	25
<i>Anolis</i> sp.	78
<i>Anolis trachyderma</i> Cope, 1876	09
<i>Anolis transversalis</i> Duméril, 1851	13
<i>Polychrus marmoratus</i> (Linnaeus, 1758)	03
Scincidae	
<i>Mabuya bistrata</i> (Spix, 1825)	17
<i>Mabuya nigropunctata</i> (Spix, 1825)	139
Sphaerodactylidae	
<i>Coleodactylus amazonicus</i> (Andersson, 1918)	196
<i>Coleodactylus septentrionalis</i> (Vanzolini, 1980)	38
<i>Gonatodes hasemani</i> Griffin, 1917	20
<i>Gonatodes humeralis</i> (Guichenot, 1855)	334
<i>Lepidoblepharis heyerorum</i> Vanzolini, 1978	11
<i>Lepidoblepharis</i> sp.	02
Teiidae	
<i>Ameiva ameiva</i> (Linnaeus, 1758)	309
<i>Cnemidophorus lemniscatus</i> (Linnaeus, 1758)	39
<i>Cnemidophorus</i> sp.	279
<i>Crocodylus amazonicus</i> Spix, 1825	22
<i>Kentropyx altamazonica</i> (Cope, 1876)	94
<i>Kentropyx calcarata</i> Spix, 1825	74
<i>Kentropyx pelviceps</i> Cope, 1868	97
<i>Kentropyx</i> sp.	68
<i>Kentropyx striata</i> (Daudin, 1802)	22
<i>Tupinambis merianae</i> (Duméril & Bibron, 1839)	01
<i>Tupinambis teguixin</i> (Linnaeus, 1758)	08
<i>Tupinambis</i> sp.	02
Tropiduridae	
<i>Plica plica</i> (Linnaeus, 1758)	56
<i>Plica umbra</i> (Linnaeus, 1758)	118
<i>Stenocercus caducus</i> (Müller, 1882)	08

<i>Tropidurus hispidus</i> (Spix, 1825)	01
<i>Tropidurus oreadicus</i> Rodrigues, 1987	03
<i>Tropidurus</i> sp.	03
<i>Tropidurus torquatus</i> (Wied, 1820)	05
<i>Uracentron azureum</i> (Linnaeus, 1758)	02
<i>Uranoscodon</i> sp.	06
<i>Uranoscodon superciliosus</i> (Linnaeus, 1758)	62
Ophidia	
Aniliidae	
<i>Anilius scytale</i> (Linnaeus, 1758)	53
Anomalepididae	
<i>Typhlophis squamosus</i> (Schlegel, 1839)	01
Boidae	
<i>Boa constrictor</i> Linnaeus, 1758	11
<i>Corallus caninus</i> (Linnaeus, 1758)	04
<i>Corallus hortulanus</i> (Linnaeus, 1758)	43
<i>Epicrates cenchria</i> (Linnaeus, 1758)	10
<i>Eunectes murinus</i> (Linnaeus, 1758)	06
Colubridae	
<i>Chironius exoletus</i> (Linnaeus, 1758)	11
<i>Chironius fuscus</i> (Linnaeus, 1758)	18
<i>Chironius multiventris</i> Schmidt & Walker, 1943	15
<i>Chironius scurrulus</i> Wagler, 1824	05
<i>Chironius</i> sp.	02
<i>Dendrophidion dendrophis</i> (Schlegel, 1837)	15
<i>Drymarchon corais</i> (Boie, 1827)	08
<i>Drymoluber dichrous</i> (Peters, 1863)	20
<i>Drymobius rhombifer</i> (Günther, 1860)	02
<i>Leptophis ahaetulla</i> (Linnaeus, 1758)	12
<i>Mastigodryas boddaerti</i> (Sentzen, 1796)	16
<i>Oxybelis aeneus</i> (Wagler, 1824)	06
<i>Oxybelis fulgidus</i> (Daudin, 1803)	13
<i>Pseustes poecilonotus</i> (Günther, 1858)	08
<i>Pseustes sulphureus</i> (Wagler, 1824)	06
<i>Rhinobothryum lentiginosum</i> (Scopoli, 1785)	03
<i>Spilotes pullatus</i> (Linnaeus, 1758)	07
<i>Tantilla melanocephala</i> (Linnaeus, 1758)	11
Dipsadidae	
<i>Apostolepis pyymi</i> Boulenger, 1903	01
<i>Apostolepis quinquelineata</i> Boulenger, 1896	01
<i>Atractus latifrons</i> (Günther, 1868)	06
<i>Atractus major</i> Boulenger, 1894	11
<i>Atractus poeppigi</i> (Jan, 1862)	09
<i>Atractus schach</i> (Boie, 1827)	02
<i>Atractus snethlageae</i> Cunha & Nascimento, 1983	01
<i>Atractus</i> sp.	12
<i>Atractus torquatus</i> (Duméril, Bibron & Duméril, 1854)	40
<i>Atractus trilineatus</i> Wagler, 1828	01

