

Appendix 2. List of species of interest for sport fishing, which were cited in papers published between 1994 and 2021 (see list of articles in Appendix 1) and incorporated in the systematic review. Taxonomic organization according to Van der Laan et al., (2021) (<http://www.calacademy.org/scientists/catalog-of-fishes-classification/>). Maximum total length (cm). Environment: freshwater-marine = estuarine species (Amphidromous, Anadromous and Catadromous). *standard length and or furcal, **disc width, ^aspecies introduced for recreational purposes, ^bInternational Game Fish Association – IGFA (<https://igfa.org/world-records/>), SD = standard deviation.

Order	Family	Species	Maximum length (cm)	Environment	Trophic level (TL)	
					Trophic category	TL values available from FishBase
Lamniformes	Carchariidae	<i>Carcharhinus</i> spp.				
		<i>Carcharhinus perezii</i> (Poey 1876)	300	Marine	carnivore/piscivore	4.5±0.8 SD
		<i>Carcharias taurus</i> Rafinesque 1810	330	Marine	carnivore/piscivore	4.5±0.4 SD
Carcharhiniformes	Sphyrnidae	<i>Sphyrna</i> spp.				
		<i>Sphyrna barracuda</i> (Edwards 1771)	200	Marine	carnivore/piscivore	4.5±0.6 SD
		<i>Sphyrna guachancho</i> Cuvier 1829	200	Marine	carnivore/piscivore	4.4±0.3 SD
Squaliformes	Squalidae	<i>Squalus albicaudus</i> Viana, Carvalho & Gomes 2016 ^b	52.5	Marine	carnivore/piscivore	4.2±0.3 SD
Rinopristiformes	Trygonorrhinidae	<i>Zapteryx brevirostris</i> (Müller & Henle 1841) ^b	53.4	Marine	carnivore/piscivore	3.6±0.6 SD
	Rhinobatidae	<i>Pseudobatos percellens</i> (Walbaum 1792)	100**	Marine	omnivore	3.6±0.5 SD
		<i>Rhinobatos</i> spp.				

Myliobatiformes	Dasyatidae	<i>Dasyatis hypostigma</i> Santos & Carvalho 2004 ^b	65**	Marine	omnivore	3.8±0.7 SD
		<i>Hypanus americanus</i> (Hildebrand & Schroeder 1928)	200**	Marine	omnivore	3.5±0.0 SD
		<i>Hypanus guttatus</i> (Bloch & Schneider 1801)	200**	Marine	herbivore	2.6±0.3 SD
	Potamotrygonidae	<i>Paratrygon aiereba</i> (Müller & Henle 1841) ^b	80**	Freshwater	omnivore	3.4±0.54 SD
		<i>Potamotrygon falkneri</i> Castex & Maciel 1963	60**	Freshwater	omnivore	3.2±0.4 SD
<i>Potamotrygon motoro</i> (Müller & Henle 1841) ^b		50**	Freshwater	omnivore	3.2±0.4 SD	
Elopiformes	Elopidae	<i>Elops saurus</i> Linnaeus 1766	100	Marine	omnivore	3.5±0.3 SD
	Megalopidae	<i>Megalops atlanticus</i> Valenciennes 1847	250	Marine	carnivore/piscivore	4.5±0.0 SD
Anguiliformes	Muraenidae	<i>Echidna catenata</i> (Bloch 1795)	165	Marine	omnivore	3.6±0.59 SD
		<i>Gymnothorax moringa</i> (Cuvier 1829)	200	Marine	carnivore/piscivore	4.5±0.8 SD
Osteoglossiformes	Osteoglossidae	<i>Osteoglossum</i> spp.				
		<i>Osteoglossum bicirrhosum</i> (Cuvier 1829)	90	Freshwater	omnivore	3.4±0.48 SD
	Arapaimidae	<i>Arapaima gigas</i> (Schinz 1822) ^b	450	Freshwater	carnivore/piscivore	4.5±0.0 SD
	Engraulidae	<i>Lycengraulis grossidens</i> (Spix & Agassiz 1829)	23.5	Freshwater-Marine	omnivore	3.7±0.67 SD
Clupeiformes	Pristigasteridae	<i>Pellona</i> spp.				
		<i>Pellona castelnaeana</i> Valenciennes 1847	80	Freshwater-Marine	omnivore	3.7±0.56 SD
		<i>Pellona flavipinnis</i> (Valenciennes 1837) ^b	73	Freshwater	carnivore/piscivore	4.5±0.80 SD

