

Appendix 1. Amphibians (frogs) and reptiles (lizards, snakes, crocodiles and turtles) recorded from San José del Guaviare, Guaviare, Colombia. Sampling sites: PG = Playa Güio; LP = La Pradera; LI = La Isla; PO = Puerta de Orión; CP = Ciudad de piedra; SF = Sabana La Fuga; PN = Puentes naturales; CD = Cascada Las Delicias; TA = Tranquilandia; CA = Cerro Azul; AF = Aqua Fresh; RM = Represa La María; PoN = Pozos Naturales; CRR = Roadside San José del Guaviare-Villavicencio-No exact location. (*): Species only observed, and/or registered with skin or bones. †: Study or source where amphibian and reptile species were registered for the municipality of San José del Guaviare. A = This study; B = Mueses-Cisneros & Caicedo-Portilla (2018); C = Acosta-Galvis *et al.* (2018b); D = Köhler & Kieckbusch (2014); E = Specimen IAvH-R-6950; F = Specimen MPUJ_REPT 525; G = Specimen ICN-R 7271; -- = Not apply-No data obtained in this study. °: Distribution in the areas adjacent to the east of the Andes. Am: Amazonia; Or: Orinoquia; GS: Guiana Shield; FH: Foothill; ▼: Species introduced.

Taxa	Sampling Sites	Abundance	Record [†]	Distribution [°]
Class Amphibia				
Order Anura				
Family Bufonidae				
<i>Rhinella beebei</i> (Gallardo, 1965)	CP	97	A, B	Or, GS, FH
<i>Rhinella dapsilis</i> (Myers & Carvalho, 1945)	--	--	B	Am
<i>Rhinella</i> gr. <i>margaritifera</i> (Laurenti, 1768)	PG, PN, PoN	20	A, B	Am, Or, GS, FH
<i>Rhinella marina</i> (Linnaeus, 1758)	PG, PN, CD	55	A, B	Am, Or, GS, FH
Family Centrolenidae				
<i>Vitreorana</i> sp. 1	LI	1	A	--
<i>Vitreorana</i> sp. 2	PO	1	A	--
Family Craugastoridae				
<i>Pristimantis vilarsi</i> (Melin, 1941)	PG, LP, PO, CP, PN, CD	176	A, B	Am
<i>Pristimantis</i> sp.	PN	4	A, B	--
Family Dendrobatidae				
<i>Hyloxalus picachos</i> (Ardila, Acosta & Coloma, 1999)	PO, PN, CA	16	A, B	FH
Family Hylidae				
<i>Boana boans</i> (Linnaeus, 1758)	CP, PG, PN, PoN	8	A	Am, Or, GS, FH
<i>Boana cinerascens</i> (Spix, 1824)	PG, LI	32	A, B	Am, Or, GS, FH
<i>Boana geographica</i> (Spix, 1824)	PoN	1	A	Am
<i>Boana lanciformis</i> (Cope, 1870)	PG, PO	2	A, B	Am, Or, GS, FH
<i>Boana maculateralis</i> (Caminer & Ron, 2014)	PG	19	A, C	Am
<i>Boana punctata</i> (Schneider, 1799)	PG, TA, RM	10	A, B	Am, Or, GS, FH
<i>Boana xerophylla</i> (Duméril & Bibron, 1841)	PG	1	A	Am, Or, GS, FH

