

TABLE S1 | Results of the literature search regarding the ichthyofauna of Paraíba State, northeast Brazil.

Item Type	Publication Year	Author	Title	Publication Title	Habitat	River basin	Topic
journalArticle	1972	Aída María Eskinazi, Oliviera	Peixes estuarinos do Nordeste Oriental brasileiro	Arquivos de Ciências do Mar	Estuary	Rio Paraíba	Taxonomy, systematic, evolution, and genetic
bookSection	1975	Alcy menezes de Lima; Marcilio Vieira Ferreira	Informe sobre a biologia pesqueira dos tubarões do estado da Paraíba	Pesca e aproveitamento econômico dos tubarões do nordeste brasileiro. Série de estudos pesqueiros 4.	Marine		Fisheries
journalArticle	1980	Rosa, Ricardo S	Lista sistemática de peixes marinhos da Paraíba (Brasil)	Revista Nordestina de Biologia	Marine		Taxonomy, systematic, evolution, and genetic
journalArticle	1980	Rosa RS	Levantamento preliminar de espécies de peixes marinhos na Paraíba	Revista Nordestina de Biologia	Marine		Taxonomy, systematic, evolution, and genetic
journalArticle	1989	Rosa, IL; Rosa, RS	New Records and Morphologic Data of <i>Porichthys kymosemum</i> Gilbert for the Coast of Brasil (pisces: Batrachoididae)	Revista Nordestina de Biologia	Marine		Distribution, and biogeography, Anatomy and morphology
journalArticle	1994	da Costa Ramos, Robson Tamar	Análise da composição e distribuição da fauna de peixes demersais da plataforma continental da Paraíba e estados vizinhos	Revista Nordestina de Biologia	Marine		Distribution, and biogeography
journalArticle	1994	Gurgel, J. J. S.; Fernando, C. H.	Fisheries in Semi-Arid Northeast Brazil with Special Reference to the Role of Tilapias	Internationale Revue der gesamten Hydrobiologie und Hydrographie	River	Piranhas	Fisheries
journalArticle	1997	Torelli, J; Rosa, IL; Watanabe, T	Ichthyofauna of the Gramame River, Paraíba, Brazil.	Iheringia. Série Zoologia	River	Gramame	Taxonomy, systematic, evolution, and genetic
journalArticle	1997	Rosa, Ricardo S; Rosa, Ierecê L; Rocha, Luiz A	Diversidade da ictiofauna de poças de maré da praia do Cabo Branco, João Pessoa, Paraíba, Brasil	Revista Brasileira de Zoologia	Marine		Taxonomy, systematic, evolution, and genetic
journalArticle	1998	Rocha, Luiz A; Rosa, Ierecê L; Rosa, Ricardo S	Peixes recifais da costa da Paraíba, Brasil	Revista Brasileira de Zoologia	Marine		Taxonomy, systematic, evolution, and genetic
journalArticle	1998	Nunes, CRR; Rosa, RS	Composição e distribuição da ictiofauna acompanhante em arrastos de camarão na costa da Paraíba, Brasil	Trabalhos Oceanográficos. Universidade Federal de Pernambuco, Recife	Marine		Fisheries
journalArticle	1998	Soares, Romildo Ribeiro; Rosa, Ierecê Lucena; Torelli, Jane	Alimentação e crescimento de <i>Prochilodus brevis</i> Steindachner, 1874 (Characiformes, Prochilodontidae) no rio Gramame, Paraíba, Brasil	Revista Nordestina de Biologia	River	Gramame	Trophic ecology; Life-history
journalArticle	1998	Monteiro, A., VASKE JR, T., Lessa, R. P., & El-Deir, A. C. A.	Exocoetidae (Beloniformes) off north-eastern Brazil.	Cybiuim	Marine		Distribution, and biogeography
book	1999	Lessa, R.P.; Santana, F.M.; Rincón, G.; Gadig, O.B.F.; El-Deir, A.C.A.	Biodiversidade de Elasmobrânquios Do Brasil		Marine		Distribution, and biogeography
journalArticle	2000	Rocha, LA; Rosa, IL; Feitoza, BM	Sponge-dwelling fishes of north-eastern Brazil	Environmental biology of fishes	Marine		Taxonomy, systematic, evolution, and genetic
journalArticle	2000	Medeiros, Elvio SF; Maltchik, Leonardo	Influence of hydrological disturbances on the reproduction of a fish community in an intermittent stream from the Brazilian semiarid region	Internationale Vereinigung für theoretische und angewandte Limnologie: Verhandlungen	River	Rio Paraíba	Ecology; Reproduction
journalArticle	2000	Débora K.S. Marques, Ierecê de Lucena Rosa, Hélio de Castro B. Gurgel	Descrição histológica de gônadas de traíra <i>Hoplias malabaricus</i> (Bloch) (Osteichthyes, Erythrinidae) da barragem do rio Gramame, Alhandra, Paraíba, Brasil	Revista Brasileira de Zoologia	river	Gramame	Reproduction
journalArticle	2001	Dias, Thelma LP; Rosa, Ierecê L; Feitoza, Bertran M	Food resource and habitat sharing by the three Western South Atlantic surgeonfishes (Teleostei: Acanthuridae: Acanthurus) off Paraíba coast, North-eastern Brazil	Aqua Journal of Ichthyology and Aquatic Biology	Marine		Trophic ecology
journalArticle	2001	Medeiros, Elvio SF; Maltchik, Leonardo	Diversity and stability of fishes (Teleostei) in a temporary river of the Brazilian semiarid region	Iheringia. Série Zoologia	River	Rio Paraíba	Ecology
journalArticle	2001	Medeiros, Elvio SF; Maltchik, Leonardo	Fish assemblage stability in an intermittently flowing stream from the Brazilian semiarid region	Austral Ecology	river	Rio Paraíba	Ecology

TABLE S1 | (Continued)

