

Herpetofauna of the Estação Biologia Marinha Augusto Ruschi, a coastal forest remnant in the Atlantic Forest, southeastern Brazil

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Figure 1S. Some of the anuran species recorded at the Estação Biologia Marinha Augusto Ruschi (EBMAR). **A.** *Rhinella crucifer*, **B.** *Rhinella granulosa*, **C.** *Haddadus binotatus*, **D.** *Boana pombali*, **E.** *Dendropsophus berthalutzae*, **F.** *Dendropsophus bipunctatus*, **G.** *Itapotihyla langsdorffii*, **H.** *Nyctimantis brunoi*, **I.** *Ololygon argyreornata*, **J.** *Phyllodytes luteolus*, **K.** *Sphaenorhynchus pauloalvini*, **L.** *Trachycephalus nigromaculatus*, **M.** *Leptodactylus natalensis*, **N.** *Chiasmocleis capixaba*, **O.** *Stereocyclops incrassatus*. Photos: Cássio Zocca (C, E, F, H, N, O), Gabriel Ruschi (B, D, G, I, L), Tárzis Viana (A, J, M), Rodrigo B. Ferreira (K).



Figure 2S. Some of the reptile species recorded at the Estação Biologia Marinha Augusto Ruschi (EBMAR). **A.** *Chelonoidis carbonarius*, **B.** *Leposternon* sp., **C.** *Dactyloa punctata*, **D.** *Psychosaura macrorhyncha*, **E.** *Gymnodactylus darwini*, **F.** *Polychrus marmoratus*, **G.** *Ameiva ameiva*, **H.** *Salvator merianae*, **I.** *Boa constrictor*, **J.** *Corallus hortulana*, **K.** *Leptophis ahaetulla*, **L.** *Dipsas indica*, **M.** *Bothrops jararaca*. Photos: Gabriel Ruschi (A, B, C, D, E, F, G, H, I, J, K, L, M).

Table 1S. Numbers of encounters of anuran species by microhabitat and by sampling methods at the Estação Biologia Marinha Augusto Ruschi (EBMAR). N= total number of recorded individuals. Habitat: SF= Swamp forest; RF= Restinga forest; HA= Human-altered areas. Microhabitat: WT= Water; SB= Shrub; BR= Bromeliad; HC= Human construction; LT= Litter; MV= Marginal vegetation. Sampling methods: VS= Visual Surveys; AS= Auditory Surveys; PT= Pitfall trap; IR= Incidental recording

Species by Family	N	Habitat	Numbers/microhabitat						Endemic	Numbers/method			
			WT	SB	BR	HC	LT	MV		VS	AS	PT	IR
ANURA													
Bufonidae													
<i>Rhinella crucifer</i> (Wied-Neuwied, 1821)	29	HA, SF, RF	0	0	2	2	25	0	X	18	2	9	0
<i>Rhinella granulosa</i> (Spix, 1824)*	1	HA	0	0	0	0	1	0		0	0	0	1
Craugastoridae													
<i>Haddadus binotatus</i> (Spix, 1824)	48	HA, SF, RF	0	0	0	0	48	0	X	26	0	22	0
Hylidae													
<i>Boana albomarginata</i> (Spix, 1824)	190	HA, SF, RF	0	13	0	2	0	175	X	12	178	0	0
<i>Boana faber</i> (Wied-Neuwied, 1821)	116	SF	106	0	0	0	0	10		10	106	0	0
<i>Boana pombali</i> (Caramaschi, Pimenta & Feio, 2004)	21	HA, SF	0	7	4	0	0	10	X	10	11	0	0
<i>Boana semilineata</i> (Spix, 1824)	13	SF	0	0	0	0	0	13	X	1	12	0	0
<i>Dendropsophus berthalutzae</i> (Bokermann, 1962)	37	SF	0	0	0	0	0	37	X	14	23	0	0
<i>Dendropsophus bipunctatus</i> (Spix, 1824)*	8	SF	0	0	0	0	0	8	X	0	0	0	8
<i>Dendropsophus branneri</i> (Cochran, 1948)	220	SF	0	0	0	0	0	220	X	24	196	0	0
<i>Dendropsophus elegans</i> (Wied-Neuwied, 1824)	22	SF	0	0	0	0	0	22	X	21	1	0	0
<i>Dendropsophus</i> sp.(cf. <i>haddadi</i>)	339	SF	0	0	0	0	0	339		48	291	0	0
<i>Itapotihyla langsdorffii</i> (Duméril & Bibron, 1841)	83	HA, SF, RF	0	46	9	16	0	12	X	73	10	0	0
<i>Nyctimantis bruno</i> i (Miranda-Ribeiro, 1920)	98	HA, SF, RF	0	5	62	0	0	31	X	68	30	0	0
<i>Ololygon argyreornata</i> (Miranda-Ribeiro, 1926)	117	HA, SF, RF	0	13	18	0	0	86	X	46	71	0	0
<i>Phyllodytes luteolus</i> (Wied-Neuwied, 1824)	674	HA, SF, RF	0	0	673	0	0	1	X	364	310	0	0