Cypriniformes	Cyprinidae	<i>Cyprinus carpio</i> Linnaeus 1758 ^a	120	Freshwater- Marine	omnivore	3.1±0.0 SD
	Xenocyprididae	<i>Hypophthalmichthys nobilis</i> (Richardson 1845) ^a	146	Freshwater- Marine	herbivore	2.8±0.33 SD
Characiformes	Erythrinidae	<i>Erythrinus erythrinus</i> (Bloch & Schneider 1801)	20	Freshwater	omnivore	3.7±0.58 SD
		<i>Hoplerythrinus unitaeniatus</i> (Spix & Agassiz 1829)	25	Freshwater	omnivore	3.4±0.49 SD
		<i>Hoplias malabaricus</i> (Bloch 1794)	65	Freshwater	carnivore/ piscivore	4.5±0.0 SD
		<i>Hoplias lacerdae</i> Miranda Ribeiro 1908	75*	Freshwater	carnivore/ piscivore	4.3±0.70 SD
	Cynodontidae	<i>Hydrolycus scomberoides</i> (Cuvier 1819)	117	Freshwater	carnivore/ piscivore	4.5±0.5 SD
		<i>Rhaphiodon vulpinus</i> Spix & Agassiz 1829	80	Freshwater	carnivore/ piscivore	4.5±0.80 SD
	Serrasalminae	<i>Colossoma macropomum</i> (Cuvier 1816)	108	Freshwater	omnivore	3.6±0.56 SD
		<i>Metynnis mola</i> Eigenmann & Kennedy 1903	15	Freshwater	omnivore	3.4±0.6 SD
		<i>Myleus pacu</i> (Jardine 1841) ^b	20	Freshwater	herbivore	2.0±0.00 SD
		<i>Myloplus levis</i> (Eigenmann & McAtee 1907)	20	Freshwater	No information	No information
		<i>Myloplus rubripinnis</i> (Müller & Troschel 1844) ^b	41.5	Freshwater	herbivore	2.0±0.00 SD
		<i>Myloplus schomburgkii</i> (Jardine 1841) ^b	42*	Freshwater	No information	No information
		<i>Mylossoma durioentre</i> (Cuvier 1818)	25	Freshwater	herbivore	2.8±0.36 SD
<i>Piaractus brachypomus</i> (Cuvier 1818)		88	Freshwater	herbivore	2.5±0.22 SD	

	<i>Piaractus mesopotamicus</i> (Holmberg 1887)	40.5*	Freshwater	herbivore	2.0±0.00 SD
	<i>Pygocentrus nattereri</i> Kner 1858	50	Freshwater	omnivore	3.7±0.61 SD
	<i>Serrasalmus</i> spp.				
	<i>Serrasalmus humeralis</i> Valenciennes 1850 ^b	20*	Freshwater- Marine	carnivore/piscivore	4.0±0.64 SD
	<i>Serrasalmus maculatus</i> Kner 1858	26.4	Freshwater	carnivore/piscivore	4.1±0.71 SD
	<i>Serrasalmus manuei</i> (Fernández-Yépez & Ramírez 1967) ^b	36*	Freshwater	omnivore	3.7±0.6 SD
	<i>Serrasalmus marginatus</i> Valenciennes 1837	27.1	Freshwater	omnivore	3.6±0.56 SD
	<i>Serrasalmus rhombeus</i> (Linnaeus 1766)	41.5	Freshwater	carnivore/piscivore	4.0±0.4 SD
	<i>Serrasalmus serrulatus</i> (Valenciennes 1850) ^b	19*	Freshwater	omnivore	3.5±0.6 SD
	<i>Serrasalmus spilopleura</i> Kner 1858	25	Freshwater	omnivore	3.2±0.41 SD
	<i>Anostomoides laticeps</i> (Eigenmann 1912)	30	Freshwater	herbivore	2.3±0.2 SD
	<i>Laemolyta fernandezi</i> Myers 1950	25	Freshwater	herbivore	2.2±0.15 SD
	<i>Leporinus</i> spp.				
Anostomidae	<i>Leporinus affinis</i> Günther 1864	30	Freshwater	herbivore	2.3±0.15 SD
	<i>Leporinus agassizii</i> Steindachner 1876 ^b	23.4*b	Freshwater	herbivore	2.3±0.2 SD
	<i>Leporinus brunneus</i> Myers 1950 ^b	25.6*	Freshwater	herbivore	2.3±0.2 SD
	<i>Leporinus friderici</i> (Bloch 1794)	40	Freshwater	omnivore	3.3±0.47 SD

	<i>Leporinus piau</i> Fowler 1941b	33*	Freshwater	herbivore	2.2±0.2 SD
	<i>Leporinus microphthalmus</i> Garavello 1989	11.8*	Freshwater	herbivore	2.5±0.2 SD
	<i>Megaleporinus trifasciatus</i> (Steindachner 1876)	23.8	Freshwater	herbivore	2.0±0.00 SD
	<i>Megaleporinus macrocephalus</i> (Garavello & Britski 1988)	68.4	Freshwater	herbivore	2.5±0.1 SD
	<i>Megaleporinus elongatus</i> (Valenciennes 1850)	50	Freshwater	herbivore	2.5±0.1 SD
	<i>Megaleporinus obtusidens</i> (Valenciennes 1837)	76	Freshwater	herbivore	3.2±0.17 SD
	<i>Schizodon borellii</i> (Boulenger 1900)	36	Freshwater	herbivore	2.4±0.2 SD
	<i>Schizodon vittatus</i> (Valenciennes 1850)	35	Freshwater	herbivore	2.4±0.18 SD
	<i>Rhytiodus microlepis</i> Kner 1858 ^b	33.2*	Freshwater	herbivore	2.0±0.00 SD
	<i>Curimata</i> spp.				
Curimatidae	<i>Cyphocharax modestus</i> (Fernández-Yépez 1948)	16.2	Freshwater	No information	No information
	<i>Psectrogaster amazonica</i> Eigenmann & Eigenmann 1889	19	Freshwater	herbivore	2.0±0.00 SD
Prochilodontidae	<i>Prochilodus lineatus</i> (Valenciennes 1837)	80	Freshwater	herbivore	2.2±0.12 SD
	<i>Boulengerella</i> spp.				
Ctenoluciidae	<i>Boulengerella cuvieri</i> (Spix & Agassiz 1829)	88	Freshwater	carnivore/piscivore	4.5±0.80 SD
	<i>Boulengerella maculata</i> (Valenciennes 1850)	31.9	Freshwater	carnivore/piscivore	4.2±0.73 SD
Chalceidae	<i>Chalceus macrolepidotus</i> Cuvier 1818 ^b	24.5*	Freshwater	omnivore	3.4±0.47 SD