Item Type	Publication Year	Author	Title	Publication Title	Habitat	River basin	Topic
journalArticle	2001	Feitoza, Betran Miranda; Dias, Thelma Lúcia Pereira; de Souza Rosa, Ricardo	Occurrence of <i>Microgobius carri</i> Fowler 1945 (Teleostei: Gobiidae) in the coast of Paraíba, north-eastern Brazil, with notes on its ecology	Revista Nordestina de Biologia	Marine		Distribution, and biogeography
journalArticle	2001	Marques, Débora Karla Silvestre; Gurgel, Hélio de Castro Bezerra; de Lucena, Ierecê	Época de reprodução de <i>Hoplias malabaricus</i> Bloch, 1794 (Osteichthyes, Erythrinidae) da barragem do rio Gramame, Alhandra, Paraíba, Brasil	Revista Brasileira de Zoociências	river	Gramame	Reproduction
bookSection	2001	Gomes-Filho, H.P; Rosa R.S	Inventário da Ictiofauna da Bacia do rio Gramame, Paraíba, Brasil	A Bacia do rio Gramame: biodiversidade, uso e conservação	River	Gramame	Taxonomy, systematic, evolution, and genetic
journalArticle	2001	Leonardo Maltchik; Elvio Medeiros	Does hydrological stability influence biodiversity and community stability? A theoretical model for lotic ecosystems from the Brazilian semiarid region	Ciência e Cultura	River	Rio Paraíba	Ecology
journalArticle	2002	Mourao, JD; Nordi, N	Comparações entre as taxonomias folk e científica para peixes do estuário do rio Mamanguape, Paraíba-Brasil	Interciencia	Estuary	Mamanguape	Ethnoecology
journalArticle	2002	da Silva Mourão, J; Nordi, N	Principais critérios utilizados por pescadores artesanais na taxonomia folk dos peixes do estuário do rio Mamanguape, Paraíba-Brasil.	Interciencia	Estuary	Mamanguape	Ethnoecology
journalArticle	2002	Feitoza, Bertran M; Dias, Thelma LP; Rocha, Luiz A; Gasparini, João Luiz	First record of cleaning activity in the slippery dick, <i>Halichoeres bivittatus</i> (Perciformes: Labridae), off northeastern Brazil	journal of ichthyology and aquatic biology	Marine		Ecology
journalArticle	2002	Britski, Heraldo A; Julio Cesar Garavello	<i>Parotocinclus jumbo</i> , a new species of the subfamily Hypoptopomatinae from northeastern Brazil (Ostariophysi: Loricariidae).	Ichthyological Exploration of Freshwaters	River	Rio Paraíba	Taxonomy, systematic, evolution, and genetic; Anatomy and morphology; Distribution, and biogeography
journalArticle	2003	Ramos, RTC; Rocha, CR; Rocha, LA	New species of <i>Emblemaria</i> (Teleostei: Chaenopsidae) from northern Brazil	Copeia	Marine		Taxonomy, systematic, evolution, and genetic
bookSection	2003	Rosa, Ricardo S; Menezes, Naércio A; Britski, Heraldo A; Costa, WJEM; Groth, Fernando	Diversidade, padrões de distribuição e conservação dos peixes da Caatinga	Ecologia e Conservação da Caatinga.	river	Rio Paraíba	Distribution, and biogeography
bookSection	2004	Rosa, Ricardo S; Groth, Fernando	Ictiofauna dos ecossistemas de brejos de altitude de Pernambuco e Paraíba	Brejos de Altitude em Pernambuco e Paraíba: História Natural, Ecologia e Conservação.	river	Rio Paraíba	Taxonomy, systematic, evolution, and genetic
bookSection	2004	Rosa, Ricardo	Diversidade e conservação dos peixes da Caatinga	Biodiversidade da caatinga: áreas e ações prioritárias para a conservação	River	Rio Paraíba	Taxonomy, systematic, evolution, and genetic
journalArticle	2005	Feitoza, BM; Rosa, RS; Rocha, LA	Ecology and zoogeography of deepreef fishes in northeastern Brazil	Bulletin Of Marine Science	Marine		Ecology; Distribution, and biogeography
journalArticle	2005	Shibuya, Akemi; Rosa, RS; Soares, Mateus Costa	Note on the diet of the guitarfish <i>Rhinobatos percellens</i> (Walbaum, 1792)(Elasmobranchii: Rhinobatidae) from the coast of Paraíba, Brazil	Acta Biologica Leopoldensia	Marine		Trophic ecology
journalArticle	2005	Shibuya, Akemi; de Souza Rosa, Ricardo; Gadig, Otto Bismarck Fazzano	Stomach contents of <i>Galeorcerdo cuvieri</i> and <i>Carcharhinus plumbeus</i> (Elasmobranchii: Carcharhinidae) caught off Paraíba state, Brazil	Arquivos de Ciências do Mar	Marine		Trophic ecology
journalArticle	2005	Sassi, Roberto; Costa, CF	Uma abordagem sócio-econômica E sócio-ambiental dos pescadores artesanais E outros usuários ribeirinhos do estuário do rio Paraíba do Norte, estado da Paraíba, Brasil.	Tropical Oceanography	Estuary	Rio Paraíba	Fisheries
journalArticle	2005	Rosa, Ierecê ML; Alves, Rômulo RN; Bonifácio, Kallyne M.; Mourão, José S.; Osório, Frederico M.; Oliveira, Tacyana PR; Nottingham, Mara C.	Fishers' knowledge and seahorse conservation in Brazil	Journal of Ethnobiology and Ethnomedicine	Estuary	Mamanguape	Ethnoecology



TABLE S1 | (Continued)