<i>Clelia clelia</i> (Daudin, 1803)	07
<i>Clelia plumbea</i> (Wied, 1820)	03
<i>Dipsas catesbyi</i> (Sentzen, 1796)	20
<i>Dipsas indica</i> Laurenti, 1768	03
<i>Dipsas pavonina</i> Schlegel, 1837	04
<i>Dipsas</i> sp.	02
<i>Dipsas variegata</i> (Duméril, Bibron & Duméril, 1854)	01
<i>Drepanoides anomalus</i> (Jan, 1863)	21
<i>Erythrolamprus aesculapii</i> (Linnaeus, 1766)	11
<i>Helicops angulatus</i> (Linnaeus, 1758)	32
<i>Helicops hagmanni</i> Roux, 1910	04
<i>Helicops polylepis</i> Günther, 1861	03
<i>Helicops</i> sp.	02
<i>Hydrodynastes gigas</i> (Duméril, Bibron & Duméril, 1854)	08
<i>Hydrops martii</i> (Wagler, 1824)	04
<i>Hydrops</i> sp.	01
<i>Imantodes cenchoa</i> (Linnaeus, 1758)	20
<i>Imantodes lentiferus</i> (Cope, 1894)	01
<i>Leptodeira annulata</i> (Linnaeus, 1758)	44
<i>Liophis breviceps</i> Cope, 1860	06
<i>Liophis meridionalis</i> (Schenkel, 1901)	01
<i>Liophis poecilogyrus</i> (Wied, 1825)	02
<i>Liophis reginae</i> (Linnaeus, 1758)	25
<i>Liophis</i> sp.	02
<i>Liophis typhlus</i> (Linnaeus, 1758)	13
<i>Ninia hudsoni</i> Parker, 1940	01
<i>Oxyrhopus formosus</i> (Wied, 1820)	11
<i>Oxyrhopus melanogenys</i> (Tschudi, 1845)	31
<i>Oxyrhopus petola</i> (Linnaeus, 1758)	08
<i>Philodryas olfersi</i> (Lichtenstein, 1823)	01
<i>Philodryas</i> sp.	01
<i>Philodryas viridissima</i> (Linnaeus, 1758)	04
<i>Pseudoboa coronata</i> Schneider, 1801	09
<i>Pseudoboa neuwiedii</i> (Duméril, Bibron & Duméril, 1854)	01
<i>Pseudoboa</i> sp.	01
<i>Pseudoeryx plicatilis</i> (Linnaeus, 1758)	06
<i>Siphlophis cervinus</i> (Laurenti, 1768)	06
<i>Siphlophis compressus</i> (Daudin, 1803)	25
<i>Siphlophis</i> sp.	01
<i>Taeniophallus brevirostris</i> (Peters, 1863)	04
<i>Taeniophallus nicagus</i> (Cope, 1895)	03
<i>Taeniophallus occipitalis</i> (Jan, 1863)	01
<i>Umbrivaga pygmaea</i> (Cope, 1868)	06
<i>Xenodon rhabdocephalus</i> (Wied, 1824)	06
<i>Xenodon severus</i> (Linnaeus, 1758)	04
<i>Xenodon</i> sp.	01
<i>Xenopholis scalaris</i> (Wucherer, 1861)	13

