

**NATURAL EXPANSION OR FACILITATED INTRODUCTION? FIRST
RECORD OF *BOANA RANICEPS* (ANURA: HYLIDAE) IN THE STATE
OF RIO DE JANEIRO, SOUTHEASTERN BRAZIL**

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SUPPLEMENTARY MATERIAL

Appendix I. Distribution data of *Boana raniceps* in available literature and new records obtained from examined materials in herpetological collections. ARG = Argentina; BOL = Bolivia; BRA = Brazil; COL = Colombia; GUF = French Guiana; PRY = Paraguay.

COUNTRY	STATES/DEPARTAMENTOS	MUNICIPALITY/PROVINCE	LOCALITY	COORDINATES		REFERENCES
				LATITUDE	LONGITUDE	
ARG	-	Buenos Aires	Delta do Rio Paraná	-34332029	-58583517	Basso (1995)
ARG	-	Chaco	-	-26499990	-61000038	Lavilla & Ponssa (2000); Lavilla et al. (2000); Álvarez et al. (2009)
ARG	-	Chaco	Antequera	-27420355	-58831263	Kolenc et al. (2008)
ARG	-	Chaco	Colonia Benítez	-27329306	-58950372	Doria et al. (2001)
ARG	-	Chaco	Libertador General San Martín	-26309015	-59463086	Kolenc et al. (2008)
ARG	-	Chaco	Resistencia	-27455446	-59004552	Boulenger (1889); Berg (1896); Peltzer & Lajmanovich (2001); Doria et al. (2001)
ARG	-	Corrientes	Curuzú Cuatiá	-29183324	-58500055	Kolenc et al. (2008)
ARG	-	Corrientes	Goya, Ilha do Rio Paraná	-29124802	-59291419	Present study
ARG	-	Corrientes	Ituzaingó	-27588062	-56690039	Straneck et al. (1993); Lavilla & Ponssa (2000); Lavilla et al. (2000); Alcalde & Rosset (2003); Kolenc et al. (2008); Zaracho et al. (2014)
ARG	-	Entre Ríos	-	-31986393	-59456486	Lavilla et al. (2000)
ARG	-	Entre Ríos	Parana	-31716658	-60500034	Peltzer & Lajmanovich (2001)
ARG	-	Entre Ríos	Pre-Delta National Park, Diamante	-32061953	-60644221	Sanchez et al. (2009)
ARG	-	Formosa	-	-25000000	-60000034	Lavilla & Ponssa (2000); Lavilla et al. (2000); Peltzer & Lajmanovich (2001); Álvarez et al. (2009)
ARG	-	Jujuy	-	-23758987	-65126264	Lavilla et al. (2000)

COUNTRY	STATES/DEPARTAMENTOS	MUNICIPALITY/PROVINCE	LOCALITY	COORDINATES		REFERENCES
				LATITUDE	LONGITUDE	
ARG	-	Misiones	-	-26762749	-54432480	Lavilla et al. (2000); Peltzer & Lajmanovich (2001)
ARG	-	Salta	-	-24812293	-65429784	Lavilla & Ponssa (2000); Lavilla et al. (2000)
ARG	-	Santa Fe	Vera	-29426164	-60353584	Lavilla et al. (2000); Kolenc et al. (2008); Peltzer & Lajmanovich (2001)
BOL	Beni	-	Estación Biologica Beni	-14672708	-66257611	De La Riva (1990); Padial et al. (2003)
BOL	Beni	Ballivián	Rurrenabaque	-14427124	-67517076	De La Riva (1990); Köhler (2000)
BOL	Beni	Cercado	Trinidad	-14828158	-64897477	De La Riva (1990)
BOL	Beni	Iténez	Bella Vista	-13269101	-63698634	Padial et al. (2006)
BOL	Beni	José Ballivián	San Borja	-14863540	-66731554	De La Riva (1990); Padial et al. (2003)
BOL	Beni	Puerto Almacen	-	-14868238	-64966992	Marquez et al. (1993)
BOL	Beni	Vaca Díez	Esperanza	-11849507	-66766549	Procter, 1921; De La Riva (1990)
BOL	Beni	Vaca Díez	Guayaramerín	-10821202	-65365985	De La Riva (1990)
BOL	Beni	Vaca Díez	Ivón	-11127391	-66131678	De La Riva (1990)
BOL	Beni	Vaca Díez	Tumi Chucua	-11147426	-66166691	De La Riva (1990)
BOL	La Paz	Sudyungas	Santa Ana de Movimas	-16424034	-67578080	Boulenger (1898a)
BOL	Santa Cruz	-	Parque Nacional Noel Kempf	-14219471	-61088515	Padial et al. (2003)
BOL	Santa Cruz	Andrés Ibáñez	Santa Cruz de la Sierra	-17782270	-63151588	Parker (1928); De La Riva (1990)