<i>Dendropsophus reticulatus</i> (Jiménez de la Espada, 1870)	PG, PN	7	A	Am
<i>Dendropsophus mathiassoni</i> (Cochran & Goin, 1970)	PG, TA	5	A	Or, FH
<i>Dendropsophus minutus</i> (Peters, 1872)	PG, PN,	5	A	Am, Or, GS, FH
<i>Dendropsophus parviceps</i> (Boulenger, 1882)	PG, LI, PN	28	A, B	Am
<i>Dendropsophus triangulum</i> (Günther, 1869)	--	--	B	Am
<i>Osteocephalus cabrerai</i> (Cochran & Goin, 1970)	PO	1	A	Am, GS
<i>Osteocephalus deridens</i> Jungfer, Ron, Seipp & Almendariz, 2000	--	--	B	Am
<i>Osteocephalus planiceps</i> (Cope, 1874)	PO	2	A, B	Am, FH
<i>Osteocephalus taurinus</i> (Steindachner, 1862)	PG, PN	6	A, B	Am, Or, GS, FH
<i>Scinax aff. blairi</i>	PG	1	A	--
<i>Scinax garbei</i> (Miranda-Ribeiro, 1926)	CP	3	A	Am, GS, FH
<i>Scinax rostratus</i> (Peters, 1863)	PG, PN, TA	12	A	Or, GS
<i>Scinax ruber</i> (Laurenti, 1768)	PG, LP, SF, RM	16	A	Am, Or, GS, FH
<i>Scinax wandae</i> (Pyburn & Fouquette, 1971)	PG, CP, PN, TA, RM	11	A, B	Or
<i>Sphaenorhynchus lacteus</i> (Daudin, 1802)	PG	2	A	Am, GS, FH
<i>Trachycephalus typhonius</i> (Laurenti, 1768)	PG	1	A, B	Am, Or, GS, FH
Family Leptodactylidae				
<i>Adenomera hylaedactyla</i> (Cope, 1868)	CP, PN, RM	4	A, B	Am, GS
<i>Engystomops petersi</i> Jiménez de la Espada, 1872	--	--	B	Am, FH
<i>Leptodactylus colombiensis</i> Heyer, 1994	--	--	B	Or, FH
<i>Leptodactylus fuscus</i> (Schneider, 1799)	PG, PO, CP, PN	67	A, B	Am, Or, GS, FH
<i>Leptodactylus knudseni</i> (Heyer, 1972)	PO, PN	5	A, B	Am, GS
<i>Leptodactylus mystaceus</i> (Spix, 1824)	PG, RM	6	A	Am, GS
<i>Leptodactylus petersii</i> (Jiménez de la Espada, 1872)	PG, CP, PN, RM	39	A, B	Am, Or, GS
<i>Leptodactylus rhodomystax</i> Boulenger, 1883	--	--	B	Am, GS
<i>Leptodactylus</i> sp. nov.	--	--	B	--
<i>Lithodytes lineatus</i> (Schneider, 1799)	PN, AF	3	A, B	Am, GS
<i>Pseudopaludicola boliviana</i> (Parker, 1927)	PG	2	A	Am, Or, GS, FH
Family Microhylidae				
<i>Chiasmocleis bassleri</i> (Dunn, 1949)	PG, PN	6	A	Am
<i>Elachistocleis ovalis</i> (Schneider, 1799) <i>nomen inquirendae</i>	PG, PN, RM	13	A	Or, GS, FH
Family Phyllomedusidae				
<i>Phyllomedusa tarsius</i> (Cope, 1868)	PG	1	A	Am
Family Pipidae				
<i>Pipa pipa</i> (Linnaeus, 1758)	PG	2	A	Am, Or, GS, FH