Item Type	Publication Year	Author	Title	Publication Title	Habitat	River basin	Topic
bookSection	2005	Robson Tamar da Costa Ramos; Telton Pedro Anselmo Ramos; Ricardo de Souza Rosa; Gabriel de Barros Moreira Beltrão; Fernando Groth	Diversidade de peixes (Ictiofauna) da bacia do rio Curimataú, Paraíba.	Análise das variações da biodiversidade do bioma caatinga: suporte das estratégias regionais de conservação	river	Curimataú	Taxonomy, systematic, evolution, and genetic
journalArticle	2006	Osório, R; Rosa, IL; Cabral, H	Territorial defence by the Brazilian damselfish <i>Stegastes fuscus</i> (Teleostei: Pomacentridae)	Journal of Fish Biology	Marine		Ecology
journalArticle	2006	Medeiros, Elvio Sergio Figueiredo; da Costa Ramos, Robson Tamar; Ramos, Telton Pedro Anselmo; da Silva, Márcio Joaquim	Spatial variation in reservoir fish assemblages along semi-arid intermittent river, Curimataú River, northeastern Brazil	Revista de Biologia e Ciências da Terra	River	Curimataú	Ecology
journalArticle	2006	Montenegro, Ana Karla Araújo; Crispim, Maria Cristina; Torelli, Jane; Marinho, Randolpho Sávio Araújo	The influence of the methodology in the results of food diet analysis of <i>Steindachnerina notonota</i> (MIRANDA RIBEIRO, 1937), in Ta-peroá II Dam, Paraíba State	Revista de Biologia e Ciências da Terra	river	Rio Paraíba	Trophic ecology
journalArticle	2006	Mourao, Jda Silva; Nordi, N	Pescadores, peixes, espaço e tempo: uma abordagem etnoecológica	Interciencia	Estuary	Mamanguape	Etnoecology
journalArticle	2006	Maltchik, Leonardo; Medeiros, ESF	Conservation importance of semi-arid streams in north-eastern Brazil: implications of hydrological disturbance and species diversity	Aquatic Conservation: Marine and Freshwater Ecosystems	river	Rio Paraíba	Conservation and management
journalArticle	2006	Maltchik, Leonardo; Medeiros, Elvio Sergio Figueiredo	Diversidade, estabilidade e atividade reprodutiva de peixes em uma poça fluvial permanente no leito de um riacho efêmero, riacho Avelós, Paraíba, Brasil	Revista de Biologia e Ciências da Terra	river	Rio Paraíba	Ecology, Reproduction
journalArticle	2006	Randolpho Sávio de A. Marinho ^{1,2} ; Jane Enisa Ribeiro Torelli de Souza ^{1,3} ; Aline Sousa Silva ^{1,4} ; Leonardo L. Ribeiro	Biodiversidade de peixes do semi-árido paraibano	Revista de Bioecologia e Ciências da Terra	river	Rio Paraíba	Ecology
journalArticle	2006	Alves, R. R., & Rosa, I. L	From cnidarians to mammals: The use of animals as remedies in fishing communities in NE Brazil	Journal of ethnopharmacology	Marine		Etnoecology
journalArticle	2007	De Souza, Allan T.; Ilarri, Martina Di Iulio; De Medeiros, Paulo Roberto; Grempel, Renato Grotta; Rosa, Ricardo S.; Sampaio, Claudio L. S.	Fishes (Elasmobranchii and Actinopterygii) of Picaquinho reef, Northeastern Brazil, with notes on their conservation status	Zootaxa	Marine		Taxonomy, systematic, evolution, and genetic
journalArticle	2007	Medeiros, PAULO R; Grempel, RENATO G; Souza, ALLAN T; Ilarri, MARTINA I; Sampaio, CLS de Souza, Allan Taina; Ilarri, Martina Di Iulio; de Medeiros, Paulo Roberto; Sampaio, Cláudio Luís Santos; Horta, Paulo Antunes	Effects of recreational activities on the fish assemblage structure in a northeastern Brazilian reef	Pan-American Journal of Aquatic Sciences	Marine		Ecology
journalArticle	2007		Small distances, great differences: a case study involving the biomass of reef seaweeds and fishes on the coast of Paraíba, Northeast Brazil	Revista Biotemas	Marine		Ecology
journalArticle	2007	Nunes, J.A. CC; Sampaio, C LS	Notes on the ecology of the poorly known Brown-striped grunt, <i>Anisotremus moricandi</i> (Ranzani, 1842), in the coastal reefs of the Northeastern region of Brazil	Pan-American Journal of Aquatic Sciences	Marine		Ecology
journalArticle	2007	Medeiros, PR; Ramos, RTC	Predicting ecomorphological patterns from morphology of a tropical estuarine fish assemblage	Biociências	Estuary	Mamanguape	Ecology
journalArticle	2008	Primentel Rocha, Michelle da Silva; Mourao, Jose da Silva; Silva Souto, Wedson de Medeiros; Duarte Barboza, Raynner Rilke; da Nobrega Alves, Romulo Romeu	O uso dos recursos pesqueiros no estuário do rio Mamanguape, estado da Paraíba, Brasil	Interciencia	Estuary	Mamanguape	Fisheries
journalArticle	2008	Ilarri, Martina Di Iulio; de Souza, Allan Taina; de Medeiros, Paulo Roberto; Grempel, Renato Grotta; Rosa, Ierece Maria de Lucena	Effects of tourist visitation and supplementary feeding on fish assemblage composition on a tropical reef in the Southwestern Atlantic	Neotropical Ichthyology	Marine		Trophic ecology
journalArticle	2008	Castro, André Luiz da Costa; Diniz, Aline de Farias; Martins, Ieda Zapparoli; Vendel, Ana Lúcia; Oliveira, Tacyana Pereira Ribeiro de; Rosa, Ierece Maria de Lucena	Assessing diet composition of seahorses in the wild using a non destructive method: <i>Hippocampus reidi</i> (Teleostei: Syngnathidae) as a study-case	Neotropical Ichthyology	Estuary	Mamanguape	Trophic ecology



TABLE S1 | (Continued)

Item Type	Publication Year	Author	Title	Publication Title	Habitat	River basin	Topic
journalArticle	2008	Rocha, Michelle da Silva Pimentel; Mourão, José da Silva; Souto, Wedson de Medeiros Silva; Barboza, Raynner Rilke Duarte; Alves, Rômulo Romeu da Nóbrega	O uso dos recursos pesqueiros no estuário do rio Mamanguape, estado da Paraíba, Brasil	Interciencia	Estuary	Mamanguape	Fisheries
journalArticle	2009	Gallo, Valeria; Salgado de Carvalho, Marise Sardenberg; Souto, Alex Alves	A possible occurrence of Diodontidae (Teleostei, Tetraodontiformes) in the Upper Cretaceous of the Paraíba Basin, northeastern Brazil	Cretaceous Research	Marine		Others
journalArticle	2009	Alves, Romulo R. N.	Fauna used in popular medicine in Northeast Brazil	Journal of Ethnobiology and Ethnomedicine	Estuary		Etnoecology
journalArticle	2009	de Barros Moreira Beltrão, Gabriel; Figueredo Medeiros, Elvio Sérgio; da Costa Ramos, Robson Tamar	Effects of riparian vegetation on the structure of the marginal aquatic habitat and the associated fish assemblage in a tropical Brazilian reservoir.	Biota Neotropica	River	Gramame	Ecology
journalArticle	2009	Barletta, M; Costa, MF	Living and non-living resources exploitation in a tropical semi-arid estuary	Journal of Coastal Research	Estuary	Abiaí	Fisheries
journalArticle	2009	Chaves, Márcio Frazão; Torelli, Jane; Targino, Carlos Henrique; Crispim, Maria Cristina	Dinâmica reprodutiva e estrutura populacional de <i>Hoplias aff. malabaricus</i> (Bloch, 1794) (Characiformes, Erythrinidae), em açude da Bacia do Rio Taperoá, Paraíba	Revista Biotemas	river	Rio Paraíba	Life-history, Reproduction
journalArticle	2010	Teixeira, Simone F.; Duarte, Yalan F.; Ferreira, Beatrice P.	Reproduction of the fish <i>Lutjanus analis</i> (mutton snapper; Perciformes: Lutjanidae) from Northeastern Brazil	Revista de Biologia Tropical	Marine		Life-history, Reproduction
journalArticle	2010	Honório, PPF; Ramos, RTC; Feitoza, BM	Composition and structure of reef fish communities in Paraíba State, north-eastern Brazil	Journal of Fish Biology	Marine		Ecology
journalArticle	2010	Freire, Kátia de Meirelles Felizola	Unregulated catches from recreational fisheries off northeastern Brazil	Atlântica (Rio Grande)	Marine		Fisheries
journalArticle	2010	Silva, Márcio J da; Figueiredo, Bruno RS; Ramos, Robson TC; Medeiros, Elvio SF	Food resources used by three species of fish in the semi-arid region of Brazil	Neotropical Ichthyology	River	Piranhas	Trophic ecology
journalArticle	2010	Medeiros, ESF; Silva, MJ; Figueiredo, BRS; Ramos, TPA; Ramos, RTC	Effects of fishing technique on assessing species composition in aquatic systems in semi-arid Brazil	Brazilian Journal of Biology	river	Piranhas	Others
journalArticle	2010	Alves, Rômulo Romeu Nóbrega; das Graças Gerônimo Oliveira, Maria; Barboza, Raynner Rilke Duarte; Lopez, Luiz Carlos Seramó	An ethnozoological survey of medicinal animals commercialized in the markets of Campina Grande, NE Brazil	Human Ecology Review	River	Rio Paraíba	Etnoecology
journalArticle	2010	Montenegro, Ana Karla Araujo; Torelli, Jane Enisa Ribeiro; de Araújo Marinho, Randolpho Sávio; Crispim, Maria Cristina; Hernandez, Malva Isabel Medina	Aspects of the feeding and population structure of <i>Leporinus piau Fowler, 1941</i> (Actinopterygii, Characiformes, Anostomidae) of Taperoá II Dam, semi arid region of Paraíba, Brazil	Revista Biotemas	river	Rio Paraíba	Trophic ecology; Life-history
journalArticle	2010	Honório, Paula Pires Ferreira	Fishes of Sapatás reef, Northeastern Brazil	Revista Nordestina de Biologia	Marine		Taxonomy, systematic, evolution, and genetic
journalArticle	2010	Medeiros, Paulo R; Gempel, Renato G; Souza, Allan T; Ilarri, Martina I; Rosa, Ricardo S	Non-random reef use by fishes at two dominant zones in a tropical, algal-dominated coastal reef	Environmental biology of fishes	Marine		Ecology
bookSection	2010	de Lucena Rosa, Ierecê Maria; da Nóbrega Alves, Rômulo Romeu; Bonifácio, Kallyne Machado; Osório, Frederico; da Silva Mourão, José; Pereira, Tacyana; de Oliveira, Ribeiro; Nottingham, Mara Carvalho	Bioecologia de cavalos-marinhos (Teleostei: Syngnathidae: Hippocampus) na visão de pescadores do Norte e Nordeste do Brasil	A Etnozoologia no Brasil: importância, status atual e perspectivas futuras	Estuary	Mamanguape	Etnoecology
journalArticle	2010	Peixoto, GM; Torelli, J; Silva, AS; Marinho, RSA; Montenegro, AK; Cardoso, MM	Estrutura de crescimento da população de <i>Hoplias malabaricus</i> (bloch 1794) (pisces, erythrinidae) do Açude Taperoá ii, no Semi-árido Paraibano	Revista Nordestina de Zoologia	river	Rio Paraíba	Life-history