Elapidae	
<i>Micrurus averyi</i> Schmidt, 1939	05
<i>Micrurus filiformis</i> (Günther, 1859)	02
<i>Micrurus hemprichii</i> (Jan, 1858)	19
<i>Micrurus langsdorffii</i> Wagler, 1824	07
<i>Micrurus lemniscatus</i> (Linnaeus, 1758)	13
<i>Micrurus paraensis</i> Cunha & Nascimento, 1973	03
<i>Micrurus</i> sp.	03
<i>Micrurus spixii</i> Wagler, 1824	13
<i>Micrurus surinamensis</i> (Cuvier, 1817)	10
Leptotyphlopidae	
<i>Epictia diaplocius</i> (Orejas-Miranda, 1969)	07
<i>Epictia tenellus</i> (Klauber, 1939)	03
<i>Siagonodon</i> sp.	06
<i>Tricheilostoma macrolepis</i> (Peters, 1857)	03
Typhlopidae	
<i>Typhlops minuisquamus</i> Dixon & Hendricks, 1979	02
<i>Typhlops reticulatus</i> (Linnaeus, 1758)	21
<i>Typhlops</i> sp.	08
Viperidae	
<i>Bothrocophias hyoprora</i> (Amaral, 1935)	04
<i>Bothrops atrox</i> (Linnaeus, 1758)	80
<i>Bothrops brazili</i> Hoge, 1954	04
<i>Bothriopsis taeniata</i> (Wagler, 1824)	01
<i>Lachesis muta</i> (Linnaeus, 1766)	06
TESTUDINES	
Chelidae	
<i>Chelus fimbriatus</i> (Schneider, 1783)	05
<i>Mesoclemmys gibba</i> (Schweigger, 1812)	08
<i>Mesoclemmys raniceps</i> (Gray, 1855)	07
<i>Mesoclemmys tuberculata</i> (Lüderwaldt, 1926)	01
<i>Phrynops geoffroanus</i> (Schweigger, 1812)	16
<i>Rhinemys rufipes</i> (Spix, 1824)	13
<i>Phrynops</i> sp.	02
<i>Phrynops tuberosus</i> (Peters, 1870)	03
<i>Platemys platycephala</i> (Schneider, 1792)	06
Emydidae	
<i>Trachemys adiutrix</i> Vanzolini, 1995	83
Geomydidae	
<i>Rhinoclemmys punctularia</i> (Daudin, 1801)	03
Kinosternidae	
<i>Kinosternon scorpioides</i> (Linnaeus, 1766)	02
Testudinidae	
<i>Chelonoidis carbonaria</i> (Spix, 1824)	01
<i>Chelonoidis denticulata</i> (Linnaeus, 1766)	01
Podocnemididae	
<i>Peltocephalus dumeriliana</i> (Schweigger, 1812)	110
<i>Podocnemis erythrocephala</i> (Spix, 1824)	453

<i>Podocnemis expansa</i> (Schweigger, 1812)	670
<i>Podocnemis sextuberculata</i> (Cornalia, 1849)	729
<i>Podocnemis unifilis</i> Troschel, 1848	266

Table 2. Species and number of specimens of amphibians in herpetological collection deposited at INPA