Class Reptilia				
Order Crocodylia				
Family Alligatoridae				
<i>Caiman crocodilus</i> (Linnaeus, 1758)	PG	1	A, B	Am, Or, GS, FH
<i>Paleosuchus palpebrosus</i> (Cuvier, 1807)	--	--	B	Am, GS
<i>Paleosuchus trigonatus</i> (Schneider, 1801)	PG	9	A, B	Am, GS
Order Squamata				
Suborder Sauria				
Family Alopoglossidae				
<i>Ptychoglossus nicefori</i> (Loveridge, 1929)	CA, AF	2	A	Am, FH
Family Dactyloidae				
<i>Anolis auratus</i> (Daudin, 1802)	PG, PO, CP, SF, PN, PoN	26	A, B	Or, FH
<i>Anolis</i> aff. <i>auratus</i>	CP, PoN	43	A	--
<i>Anolis fuscoauratus</i> (D'Orbigny, 1837)	PG, PN, CD	54	A, B	Am, GS
<i>Anolis scypheus</i> (Cope, 1864)	PG, PO	5	A, B	Am, Or, GS
Family Gekkonidae				
<i>Hemidactylus frenatus</i> (Duméril & Bibron, 1836)	PN	4	A, B	Am, Or, GS, FH, ▼
Family Gymnophthalmidae				
<i>Bachia guianensis</i> (Hoogmoed & Dixon, 1977)	PO, PN	4	A, B	GS
<i>Cercosaura argula</i> (Peters, 1863)	PG	1	A	Am, FH
<i>Gymnophthalmus leucomystax</i> (Vanzolini & Carvalho, 1991)	CP, PoN	6	A	GS
<i>Loxopholis percarinatum</i> (Müller, 1923)	PG, PO, RM	17	A, B	Am
Family Iguanidae				
<i>Iguana iguana</i> (Linnaeus, 1758)	PG, PN, CD, CA	4	A, B	Am, Or, GS, FH
Family Phyllodactylidae				
<i>Thecadactylus rapicauda</i> (Houttuyn, 1782)	LP, CP, PN, TA	30	A, B	Am, Or, GS, FH
Family Scincidae				
<i>Mabuya altamazonica</i> (Millares, Barrio-Amoros, Rivas, Chaparro-Auza, 2006)	PO, CP	7	A	Am
Family Sphaerodactylidae				
<i>Gonatodes riveroi</i> (Sturaro & Avila-Pires, 2011)	PG, PO, PN, CD, CA, RM	111	A, B	Am, Or, GS
<i>Lepidoblepharis nukak</i> (Calderón-Espinosa & Medina-Rangel, 2016)	PG, PO, CP, PN, CA, PoN	71	A, B	GS
Family Teiidae				
<i>Ameiva ameiva</i> (Linnaeus, 1758)	CP	10	A, B	Am, Or, GS, FH