	<i>Triportheus</i> spp.				
	<i>Triportheus albus</i> Cope 1872	25.7	Freshwater	omnivore	3.4±0.38 SD
Triportheidae	<i>Triportheus auritus</i> (Valenciennes 1850)	25.5	Freshwater	herbivore	2.8±0.3 SD
	<i>Triportheus trifurcatus</i> (Castelnau 1855)	16.5	Freshwater	herbivore	2.8±0.3 SD
	<i>Brycon</i> spp.				
	<i>Brycon falcatus</i> Müller & Troschel 1844	37	Freshwater	herbivore	2.7 ±0.2 SD
	<i>Brycon cephalus</i> (Günther 1869)	45	Freshwater	herbivore	2.0±0.00 SD
Bryconidae	<i>Brycon hilarii</i> (Valenciennes 1850)	56	Freshwater	herbivore	2.0±0.00 SD
	<i>Brycon insignis</i> Steindachner 1877 ^b	36.9*	Freshwater	herbivore	2.7±0.2 SD
	<i>Brycon orbignyanus</i> (Valenciennes 1850)	79.5	Freshwater	herbivore	2.7±0.2 SD
	<i>Salminus</i> spp.				
	<i>Salminus brasiliensis</i> (Cuvier 1816)	100	Freshwater	omnivore	3.8±0.61 SD
Acestrorhynchidae	<i>Acestrorhynchus falcistrostris</i> (Cuvier 1819) ^b	45*	Freshwater	omnivore	3.9±0.63 SD
	<i>Astyanax</i> spp.				
	<i>Astyanax altiparanae</i> Garutti & Britski 2000	16.4	Freshwater	herbivore	2.8±0.4 SD
Characidae	<i>Ctenobrycon alleni</i> (Eigenmann & McAtee 1907)	9	Freshwater	herbivore	2.8±0.2 SD
	<i>Jupiaba acanthogaster</i> (Eigenmann 1911)	5.5*	Freshwater	herbivore	2.9±0.4 SD
	<i>Moenkhausia</i> spp.				

		<i>Tetragonopterus argenteus</i> Cuvier 1816	11.2	Freshwater	omnivore	3.2±0.4 SD
Gymnotiformes	Gymnotidae	<i>Gymnotus carapo</i> Linnaeus 1758	76	Freshwater	omnivore	3.6±0.56 SD
		<i>Ageneiosus</i> sp.				
	Auchenipteridae	<i>Ageneiosus inermis</i> (Linnaeus 1766)	64.8	Freshwater	carnivore/piscivore	4.0±0.66 SD
		<i>Trachelyopterus galeatus</i> (Linnaeus 1766)	30	Freshwater	omnivore	3.1±0.40 SD
		<i>Lithodoras dorsalis</i> (Valenciennes 1840) ^b	100	Freshwater	herbivore	2.0±0.00 SD
		<i>Megalodoras uranoscopus</i> (Eigenmann & Eigenmann 1888) ^b	53*	Freshwater	herbivore	2.7±0.39 SD
	Doradidae	<i>Pterodoras granulosus</i> (Valenciennes 1821)	70	Freshwater	herbivore	2.6±0.29 SD
		<i>Oxydoras kneri</i> Bleeker 1862	70	Freshwater	omnivore	3.2±0.39 SD
Siluriformes		<i>Oxydoras niger</i> (Valenciennes 1821) ^b	100*	Freshwater	herbivore	2.8±0.29 SD
		<i>Rhinodoras dorbignyi</i> (Kner 1855)	50	Freshwater	herbivore	2.7±0.4 SD
		<i>Pimelodella gracilis</i> (Valenciennes 1835)	18	Freshwater	omnivore	3.2±0.39 SD
	Heptapteridae	<i>Rhamdia quelen</i> (Quoy & Gaimard 1824)	47.4	Freshwater	omnivore	3.9±0.3 SD
		<i>Brachyplatystoma</i> spp.				
	Pimelodidae	<i>Brachyplatystoma filamentosum</i> (Lichtenstein 1819)	360	Freshwater- Marine	carnivore/piscivore	4.5±0.79 SD
		<i>Brachyplatystoma juruense</i> (Boulenger 1898) ^b	60	Freshwater	carnivore/piscivore	4.5±0.80 SD