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				LATITUDE	LONGITUDE	
BOL	Santa Cruz	Capital	Concepción	-16137472	-62034568	De La Riva (1990); Köhler (2000)
BOL	Santa Cruz	Chiquitos	San José de Chiquitos	-17836945	-60751466	De La Riva (1990)
BOL	Santa Cruz	Germán Busch	San Fermín	-18783141	-58360792	De La Riva (1990)
BOL	Santa Cruz	Ichilo	Buenavista	-17460874	-63666327	De La Riva (1990)
BOL	Santa Cruz	Ñuflo de Chávez	Los Troncos	-16667249	-61945944	De La Riva (1990)
BOL	Santa Cruz	Ñuflo de Chávez	Puerto Almacén	-15750288	-62249959	De La Riva (1990)
BOL	Santa Cruz	Ñuflo de Chávez	San Ramón	-16605389	-62508859	De La Riva (1990)
BOL	Santa Cruz	Ñuflo de Chávez	San Sebastián	-16349990	-62000015	Schulze et al. (2009); Schulze et al. (2015)
BRA	Acre	Cruzeiro do Sul	-	-7616494	-72678510	Carvalho et al. (2010)
BRA	Alagoas	Campo Alegre	-	-9783125	-36350750	Almeida et al. (2016)
BRA	Alagoas	Coruripe	-	-10124438	-36176604	Almeida et al. (2016)
BRA	Alagoas	Flexeiras	-	-9242629	-35780555	Almeida et al. (2016)
BRA	Alagoas	Igreja Nova	-	-10123663	-36661810	Almeida et al. (2016)
BRA	Alagoas	Maceió	-	-9638756	-35719645	Caramaschi & Niemeyer (2003); Almeida et al. (2016); Present study
BRA	Alagoas	Monteirópolis	-	-9604047	-37250865	Almeida et al. (2016)
BRA	Alagoas	Murici	-	-9310192	-35941873	Almeida et al. (2016)
BRA	Alagoas	Passo do Camaragibe	Fazenda Santa Justina	-9245535	-35474787	Caramaschi & Niemeyer (2003); Almeida et al. (2016); Present study
BRA	Alagoas	Penedo	-	-10287577	-36584939	Almeida et al. (2016)
BRA	Alagoas	Porto Real do Colégio	-	-10185300	-36837880	Almeida et al. (2016)

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				LATITUDE	LONGITUDE	
BRA	Alagoas	Quebrangulo	-	-9320424	-36469587	Caramaschi & Niemeyer (2003); Present study
BRA	Alagoas	Rio Largo	-	-9483168	-35834032	Almeida et al. (2016)
BRA	Alagoas	São Miguel dos Campos	Fazenda do Prata	-9782606	-36105968	Caramaschi & Niemeyer (2003); Present study
BRA	Alagoas	São Sebastião	-	-9944234	-36572101	Almeida et al. (2016)
BRA	Alagoas	Traipu	-	-9971345	-37003668	Almeida et al. (2016)
BRA	Amazonas	Benjamin Constant	Rio Itacoaí	-5342812	-70292426	Present study
BRA	Amazonas	Beruri	-	-3892389	-61326201	Caramaschi & Niemeyer (2003)
BRA	Amazonas	Boca do Acre	-	-9013056	-67181122	França & Venâncio (2010)
BRA	Amazonas	Careiro	-	-3592619	-60205023	Caramaschi & Niemeyer (2003)
BRA	Amazonas	Codajás	-	-3714871	-62119624	Caramaschi & Niemeyer (2003)
BRA	Amazonas	Humaitá	Universidade do Estado do Amazonas	-7516876	-63028187	Caramaschi & Niemeyer (2003); Present study
BRA	Amazonas	Irاندوبا	Ilha da Paciência	-3302238	-60235855	Caramaschi & Niemeyer (2003)
BRA	Amazonas	Irاندوبا	Lago Janauari	-3211676	-60034229	Caramaschi & Niemeyer (2003)
BRA	Amazonas	Manacapuru	-	-3183219	-60511721	Caramaschi & Niemeyer (2003)
BRA	Amazonas	Manaus	-	-3049989	-60033338	Hödl (1990)
BRA	Amazonas	Manaus	INPA	-3094433	-59989040	Zimmerman (1983)
BRA	Amazonas	Paritins	Marajó	-2916204	-56815595	Present study
BRA	Amazonas	Tapauá	Rio Puruzinho	-5859780	-64393977	Caramaschi & Niemeyer (2003)

