

Table S1. Species list

Class	Order	Family	Species, descriptor, common name in Portuguese and English	Surf-BRUVS	Seine nets
Actinopterygii	Albuliformes	Albulidae	<i>Albula vulpes</i> (Linnaeus, 1758), Peixe-rato - Bonefish	58	72
	Atheriliformes	Atherinopsidae	<i>Atherinella brasiliensis</i> (Quoy & Gaimard, 1825), Peixe-rei - Brazilian silversides	76	68
			<i>Membras dissimilis</i> (Carvalho, 1956)	0	6
	Aulopiformes	Synodontidae	<i>Synodus foetens</i> (Linnaeus, 1766), Peixe-lagarto	0	1
	Beloniformes	Belonidae	<i>Strongylura timucu</i> (Walbaum, 1792), Peixe-agulha - Garfish	0	15
		Exocoetidae	<i>Hirundichthys</i> sp.	0	1
		Hemirhamphidae	<i>Hyporhamphus</i> sp.	0	7
			<i>Hyporhamphus unifasciatus</i> (Ranzani, 1841), Agulha-branca - Halfbeak	0	132
	Carangiformes	Carangidae	Carangidae sp.	0	3
			<i>Caranx bartholomaei</i> Cuvier, 1833, Xerelete-amarelo - Yellow jack	0	1
			<i>Caranx latus</i> Agassiz, 1831, Xarelete - Horse-eye jack	57	0
			<i>Hemicaranx amblyrhynchus</i> (Cuvier, 1833), Palombeta - Bluntnose jack	5	35
			<i>Oligoplites saliens</i> (Bloch, 1793), Salteira - Castin leatherjack	0	4
			<i>Oligoplites saurus</i> (Bloch & Schneider, 1801), Guaivira - Leatherjacket	0	37
			<i>Oligoplites</i> sp.	5	4
			<i>Selene vomer</i> (Linnaeus 1758), Peixe-galo - Lookdown	0	6
			<i>Trachinotus carolinus</i> Linnaeus, 1766, Pampo-verdadeiro - Common pompano	35	133
			<i>Trachinotus falcatus</i> (Linnaeus, 1758), Sernambiguara - Permit	7	47
			<i>Trachinotus goodei</i> Jordan & Evermann, 1896, Pampo-listrado - Banner pompano	57	57
			<i>Trachinotus</i> sp.	10	49
	Clupeiformes	Clupeidae	<i>Harengula clupeola</i> (Cuvier, 1829), Falso-arenque - False pilchard	986	967
			<i>Opisthonema oglinum</i> (Lesueur, 1818), Sardinha-bandeira - Atlantic thread herring	0	3
			<i>Platanichthys platana</i> (Regan, 1917), Sardinha - River Plate sprat	0	3
			<i>Sardinella brasiliensis</i> (Steindachner, 1879), Sardinha verdadeira - Orangespot Sardine	0	47
		Engraulidae	<i>Anchoa marinii</i> Hildebrand, 1943, Arenque - Anchovy	0	2
			<i>Anchoa</i> sp.	0	811
			<i>Anchoa tricolor</i> (Spix & Agassiz, 1829), Manjuba branca - Anchovy / Piquitinga	0	7
			<i>Anchovia clupeiodes</i> (Swainson, 1839), Manjuba - Zabaleta anchovy	0	50