<i>Brachyplatystoma platynemum</i> Boulenger 1898b	100*	Freshwater	carnivore/piscivore	4.5±0.80 SD
<i>Brachyplatystoma rousseauxii</i> (Castelnau 1855) ^b	192	Freshwater	carnivore/piscivore	4.5±0.80 SD
<i>Brachyplatystoma tigrinum</i> (Britski 1981) ^b	60*	Freshwater	carnivore/piscivore	4.2±0.8 SD
<i>Brachyplatystoma vaillantii</i> (Valenciennes 1840)	150	Freshwater- Marine	carnivore/piscivore	4.5±0.80 SD
<i>Calophysus macropterus</i> (Lichtenstein 1819) ^b	40	Freshwater	omnivore	3.2±0.47 SD
<i>Hemisorubim platyrhynchos</i> (Valenciennes 1840)	61	Freshwater	carnivore/piscivore	4.5±0.80 SD
<i>Hypophthalmus</i> spp.				
<i>Leiarius marmoratus</i> (Gill 1870) ^b	100	Freshwater	carnivore/piscivore	4.5±0.80 SD
<i>Luciopimelodus pati</i> (Valenciennes 1835)	103	Freshwater	omnivore	3.1±0.00 SD
<i>Phractocephalus hemiliopterus</i> (Bloch & Schneider 1801)	135	Freshwater	carnivore/piscivore	4.2±0.73 SD
<i>Pimelodus blochii</i> Valenciennes 1840	35	Freshwater- Marine	omnivore	3.1±0.43 SD
<i>Pimelodus maculatus</i> Lacepède 1803	51	Freshwater	herbivore	2.9±0.35 SD
<i>Pimelodus ornatus</i> Kner 1858b	38.5*	Freshwater	omnivore	3.3±0.6 SD
<i>Pinirampus pirinampu</i> (Spix & Agassiz 1829)	120	Freshwater	carnivore/piscivore	4.5±0.80 SD
<i>Platynemichthys notatus</i> (Jardine 1841) ^b	80*	Freshwater	carnivore/piscivore	4.3±0.8 SD
<i>Pseudoplatystoma fasciatum</i> (Linnaeus 1766)	105	Freshwater	carnivore/piscivore	4.4±0.78 SD

	<i>Pseudoplatystoma reticulatum</i> Eigenmann & Eigenmann 1889	60.5*	Freshwater	carnivore/piscivore	4.2±0.8 SD
	<i>Pseudoplatystoma corruscans</i> (Spix & Agassiz 1829)	166	Freshwater	carnivore/piscivore	4.5±0.80 SD
	<i>Sorubim lima</i> (Bloch & Schneider 1801)	54.2	Freshwater	carnivore/piscivore	4.1±0.71 SD
	<i>Sorubimichthys planiceps</i> (Spix & Agassiz 1829)	150	Freshwater	carnivore/piscivore	4.5±0.80 SD
	<i>Zungaro zungaro</i> (Humboldt 1821)	140	Freshwater	carnivore/piscivore	4.5±0.80 SD
Clariidae	<i>Clarias gariepinus</i> (Burchell 1822) ^a	170	Freshwater	omnivore	3.8±0.4 SD
	<i>Amphiarius rugispinis</i> (Valenciennes 1840)	47	Marine	omnivore	3.3±0.48 SD
	<i>Aspistor luniscutis</i> (Valenciennes 1840)	120	Marine	omnivore	3.8±0.6 SD
	<i>Aspistor quadriscutis</i> (Valenciennes 1840)	50	Freshwater- Marine	omnivore	3.5±0.37 SD
	<i>Bagre bagre</i> (Linnaeus 1766)	55	Marine	carnivore/piscivore	4.0±0.66 SD
	<i>Bagre marinus</i> (Mitchill 1815)	69	Marine	omnivore	3.5±0.5 SD
Ariidae	<i>Cathorops aguadulce</i> (Meek 1904)	22.7*	Freshwater- Marine	carnivore/piscivore	4.4±0.8 SD
	<i>Cathorops spixii</i> (Agassiz 1829)	30	Marine	omnivore	3.5±0.1 SD
	<i>Genidens</i> spp.				
	<i>Genidens barbatus</i> (Lacepède 1803)	120	Marine	omnivore	3.8±0.6 SD
	<i>Genidens genidens</i> (Cuvier 1829)	42.5	Marine	omnivore	3.6±0.6 SD
	<i>Sciades couma</i> (Valenciennes 1840)	97	Freshwater- Marine	omnivore	3.9±0.5 SD

		<i>Sciades herzbergii</i> (Bloch 1794)	94.2	Marine	omnivore	3.3±0.39 SD
		<i>Sciades parkeri</i> (Traill 1832)	190	Marine	carnivore/piscivore	4.1±0.6 SD
		<i>Sciades proops</i> (Valenciennes 1840)	100	Freshwater-Marine	carnivore/piscivore	4.4±0.7 SD
	Ictaluridae	<i>Ictalurus punctatus</i> (Rafinesque 1818)	132	Freshwater	carnivore/piscivore	4.2±0.3 s
Salmoniformes	Salmonidae	<i>Oncorhynchus mykiss</i> (Walbaum 1792) ^a	122	Freshwater-Marine	carnivore/piscivore	4.1±0.3 SD
Aulopiformes	Synodontidae	<i>Synodus</i> spp.				
Gardiformes	Merlucciidae	<i>Merluccius hubbsi</i> Marini 1933 ^b	95	Marine	carnivore/piscivore	4.2±0.67 SD
Holocentriformes	Holocentridae	<i>Holocentrus adscensionis</i> (Osbeck 1765)	61	Marine	omnivore	3.1±0.3 SD
		<i>Myripristis jacobus</i> Cuvier 1829	25	Marine	omnivore	3.4±0.2 SD
Batrachoidiformes	Batrachoididae	<i>Batrachoides surinamensis</i> (Bloch & Schneider 1801)	57	Marine	omnivore	3.7±0.62 SD
		<i>Opsanus beta</i> (Goode & Bean 1880)	30	Marine	omnivore	3.6±0.6 SD
	Pomatomidae	<i>Pomatomus saltatrix</i> (Linnaeus 1766)	130	Marine	carnivore/piscivore	4.5±0.3 SD
	Centrolophidae	<i>Hyperoglyphe macrophthalma</i> (Miranda Ribeiro 1915) ^b	57*	Marine	omnivore	3.9±0.6 SD
Scombriformes		<i>Acanthocybium solandri</i> (Cuvier 1832)	250	Marine	carnivore/piscivore	4.3±0.2 SD
	Scombridae	<i>Euthynnus alletteratus</i> (Rafinesque 1810)	122	Marine	carnivore/piscivore	4.5±0.0 SD
		<i>Katsuwonus</i> spp.				
		<i>Katsuwonus pelamis</i> (Linnaeus 1758)	110	Marine	carnivore/piscivore	4.4±0.5 SD