<i>Phyllomedusa burmeisteri</i> Boulenger, 1882*	3	SF	0	3	0	0	0	0	X	0	0	0	3
<i>Scinax alter</i> (B. Lutz, 1973)	473	HA, SF, RF	0	104	5	0	0	364	X	46	427	0	0
<i>Scinax cuspidatus</i> (A. Lutz, 1925)	22	SF	0	0	0	0	0	22	X	4	18	0	0
<i>Scinax fuscovarius</i> (A. Lutz, 1925)	4	SF	0	0	0	0	0	4		4	0	0	0
<i>Sphaenorhynchus pauloalvini</i> Bokermann, 1973*	6	SF	0	0	0	0	0	6	X	0	0	0	6
<i>Sphaenorhynchus planicola</i> (Lutz & Lutz, 1938)	4	SF	0	0	0	0	0	4	X	4	0	0	0
<i>Trachycephalus nigromaculatus</i> Tschudi, 1838*	4	HA, SF	0	3	0	1	0	0	X	0	0	0	4
Leptodactylidae													
<i>Leptodactylus fuscus</i> (Schneider, 1799)*	2	HA	0	0	0	1	1	0		0	0	0	2
<i>Leptodactylus latrans</i> (Steffen, 1815)	89	HA, SF	35	0	0	0	54	0		56	33	0	0
<i>Leptodactylus natalensis</i> A. Lutz, 1930	135	HA, SF, RF	26	0	0	0	109	0		61	72	2	0
<i>Physalaemus signifer</i> (Girard, 1853)	612	HA, SF, RF	0	0	0	0	612	0	X	80	505	27	0
Microhylidae													
<i>Arcovomer passarellii</i> Carvalho, 1954	26	HA, SF, RF	0	0	0	0	26	0	X	5	20	1	0
<i>Chiasmocleis capixaba</i> Cruz, Caramaschi & Izecksohn, 1997	36	HA, SF, RF	0	0	0	0	36	0	X	11	0	25	0
<i>Stereocyclops incrassatus</i> Cope, 1870	1	SF	1	0	0	0	0	0	X	1	0	0	0
Odontophrynidae													
<i>Proceratophrys laticeps</i> Izecksohn & Peixoto, 1981	24	SF, RF	0	0	0	0	24	0	X	16	7	1	0
Total	3457		168	194	773	22	936	1364	24	3346		87	24

Table 2S. Numbers of encounters with reptiles species by microhabitat and by sampling methods at Estação Biologia Marinha Augusto Ruschi (EBMAR). Legend as for Table 1S.

Species by Family	N	Habitat	Numbers/microhabitat						Endemic	Numbers/method			
			WT	SB	BR	HC	LT	MV		VS	AS	PT	IR
TESTUDINES													
Testudinidae													
<i>Chelonoidis carbonarius</i> (Spix, 1824)*	1	HA	0	0	0	1	0	0	-	0	0	0	1
SQUAMATA													
AMPHISBAENIA													
Amphisbaenidae													
<i>Leposternon</i> sp.*	1	HA	0	0	0	0	1	0	-	0	0	0	1
LACERTILIA													
Dactyloidae													
<i>Dactyloa punctata</i> (Daudin, 1802)	8	HA, SF	0	8	0	0	0	0	-	8	0	0	0
<i>Norops fuscoauratus</i> (D'Orbigny, 1837)	2	HA, SF	0	2	0	0	0	0	-	2	0	0	0
<i>Norops ortonii</i> Cope, 1868*	1	SF	0	0	0	0	1	0	-	0	0	0	1
Gekkonidae													
<i>Hemidactylus mabouia</i> (Moreau de Jonnés, 1818)	32	HA, SF	0	5	11	15	1	0	-	32	0	0	0
Gymnophthalmidae													
<i>Leposoma scincoides</i> Spix, 1825	5	HA, SF, RF	0	0	0	0	5	0	X	1	0	4	0
Mabuyidae													