Order/ Family/ Species	Number of specimens
ANURA	
Allophrynidae	
<i>Allophryne ruthveni</i> Gaige, 1926	12
Aromobatidae	
<i>Allobates brunneus</i> (Cope, 1887)	76
<i>Allobates caeruleodactylus</i> (Lima & Caldwell, 2001)	36
<i>Allobates femoralis</i> (Boulenger, 1884 "1883")	820
<i>Allobates marchesianus</i> (Melin, 1941)	366
<i>Allobates nidicola</i> (Caldwell & Lima, 2003)	17
<i>Allobates</i> sp.	328
<i>Allobates subfolionidificans</i> (Lima, Sanchez & Souza, 2007)	01
<i>Anomaloglossus stepheni</i> (Martins, 1989)	1822
<i>Anomaloglossus tamacuarensis</i> (Myers & Donnelly, 1997)	18
Bufonidae	
<i>Atelopus spumarius</i> Cope, 1871	09
<i>Dendrophryniscus minutus</i> (Melin, 1941)	1009
<i>Dendrophryniscus</i> sp.	09
<i>Rhaebo guttatus</i> (Schneider, 1799)	90
<i>Rhinella castaneotica</i> (Caldwell, 1991)	51
<i>Rhinella dapsilis</i> (Myers & Carvalho, 1945)	03
<i>Rhinella granulosa</i> (Spix, 1824)	68
<i>Rhinella magnussoni</i> Lima, Menin & Araújo, 2007	38
<i>Rhinella margaritifera</i> (Laurenti, 1768)	1061
<i>Rhinella marina</i> (Linnaeus, 1758)	393
<i>Rhinella ocellata</i> (Günther, "1859"1858)	03
<i>Rhinella rubescens</i> (A. Lutz, 1925)	02
<i>Rhinella schneideri</i> (Werner, 1894)	10
<i>Rhinella</i> sp.	139
Centrolenidae	
<i>Cochranella</i> sp.	05
<i>Hyalinobatrachium nouraguensi</i> Lescure & Marty, 2000	11
Ceratophryidae	
<i>Ceratophrys cornuta</i> (Linnaeus, 1758)	15
Cycloramphidae	
<i>Odontophrynus cultripes</i> Reinhardt & Lütken, 1861 "1862"	01
<i>Proceratophrys</i> sp.	04
Dendrobatidae	

<i>Adelphobates castaneoticus</i> (Caldwell & Myers, 1990)	11
<i>Adelphobates quinquevittatus</i> (Steindachner, 1864)	31
<i>Ameerega braccata</i> (Steindachner, 1864)	01
<i>Ameerega flavopicta</i> (A. Lutz, 1925)	42
<i>Ameerega hahneli</i> (Boulenger, 1884 "1883")	124
<i>Ameerega picta</i> (Bibron in Tschudi, 1838)	406
<i>Ameerega trivittata</i> (Spix, 1824)	170
<i>Dendrobates tinctorius</i> (Cuvier, 1797)	04
<i>Epipedobates</i> sp.	08
<i>Ranitomeya vanzolinii</i> (Myers, 1982)	01
<i>Ranitomeya ventrimaculata</i> (Shreve, 1935)	09
Eleutherodactylidae	
<i>Phyzelaphryne miriamae</i> Heyer, 1977	33
Hemiphractidae	
<i>Hemiphractus scutatus</i> (Spix, 1824)	02
<i>Hemiphractus</i> sp.	04
<i>Stefania</i> sp.	01
Hylidae	
<i>Aparasphenodon venezolanus</i> (Mertens, 1950)	06
<i>Bokermannohyla pseudopseudis</i> (Miranda-Ribeiro, 1937)	02
<i>Dendropsophus brevifrons</i> (Duellman & Crump, 1974)	07
<i>Dendropsophus haraldschultzi</i> (Bokermann, 1962)	09
<i>Dendropsophus koechlini</i> (Duellman & Trueb, 1989)	73
<i>Dendropsophus leali</i> (Bokermann, 1964)	26
<i>Dendropsophus leucophyllatus</i> (Beireis, 1783)	86
<i>Dendropsophus marmoratus</i> (Laurenti, 1768)	26
<i>Dendropsophus microcephalus</i> (Cope, 1886)	41
<i>Dendropsophus minusculus</i> (Rivero, 1971)	02
<i>Dendropsophus minutus</i> (Peters, 1872)	111
<i>Dendropsophus miyatai</i> (Vigle and Goberdhan-Vigle, 1990)	19
<i>Dendropsophus nanus</i> (Boulenger, 1889)	99
<i>Dendropsophus parviceps</i> (Boulenger, 1882)	181
<i>Dendropsophus rhodopeplus</i> (Günther, 1859 "1858")	35
<i>Dendropsophus rossalleni</i> (Goin, 1959)	24
<i>Dendropsophus sarayacuensis</i> (Shreve, 1935)	51
<i>Dendropsophus</i> sp.	13
<i>Dendropsophus triangulum</i> (Günther, 1869 "1868")	51
<i>Dendropsophus walfordi</i> (Bokermann, 1962)	56
<i>Hypsiboas albopunctatus</i> (Spix, 1824)	29
<i>Hypsiboas boans</i> (Linnaeus, 1758)	104
<i>Hypsiboas calcaratus</i> (Troschel in Schomburgk, 1848)	55
<i>Hypsiboas cinereascens</i> (Spix, 1824)	55
<i>Hypsiboas crepitans</i> (Wied-Neuwied, 1824)	32
<i>Hypsiboas fasciatus</i> (Günther, 1859 "1858")	197
<i>Hypsiboas geographicus</i> (Spix, 1824)	235
<i>Hypsiboas lanciformis</i> (Cope, 1871)	108
<i>Hypsiboas leucocheilus</i> (Carmaschi & Niemeyer, 2003)	01