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Item Type	Publication Year	Author	Title	Publication Title	Habitat	River basin	Topic
journalArticle	2010	Freire, Kátia M. F.; Pauly, Daniel	Fishing down Brazilian marine food webs, with emphasis on the east Brazil large marine ecosystem	Fisheries Research	Marine		fisheries
journalArticle	2011	Alves Barbosa, Jose Aecio; Nobrega, Veruska Asevedo; da Nobrega Alves, Romulo Romeu	Hunting practices in the semiarid region of Brazil	Indian Journal Of Traditional Knowledge	River	Rio Paraíba	Etnoecology
journalArticle	2011	Leo Neto, Nivaldo Aureliano; Mourão, Jose da Silva; Nobrega Alves, Romulo Romeu	"It all begins with the head": initiation rituals and the symbolic conceptions of animals in Candomble	Journal of Ethnobiology	river	Rio Paraíba	Etnoecology
journalArticle	2011	Shibuya, Akemi; Rosa, Ricardo de Souza	Diet composition of <i>Dasyatis mairananae</i> (Elasmobranchii: Dasyatidae) of Paraíba State, Brazil	Arquivos de Ciências do Mar	Marine		Trophic ecology
journalArticle	2011	Montenegro, Ana Karla Araujo; Torelli, Jane Enisa Ribeiro; Crispim, Maria Cristina; Medeiros, Ana Maria Alves	Population and feeding structure of <i>Steindachnerina notonota</i> Miranda-Ribeiro, 1937 (Actinopterygii, Characiformes, Curimatidae) in Taperoá II dam, semi-arid region of Paraíba, Brazil	Acta Limnologica Brasiliensis	River	Rio Paraíba	Trophic ecology; Life-history
journalArticle	2011	Souto, Wedson MS; Mourao, Jose S; Barboza, Raynner Rilke D; Alves, Rômulo RN	Parallels between zootherapeutic practices in ethnoveterinary and human complementary medicine in northeastern Brazil	Journal of ethnopharmacology	River	Rio Paraíba	Etnoecology
journalArticle	2012	Bornatowski, Hugo; Heithaus, Michael R.; Batista, Clenia M. P.; Mascarenhas, Rita	Shark scavenging and predation on sea turtles in northeastern Brazil	Amphibia-Reptilia	Marine		Trophic ecology
journalArticle	2012	Rocha, Michelle S. P.; Santiago, Idalina M. F. L.; Cortez, Creuza S.; Trindade, Priscila M.; Mourao, Jose S.	Use of Fishing Resources by Women in the Mamanguape River Estuary, Paraíba state, Brazil	Anais da Academia Brasileira de Ciências	Estuary	Mamanguape	Fisheries
journalArticle	2012	Bezerra, Dandara M. M.; Nascimento, Douglas M.; Ferreira, Emmanoela N.; Rocha, Pollyana D.; Mourao, Jose S.	Influence of tides and winds on fishing techniques and strategies in the Mamanguape River Estuary, Paraíba State, NE Brazil	Anais da Academia Brasileira de Ciências	Estuary	Mamanguape	Ecology
journalArticle	2012	Montenegro, A. K. A.; Torelli, J. E. R.; Crispim, M. C.; Hernandez, M. I. M.; Medeiros, A. M. A.	Ichthyofauna diversity of Taperoá II reservoir, semi-arid region of Paraíba, Brazil	Brazilian Journal of Biology	River	Rio Paraíba	Ecology
journalArticle	2012	Queiroga, Fernando R.; Golzio, Jéssica E.; Santos, Raphaela B. dos; Martins, Tayná O.; Vendel, Ana Lúcia	Reproductive biology of <i>Sciades herzbergii</i> (Siluriformes: Ariidae) in a tropical estuary in Brazil	Zoologia (Curitiba)	Estuary	Rio Paraíba	Reproduction
journalArticle	2012	Xavier, Josias Henrique de Amorim; Cordeiro, Cesar Augusto Marcelino Mendes; Tenório, Gabrielle Dantas; Diniz, Aline de Farias; Paulo Júnior, Eugenio Pacelli Nunes; Rosa, Ricardo S; Rosa, Ierecê Lucena	Fish assemblage of the Mamanguape Environmental Protection Area, NE Brazil: abundance, composition and microhabitat availability along the mangrove-reef gradient	Neotropical Ichthyology	Estuary	Mamanguape	Ecology
journalArticle	2012	Souto, Wedson; Barboza, Raynner RD; Rocha, Michelle SP; Alves, Rômulo; Mourão, José S	Animal-based medicines used in ethnoveterinary practices in the semi-arid region of Northeastern Brazil	Anais da Academia Brasileira de Ciências	River	Piranhas	Etnoecology
journalArticle	2012	Cardoso, Maria Marcolina Lima; Torelli, Jane Enisa Ribeiro; Crispim, Maria Cristina; Siqueira, Rosângela	Diversidade de peixes em poças de um rio intermitente do semi-árido paraibano, Brasil	Biotemas	river	Rio Paraíba	Taxonomy, systematic, evolution, and genetic
journalArticle	2012	Júnior, Eugenio Pacelli Nunes Paulo; de Amorim Xavier, Josias Henrique; Sassi, Roberto; de Souza Rosa, Ricardo	Gestão da pesca artesanal na Costa da Paraíba, Brasil: uma abordagem utilizando o Processo Analítico Hierárquico	Revista de Gestão Costeira Integrada-Journal of Integrated Coastal Zone Management	Marine		Fisheries
journalArticle	2013	Gorlach-Lira, K; Pacheco, C; Carvalho, LCT; Melo Júnior, HN; Crispim, MC	The influence of fish culture in floating net cages on microbial indicators of water quality	Brazilian Journal of Biology	River	Rio Paraíba	Others
journalArticle	2013	Montenegro, Ana Karla Araujo; Vieira, Ana Carolina Brito; Cardoso, Maria Marcolina Lima; Souza, Jane Enisa Ribeiro Torelli de; Crispim, Maria Cristina	Piscivory by <i>Hoplias aff. malabaricus</i> (Bloch, 1794): a question of prey availability?	Acta Limnologica Brasiliensis	river	Rio Paraíba	Trophic ecology
journalArticle	2013	Ramos, Telton Pedro A.; Barros-Neto, Luciano F.; Britski, Heráldo A.; Lima, Sergio M. Q.	<i>Parotocinclus seridoensis</i> , a new hypoptopomatine catfish (Siluriformes: Loricariidae) from the upper rio Piranhas-Açu basin, northeastern Brazil	Neotropical Ichthyology	River	Piranhas	Taxonomy, systematic, evolution, and genetic; Anatomy and morphology; Distribution, and biogeography; Ecology
journalArticle	2014	da Silva, Marcio Joaquim; Anselmo Ramos, Telton Pedro; Diniz, Virginia Dantas; da Costa Ramos, Robson Tamar; Figueredo Medeiros, Elvio Sergio	Ichthyofauna of Serido/Borborema: a semi-arid region of Brazil	Biota Neotropica	River	Piranhas	Taxonomy, systematic, evolution, and genetic