			<i>Cetengraulis edentulus</i> (Cuvier, 1829), Manjuba - savelha - Anchovy	0	72
			Engraulidae sp.	0	96
			<i>Engraulis anchoita</i> (Hubbs & Marini, 1935), Anchoita - Argentine anchoita	0	34
	Mugiliformes	Mugilidae	<i>Mugil brevirostris</i> (Ribeiro, 1915)	0	1
			<i>Mugil curema</i> Valenciennes, 1836, Parati - White mullet	0	11
			<i>Mugil liza</i> Valenciennes, 1836, Tainha - Mullet	22	30
	Perciformes	Centropomidae	<i>Centropomus ensiferus</i> Poey, 1860, Camorim-peba - Swordspine Snook	0	3
		Ephippidae	<i>Chaetodipterus faber</i> (Broussonet, 1782), Peixe-espada - Atlantic spadefish	2	11
		Gerreidae	<i>Diapterus rhombeus</i> (Cuvier, 1829), Carapeva - Caitipa Mojarra	0	347
			<i>Eucinostomus argenteus</i> Baird & Girard, 1855, Carapicu - Spotfin mojarra	0	3
			<i>Eucinostomus melanopterus</i> (Bleeker, 1863), Carapicu - Flagfin mojarra	70	270
			<i>Eucinostomus</i> sp.	0	1
			<i>Eugerres brasilianus</i> (Cuvier, 1830), Carapeba rajada - Streaked mojarra	0	1
			Haemulidae	<i>Anisotremus surinamensis</i> (Bloch, 1791), Beiçudo - Black margate	0
			<i>Conodon nobilis</i> (Linnaeus, 1758), Roncador - Barred grunt	51	72
			<i>Haemulopsis corvinaeformis</i> (Steindachner, 1868), Coró-branco - Roughneck Grunt	0	11
		Sciaenidae	<i>Larimus breviceps</i> Cuvier, 1830, Pescada boca-torta - Shorthead Drum	0	40
			<i>Menticirrhus americanus</i> (Linnaeus, 1758), Betara lisa - Southern kingfish	0	7
			<i>Menticirrhus littoralis</i> (Holbrook, 1847), Papa-terra - Gulf kingcroaker	12	105
			<i>Menticirrhus</i> sp.	0	16
			Sciaenidae sp.	0	1
			<i>Stellifer rastrifer</i> (Jordan, 1889), Canguá - Rake stardrum	0	4
			<i>Stellifer</i> sp.	0	5
			<i>Umbrina coroides</i> Cuvier, 1830, Papa-terra - Sand drum	111	149
			<i>Scomberomorus brasiliensis</i> Collette, Russo & Zavala-Camin, 1978, Serra - Atlantic sierra	0	4
			Polinemidae	<i>Polydactylus virginicus</i> (Linnaeus 1758), Parati-barbado - Barbu	0
	Pleuronectiformes	Paralichthyidae	<i>Citharichthys arenaceus</i> (Evermann & Marsh, 1900), Linguado - Sand Whiff	0	11
			<i>Entropus crossotus</i> (Jordan & Gilbert, 1882), Linguado - Fringed Flounder	0	4
			Paralichthyidae sp.	0	8
	Scorpaeniformes	Peristediidae	<i>Peristedion altipinne</i> (Regan, 1903), Cabrinha de chifre	0	2
		Triglidae	<i>Prionotus punctatus</i> (Bloch, 1793), Cabrinha - Bluewing Searobin	0	1
	Siluriformes	Ariidae	<i>Cathorops spixii</i> (Agassiz, 1829), Bagre amarelo - Madamango sea catfish.	0	1
			<i>Genidens barbatus</i> (Lacepede, 1803), Bagre branco - White sea catfish	0	2133
			<i>Genidens genidens</i> (Cuvier, 1829), Pareré - Guri sea catfish	0	751

			<i>Genidens</i> sp.	360	71
	Tetraodontiformes	Monacanthidae	<i>Aluterus schoepfii</i> (Walbaum, 1792), Peixe-porco - Orange Filefish	0	1
	Tetraodontiformes	Tetraodontidae	<i>Lagocephalus laevigatus</i> (Linnaeus, 1766), Baiacu-ará-Smooth Puffer	22	0
			<i>Sphoeroides testudineus</i> (Linnaeus, 1758), Baiacu-quadrulado- Checkered puffer	1	0
			<i>Sphoeroides greeleyi</i> Gilbert, 1900, Baiacu-pinima - Caribbean puffer	0	27
Chondrichthyes	Carcharhiniformes	Carcharhinidae	<i>Carcharhinus limbatus</i> (Müller & Henle, 1839), Tubarão-galha-preta - Blacktip shark	4	0
	Myliobatiformes	Dasyatidae	<i>Dasyatis</i> sp.	3	0
Reptiles	Testudinata	Cheloniodea	<i>Chelonia mydas</i> (Linnaeus, 1758)	2	0
Unknown	Unknown	Unknown	Unidentified	16	103
TOTAL				1972	7047