<i>Hypsiboas microderma</i> (Pyburn, 1977)	01
<i>Hypsiboas multifasciatus</i> (Günther, 1859 "1858")	29
<i>Hypsiboas punctatus</i> (Schneider, 1799)	119
<i>Hypsiboas raniceps</i> Cope, 1862	150
<i>Hypsiboas</i> sp.	01
<i>Hypsiboas wavrini</i> (Parker, 1936)	75
<i>Osteocephalus buckleyi</i> (Boulenger, 1882)	59
<i>Osteocephalus leprieurii</i> (Duméril & Bibron, 1841)	16
<i>Osteocephalus oophagus</i> Jungfer & Schiesari, 1995	64
<i>Osteocephalus planiceps</i> Cope, 1874	31
<i>Osteocephalus</i> sp.	213
<i>Osteocephalus taurinus</i> Steindachner, 1862	277
<i>Phyllomedusa atelopoides</i> Duellman, Cadle, & Cannatella, 1988	01
<i>Phyllomedusa bicolor</i> (Boddaert, 1772)	25
<i>Phyllomedusa hypochondrialis</i> (Daudin, 1800)	18
<i>Phyllomedusa palliata</i> Peters, 1873 "1872"	05
<i>Phyllomedusa</i> sp.	08
<i>Phyllomedusa tarsius</i> (Cope, 1868)	35
<i>Phyllomedusa tomopterna</i> (Cope, 1868)	47
<i>Phyllomedusa vaillantii</i> Boulenger, 1882	61
<i>Pseudis boliviana</i> (Gallardo, 1961)	135
<i>Pseudis laevis</i> Parker, 1935	62
<i>Pseudis limellum</i> (Cope, 1862)	26
<i>Pseudis paradoxa</i> (Linnaeus, 1758)	05
<i>Pseudis</i> sp.	09
<i>Scarthyla goinorum</i> (Bokermann, 1962)	66
<i>Scinax boesemani</i> (Goin, 1966)	61
<i>Scinax cruentommus</i> (Duellman, 1972)	100
<i>Scinax fuscomarginatus</i> (A. Lutz, 1925)	25
<i>Scinax fuscovarius</i> (A. Lutz, 1925)	11
<i>Scinax garbei</i> (Miranda-Ribeiro, 1926)	85
<i>Scinax nebulosus</i> (Spix, 1824)	17
<i>Scinax proboscideus</i> (Brongersma, 1933)	02
<i>Scinax ruber</i> (Laurenti, 1768)	392
<i>Scinax</i> sp.	73
<i>Sphaenorhynchus carneus</i> (Cope, 1868)	08
<i>Sphaenorhynchus dorisae</i> (Goin, 1957)	04
<i>Sphaenorhynchus lacteus</i> (Daudin, 1800)	55
<i>Sphaenorhynchus</i> sp.	10
<i>Trachycephalus coriaceus</i> (Peters, 1867)	14
<i>Trachycephalus resinifictrix</i> (Goeldi, 1907)	08
<i>Trachycephalus</i> sp.	09
<i>Trachycephalus venulosus</i> (Laurenti, 1768)	51
Leiuperidae	
<i>Edalorhina perezii</i> Jiménez de la Espada, 1871 "1870"	47
<i>Engystomops freibergeri</i> (Donoso-Barros, 1969)	05
<i>Engystomops petersi</i> Jiménez de la Espada, 1872	251