TABLE S1 | (Continued)

Item Type	Publication Year	Author	Title	Publication Title	Habitat	River basin	Topic
journalArticle	2014	Oliveira, Ronnie E. M. C. C.; Pessanha, Andre L. M.	Fish assemblages along a morphodynamic continuum on three tropical beaches	Neotropical Ichthyology	Estuary	Mamanguape	Ecology
journalArticle	2014	Martins, Tayná Oliveira; Vendel, Ana Lúcia	Fishes collected with an artisanal fish trap in Barra de Camaratuba estuary, northeastern Brazil	Check List	Estuary	Camaratuba	Taxonomy, systematic, evolution, and genetic
journalArticle	2014	Almeida, Dyego Medeiros de; Silva-Oliveira, Érica Caldas; Alves, Rômulo Romeu Nóbrega	Ethnoichthyology of fishermen community from the Praia da Penha, in João Pessoa City, Paraíba, Brazil	Brazilian Journal of Biological Sciences	Marine		Etnoecology
journalArticle	2014	Vila-Nova, Daniele A.; Ferreira, Carlos Eduardo L.; Barbosa, Fabiana G.; Floeter, Sergio R.	Reef fish hotspots as surrogates for marine conservation in the Brazilian coast	Ocean & Coastal Management	Marine		Ecology
journalArticle	2015	Aylesworth, L. A.; Xavier, J. H.; Oliveira, T. P. R.; Tenorio, G. D.; Diniz, A. F.; Rosa, I. L.	Regional-scale patterns of habitat preference for the seahorse <i>Hippocampus reidi</i> in the tropical estuarine environment	Aquatic Ecology	Estuary	Mamanguape	Ecology
journalArticle	2015	de Almeida Ramos Campos, Dafne Marcelle; da Silva, Adna Ferreira; Sales, Natalice dos Santos; Carvalho Cunha Oliveira, Ronnie Enderson Mariano; Machado Pessanha, André Luiz	Trophic relationships among fish assemblages on a mudflat within a Brazilian Marine protected area	Brazilian Journal Of Oceanography	Estuary	Mamanguape	Trophic ecology
journalArticle	2015	Araújo, Francisco Gerson; Oliveira, Ronnie Enderson MCC; Silva, Adna Ferreira da; Sales, Natalice Santos	Ecomorphology and resource use by dominant species of tropical estuarine juvenile fishes	Neotropical Ichthyology	Estuary	Mamanguape	Ecology
journalArticle	2015	Claudino, Marlucy Coelho; Pessanha, André Luiz Machado; Araújo, Francisco Gerson; Garcia, Alexandre Miranda	Trophic connectivity and basal food sources sustaining tropical aquatic consumers along a mangrove to ocean gradient	Estuarine, Coastal and Shelf Science	Estuary	Mamanguape	Trophic ecology
journalArticle	2015	Clark, Fernando José König; Pessanha, André Luiz Machado	Diet and ontogenetic shift in habitat use by <i>Rhinostomus bairdii</i> in a tropical semi-arid estuary, north-eastern Brazil	Journal of the Marine Biological Association of the United Kingdom	Estuary	Mamanguape	Trophic ecology
journalArticle	2016	Dolbeth, M.; Vendel, A. L.; Baeta, A.; Pessanha, A.; Patricio, J.	Exploring ecosystem functioning in two Brazilian estuaries integrating fish diversity, species traits and food webs	Marine Ecology Progress Series	Estuary	Rio Paraíba	Ecology
journalArticle	2016	<u>Dolbeth, M.; Vendel, A. L.; Pessanha, A.; Patricio, J.</u>	Functional diversity of fish communities in two tropical estuaries subjected to anthropogenic disturbance	Marine Pollution Bulletin	Estuary	Rio Paraíba	Ecology
journalArticle	2016	Alves, V. E. N.; Patricio, J.; Dolbeth, M.; Pessanha, A.; Palma, A. R. T.; Dantas, E. W.; Vendel, A. L.	Do different degrees of human activity affect the diet of Brazilian silverside <i>Atherinella brasiliensis</i> ?	Journal of Fish Biology	Estuary	Rio Paraíba	Ecology
journalArticle	2016	Araújo, A. L. F. D., Dantas, R. P., & Pessanha, A. L. M.	Feeding ecology of three juvenile mojarra (Gerreidae) in a tropical estuary of northeastern Brazil	Neotropical Ichthyology	Estuary	Mamanguape	Trophic ecology
journalArticle	2016	Bernardino, Maria G. S.; Silva, Edijanio G.; Bezerra, Tercio I. C.; Lucena, Ricardo B.; Satake, Fabiana	Ectoparasitologic, hematologic and histopathologic assessment of <i>Hoplias malabaricus</i> Bloch, 1794 from ponds located in Sume municipality, state of Paraíba, Brazil	Pesquisa Veterinaria Brasileira	River	Rio Paraíba	Parasitology
journalArticle	2016	Nascimento, Glória Cristina Cornélio do; Córdula, Eduardo Beltrão de Lucena; Lucena, Reinaldo Farias Paiva de; Rosa, Ricardo de Souza; Mourão, José da Silva	Characterization of artisanal fishing in fishweirs, the north coast of Paraíba, Brazil	Arquivos de Ciências do Mar	Marine		Fisheries
journalArticle	2016	Garcia FAD; Vendel, SLA	Dietary overlap and food resource partitioning among fish species of a tropical estuary in northeastern Brazil	Gaia Scientia	Estuary	Rio Paraíba	Trophic ecology
journalArticle	2016	Ramos, JAA; Barletta, M; Dantas, DV; Costa, MF	Seasonal and spatial ontogenetic movements of Gerreidae in a Brazilian tropical estuarine ecotone and its application for nursery habitat conservation	Journal of Fish Biology	Estuary	Abiaí	Ecology
journalArticle	2016	Berbel-Filho, Waldir M; Martinez, Pablo A; Ramos, Telton PA; Torres, Rodrigo A; Lima, Sergio MQ	Inter-and intra-basin phenotypic variation in two riverine cichlids from northeastern Brazil: potential eco-evolutionary damages of São Francisco interbasin water transfer	Hydrobiologia	river	Rio Paraíba	Taxonomy, systematic, evolution, and genetic