COUNTRY	STATES/DEPARTAMENTOS	MUNICIPALITY/PROVINCE	LOCALITY	COORDINATES		REFERENCES
				LATITUDE	LONGITUDE	
BRA	Amazonas	Urucará	-	-832196	-59253377	Caramaschi & Niemeyer (2003); Present study
BRA	Amazonas	Urucará	Marajatuba	-2431780	-57639971	Present study
BRA	Amapá	Laranjal do Jari	-	-2431780	-57639971	Present study
BRA	Amapá	Macapá	Instituto de Pesquisas Científicas e Tecnológicas do Estado do Amapá	28971	-51067313	Present study
BRA	Amapá	Macapá	Parque Zoo-Botânico	-40713	-51096045	Present study
BRA	Amapá	Mazagão	-	-102923	-51284959	Present study
BRA	Bahia	Barreiras	Prainha	-12173461	-45041097	Caramaschi & Niemeyer (2003); Present study
BRA	Bahia	Barreiras	Rio das Ondas	-12301942	-45572844	Present study
BRA	Bahia	Bom Jesus da Lapa	-	-13201847	-43301119	Present study
BRA	Bahia	Camaçari	-	-12700058	-38327214	Freitas & Silva (2004)
BRA	Bahia	Chorrochó	Barra do Tarrachil	-8798303	-38965301	Caramaschi & Niemeyer (2003)
BRA	Bahia	Dias d'Ávila	-	-12609331	-38303712	Freitas & Silva (2004)
BRA	Bahia	Formosa do Rio Preto	Fazenda Brito	-10561449	-45447836	Present study
BRA	Bahia	Itagibá	-	-14301056	-39795031	Present study
BRA	Bahia	Jequié	Rua Pernambuco	-13859777	-40059631	Present study
BRA	Bahia	Juazeiro	-	-9416962	-40512688	Present study
BRA	Bahia	Maracás	-	-13498991	-40415408	Caramaschi & Niemeyer (2003); Present study

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				LATITUDE	LONGITUDE	
BRA	Bahia	Maraú	-	-14103790	-39015275	Present study
BRA	Bahia	Queimadas	-	-10997132	-39657935	Caramaschi & Niemeyer
BRA	Bahia	Xique-Xique	-	-11134322	-42986695	Caramaschi & Niemeyer (2003)
BRA	Ceará	Araripe	-	-7263360	-39903392	Caramaschi & Niemeyer (2003); Present study
BRA	Ceará	Barbalha	Caldas, Sítio Pinheiros	-7364021	-39342496	Chaves et al. (2012)
BRA	Ceará	Baturité	Maciço de Baturité	-4328176	-38880037	Present study
BRA	Ceará	Crato	-	-7240083	-39438709	Miranda-Ribeiro (1937); Caramaschi & Niemeyer (2003); Present study
BRA	Ceará	Fortaleza	-	-3799579	-38578657	Cochran (1955)
BRA	Ceará	Fortaleza	Mucuripe	-3727246	-38483188	Present study
BRA	Ceará	Jati	-	-7688221	-38950836	Present study
BRA	Ceará	Maranguapé	-	-3896538	-38684963	Present study
BRA	Ceará	Missão Velha	-	-7255839	-39140673	Present study
BRA	Ceará	Mulungu	-	-4289120	-38983400	Present study
BRA	Ceará	Tianguá	-	-3735480	-40988554	Present study
BRA	Distrito Federal	Brasília	-	-15779720	-47929720	Valdujo et al. (2012)
BRA	Goiás	Aporé	UEH Espora	-18678042	-51866015	Caramaschi & Niemeyer (2003); Vaz-Silva et al. (2007); Present study
BRA	Goiás	Barro Alto	Rio Maranhão	-14840545	-48750054	Present study
BRA	Goiás	Colinas do Sul	-	-14252767	-47983059	Present study

COUNTRY	STATES/DEPARTAMENTOS	MUNICIPALITY/PROVINCE	LOCALITY	COORDINATES		REFERENCES
				LATITUDE	LONGITUDE	
BRA	Goiás	Flores de Goiás	Rio Santa Maria	-14450304	-46848669	Present study
BRA	Goiás	Gameleira de Goiás	Mocambinho	-16397739	-48684703	Present study
BRA	Goiás	Itumbiara	-	-18536488	-49429833	Present study
BRA	Goiás	Ivolândia	-	-16739520	-51135447	Caramaschi & Niemeyer (2003); Present study
BRA	Goiás	Mara Rosa	Amaro Leite	-13965164	-49154481	Present study
BRA	Goiás	Mináçu	Serra da Mesa	-13533060	-48220000	Present study
BRA	Goiás	Nerópolis	-	-16402583	-49221842	Caramaschi & Niemeyer (2003); Present study
BRA	Goiás	Niquelândia	-	-14159400	-48335025	Oda et al. (2009)
BRA	Goiás	Pontalina	Lagoa Grande	-17523045	-49446961	Guimarães et al. (2001a; 2001b); Guimarães & Bastos (2003)
BRA	Goiás	Porangatu	BR 153	-13278132	-49128181	Present study
BRA	Maranhão	Alto Alegre do Pindaré	Três Bocas	-3667423	-45842619	Caramaschi & Niemeyer (2003); Present study
BRA	Maranhão	Arari	-	-3526501	-44733486	Caramaschi & Niemeyer (2003); Present study
BRA	Maranhão	Barra do Corda	-	-5498767	-45248597	Caramaschi & Niemeyer (2003)
BRA	Maranhão	Imperatriz	Horto Florestal Arara Azul	-5491888	-47468050	Present study
BRA	Maranhão	São Luís	Ponta da Madeira	-2535657	-44353689	Present study