<i>Physalaemus centralis</i> Bokermann, 1962	20
<i>Physalaemus cuvieri</i> Fitzinger, 1826	26
<i>Physalaemus ephippifer</i> (Steindachner, 1864)	11
<i>Physalaemus marmoratus</i> (Reinhardt & Lütken, 1862 "1861")	03
<i>Pleurodema fuscomaculata</i> (Steindachner, 1864)	03
<i>Pleurodema</i> sp.	05
<i>Pseudopaludicola boliviana</i> Parker, 1927	04
<i>Pseudopaludicola ceratophryes</i> Rivero & Serna, 1984	31
<i>Pseudopaludicola falcipes</i> (Hensel, 1867)	02
<i>Pseudopaludicola</i> sp.	14
Leptodactylidae	
<i>Hydrolaetare dantasi</i> (Bokermann, 1959)	02
<i>Hydrolaetare schmidti</i> (Cochran & Goin, 1959)	29
<i>Leptodactylus andreae</i> Müller, 1923	1904
<i>Leptodactylus bolivianus</i> Boulenger, 1898	19
<i>Leptodactylus didymus</i> Heyer, García-Lopez & Cardoso, 1996	12
<i>Leptodactylus diedrus</i> Heyer, 1994	07
<i>Leptodactylus discodactylus</i> Boulenger, 1884 "1883"	159
<i>Leptodactylus fuscus</i> (Schneider, 1799)	02
<i>Leptodactylus hylaedactylus</i> (Cope, 1868)	05
<i>Leptodactylus knudseni</i> Heyer, 1972	06
<i>Leptodactylus labyrinthicus</i> (Spix, 1824)	11
<i>Leptodactylus latrans</i> (Steffen, 1815)	51
<i>Leptodactylus leptodactyloides</i> (Andersson, 1945)	04
<i>Leptodactylus lineatus</i> (Schneider, 1799)	51
<i>Leptodactylus longirostris</i> Boulenger, 1882	02
<i>Leptodactylus myersi</i> Heyer, 1995	02
<i>Leptodactylus mystaceus</i> (Spix, 1824)	180
<i>Leptodactylus mystacinus</i> (Burmeister, 1861)	27
<i>Leptodactylus paraensis</i> Heyer, 2005	10
<i>Leptodactylus pentadactylus</i> (Laurenti, 1768)	144
<i>Leptodactylus petersii</i> (Steindachner, 1864)	430
<i>Leptodactylus podicipinus</i> (Cope, 1862)	61
<i>Leptodactylus pustulatus</i> (Peters, 1870)	02
<i>Leptodactylus rhodomystax</i> Boulenger, 1884 "1883"	139
<i>Leptodactylus riveroi</i> Heyer & Pyburn, 1983	95
<i>Leptodactylus sabanensis</i> Heyer, 1994	01
<i>Leptodactylus</i> sp.	127
<i>Leptodactylus stenodema</i> Jiménez de la Espada, 1875	28
<i>Leptodactylus syphax</i> Bokermann, 1969	09
<i>Leptodactylus wagneri</i> (Peters, 1862)	27
Microhylidae	
<i>Chiasmocleis albopunctata</i> (Boettger, 1885)	05
<i>Chiasmocleis bassleri</i> Dunn, 1949	34
<i>Chiasmocleis hudsoni</i> Parker, 1940	24
<i>Chiasmocleis shudikarensis</i> Dunn, 1949	58