TABLE S1 | (Continued)

Item Type	Publication Year	Author	Title	Publication Title	Habitat	River basin	Topic
journalArticle	2016	Figueiredo, GGAA; Pessanha, ALM	Comparative study of trophic organization of juvenile fish assemblages of three tidal creeks in a tropical semi-arid estuary	Journal of Fish Biology	Estuary	Mamanguape	Trophic ecology
journalArticle	2017	Vendel, A. L.; Bessa, F.; Alves, V. E. N.; Amorim, A. L. A.; Patricio, J.; Palma, A. R. T.	Widespread microplastic ingestion by fish assemblages in tropical estuaries subjected to anthropogenic pressures	Marine Pollution Bulletin	Estuary	Rio Paraíba	Ecology
journalArticle	2017	Golzio, Jessica E. S. A.; Falkenberg, Julia M.; Praxedes, Rayssa C. G.; Coutinho, Anderson S.; Laurindo, Mylena K.; Pessanha, Andre; Madi, Rubens R.; Patricio, Joana; Vendel, Ana L.; Souza, Geza T. R.; Melo, Claudia M.; Lacerda, Ana Carolina F.	Gill parasites of fish from two estuaries in northeastern Brazil: new hosts and geographical records	Anais da Academia Brasileira de Ciências	Estuary	Rio Paraíba, Mamanguape	Parasitology
journalArticle	2017	Lustosa Costa, Silvia Yasmin; de Lucena Barbosa, Jose Etham; Viana, Leandro Gomes; Anselmo Ramos, Telton Pedro	Composition of the ichthyofauna in Brazilian semiarid reservoirs	Biota Neotropica	River	Rio Paraíba	Taxonomy, systematic, evolution, and genetic
journalArticle	2017	Macêdo, Anderson Kelvin Saraiva; Silva, JRP; Oliveira, SP; Haddad Junior, V; Vendel, Ana Lúcia	Potentially dangerous fish of the Paraíba Estuary: Identification and envenomation mechanisms	Journal of Coastal Life Medicine	Estuary	Rio Paraíba	Taxonomy, systematic, evolution, and genetic
journalArticle	2017	Medeiros, Aline Paiva Morais de; Xavier, Josias Henrique de Amorim; Rosa, Ierecê Maria de Lucena	Diet and trophic organization of the fish assemblage from the Mamanguape River Estuary, Brazil	Latin american journal of aquatic research	Estuary	Mamanguape	Trophic ecology
journalArticle	2017	Gouveia, Rafaela Santos Dias; de Almeida Lira, Giordânia Lays; Ramos, Telton Pedro Anselmo; Medeiros, Elvio Sergio Figueredo	Ichthyofauna of the Reserva Biológica Guaribas and surrounding areas, state of Paraíba, Brazil	Check List	river	Mamanguape	Taxonomy, systematic, evolution, and genetic
bookSection	2017	Lima, Sergio Maia Queiroz; Ramos, Telton Pedro Anselmo; da Silva, Márcio Joaquim; de Souza Rosa, Ricardo	Diversity, distribution, and conservation of the Caatinga fishes: advances and challenges	Caatinga: The largest tropical dry forest region in South America	river	Rio Paraíba	Taxonomy, systematic, evolution, and genetic
journalArticle	2017	Sousa, Alison Bruno Borges de; Santos, Oscar de Oliveira; Visentainer, Jesui Vergilio; Almeida, Neiva Maria de	Total lipid nutritional quality of the adipose tissue from the orbital cavity in Nile tilapia from continental aquaculture	Acta Scientiarum. Animal Sciences	River	Farms	Others
bookSection	2017	Barletta, Mário; Lima, André RA; Dantas, David V; Oliveira, Igor M; Neto, Jurandyr Reis; Fernandes, Cezar AF; Farias, Eduardo GG; Filho, Jorge LR; Costa, Monica F	How can accurate landing stats help in designing better fisheries and environmental management for Western Atlantic estuaries?	Coastal wetlands: alteration and remediation	Estuary	Abiaí	Fisheries
journalArticle	2017	de Siqueira Alves, Ticiano Vanderlei	Impacto da degradação ambiental sobre a caracterização da ictiofauna do estuário do Rio Paraíba (Nordeste do Brasil)	Revista Principia-Divulgação Científica e Tecnológica do IFPB	Estuary	Rio Paraíba	Ecology
journalArticle	2017	Ferreira, Paulo Victor Celestino; Amorim, ALA; Pessoa, Willy Vila Nova; Ramos, Jonas de Assis Almeida	Influência das fases da lua na abundância de <i>Larimus breviceps</i> na zona de arrebentação da praia de Miramar-PB	Revista Principia-Divulgação Científica e Tecnológica do IFPB	Marine		Ecology
journalArticle	2017	Ramos, Telton; Rocha, Yuri; Silva, Márcio; Rosa, Ricardo; Filho, Gildo; Neto, Antônio	Ictiofauna do Rio Jaguaribe, uma microbacia sob domínio da mata atlântica, Paraíba, Nordeste do Brasil.	Revista Nordestina de Biologia	river	Rio Paraíba	Taxonomy, systematic, evolution, and genetic
bookSection	2017	Rincon, G., Mazzoleni, R. C., Palmeira, A. R. O., & Lessa, R.	Deep-water sharks, rays, and chimaeras of Brazil.	Chondrichthyes: Multidisciplinary Approach	Marine		Distribution, and biogeography
journalArticle	2018	Felizola-Freire, Katia Meirelles; Rashid-Sumaila, Ussif; Pauly, Daniel; Adelino, Gustavo	The offshore recreational fisheries of northeastern Brazil	Latin american journal of aquatic research	Marine		Fisheries
journalArticle	2018	Araujo, Francisco Gerson; Rodrigues, Fabio Lameiro; Teixeira-Neves, Tatiana P.; Vieira, Joao P.; Azevedo, Marcia C. C.; Penha Guedes, Ana Paula; Garcia, Alexandre M.; Pessanha, Andre Luiz M.	Regional patterns in species richness and taxonomic diversity of the nearshore fish community in the Brazilian coast	Estuarine, Coastal and Shelf Science	Estuary	Mamanguape	Ecology
journalArticle	2018	Medeiros, Macelly Correia; Barboza, Raynner Rilke Duarte; Martel, Guy; Mourao, Jose da Silva	Combining local fishers' and scientific ecological knowledge: Implications for comanagement	Ocean & Coastal Management	Estuary	Rio Paraíba	Fisheries, Etnoecology
journalArticle	2018	Anselmo Ramos, Telton Pedro; de Sena Lima, Jessica Akoforado; Lustosa Costa, Silvia Yasmin; da Silva, Marcio Joaquim; Avellar, Raizze da Costa; Oliveira-Silva, Leonardo	Continental ichthyofauna from the Paraíba do Norte River basin pre-transposition of the Sao Francisco River, Northeastern Brazil	Biota Neotropica	River	Rio Paraíba	Taxonomy, systematic, evolution, and genetic