COUNTRY	STATES/DEPARTAMENTOS	MUNICIPALITY/PROVINCE	LOCALITY	COORDINATES		REFERENCES
				LATITUDE	LONGITUDE	
BRA	Maranhão	São Pedro da Água Branca	-	-5213823	-48565993	Caramaschi & Niemeyer (2003); Present study
BRA	Minas Gerais	Aparecida do Taboado	-	-20084004	-51092420	Present study
BRA	Minas Gerais	Araguari	-	-18650517	-48182919	Carvalho et al. (2010)
BRA	Minas Gerais	Buritzeiro	UEH Formoso	-17555692	-45240069	Caramaschi & Niemeyer (2003); Present study
BRA	Minas Gerais	Carmo do Rio Claro	-	-20971940	-46118890	Present study
BRA	Minas Gerais	Jafba	Lagoa do Sossego	-15107764	-44025204	Present study
BRA	Minas Gerais	Jafba	Mocambinho	-15091899	-44025519	Present study
BRA	Minas Gerais	Januária	-	-15483930	-44363831	Cochran (1955)
BRA	Minas Gerais	João Pinheiro	-	-17742500	-46172500	Silveira (2006); Present study
BRA	Minas Gerais	Manga	-	-14687009	-44075340	Caramaschi & Niemeyer (2003); Present study
BRA	Minas Gerais	Pirapora	-	-17348075	-44934422	Caramaschi & Niemeyer (2003); Present study
BRA	Minas Gerais	Uberlândia	-	-18918610	-48277220	Carvalho et al. (2010)
BRA	Mato Grosso do Sul	Aquidauana	-	-20461938	-55776376	Caramaschi & Niemeyer (2003); Present study
BRA	Mato Grosso do Sul	Bonito	Estância Mimosa	-20982789	-56516293	Present study
BRA	Mato Grosso do Sul	Campo Grande	Avenida Guaicurus	-20529931	-54613490	Caramaschi & Niemeyer (2003); Present study
BRA	Mato Grosso do Sul	Cassilândia	Fazenda Salto	-19115956	-51709238	Present study
BRA	Mato Grosso do Sul	Corumbá	Carandázal	-18616596	-56100024	Present study

COUNTRY	STATES/DEPARTAMENTOS	MUNICIPALITY/PROVINCE	LOCALITY	COORDINATES		REFERENCES
				LATITUDE	LONGITUDE	
BRA	Mato Grosso do Sul	Corumbá	EMBRAPA	-19019530	-57657103	Present study
BRA	Mato Grosso do Sul	Corumbá	Fazenda Campo Dorá	-18916637	-56650003	Caramaschi & Niemeyer (2003); Present study
BRA	Mato Grosso do Sul	Corumbá	Urucum	-19199944	-57600488	Peracca (1904); Parker (1928); Cochran (1955)
BRA	Mato Grosso do Sul	Dourados	Parque Natural Municipal do Paragem	-22232164	-54863752	Present study
BRA	Mato Grosso do Sul	Miranda	Salobra	-20186963	-56546858	Present study
BRA	Mato Grosso do Sul	Tacuru	Rodovia MS 295	-23520556	-55124160	Present study
BRA	Mato Grosso	Alto Araguaia	-	-17223596	-53431145	Present study
BRA	Mato Grosso	Barão de Meigaço	RPPN SESC Pantanal	-16441122	-56234887	Present study
BRA	Mato Grosso	Barra dos Bugres	-	-15064790	-57210001	Caramaschi & Niemeyer (2003); Present study
BRA	Mato Grosso	Cáceres	-	-16202189	-58084446	Caramaschi & Niemeyer (2003); Present study
BRA	Mato Grosso	Comodoro	-	-13397034	-59906119	Present study
BRA	Mato Grosso	Cuiabá	Buriti, Chapada dos Guimarães	-15390270	-55853940	Parker (1928); Caramaschi & Niemeyer (2003); Present study
BRA	Mato Grosso	Cuiabá	Jardim Califórnia	-15626346	-56072775	Present study
BRA	Mato Grosso	Cuiabá	Rio Coxipó	-15620180	-56039785	Doria et al. (2001)
BRA	Mato Grosso	Cuiabá	Universidade Federal do Mato Grosso	-15609597	-56065088	Caramaschi & Niemeyer (2003); Present study