<i>Chiasmocleis</i> sp.	86
<i>Chiasmocleis ventrimaculata</i> (Andersson, 1945)	03
<i>Ctenophryne geayi</i> Mocquard, 1904	74
<i>Ctenophryne</i> sp.	01
<i>Elachistocleis bicolor</i> (Valenciennes in Guérin-Ménéville, 1838)	17
<i>Elachistocleis ovalis</i> (Schneider, 1799)	23
<i>Hamptophryne boliviana</i> (Parker, 1927)	44
<i>Otophryne pyburni</i> Campbell & Clarke, 1998	05
<i>Synapturanus mirandaribeiroi</i> Nelson & Lescure, 1975	17
<i>Synapturanus salseri</i> Pyburn, 1975	23
<i>Synapturanus</i> sp.	05
<i>Syncope</i> sp.	04
Pipidae	
<i>Pipa arrabali</i> Izecksohn, 1976	83
<i>Pipa pipa</i> (Linnaeus, 1758)	40
<i>Pipa snethlageae</i> Müller, 1914	02
Ranidae	
<i>Lithobates palmipes</i> (Spix, 1824)	51
Strabomantidae	
<i>Barycholos ternetzi</i> (Miranda-Ribeiro, 1937)	07
<i>Oreobates quixensis</i> Jiménez de la Espada, 1872	73
<i>Pristimantis altamazonicus</i> (Barbour & Dunn, 1921)	03
<i>Pristimantis buccinator</i> (Rodríguez, 1994)	61
<i>Pristimantis conscipillatus</i> (Günther, 1858)	05
<i>Pristimantis eurydactylus</i> (Hedges & Schlüter, 1992)	23
<i>Pristimantis fenestratus</i> (Steindachner, 1864)	642
<i>Pristimantis lacrimosus</i> (Jiménez de la Espada, 1875)	03
<i>Pristimantis malkini</i> (Lynch, 1980)	08
<i>Pristimantis marmoratus</i> (Boulenger, 1900)	10
<i>Pristimantis martiae</i> (Lynch, 1974)	14
<i>Pristimantis ockendeni</i> (Boulenger, 1912)	85
<i>Pristimantis peruvianus</i> (Melin, 1941)	53
<i>Pristimantis</i> sp.	135
<i>Pristimantis skydmainos</i> (Flores & Rodríguez, 1997)	59
<i>Pristimantis toftae</i> (Duellman, 1978)	10
<i>Pristimantis ventrimarmoratus</i> (Boulenger, 1912)	05
<i>Pristimantis zimmermanae</i> (Heyer and Hardy, 1991)	14
<i>Strabomantis sulcatus</i> (Cope, 1874)	03
CAUDATA	
Plethodontidae	
<i>Bolitoglossa paraensis</i> (Unterstein, 1930)	41
GYMNOPHIONA	
Caecilidae	
<i>Caecilia</i> sp.	05
<i>Nectocaecilia petersii</i> (Boulenger, 1882)	05
<i>Osaecilia</i> sp.	01
<i>Potomotyphlus kaupii</i> (Berthold, 1859)	26

<i>Siphonops annulatus</i> (Mikan, 1820)	02
<i>Siphonops paulensis</i> Boettger, 1892	01
<i>Typhlonectes compressicauda</i> (Duméril & Bibron, 1841)	42
Rhinatrematidae	
<i>Rhinatrema bivittatum</i> (Cuvier in Guérin-Méneville, 1829)	07

This collection is an important reference source for the herpetofauna of the Amazon, not only with regard to Brazil, but also to all countries where the predominant biome is Amazon forest, because there are specimens deposited in various states of Brazil and surrounding countries.

The states of Amazonas, Pará, Rondônia and Roraima are better represented in this collection. This probably is due to the large number of researchers, graduate and postgraduate studies developing by several Brazilian states in the region north of the country in many of these studies collected specimens are deposited in the herpetological collections of INPA. Therefore, this manuscript is justified by the contribution of important information about one of the largest collections of herpetological South America and the largest collection of turtles from Brazil.