<i>Brasiliscincus agilis</i> (Raddi, 1823)	1	SF	0	0	0	0	1	0	X	1	0	0	0
<i>Psychosaura macrorhyncha</i> (Hoge, 1946)*	1	HA	0	0	0	1	0	0	X	0	0	0	1
Phyllodactylidae													
<i>Gymnodactylus darwini</i> (Gray, 1845)	8	HA, SF	0	4	0	0	4	0	X	4	0	4	0
Polychrotidae													
<i>Polychrus marmoratus</i> (Linnaeus, 1758)	3	HA, SF	0	3	0	0	0	0	-	3	0	0	0
Teiidae													
<i>Ameiva ameiva</i> (Linnaeus, 1758)	94	HA, RF	0	0	0	0	94	0	-	92	0	2	0
<i>Ameivula nativo</i> (Rocha, Bergallo & Peccinini-Seale, 1997)	1	RF	0	0	0	0	1	0	X	0	0	1	0
<i>Salvator merianae</i> Duméril & Bibron, 1839	25	HA, SF, RF	0	0	0	0	25	0	-	25	0	0	0
Tropiduridae													
<i>Tropidurus torquatus</i> (Wied, 1820)	102	HA	0	0	0	1	101	0	-	102	0	0	0
SERPENTES													
Boidae													
<i>Boa constrictor</i> Linnaeus, 1758*	4	SF	0	1	0	0	3	0	-	0	0	0	4
<i>Corallus hortulanus</i> (Linnaeus, 1758)*	11	HA, SF	0	8	0	3	0	0	-	0	0	0	11
Colubridae													
<i>Chironius foveatus</i> Bailey, 1955*	2	SF	0	0	0	0	2	0	X	0	0	0	2
<i>Drymoluber dichrous</i> (Peters, 1863)*	2	HA	0	0	0	0	2	0	-	0	0	0	2
<i>Leptophis ahaetulla</i> (Linnaeus, 1758)	5	HA, SF	0	3	0	1	1	0	-	5	0	0	0
<i>Oxybelis aeneus</i> (Wagler, 1824)*	1	HA	0	1	0	0	0	0	-	0	0	0	1
<i>Spilotes sulphureus</i> (Wagler, 1824)*	2	HA	0	1	0	1	0	0	-	0	0	0	2

Dipsadidae

<i>Dipsas indica</i> (Laurenti, 1768)*	1	SF	0	1	0	0	0	0	-	0	0	0	1
<i>Dipsas neuwiedi</i> (Ihering, 1911)*	3	SF	0	3	0	0	0	0	X	0	0	0	3
<i>Oxyrhopus petolarius</i> (Linnaeus, 1758)*	2	HA	0	0	0	1	1	0	-	0	0	0	2
<i>Philodryas olfersii</i> (Lichtenstein, 1823)*	1	HA	0	0	0	0	1	0	-	0	0	0	1

Elapidae

<i>Micrurus corallinus</i> (Merrem, 1820)*	1	HA	0	0	0	0	1	0	X	0	0	0	1
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Viperidae

<i>Bothrops jararaca</i> (Wied, 1824)	8	HA, SF, RF	0	0	1	1	6	0	-	8	0	0	0
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TOTAL	328		0	40	12	25	251	0	8	283	11	34
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VOUCHER SPECIMENS