COUNTRY	STATES/DEPARTAMENTS	MUNICIPALITY/PROVINCE	LOCALITY	COORDINATES		REFERENCES
				LATITUDE	LONGITUDE	
BRA	Mato Grosso	Diamantino	Porto Esperança	-14160351	-56075845	Present study
BRA	Mato Grosso	Jangada	-	-15206804	-56507391	Present study
BRA	Mato Grosso	Lambari D'Oeste	Centro	-15322632	-58002027	Present study
BRA	Mato Grosso	Porto Espiridião	-	-15857319	-58461903	Present study
BRA	Mato Grosso	Porto Estrela	-	-15544959	-57246496	Carvalho et al. (2010)
BRA	Mato Grosso	Rio Branco	-	-15248736	-58126422	Present study
BRA	Mato Grosso	Santa Teresinha	Tapirapé	-10645128	-50613729	Caramaschi & Niemeyer (2003)
BRA	Mato Grosso	São Félix do Araguaia	-	-11620458	-50670910	Present study
BRA	Pará	Belém	-	-1391315	-48451795	Crump (1971); Hödl (1990); Duellman (1997); Caramaschi & Niemeyer (2003); Present study
BRA	Pará	Cachoeira do Arari	Ilha de Marajó	-1188049	-48823045	Cochran (1955); Caramaschi & Niemeyer (2003); Present study
BRA	Pará	Curuá	-	-1888361	-55117063	Present study
BRA	Pará	Faro	Rio Inhamunda	-1249070	-57514237	Caramaschi & Niemeyer (2003)
BRA	Pará	Jacareacanga	-	-6890326	-57816652	Carvalho et al. (2010)
BRA	Pará	Monte Alegre	-	-1999576	-54069021	Present study
BRA	Pará	Oriximiná	-	-1999576	-54069021	Caramaschi & Niemeyer (2003); Present study
BRA	Pará	Piçarra	-	-6530630	-49010076	Present study
BRA	Pará	Porto de Moz	-	-1747212	-52236551	Present study
BRA	Pará	Santarém	-	-2419731	-54796245	Caramaschi & Niemeyer (2003)
BRA	Pará	Santarém	Ponta Negra	-2419731	-54796245	Caramaschi & Niemeyer (2003)

COUNTRY	STATES/DEPARTAMENTOS	MUNICIPALITY/PROVINCE	LOCALITY	COORDINATES		REFERENCES
				LATITUDE	LONGITUDE	
BRA	Pará	Santarém	Taperinha	-2491171	-54304042	Caramaschi & Niemeyer (2003)
BRA	Pará	São Geraldo do Araguaia	-	-6376233	-48612907	Present study
BRA	Pará	Tucuruí	BR 422, Km 50	-3758075	-49682945	Caramaschi & Niemeyer (2003)
BRA	Paraíba	Areia	Mata do Pau Ferro	-6966667	-35683756	Caramaschi & Niemeyer (2003); Present study
BRA	Paraíba	Boqueirão	-	-7459190	-36133217	Present study
BRA	Paraíba	Caiçara	-	-6552267	-35408488	Caramaschi & Niemeyer (2003)
BRA	Paraíba	Coremas	-	-7018312	-37944814	Caramaschi & Niemeyer (2003)
BRA	Paraíba	Gurinhém	-	-7141719	-35460323	Caramaschi & Niemeyer (2003)
BRA	Paraíba	João Pessoa	Mata do Buraquinho	-7145000	-34865015	Santana et al. (2008)
BRA	Paraíba	Mamanguape	-	-6694372	-35168842	Caramaschi & Niemeyer (2003); Present study
BRA	Paraíba	São José do Bonfim	-	-7183387	-37316703	Arzabe (1999); Carvalho et al. (2010)
BRA	Paraíba	Teixeira	-	-7221735	-37252060	Zina et al. (2010)
BRA	Pernambuco	Betânia	Tapera	-8399957	-38083341	Present study
BRA	Pernambuco	Bodocó	Sipaúba	-6694372	-35168842	Caramaschi & Niemeyer (2003); Present study
BRA	Pernambuco	Exú	-	-7492017	-39757054	Caramaschi & Niemeyer (2003); Present study
BRA	Pernambuco	Recife	-	-8061647	-34959432	Caramaschi & Niemeyer (2003); Zina et al. (2010); Present study
BRA	Pernambuco	Recife	Afogados	-8071383	-34905681	Present study
BRA	Piauí	Brejo do Piauí	-	-8420123	-42758526	Roberto et al. (2013); Present study
BRA	Piauí	Caxingó	-	-3419452	-41895878	Roberto et al. (2013)