Acknowledgments

We thank all researchers, students, interns and technicians whose work has added to the collection, maintenance of this collection and Gloria Moreira (*in memoriam*). T.J.Mendes-Pinto received a scholarship from the Coordenação de Aperfeiçoamento de Pessoal de Nível Superior-CAPES and Richard Vogt is a fellow of the CNPq Research Productivity - Level 2.

References

AURICCHIO, P.; SALOMÃO, M.G. (ed.). 2002. *Técnicas de coleta e preparação de vertebrados para fins científicos e didáticos*. Instituto Pau Brasil de História Natural, São Paulo, Brasil.

ÁVILA-PIRES, T. C. S.; HOOGMOED, M. S. VITT, L. J. 2007. Parte I: Herpetofauna da Amazônia. Págs. 14-43. En: *Herpetologia no Brasil II*. Nascimento, L.B.; Oliveira, M.E. (eds.). Sociedade Brasileira de Herpetologia.

AZEVEDO-RAMOS, C.; GALLATI, U. 2002. Patterns of amphibian diversity in Brazilian Amazonia: conservation implications. *Biol. Cons.* 103:103-111.

BÉRNILS, R.S. 2011. (org). Brazilian reptiles – Lista de espécies. Disponível em: <http://www.sbherpetologia.org.br/checklist/repteis.htm>. Sociedade Brasileira de Herpetologia. Acesso dia 10 de junho de 2011.

BONALDO, A. B. 2000. Taxonomia da subfamília Corinninae (Araneae, Corinnidae) nas regiões neotropical e neártica. *Iheringia Ser. Zool.* 89:3-148.

BRAWL, A.; LISE, A.A. 2002. Revisão taxonômica das espécies de *Vinnius* e a proposição de dois gêneros novos (Araneae, Salticidae). *Biociências* 10(2):87-125.

HALFFTER, G.; EZCURRA, E. 1992. ¿Qué es la biodiversidad?. Págs. 3-24. En: Halffter, G. (ed.). *La diversidad de Iberoamérica I*. Instituto de Ecología. México, Acta Zoológica Mexicana. México.

MARTINS, M. 1991. The lizards of Balbina, Central Amazonia, Brazil: a qualitative analysis of resource utilization. *Studies on Neotropical Fauna and Environment* 26 (3):179-190.

MARTINS, M.; OLIVEIRA, M.E. 1998. Natural history of snakes in tropical forests of the Manaus region, Central Amazônia, Brazil. *Herpetological Natural History* 6:78-150.

MARTINS, U.R. 1994. A coleção taxonômica. Págs. 19-43. En: Papavero, N. (org.). *Fundamentos práticos de taxonomia zoológica: coleções, bibliografia, nomenclatura*. 2. ed. Editora UNESP, São Paulo, Brasil.

MITTERMEIER, R.A.; AYRES, J.M.; WERNER, T.; FONSECA, G.A.B. 1992. O País da Megadiversidade. *Ciência Hoje* 14:20-27.

RODRIGUEZ, L.O.; DUELLMAN, W.E. 1994. *Guide to the frogs of the Iquitos Region, Amazonian Peru*. Asociacion de Ecologia y Conservacion, Amazon Center for Environmental Education and Research, and Natural History Museum, the University of Kansas, Lawrence, Kansas.

TOCHER, M. 1998. Diferenças na composição de espécies de sapos entre três tipos de floresta e campo de pastagem na Amazônia Central. Págs. 219-232. En: GASCON, C.; MOUTINHO, P. (Eds.). *Floresta Amazônica: Dinâmica, Regeneração e Manejo. Amazonas, Manaus*. Ministério da Tecnologia e Ciência, Instituto de Pesquisas da Amazônia. Brasil.

ZIMMERMAN, B.L.; RODRIGUES, M.T. 1990. Frogs, snakes, and lizards of the INPA/WWF reserves near Manaus, Brazil. Págs.. 426-454. En: GENTRY, A.H. (ed.), *Four Neotropical Rainforests*. Yale University Press. New Haven, EEUU.