		<i>Scomberomorus brasiliensis</i> Collette, Russo & Zavala- Camin 1978	125	Marine	omnivore	3.3±0.4 SD
		<i>Scomberomorus cavalla</i> (Cuvier 1829)	184	Marine	carnivore/piscivore	4.4±0.3 SD
		<i>Scomberomorus regalis</i> (Bloch 1793)	183	Marine	carnivore/piscivore	4.5±0.4 SD
		<i>Thunnus</i> spp.				
		<i>Thunnus albacares</i> (Bonnaterre 1788)	239	Marine	carnivore/piscivore	4.4±0.4 SD
		<i>Thunnus alalunga</i> (Bonnaterre 1788)	140	Marine	carnivore/piscivore	4.3±0.2 SD
		<i>Thunnus atlanticus</i> (Lesson 1831)	108	Marine	carnivore/piscivore	4.4±0.3 SD
		<i>Thunnus obesus</i> (Lowe 1839)	250	Marine	carnivore/piscivore	4.5±0.0 SD
		<i>Thunnus thynnus</i> (Linnaeus 1758)	458	Marine	carnivore/piscivore	4.5±0.8 SD
	Trichiuridae	<i>Trichiurus lepturus</i> Linnaeus 1758	234	Marine	carnivore/piscivore	4.4±0.4 SD;
		<i>Evoxymetopon taeniatus</i> Gill 1863 ^b	200*	Marine	carnivore/piscivore	4.5 ±0.7 SD
Syngnathiformes	Dactylopteridae	<i>Dactylopterus volitans</i> (Linnaeus 1758)	50	Marine	omnivore	3.7±0.5 SD
		<i>Centropomus</i> spp.				
	Centropomidae	<i>Centropomus parallelus</i> Poey 1860	72	Freshwater- Marine	carnivore/piscivore	4.2±0.74 SD
Carangiformes			<i>Centropomus undecimalis</i> (Bloch 1792)	140	Freshwater- Marine	carnivore/piscivore
	Polynemidae	<i>Polydactylus virginicus</i> (Linnaeus 1758)	33	Marine	omnivore	3.7±0.4 SD

Bothidae	<i>Bothus</i> spp.				
Paralichthyidae	<i>Paralichthys</i> spp.				
	<i>Paralichthys brasiliensis</i> (Ranzani 1842) ^b	100	Marine	carnivore/piscivore	4.4±0.6 SD
Istiophoridae	<i>Istiophorus platypterus</i> (Shaw 1792)	270	Marine	carnivore/piscivore	4.5±0.3 SD
	<i>Kajikia albida</i> (Poey 1860)	300	Marine	carnivore/piscivore	4.5±0.4 SD
	<i>Makaira nigricans</i> Lacepède 1802	500	Marine	carnivore/piscivore	4.5±0.3 SD
	<i>Alectis ciliaris</i> (Bloch 1787)	150	Marine	carnivore/piscivore	4.0±0.7 SD
	<i>Caranx</i> spp.				
	<i>Caranx bartholomaei</i> Cuvier 1833	100	Marine	carnivore/piscivore	4.5±0.2 SD
	<i>Caranx crysos</i> (Mitchill 1815)	70	Marine	carnivore/piscivore	4.1±0.4 SD
	<i>Caranx hippos</i> (Linnaeus 1766)	124	Marine	omnivore	3.6±0.4 SD
	<i>Caranx latus</i> Agassiz 1831	101	Marine	carnivore/piscivore	4.2±0.4 SD
	<i>Caranx lugubris</i> Poey 1860	100	Marine	carnivore/piscivore	4.5±0.8 SD
	<i>Caranx ruber</i> (Bloch 1793)	73	Marine	carnivore/piscivore	4.3±0.1 SD
Carangidae	<i>Chloroscombrus chrysurus</i> (Linnaeus 1766)	65	Marine	omnivore	3.5±0.2 SD
	<i>Elagatis bipinnulata</i> (Quoy & Gaimard 1825)	180	Marine	carnivore/piscivore	4.3±0.0 SD
	<i>Oligoplites</i> spp.				
	<i>Oligoplites saurus</i> (Bloch & Schneider 1801)	35	Marine	carnivore/piscivore	4.3±0.5 SD
	<i>Parona signata</i> (Jenyns 1841)	60	Marine	omnivore	3.4±0.45 SD
	<i>Selar crumenophthalmus</i> (Bloch 1793)	70	Marine	omnivore	3.8±0.2 SD
	<i>Selene</i> spp.				