Anurans

Arcovomer passarellii (MBML 7, 592, 593, 595, 918, 11671, 11795, 11796), *Boana albomarginata* (MBML 218, 219, 220, 532, 11653), *Boana faber* (MBML 72, 73, 74, 11875), *Boanasemilineata* (MBML 679, 5968, 5969, 5970, 5971, 5972, 5973, 5974, 5975, 11880), *Chiasmocleis capixaba* (MBML 884, 905, 906, 907, 1034, 1035, 1036, 1037, 1077, 1078, 1079, 1080, 1081, 1082, 1083, 1084, 1085, 1102, 2180, 6590, 7446, 7447, 7450, 11911), *Dendropsophus berthaltutzae* (MBML 11878), *Dendropsophus bipunctatus* (MBML 11877, 11914), *Dendropsophus branneri* (MBML 1185, 5632), *Dendropsophus elegans* (MBML 77, 78, 79, 80), *Dendropsophus haddadi* (MBML 11907), *Haddadus binotatus* (MBML 37, 38, 39, 40, 41, 42, 43, 533, 534, 535, 536, 564), *Itapotihyla langsdorffii* (MBML 7480, 7481, 11415, 11699), *Leptodactylus fuscus* (MBML 91, 691, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 6588), *Leptodactylus latrans* (MBML 660, 5635, 11416, 11417, 11420, 11700), *Leptodactylus natalensis* (MBML 86, 11654, 11918), *Nyctimantis brunoi* (MBML 1, 2, 3, 349, 350, 351, 352, 353, 11756), *Phyllodytes luteolus* (MBML 11642), *Phyllomedusa burmeisteri* (MBML 664, 692, 4910, 4911, 5462, 5463, 7451), *Physalaemus signifer* (MBML 11632, 11650, 11754, 11794, 11938), *Proceratophrys laticeps* (MBML 880, 881, 882, 883, 915, 4932, 4935, 6582, 6583, 11562, 11882), *Rhinella crucifer* (MBML 5049, 6591, 11879), *Rhinella granulosa* (MBML 5105, 5106, 5630, 6580, 6581), *Scinax alter* (MBML 1190, 1191, 4764, 4765, 4766, 4767, 4768, 4769, 5634, 5637, 6592, 7479), *Ololygon argyreornata* (MBML 124, 125, 126, 127, 128, 129, 130, 131, 1103, 11652, 11716), *Scinax cuspidatus* (MBML 11717, 11893), *Scinax fuscovarius* (MBML 7468, 7469, 7494, 11864, 11895, 11898), *Sphaenorhynchus pauloalvini* (MBML 11883, 11901), *Sphaenorhynchus planicola* (MBML 699, 11888, 11913, 11927), *Stereocyclops incrassatus* (MBML 7561, 11755), *Trachycephalus nigromaculatus* (MBML 10750).

Reptiles

Ameiva ameiva (MBML 193, 214, 3001), *Ameivula nativo* (MBML 192), *Bothrops jararaca* (MBML 149, 468, 4584), *Chironius foveatus* (MBML 80), *Dactyloa punctata* (MBML 4690), *Dipsas newiedi* (MBML 4582), *Drymoluber dichrous* (MBML 483, 2938, 2940, 4421), *Gymnodactylus darwinii* (MBML 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 2253, 2254, 2255, 2256, 2707, 3017, 4890), *Hemidactylus mabouia* (MBML 3761), *Leposomascincoides* (MBML 2927, 2928, 3872, 4240), *Leptophis haetulla* (MBML 130), *Micrurus corallinus* (MBML 8, 256, 3003, 3988), *Norops fuscoauratus* (MBML 486, 562, 4689), *Norops tonii* (MBML 445, 3903), *Oxybelis aeneus* (MBML 6, 4568, 4569), *Oxyrhopus petolarius* (MBML 45, 2800, 4444, 4579), *Philodryas olfersii* (MBML 4571, 4566, 4434), *Polychrus marmoratus* (MBML 2971, 2972, 2973, 2974, 2975, 2976, 2977, 2978, 2979, 2980, 2981, 2982, 2983, 2984, 2985, 3441, 3442, 4020), *Psychosaurus macrorhyncha* (MBML 3917, 4394), *Salvator merianae* (MBML 4004), *Spilotessulphureus* (MBML 3892), *Tropidurus torquatus* (MBML 2942).