<i>Cnemidophorus gramivagus</i> (McCrystal & Dixon, 1987)	PO, CP, PN, RM, PoN	36	A, B	Or, GS
<i>Kentropyx pelviceps</i> (Cope, 1868)	RM	4	A, B	Am, GS
<i>Kentropyx striatus</i> (Daudin, 1802)	PO, SF	10	A	Am
<i>Tupinambis</i> aff. <i>cryptus</i> *	PG, PO, RM, PoN	4	A	Am, Or, GS
Family Tropiduridae				
<i>Plica</i> aff. <i>plica</i>	PG, PO, PN, CD	78	A	--
<i>Plica medemi</i> Murphy & Jowers, 2013	--	--	B	GS
<i>Uranoscodon superciliosus</i> (Linnaeus, 1758)	--	--	D	Am
Suborder Serpentes				
Family Boidae				
<i>Boa constrictor</i> (Linnaeus, 1758) *	PG, CA	2	A, B	Am, Or, GS, FH
<i>Corallus hortulanus</i> (Linnaeus, 1758)	PG, PO, CP	3	A, B	Am, Or, GS, FH
<i>Eunectes murinus</i> (Linnaeus, 1758) *	PG	1	A, B	Am, Or, GS
<i>Epicrates cenchria</i> (Linnaeus, 1758)	--	--	B	Am, Or, GS, FH
<i>Epicrates maurus</i> (Gray, 1849) *	PG	1	A	Am, Or, GS, FH
Family Colubridae				
<i>Atractus alytogrammus</i> Köhler & Kieckbusch, 2014	--	--	E	GS
<i>Atractus collaris</i> (Peracca, 1897)	CA	1	A	Am, FH
<i>Atractus fuliginosus</i> (Hallowell, 1845)	PG	1	A	Or, GS
<i>Chironius carinatus</i> (Linnaeus, 1758)	CP, PN	2	A	Am, Or, GS, FH
<i>Chironius exoletus</i> (Linnaeus, 1758)	CP	1	A, B	Am, GS
<i>Chironius fuscus</i> (Linnaeus, 1758)	RM	1	A	Am GS
<i>Chironius multiventris</i> (Schmidt & Walker, 1943)	PG	1	A	Am, Or, GS
<i>Chironius scurrulus</i> (Wagler, 1824)	LP	1	A, B	Am, GS
<i>Chironius spixii</i> (Hallowell, 1845)	--	--	B	Am, Or, GS
<i>Clelia clelia</i> (Daudin, 1803)	PG	1	A, B	Am, Or, GS, FH
<i>Dendrophidion dendrophis</i> (Schlegel, 1837)	CP	1	A	Am, Or, GS
<i>Dendrophidion</i> sp. nov.	PO	1	A, B	--
<i>Erythrolamprus aesculapii</i> (Linnaeus, 1758)	CP	1	A, B	Am, Or, GS
<i>Erythrolamprus reginae</i> (Linnaeus, 1758)	PG	1	A, B	Am, GS
<i>Erythrolamprus miliaris</i> (Linnaeus, 1758)	--	--	F	Am, Or, GS
<i>Helicops angulatus</i> (Linnaeus, 1758)	PG, PO, CP	4	A, B	Am, Or, GS
<i>Helicops</i> sp.	PoN	1	A	--
<i>Hydrops triangularis</i> (Wagler, 1824)	--	--	B	Am
<i>Imantodes cenchoa</i> (Linnaeus, 1758)	PG, LP, PO	3	A	Am, Or, GS, FH