		<i>Selene setapinnis</i> (Mitchill 1815)	60	Marine	omnivore	3.7±0.52 SD
		<i>Selene vomer</i> (Linnaeus 1758)	48.3	Marine	carnivore/piscivore	4.3±0.4 SD
		<i>Seriola</i> spp.				
		<i>Seriola dumerili</i> (Risso 1810)	190	Marine	carnivore/piscivore	4.5±0.0 SD
		<i>Seriola rivoliana</i> Valenciennes 1833	160	Marine	carnivore/piscivore	4.5±0.7 SD
		<i>Trachinotus</i> spp.				
		<i>Trachinotus falcatus</i> (Linnaeus 1758)	122	Marine	carnivore/piscivore	4.0±0.2 SD
		<i>Trachinotus carolinus</i> (Linnaeus 1766)	64	Marine	omnivore	3.5±0.6 SD
		<i>Trachinotus goodei</i> Jordan & Evermann 1896	50	Marine	carnivore/piscivore	4.3±0.4 SD
		<i>Uraspis secunda</i> (Poey 1860)	50	Marine	carnivore/piscivore	4.0±0.5 SD
	Echeneidae	<i>Echeneis naucrates</i> Linnaeus 1758	110	Marine	omnivore	3.7±0.3 SD
	Rachycentridae	<i>Rachycentron canadum</i> (Linnaeus 1766)	200	Marine	carnivore/piscivore	4.0±0.0 SD
	Coryphaenidae	<i>Coryphaena hippurus</i> Linnaeus 1758	210	Marine	carnivore/piscivore	4.4±0.0 SD
		<i>Astronotus ocellatus</i> (Agassiz 1831)	45.7	Freshwater	herbivore	2.8±0.32 SD
		<i>Chaetobranchius flavescens</i> Heckel 1840 ^b	21*	Freshwater	omnivore	3.0±0.35 SD
		<i>Cichla</i> spp.				
		<i>Cichla jariina</i> Kullander & Ferreira 2006 ^b	34*	Freshwater	carnivore/piscivore	4.2±0.5 SD
		<i>Cichla kelberi</i> Kullander & Ferreira 2006	58.5	Freshwater	carnivore/piscivore	4.4±0.5 SD
Cichliformes	Cichlidae					

<i>Cichla melaniae</i> Kullander & Ferreira 2006 ^b	36	Freshwater	carnivore/piscivore	4.1±0.5 SD
<i>Cichla miriana</i> e Kullander & Ferreira 2006 ^b	52*	Freshwater	carnivore/piscivore	4.3±0.5 SD
<i>Cichla monoculus</i> Agassiz 1831	70	Freshwater	omnivore	3.9±0.66 SD
<i>Cichla ocellaris</i> Bloch & Schneider 1801	74	Freshwater	carnivore/piscivore	4.5±0.80 SD
<i>Cichla orinocensis</i> Humboldt 1821	61.7	Freshwater	carnivore/piscivore	4.5±0.6 SD
<i>Cichla pinima</i> Kullander & Ferreira 2006 ^b	52*	Freshwater	carnivore/piscivore	4.3±0.5 SD
<i>Cichla piquiti</i> Kullander & Ferreira 2006	48	Freshwater	carnivore/piscivore	4.2±0.5 SD
<i>Cichla temensis</i> Humboldt 1821	99	Freshwater	carnivore/piscivore	4.5±0.5 SD
<i>Cichla thyrorus</i> Kullander & Ferreira 2006 ^b	43*	Freshwater	carnivore/piscivore	4.3±0.5 SD
<i>Cichla vazzoleri</i> Kullander & Ferreira 2006 ^b	41*	Freshwater	carnivore/piscivore	4.2±0.5 SD
<i>Coptodon rendalli</i> (Boulenger 1897)	45	Freshwater	herbivore	2.3±0.1 SD
<i>Crenicichla acutirostris</i> Günther 1862	23	Freshwater	omnivore	3.2±0.5 SD
<i>Crenicichla cincta</i> Regan 1905 ^b	19.5*	Freshwater	omnivore	3.2±0.5 SD
<i>Crenicichla johanna</i> Heckel 1840 ^b	28.3	Freshwater	omnivore	3.1±0.48 SD
<i>Crenicichla lenticulata</i> Heckel 1840 ^b	30*	Freshwater	omnivore	3.3±0.5 SD
<i>Crenicichla lugubris</i> Heckel 1840 ^b	32.9	Freshwater	omnivore	3.3±0.5 SD

		<i>Crenicichla marmorata</i> Pellegrin 1904 ^b	28*	Freshwater	omnivore	3.3±0.5 SD
		<i>Geophagus brasiliensis</i> (Quoy & Gaimard 1824)	28	Freshwater	herbivore	2.6±0.26 SD
		<i>Geophagus proximus</i> (Castelnau 1855) ^b	34.8	Freshwater	herbivore	2.1±0.1 SD
		<i>Hoplarchus psittacus</i> (Heckel 1840) ^b	32	Freshwater	omnivore	3.7±0.57 SD
		<i>Oreochromis niloticus</i> (Linnaeus 1758)	60	Freshwater	herbivore	2.0±0.0 SD
		<i>Parachromis managuensis</i> (Günther 1867)	55	Freshwater	carnivore/piscivore	4.0±0.59 SD
Atheriniformes	Atherinopsidae	<i>Odontesthes</i> spp.				
Beloniformes	Hemiramphidae	<i>Hemiramphus brasiliensis</i> (Linnaeus 1758)	55	Marine	herbivore	2.3±0.1 SD
		<i>Mugil</i> spp.				
Mugiliformes	Mugilidae	<i>Mugil curema</i> Valenciennes 1836	91	Marine	herbivore	2.0±0.0 SD
		<i>Mugil incilis</i> Hancock 1830	40	Marine	herbivore	2.0±0.1 SD
		<i>Mugil liza</i> Valenciennes 1836	80	Freshwater-Marine	herbivore	2.0±0.00 SD
	Lobotidae	<i>Lobotes surinamensis</i> (Bloch 1790)	110	Marine	carnivore/piscivore	4.0±0.5 SD
Acanthuriformes	Ephippidae	<i>Chaetodipterus faber</i> (Broussonet 1782)	91	Marine	carnivore/piscivore	4.5±0.0 SD
	Acanthuridae	<i>Acanthurus coeruleus</i> Bloch & Schneider 1801	39	Marine	herbivore	2.2±0.00 SD
Tetraodontiformes	Tetraodontidae	<i>Colomesus asellus</i> (Müller & Troschel 1849)	12.8	Freshwater	omnivore	3.3±0.51 SD