TABLE S1 | (Continued)

Item Type	Publication Year	Author	Title	Publication Title	Habitat	River basin	Topic
journalArticle	2018	Oliveira-Silva, Leonardo; Anselmo Ramos, Telton Pedro; Ponce Carvalho-Rocha, Yuri Gomes; Porto Viana, Katherine Moraes; Avellar, Raizze da Costa; da Costa Ramos, Robson Tamar	Ichthyofauna of the Mamanguape river basin, Northeastern, Brazil	Biota Neotropica	River	Mamanguape	Taxonomy, systematic, evolution, and genetic
journalArticle	2018	Furtado, Shaka Nóbrega Marinho; Brito, Gitá Juan Soterorudá; dos Santos Sousa, Kassiano; Ramos, Telton Anselmo	Fishes from the Private Natural Heritage Reserve Pacatuba Farm and its surrounding areas, Paraíba State, Northeastern Brazil	Revista Nordestina de Biologia	River	Rio Paraíba	Taxonomy, systematic, evolution, and genetic
journalArticle	2018	Brandão, Milla Silveira Pinto; de Miranda, Gabriel Ponciano; Lacerda, Ana Carolina Figueiredo	Endoparasites of the fish <i>Peltona harroweri</i> (Clupeiformes: Pristigasteridae) from the coast of Paraíba State, northeastern Brazil	Revista Nordestina de Biologia	Marine		Parasitology
journalArticle	2018	da Silva, Elmo Pereira; Duarte, Maria Rita Nascimento; Medeiros, Elvio Sergio Figueiredo	Length-weight relationship of two fish species from a dryland intermittent river in northeastern Brazil	Neotropical Biology and Conservation	River	Rio Paraíba	Life-history
journalArticle	2018	Medeiros, Aline Paiva Moraes; Xavier, Josias Henrique de Amorim; da Silva, Marianna Barbosa; Aires-Souza, Luana; Rosa, Ierecê Maria de Lucena	Distribution patterns of the fish assemblage in the Mamanguape River Estuary, North-eastern Brazil	Marine Biology Research	Estuary	Mamanguape	Ecology
journalArticle	2018	Garcia, Adna Ferreira Silva; Pessanha, André Luiz Machado	Temporal dynamics of tidal mudflat fish assemblages in north-eastern Brazil: short and medium-term variations	Journal of the Marine Biological Association of the United Kingdom	Estuary	Mamanguape	Ecology
journalArticle	2018	da Silva, Rayssa Soares; Baeta, Alexandra Sofia Baptista Vicente; Pessanha, André Luiz Machado	Are vegetated areas more attractive for juvenile fish in estuaries? A comparison in a tropical estuary	Environmental biology of fishes	Estuary	Mamanguape	Ecology
journalArticle	2018	Araújo, Priscila Rocha Vasconcelos; Costa, Silvia Yasmin Lustosa; Duarte, Maria Rita Nascimento; Pessanha, André Luiz Machado	Feeding and spatial distribution of two estuarine puffer fish in a tropical estuary, north-eastern Brazil	Journal of the Marine Biological Association of the United Kingdom	Estuary	Mamanguape	Trophic ecology-distribution, Ecology
journalArticle	2018	José da Silva Mourão; Nivaldo Nordi	Etnoictiologia de pescadores artesanais do estuário do rio Mamanguape, Paraíba, Brasil	Boletim do Instituto de Pesca	Estuary	Mamanguape	Etnoecology
journalArticle	2018	Berbel Filho, Waldir M.; Ramos, Telton P. A.; Jacobina, Uedson P.; Maia, Danielle J. G.; Torres, Rodrigo A.; Lima, Sergio M. Q.	Updated checklist and DNA barcode-based species delimitations reveal taxonomic uncertainties among freshwater fishes from the mid-north-eastern Caatinga ecoregion, north-eastern Brazil	Journal of Fish Biology	River	Curimataú	Taxonomy, systematic, evolution, and genetic
journalArticle	2018	Eduardo, Leandro Nolê; Frédou, Thierry; Lira, Alex Souza; Ferreira, Beatrice Padovani; Bertrand, Arnaud; Ménard, Frédéric; Frédou, Flávia Lucena	Identifying key habitat and spatial patterns of fish biodiversity in the tropical Brazilian continental shelf	Continental Shelf Research	Marine		Ecology; Distribution, and biogeography; Taxonomy, systematic, evolution, and genetic
journalArticle	2019	Falkenberg, Julia M.; Golzio, Jessica Emilia S. A.; Pessanha, Andre; Patricio, Joana; Vendel, Ana L.; Lacerda, Ana C. F.	Gill parasites of fish and their relation to host and environmental factors in two estuaries in north-eastern Brazil	Aquatic Ecology	Estuary	Rio Paraíba, Mamanguape	Parasitology
journalArticle	2019	De Brito, Camila Cristina P.; Araujo, Julio L.; Marquez-Velasquez, Viviana; Da Silva, Marianna B.; Rosa, Ricardo S.	First record of dorsal and anal fin deformities in blue tang <i>Acanthurus coeruleus</i> (Acanthuridae, Actinopterygii) from northeastern Brazil	Anais da Academia Brasileira de Ciências	Marine		Anatomy and morphology
journalArticle	2019	Passarone, Rafaela; Aparecido, Katia Cristina; Eduardo, Leandro Nole; Lira, Alex Souza; Santos Silva, Lucas Vinicius; Justino, Anne K. S.; Craveiro, Cecilia; Silva, Emanuell F.; Lucena-Fredou, Flavia	Ecological and conservation aspects of bycatch fishes: An evaluation of shrimp fisheries impacts in Northeastern Brazil	Brazilian Journal Of Oceanography	Marine		Life-history, Conservation and management
journalArticle	2019	Ramos, Telton Pedro Anselmo; Carvalho-Rocha, Yuri Gomes; Ponce de; Oliveira-Silva, Leonardo; Lustosa-Costa, Silvia Yasmin; Ferreira, Paula Honório Pires	Continental fishes from the Tambaba Environmentally Protected Area, Paraíba State, Brazil	Papéis Avulsos de Zoologia	Estuary	Abiaí	Taxonomy, systematic, evolution, and genetic
journalArticle	2019	Viana, Sarah TFL; Lima, Danilo; Viana, Katherine; Felinto, Antônio; de Souza Rosa, Ricardo	Cartilaginous fishes (Class Chondrichthyes) from the Ichthyological Collection at the Federal University of Paraíba, Brazil	Revista Nordestina de Biologia	Marine		Taxonomy, systematic, evolution, and genetic
journalArticle	2019	Pessoa, Willy Vila Nova; Ramos, Jonas de Assis Almeida; Oliveira, Paulo Guilherme Vasconcelos de	Composition, density and biomass of fish community from the surf zone as a function of the lunar cycle at Miramar Beach in Cabedelo, Paraíba	Neotropical Ichthyology	Marine		Ecology