COUNTRY	STATES/DEPARTAMENTOS	MUNICIPALITY/PROVINCE	LOCALITY	COORDINATES		REFERENCES
				LATITUDE	LONGITUDE	
BRA	Piauí	Ilha Grande de Santa Isabel	-	-2837611	-41796437	Roberto et al. (2013); Silva et al. (2010)
BRA	Piauí	Parnaíba	-	-2908377	-41774654	Roberto et al. (2013); Present study
BRA	Piauí	Valença do Piauí	-	-6359772	-41739885	Caramaschi & Niemeyer (2003)
BRA	Piauí	Piripiri	-	-4276228	-41769980	Caramaschi & Niemeyer (2003); Present study
BRA	Paraná	Curitiba	-	-25427780	-49273060	Present study
BRA	Rio Grande do Norte	Angicos	-	-5645252	-36600781	Caramaschi & Niemeyer (2003)
BRA	Rio Grande do Norte	Natal	Genipabu	-5709794	-35231020	Cochran (1955); Caramaschi & Niemeyer (2003); Present study
BRA	Rondônia	Nova Esperança	-	-12726081	-60109850	Vanzolini (1986)
BRA	Rondônia	Porto Velho	Guaporé	-8765222	-63860224	Present study
BRA	Rondônia	Vilhena	-	-12755439	-60104603	Vanzolini (1986)
BRA	Roraima	Boa Vista	Campus Experimental Cauamé	2871994	-60711171	Carvalho et al. (2014)
BRA	Sergipe	Brejo Grande	-	-10485700	-36499963	Caramaschi & Niemeyer (2003); Present study
BRA	Sergipe	Capela	-	-10509578	-37053388	Rocha et al. (2015)
BRA	Sergipe	Propiá	-	-10215597	-36834380	Zina et al. (2010)
BRA	Sergipe	Santa Luzia do Iranhy	-	-11364695	-37501845	Present study
BRA	Sergipe	Santo Amaro das Brotas	-	-10789702	-37056746	Caramaschi & Niemeyer (2003)
BRA	São Paulo	Atibaia	-	-23124945	-46556375	Zina et al. (2010)
BRA	São Paulo	Ibirá	-	-21095824	-49236817	Vizotto (1967)
BRA	São Paulo	Nova Aliança	Nova Itapirema	-21032662	-49468206	Rossa-Feres & Jim (2001);

COUNTRY	STATES/DEPARTAMENTS	MUNICIPALITY/PROVINCE	LOCALITY	COORDINATES		REFERENCES
				LATITUDE	LONGITUDE	
BRA	São Paulo	Pariquera-Açu	-	-24718128	-47875920	Zina et al. (2010); Present study
BRA	São Paulo	Presidente Epitácio	-	-21799246	-52131698	Present study
BRA	Tocantins	Aragominas	-	-7160395	-48529613	Present study
BRA	Tocantins	Goiatins	-	-8014344	-47590304	Present study
BRA	Tocantins	Mateiros	Estação Ecológica Serra Geral do Tocantins	-11069440	-46530414	Valdujo et al. (2011)
BRA	Tocantins	Mateiros	Parque Estadual Jalapão	-10384595	-46695453	Valdujo et al. (2011)
BRA	Tocantins	Muricilândia	-	-7147088	-48609560	Present study
BRA	Tocantins	Palmeirante	-	-7853812	-47930595	Present study
BRA	Tocantins	Tupiratins	-	-8354099	-48196868	Present study
COL	Amazonas	Leticia	Lago Yahuaraca	-4183323	-69950016	Lynch & Mayorga (2011)
GUF	-	Cayenne	-	4922997	-52317076	Lescure (1976); Lescure & Marty (2000)
GUF	-	Kourou	-	5173919	52652772	Lescure (1976); Lescure & Marty (2000)
GUF	-	Kourou	-	5141049	-52645848	Lescure & Marty (2000)
GUF	-	Macouria	-	5049137	-52511010	Lescure & Marty (2000)
GUF	-	Macouria	-	4914810	-52377651	Lescure & Marty (2000)
GUF	-	Regina	-	4487509	-51964793	Lescure & Marty (2000)
GUF	-	Regina	-	4539047	-52011650	Lescure & Marty (2000)
GUF	-	Regina	-	4593890	-52052884	Lescure & Marty (2000)
GUF	-	Regina	-	4607627	-52118896	Lescure & Marty (2000)
GUF	-	Remire-Montjoly	-	4898312	-52292301	Lescure & Marty (2000)
GUF	-	Sinnamary	-	5448129	-52999427	Lescure & Marty (2000)

COUNTRY	STATES/DEPARTAMENTOS	MUNICIPALITY/PROVINCE	LOCALITY	COORDINATES		REFERENCES
				LATITUDE	LONGITUDE	
PRY	-	-	Rio Bermejo	-26631001	-58683211	Cope, 1962; Cochran (1955)
PRY	Alto Paraguay	-	-	-21047246	-57876882	Caramaschi & Niemeyer (2003); Brusquetti & Lavilla (2006); Present study
PRY	Alto Paraguay	Bahia Negra	-	-20233513	-58169448	Boulenger (1898b); Doria et al. (2001)
PRY	Alto Paraná	-	-	-25474802	-55011527	Brusquetti & Lavilla (2006)
PRY	Amambay	-	-	-22965328	-55901398	Brusquetti & Lavilla (2006)
PRY	Boquerón	-	-	-21335638	-60952480	Brusquetti & Lavilla (2006)
PRY	Caaguazú	-	-	-25469518	-56010489	Brusquetti & Lavilla (2006)
PRY	Caazapá	-	-	-26188391	-56358693	Brusquetti & Lavilla (2006)
PRY	Canindeyú	-	-	-24141041	-55231974	Brusquetti & Lavilla (2006)
PRY	Central	Assunción	-	-25264815	-57608336	Brusquetti & Lavilla (2006); Present study
PRY	Concepción	Concepción	-	-23418374	-57431348	Brusquetti & Lavilla (2006); Present study
PRY	Cordillera	-	-	-25159905	-57128678	Brusquetti & Lavilla (2006)
PRY	Guairá	-	-	-24095003	-54231078	Brusquetti & Lavilla (2006)
PRY	Itapúa	-	-	-26706393	-55521647	Brusquetti & Lavilla (2006)
PRY	Misiones	-	-	-27048507	-56977664	Brusquetti & Lavilla (2006)
PRY	Ñeembucú	-	-	-26784080	-57873107	Brusquetti & Lavilla (2006)
PRY	Paraguarí	-	-	-25875514	-57180876	Brusquetti & Lavilla (2006)
PRY	Presidente Hayes	Pozo Colorado	-	-23495206	-58792850	Brusquetti & Lavilla (2006); Present study
PRY	San Pedro	-	-	-23995541	-56683263	Brusquetti & Lavilla (2006)