		<i>Colomesus psittacus</i> (Bloch & Schneider 1801)	29.3	Freshwater-Marine	omnivore	3.6±0.50 SD
		<i>Lagocephalus laevis</i> (Linnaeus 1766)	100	Marine	carnivore/piscivore	4.0±0.69 SD
		<i>Lagocephalus lagocephalus</i> (Linnaeus 1758)	61	Marine	omnivore	3.7±0.40 SD
		<i>Sphoeroides testudineus</i> (Linnaeus 1758)	38.8	Marine	omnivore	3.4±0.48 SD
	Balistidae	<i>Balistes</i> spp.				
		<i>Balistes vetula</i> Linnaeus 1758	60	Marine	omnivore	3.8±0.1 SD
		<i>Canthidermis sufflamen</i> (Mitchill 1815)	65	Marine	omnivore	3.5±0.3 SD
		<i>Melichthys niger</i> (Bloch 1786)	50	Marine	herbivore	2.4±0.0 SD
Centrarquiformes	Kyphosidae	<i>Kyphosus</i> spp.				
	Centrarchidae	<i>Micropterus salmoides</i> (Lacepède 1802) ^a	97	Freshwater	omnivore	3.8±0.4 SD
Perciformes *sedis mutabilis*	Serranidae	<i>Cephalopholis fulva</i> (Linnaeus 1758)	44	Marine	carnivore/piscivore	4.1±0.4 SD
		<i>Diplectrum</i> spp.				
		<i>Diplectrum formosum</i> (Linnaeus 1766)	30	Marine	carnivore/piscivore	4.5±0.0 SD
		<i>Diplectrum radiale</i> (Quoy & Gaimard 1824)	26	Marine	carnivore/piscivore	4.1±0.68 SD
		<i>Epinephelus adscensionis</i> (Osbeck 1765)	65	Marine	omnivore	3.5±0.4 SD
		<i>Epinephelus itajara</i> (Lichtenstein 1822)	250	Marine	carnivore/piscivore	4.1±0.0 SD
		<i>Epinephelus marginatus</i> (Lowe 1834)	150	Marine	carnivore/piscivore	4.4±0.0 SD

	<i>Epinephelus morio</i> (Valenciennes 1828)	125	Marine	omnivore	3.5±0.5 SD
	<i>Hyporthodus</i> spp.				
	<i>Mycteroperca</i> spp.				
	<i>Mycteroperca acutirostris</i> (Valenciennes 1828) ^b	80	Marine	omnivore	3.4 ±0.45 SD
	<i>Mycteroperca bonaci</i> (Poey 1860)	150	Marine	carnivore/piscivore	4.3±0.5 SD
	<i>Mycteroperca interstitialis</i> (Poey 1860)	84	Marine	carnivore/piscivore	4.5±0.8 SD
	<i>Rypticus saponaceus</i> (Bloch & Schneider 1801)	35	Marine	carnivore/piscivore	4.1±0.5 SD
Priacanthidae	<i>Heteropriacanthus cruentatus</i> (Lacepède 1801)	50.7	Marine	omnivore	3.6±0.2 SD
	<i>Priacanthus arenatus</i> Cuvier 1829	50	Marine	carnivore/piscivore	4.0±0.0 SD
Malacanthidae	<i>Malacanthus plumieri</i> (Bloch 1786)	70*	Marine	omnivore	3.7±0.3 SD
Latilidae	<i>Lopholatilus villarii</i> Miranda Ribeiro 1915 ^b	107	Marine	omnivore	3.8±0.4 SD
	<i>Lutjanus</i> spp.				
	<i>Lutjanus alexandrei</i> Moura & Lindeman 2007	24.3	Marine	omnivore	3.8±0.6 SD
Lutjanidae	<i>Lutjanus analis</i> (Cuvier 1828)	94	Marine	omnivore	3.9±0.2 SD
	<i>Lutjanus cyanopterus</i> (Cuvier 1828)	160	Marine	carnivore/piscivore	4.4±0.5 SD
	<i>Lutjanus jocu</i> (Bloch & Schneider 1801)	128	Marine	carnivore/piscivore	4.4±0.3 SD