<i>Leptodeira annulata</i> (Linnaeus, 1758)	PN, PG	3	A	Am, Or, GS, FH
<i>Mastigodryas boddaerti</i> (Sentzen, 1796)	PO	1	A, B	Am, Or, GS, FH
<i>Ninia atrata</i> (Hallowell, 1845)	CA, RM	4	A, B	Am, Or, GS, FH

<i>Oxybelis aeneus</i> (Wagler, 1824)	SF	1	A	Am, Or, GS, FH
<i>Oxyrhopus petolaris</i> (Linnaeus, 1758)	PG	1	A, B	Am, Or, GS, FH
<i>Oxyrhopus vanidicus</i> (Lynch, 2009)	PG	1	A, B	Am, Or
<i>Philodryas viridissima</i> (Linnaeus, 1758)	PG	1	A	Am, GS
<i>Pseudoboa coronata</i> (Schneider, 1801)	PG	1	A	Am, Or, GS
<i>Pseudoeryx plicatilis</i> (Linnaeus, 1758)	--	--	B	Am, GS
<i>Siphlophis cervinus</i> (Laurenti, 1768)	PG	1	A, B	Am, Or, GS, FH
<i>Siphlophis compressus</i> (Daudin, 1803)	PG	2	A, B	Am, Or, GS, FH
<i>Spilotes pullatus</i> (Linnaeus, 1758) *	PG	1	A, B	Am, Or, GS, FH
<i>Spilotes sulphureus</i> (Wagler, 1824)	--	--	B	Am, Or, GS, FH
<i>Thamnodynastes pallidus</i> (Linnaeus, 1758)	CA	1	A, B	Am, GS
Family Elapidae				
<i>Micrurus hemprichii</i> (Jan, 1858) *	CRR	1	A	Am, GS
<i>Micrurus lemniscatus</i> (Linnaeus, 1758)	--	--	B	Am, GS
<i>Micrurus surinamensis</i> (Cuvier, 1817)	CA	1	A	Am, GS
Family Leptotyphlopidae				
<i>Epictia amazonica</i> (Orejas-Miranda, 1969)	PO, CP	2	A	GS
<i>Trilepida macrolepis</i> (Peters, 1857)	--	--	B	Or, GS
Family Typhlopidae				
<i>Amerotyphlops reticulatus</i> (Linnaeus, 1758)	CD	1	A	Am, Or, GS
Viperidae				
<i>Bothrocophias hyoprora</i> (Amaral, 1935)	--	--	G	Am, Or, FH
<i>Bothrops atrox</i> (Linnaeus, 1758)	PG, PO	10	A, B	Am, Or, GS, FH
<i>Lachesis muta</i> (Linnaeus, 1766)	--	--	B	Am
Order Testudines				
Family Chelidae				
<i>Chelus fimbriata</i> (Schneider, 1783)	PG	1	A, B	Am, GS
<i>Mesoclemmys gibba</i> (Schweigger, 1812)	PG	1	A	Am, GS
Family Testudinidae				
<i>Chelonoidis denticulatus</i> (Linnaeus, 1766)	CA	1	A, B	Am, Or, GS
Family Podocnemidae				
<i>Podocnemis unifilis</i> (Troschel, 1848)	PG	10	A, B	Am, Or, GS, FH
<i>Podocnemis vogli</i> Müller, 1935	--	--	B	Am, Or, GS
Family Testudinidae				
<i>Chelonoidis denticulatus</i> (Linnaeus, 1766)	CA	1	A, B	Am, Or, GS