COUNTRY	STATES/DEPARTAMENTS	MUNICIPALITY/PROVINCE	LOCALITY	COORDINATES		REFERENCES
				LATITUDE	LONGITUDE	
PRY-ARG	-	-	Ilha Yacyretá	-27426105	-56753026	Álvarez et al. (1995)

Appendix II. Examined materials in herpetological collections.

Boana raniceps: **ARGENTINA: CORRIENTES:** Goya (MNRJ 184, 5161). **BOLIVIA:** (BMNH 1920.11.29.23*; holotype of *Boana goodfellowi*). **BRAZIL: ALAGOAS:** Municipality of Maceió (MNRJ 3538); Municipality of Passo do Camaragibe BMNH – The Natural History Museum, Department of Zoology, Cromwell Road, London SW7 5BD – United Kingdom. (Formerly the British Museum [Natural History].). MNRJ – Universidade Federal de Rio de Janeiro, Museu Nacional do Rio de Janeiro, Quinta da Boa Vista, s/no., 20.942 – Rio de Janeiro, RJ, Brasil. USNM – National Museum of Natural History, Division of Amphibians and Reptiles, Washington, D.C. 20560, EUA. (MNRJ 9897–902); Municipality of Quebrângulo (MNRJ 9973); Municipality of São Miguel dos Campos (MNRJ 9880–87). **AMAZONAS:** (MNRJ 2656, 12776); Municipality of Benjamin Constant (MNRJ 1400); Municipality of Cairiri (MNRJ 56774–76); Municipality of Humaitá (MNRJ 22275–78, 31490, 66131–37, 67408–420, 68967–979, 70012–15, 70708–715, 71555–562, 71567–577, 71864–65, 79118, 81962, 81044–051, 81115–16, 81880); Municipality of Marajó (MNRJ 3522–24); Municipality of Urucará (MNRJ 63893). **AMAPÁ:** Municipality of Laranjal do Jari (MNRJ 35607); Municipality of Mazagão (MNRJ 35517); Municipality of Macapá (MNRJ 33056, 36829). **BAHIA:** (MNRJ 1176); Municipality of Barreiras (MNRJ 1180–83, 1197, 6910–923, 16816–18, 59728, 68855, 68860); Municipality of Bom Jesus da Lapa (MNRJ 1172–73, 1184–85, 3147); Formosa do Rio Preto (MNRJ 59722); Municipality of Itagibá (MNRJ 83304–05); Municipality of Juazeiro (MNRJ 1190); Municipality of Maracás (MNRJ 16877); Municipality of Marauá (MNRJ 35028); Municipality of Poratangú (MNRJ 54771); Municipality of Rio das Ondas (MNRJ 3775). **CEARÁ:** Municipality of Aratuba (MNRJ 42945); Municipality of Crato (MNRJ 185, 5262–67, 25424–25, 33036); Municipality of Fortaleza (MNRJ 2859, 12576); Municipality of Jati (MNRJ 56016–17); Municipality of Maranguape (MNRJ 35450); Municipality of Missão Velha (MNRJ 46662); Municipality of Mucuripe (MNRJ 2496, 11357–58); Municipality of Mulungu (MNRJ 42944); Serra do Baturité (MNRJ 35534); Municipality of Tianguá (MNRJ 36627). **GOIÁS:** (MNRJ 751); Municipality of Amaro Leite (MNRJ 2965, 12784); Municipality of Aporé (MNRJ 41542–45); Municipality of Colinas do Sul (MNRJ 66206–210, 78147, 85937–38, 85960–64); Municipality of Flores de Goiás (MNRJ 35730–32); Municipality of Itumbiara (MNRJ 58075); Municipality of Ivolândia (MNRJ 19933–36); Municipality of Jaíba (MNRJ 31649–652); Municipality of Nerópolis (MNRJ 22261); Municipality of Porangatu (MNRJ 53132); Serra da Mesa (MNRJ 20307, 22861, 64552–561, 79670). **MARANHÃO:** Municipality of Arari (MNRJ 17007, 35554–56); Municipality of Barro Alto (MNRJ 53473–75); Municipality of Imperatriz (MNRJ 37021–22); Médio Pindaré (MNRJ 1818); Municipality of São Luis (MNRJ 54668); Municipality of São Pedro das Águas Brancas (MNRJ 23853–55); Municipality of Três Bocas (MNRJ 22260). **MINAS GERAIS:** Municipality of Buritizeiro (MNRJ 15629); Municipality of