	<i>Lutjanus synagris</i> (Linnaeus 1758)	60	Marine	omnivore	3.8±0.2 SD
	<i>Lutjanus vivanus</i> (Cuvier 1828)	83	Marine	omnivore	3.1±0.5 SD
	<i>Ocyurus chrysurus</i> (Bloch 1791)	86.3	Marine	carnivore/piscivore	4.0±0.3 SD
	<i>Diapterus</i> spp.				
	<i>Eucinostomus</i> spp.				
Gerreidae	<i>Eucinostomus melanopterus</i> (Bleeker 1863)	30	Freshwater-Marine	omnivore	3.4±0.52 SD
	<i>Eugerres brasilianus</i> (Cuvier 1830)	50	Marine	omnivore	3.4±0.43 SD
	<i>Atherinella brasiliensis</i> (Quoy & Gaimard 1825)	17.7	Marine	omnivore	3.2±0.3 SD
	<i>Anisotremus surinamensis</i> (Bloch 1791)	76	Marine	omnivore	3.6±0.2 SD
Haemulidae	<i>Conodon nobilis</i> (Linnaeus 1758)	33.6	Marine	omnivore	3.6±0.3 SD
	<i>Genyatremus luteus</i> (Bloch 1790)	37	Marine	omnivore	3.5±0.50 SD
	<i>Haemulopsis corvinaeformis</i> (Steindachner 1868)	25	Freshwater-Marine	omnivore	3.6±0.2 SD
	<i>Haemulon plumierii</i> (Lacepède 1801)	53	Marine	omnivore	3.8±0.0 SD
	<i>Orthopristis rubra</i> (Cuvier 1830)	40	Marine	omnivore	3.6±0.2 SD
Sparidae	<i>Archosargus rhomboidalis</i> (Linnaeus 1758)	33	Marine	herbivore	2.9±0.1 SD
	<i>Calamus penna</i> (Valenciennes 1830) ^b	46	Marine	Carnivore/piscivore	4.4±0.2 SD
	<i>Diplodus argenteus</i> (Valenciennes 1830)	37.8	Marine	omnivore	3.1±0.39 SD

Sciaenidae	<i>Ctenosciaena gracilicirrhus</i> (Metzelaar 1919)	21	Marine	omnivore	3.9±0.4 SD	
	<i>Cynoscion</i> spp.					
	<i>Cynoscion acoupa</i> (Lacepède 1801)	110	Freshwater- Marine	carnivore/piscivore	4.1±0.70 SD	
	<i>Cynoscion leiarchus</i> (Cuvier 1830)	90.8	Marine	omnivore	3.1±0.40 SD	
	<i>Cynoscion microlepidotus</i> (Cuvier 1830)	92	Marine	carnivore/piscivore	4.0±0.7 SD	
	<i>Cynoscion virescens</i> (Cuvier 1830) ^b	115	Marine	carnivore/piscivore	4.0±0.70 SD	
	<i>Larimus breviceps</i> Cuvier 1830	31	Marine	omnivore	3.5±0.6 SD	
	<i>Macrodon ancylodon</i> (Bloch & Schneider 1801)	45	Marine	omnivore	3.9±0.65 SD	
	<i>Macrodon atricauda</i> (Günther 1880)	46	Marine	carnivore/piscivore	4.0±0.6 SD	
	<i>Menticirrhus</i> spp.					
	<i>Menticirrhus americanus</i> (Linnaeus 1758)	50	Marine	omnivore	3.5±0.0 SD	
	<i>Menticirrhus gracilis</i> (Cuvier 1830)	No information	Marine			
	<i>Menticirrhus littoralis</i> (Holbrook 1847)	48.3	Marine	omnivore	3.9±0.6 SD	
	<i>Menticirrhus martinicensis</i> (Cuvier 1830)		Marine			
	<i>Micropogonias furnieri</i> (Desmarest 1823)	60	Marine	omnivore	3.1±0.1 SD	
	<i>Paralonchurus brasiliensis</i> (Steindachner 1875)	30	Marine	omnivore	3.4±0.3 SD	
<i>Plagioscion</i> spp.						

	<i>Plagioscion auratus</i> (Castelnau 1855) ^b	34.6*	Freshwater	carnivore/piscivore	3.5±0.48 SD
	<i>Plagioscion surinamensis</i> (Bleeker 1873)	70	Freshwater-Marine	carnivore/piscivore	4.5±0.80 SD
	<i>Plagioscion squamosissimus</i> (Heckel 1840)	80	Freshwater	carnivore/piscivore	4.4±0.5 SD
	<i>Pogonias cromis</i> (Linnaeus 1766)	170	Marine	omnivore	3.4±0.5 SD
	<i>Stellifer</i> spp.				
	<i>Stellifer rastrifer</i> (Jordan 1889)	32.1	Marine	omnivore	3.4±0.2 SD
	<i>Umbrina coroides</i> Cuvier 1830	35	Marine	omnivore	3.1±0.2 SD
Mullidae	<i>Pseudupeneus maculatus</i> (Bloch 1793)	30	Marine	omnivore	3.7±0.2 SD
Pomacentridae	<i>Abudefduf saxatilis</i> (Linnaeus 1758)	22.9	Marine	omnivore	3.8±0.2 SD
Labridae	<i>Clepticus brasiliensis</i> Heiser, Moura & Robertson 2000	23.3	Marine	omnivore	3.5±0.4 SD
	<i>Halichoeres brasiliensis</i> (Bloch 1791)	39.5*	Marine	omnivore	3.7±0.6 SD
Perciformes	<i>Scarus trispinosus</i> Valenciennes 1840	55.6	Marine	No information	No information
Scaridae	<i>Sparisoma amplum</i> (Ranzani 1841)	39*	Marine	herbivore	2.0±0.1 SD
	<i>Sparisoma axillare</i> (Steindachner 1878)	43.6	Marine	herbivore	2.0±0.1 SD
Pinguipedidae	<i>Pseudopercis numida</i> Miranda Ribeiro 1903 ^b	120	Marine	omnivore	3.9±0.5 SD