Appendix 2. Collection codes from the collected amphibians (frogs) and reptiles (lizards and snakes) recorded from San José del Guaviare, Guaviare, Colombia.

AMPHIBIA. *Rhinella beebei*: ICN 56514; *Rhinella* gr. *margaritifera*: ICN 56522-34; *Rhinella marina*: ICN 56515-21; *Vitreorana* sp. 1: ICN 56535; *Vitreorana* sp. 2: ICN 56536; *Pristimantis vilarsi*: ICN 56537-69, 56572, 56574; *Pristimantis* sp.: ICN 56568, 56570-71, 56573; *Hyloxalus picachos*: ICN 56502-1; *Boana geographica*: ICN 56575; *Boana lanciformis*: ICN 56586-87; *Boana maculateralis*: ICN 56576-82; *Boana punctata*: ICN 56583-88; *Boana xerophylla*: ICN 56589; *Dendropsophus mathiassoni*: ICN 56590-91; *Dendropsophus minutus*: ICN 56592-96; *Dendropsophus parviceps*: ICN 56597-611; *Dendropsophus reticulatus*: ICN 56612-16; *Osteocephalus planiceps*: ICN 56618-19; *Osteocephalus taurinus*: ICN 56617, 56620-22; *Scinax* aff. *blairi*: ICN 56626; *Scinax garbei*: ICN 56623-25; *Scinax rostratus*: ICN 56627-34, 56636-38; *Scinax wandae*: ICN 56635, 56639-49; *Sphaenorhynchus lacteus*: ICN 56650-51; *Trachycephalus typhonius*: ICN 56652; *Adenomera hylaedactyla*: ICN 56653-55, 56675; *Leptodactylus fuscus*: ICN 56669-74, 56676-83; *Leptodactylus knudseni*: ICN 56684-85; *Leptodactylus mystaceus*: ICN 56686-89; *Leptodactylus petersii*: ICN 56656-68; *Lithodytes lineatus*: ICN 56690-92; *Pseudopaludicola boliviana*: ICN 56693-94; *Chiasmocleis bassleri*: ICN 56695-701; *Elachistocleis ovalis* (*nomen inquirendae*): ICN 56702-09; *Phyllomedusa tarsius*: ICN 56710; *Pipa pipa*: ICN 56711-12. **REPTILIA.** *Ptychoglossus nicefori*: ICN-R 12517-18; *Anolis* aff. *auratus*: ICN-R 12292, 12338, 12355, 12476, 12478; *Anolis auratus*: ICN-R 12278, 12280, 12282, 12290, 12325-28, 12341, 12344, 12479, 12484, 12603, 12816, *Anolis fuscoauratus*: ICN-R 12259, 12279, 12281, 12283-85, 12287, 12289, 12294, 12321-23, 12345, 12348, 12364, 12487; *Anolis scyphus*: ICN-R 12257-58, 12296, 12349, 12474; *Hemidactylus frenatus*: ICN-R 12274, 12332-33, 12357; *Bachia guianensis*: ICN-R 12270, 12275, 12336, 12375; *Cercosaura argula*: ICN-R 12477; *Gymnophthalmus leucomystax*: ICN-R 12346, 12350, 12369; *Loxopholis percarinatum*: ICN-R 12269, 12293, 12353-54, 12358, 12361, 12371-72, 12469-71; *Thecadactylus rapicauda*: ICN-R 12265-67, 12317, 12318, 12334; *Mabuya altamazonica*: ICN-R 12319, 12472, 12489; *Gonatodes riveroi*: ICN-R 12255-56, 12272-73, 12276-77, 12286, 12288, 12291, 12295, 12342-43, 12352, 12356, 12362-63, 12365, 12367-68, 12370, 12475, 12480-83, 12486, 12490-91, 12495-96, 12731-38; *Lepidoblepharis nukak*: ICN-R 12303-07, 12309-13, 12329, 12351, 12359-60, 12366, 12373-74, 12463-68, 12514-16; *Ameiva ameiva*: ICN-R 12335, 12337, 12460; *Cnemidophorus gramivagus*: ICN-R 12260, 12330-31, 12340, 12347, 12376-77, 12379, 12485, 12488, 12492; *Kentropyx pelviceps*: ICN-R 12378; *Kentropyx striata*: ICN-R 12320, 12473; *Plica* aff. *plica*: ICN-R 12261-64, 12268, 12314-16, 12339, 12461-62; *Corallus hortulanus*: ICN-R 12444-45, 12820; *Atractus corallis*: ICN-R 12818; *Atractus fuliginosus*: ICN-R 12302; *Chironius carinatus*: ICN-R 12298, 12451; *Chironius exoletus*: ICN-R 12452; *Chironius multiventris*: ICN-R 12297; *Chironius fuscus*: ICN-R 12824; *Clelia clelia*: ICN-R 12507; *Dendrophidion dendrophis*: ICN-R 12817; *Dendrophidion* sp. 1: ICN-R 12301; *Erythrolamprus aesculapii*: ICN-R 12513; *Erythrolamprus reginae*: ICN-R 12454; *Helicops angulatus*: ICN-R 12446, 12455, 12508, 12819; *Helicops* sp.: ICN-R 12519; *Imantodes cenchoa*: ICN-R 12299, 12453, 12826, 12300, 12456-57; *Mastygodrias boddaerti*: ICN-R 12827; *Ninia atrata*: ICN-R 12510-12, 12823; *Oxybelis aeneus*: ICN-R 12458; *Oxyrhopus petolarius*: ICN-R 12822; *Oxyrhopus vanidicus*: ICN-R 13135 ; *Philodryas viridissima*: ICN-R 12449; *Pseudoboa coronata*: ICN-R 12825; *Siphlophis cervinus*: ICN-R 13136 ; *Siphlophis compressus*: ICN-R 12821; *Thamnodynastes pallidus*: ICN-R 12509; *Epictia amazonica*: ICN-R 12459, 12828; *Amerotyphlops reticulatus*: ICN-R 12450; *Bothrops atrox*: ICN-R 12447-48, 12493.

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Appendix 1. Amphibians (frogs) and reptiles (lizards, snakes, crocodiles and turtles) recorded from San José del Guaviare, Guaviare, Colombia.

Appendix 2. Collection codes from the collected amphibians (frogs) and reptiles (lizards and snakes) recorded from San José del Guaviare, Guaviare, Colombia.

Herpetofauna of San José del Guaviare, Guaviare, Colombia

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