Carmo do Rio Claro (MNRJ 3568, 88751); Municipality of Jaíba (MNRJ 21449–451, 22475–79); Municipality of João Pinheiro (MNRJ 38825–26, 38853–54, 57623–632, 58097, 54742); Municipality of Manga (MNRJ 16948–49, 22247–257, 22279–284, 85878); Municipality of Pirapora (MNRJ 1154, 1165, 1186–88, 3146, 6884–89, 22272–73, 35713). **MATO GROSSO DO SUL:** Municipality of Aparecida do Taboado (MNRJ 71149–153); Municipality of Aquidauana (MNRJ 2238, 10910–11); Municipality of Bonito (MNRJ 25472); Municipality of Campo Grande (MNRJ 35531–33); Municipality of Cassilândia (MNRJ 77447–459); Municipality of Corumbá (MNRJ 16985, 16984, 32927); Municipality of Dourados (MNRJ 50862–63); Municipality of Miranda (MNRJ 1518, 2210, 8191); Municipality of Tacuru (MNRJ 67514). **MATO GROSSO:** (MNRJ 637, 2193, 2602, 2901, 12130–31, 35602); Municipality of Alto Araguaia (MNRJ 84873–74); Municipality of Barão de Melgaço (MNRJ 43453–54); Municipality of Barra do Bugres (MNRJ 22259, 88716–18); Municipality of Cáceres (MNRJ 3128, 180, 2560, 5157–59, 11635–641, 13456–58, 22295, 31416–19); Carandás (MNRJ 35582); Chapada dos Guimarães (MNRJ 22262); Municipality of Comodoro (MNRJ 87605–07); Municipality of Cuiabá (MNRJ 16982, 35426–433, 35514–16); Municipality of Jangada (MNRJ 88375–399); Municipality of Lambari D'Oeste (MNRJ 86866, 86880, 86890–91, 87236–37, 88426–44); Municipality of Montaria (MNRJ 35414–15); Municipality of Porto Esperidião (MNRJ 35578); Municipality of Porto Esperança (MNRJ 35518–524, 35584); Rio Koluene (MNRJ 15601, 22441–42, 35714–18); Municipality of Rio Branco (MNRJ 35711–12); Municipality of São Félix do Araguaia (MNRJ 35425). **PARÁ:** (MNRJ 35410); Municipality of Belém (MNRJ 3359, 3504, 35267); Municipality of Curuá (MNRJ 2663); Municipality of Marajó (MNRJ 3776); Municipality of Monte Alegre (MNRJ 35527); Municipality of Oriximiná (MNRJ 35612); Municipality of Peri (MNRJ 80857–58); Municipality of Piçarra (MNRJ 67295–96, 51453–54); Municipality of São Geraldo do Araguaia (MNRJ 72997). **PARAÍBA:** Municipality of Areia (MNRJ 18065); Municipality of Boqueirão (MNRJ 32854); Municipality of Mamanguape (MNRJ 16872). **PERNAMBUCO:** Municipality of Bodocó (MNRJ 22270–71); Municipality of Exu (MNRJ 30011–13); Municipality of Jequié (MNRJ 1595); Municipality of Recife (MNRJ 1594, 2991). **PIAUI:** Brejo do Piauí (MNRJ 42058–067, 44716); Municipality of Parnaíba (MNRJ 3792); Municipality of Piri-piri (MNRJ 36604–611). **PARANÁ:** Fazenda Barra (MNRJ 55457); Municipality of Curitiba (MNRJ 35242). Municipality of Natal (MNRJ 22263–69). **RONDÔNIA:** Municipality of Porto Velho (MNRJ 1822, 10169). **SERGIPE:** Municipality of Brejão (MNRJ 16881); Municipality of Santa Luzia do Itanhhy (MNRJ 59529–30). **SÃO PAULO:** Cachoeira do Marimbondo (MNRJ 706); Municipality of Pariqueiraçu (MNRJ 43829–830); Municipality of Presidente Epitácio (MNRJ 43835–36). **TOCANTINS:** Municipality of Aragominas (MNRJ 51455); Municipality of Goiatins (MNRJ43943); Municipality of Muricilândia (MNRJ 75642); Municipality of Palmeirante (MNRJ42048); Municipality of Tupirantins (MNRJ 82323, 82397). **PARAGUAI:** Rio Vermelho (USNM 4966*, 5403*, 5408*,

12160*, 12172*; sítipos); Assunción (BMNH1894.3.14.163*-64*; syntypes of *Boana spegazzinii*).