TABLE S1 | (Continued)

Item Type	Publication Year	Author	Title	Publication Title	Habitat	River basin	Topic
journalArticle	2019	Felinto, Antônio; Dias, Thelma Lúcia Pereira	Fishing record of <i>Anisotremus moricandi</i> (Perciformes: Haemulidae), a tropical shallow reef fish	Revista Nordestina de Biologia	Marine		Distribution, and biogeography
journalArticle	2019	de Oliveira, José Valberto; de Faria Lopes, Sérgio; Barboza, Raynner Rilke Duarte; de Melo Brito Trovão, Dilma Maria; Ramos, Maiara Bezerra; Nóbrega Alves, Rômulo Romeu Macêdo, Anderson Kelvin Saraiva; da Silva, Jicaury Roberto Pereira; Dos Santos, Helio Batista; Thomé, Ralph Gruppi; Vendel, Ana Lúcia; Amado, Enelise Marcelle	Wild vertebrates and their representation by urban/rural students in a region of northeast Brazil	Journal of Ethnobiology and Ethnomedicine	Estuary	Rio Paraíba	Etnoecology
journalArticle	2019	Medeiros, Aline Paiva Morais; Felinto, Antônio; Figueiredo-Filho, Jessé; Silva, Marianna Barbosa; Menezes, Rafael	Estuarine fish assemblages present a species-specific difference in the multitaxenobiotics resistance activity	Journal of Experimental Zoology Part A: Ecological and Integrative Physiology	Estuary	Rio Paraíba	Ecology
journalArticle	2019	Medeiros, Aline Paiva Morais; Felinto, Antônio; Figueiredo-Filho, Jessé; Silva, Marianna Barbosa; Menezes, Rafael	A contribuição de Ricardo Rosa para a ecologia de peixes costeiros na Paraíba	Revista Nordestina de Biologia	Marine		Others
journalArticle	2019	Shibuya, Akemi; de Souza Rosa, Ricardo	Stomach contents of the Caribbean sharpnose shark <i>Rhizoprionodon porosus</i> (Poey, 1864) (Elasmobranchii: Carcharhinidae) from the coast of Paraíba, Brazil	Revista Nordestina de Biologia	Marine		Trophic ecology
journalArticle	2019	Oliveira-Silva, Leonardo; Ramos, Telton; Lustosa-Costa, Silvia	Ichthyofauna of the Mata do Xém-Xém State Park, Paraíba do Norte river basin, Paraíba, Brazil	Revista Nordestina de Biologia	River	Rio Paraíba	Taxonomy, systematic, evolution, and genetic
journalArticle	2019	Yuri G. P. Carvalho-Rocha; Gabriel B. M. Beltrão; Creuza S. Cortez; Jeanneson Sales; Jessé M. Figueiredo-Filho; Natan D. A. Freitas; Telton P. A. Ramos; Leonardo Oliveira-Silva; Robson T. C. Ramos; Ricardo S. Rosa da Silva Lima, Caroline Stefani; de Araujo Souto Badu, Maria Luisa; Machado Pessanha, Andre Luiz	Forty years of the Ichthyological Collection of Universidade Federal da Paraíba	Boletim Sociedade Brasileira de Ictiologia	Estuary		Others
journalArticle	2020	Anselmo Ramos, Telton Pedro; Ponce de Carvalho Rocha, Yuri Gomes; Lustosa Costa, Silvia Yasmin; de Lucena Barbosa, Jose Etham	Response of estuarine fish assemblages to an atypical climatic event in northeastern Brazil	Regional Studies in Marine Science	Estuary	Mamanguape	Ecology
journalArticle	2020	Cardoso, Aiara P. L. R.; Matos, Marcello R. S. B. C.; Rosa, Ricardo S.; Alvarado, Fredy; Medeiros, Aline P. M.; Santos, Bráulio A. Silva, Marcio J.; Ramos, Telton P. A.; Carvalho, Fernando R.; Brito, Marcelo F. G.; Ramos, Robson T. C.; Rosa, Ricardo S.; Sanchez-Botero, Jorge, I; Novaes, Jose L. C.; Costa, Rodrigo S.; Lima, Sergio M. Q.	First record of non-native platyfish, <i>Xiphophorus maculatus</i> (Gunther, 1866) (Cyprinodontiformes, Poeciliidae), in the Jaguaribe River basin, northeastern Brazil	CHECK LIST	River	Rio Paraíba	Taxonomy, systematic, evolution, and genetic
journalArticle	2020	Cardoso, Aiara P. L. R.; Matos, Marcello R. S. B. C.; Rosa, Ricardo S.; Alvarado, Fredy; Medeiros, Aline P. M.; Santos, Bráulio A. Silva, Marcio J.; Ramos, Telton P. A.; Carvalho, Fernando R.; Brito, Marcelo F. G.; Ramos, Robson T. C.; Rosa, Ricardo S.; Sanchez-Botero, Jorge, I; Novaes, Jose L. C.; Costa, Rodrigo S.; Lima, Sergio M. Q.	Increased fish diversity over day and night in structurally complex habitats of artificial reefs	Journal Of Experimental Marine Biology And Ecology	Marine		Ecology
journalArticle	2020	de Amorim, Ana Luisa Araújo; Ramos, Jonas AA; Júnior, Miodeli Nogueira	Freshwater fish richness baseline from the Sao Francisco Interbasin Water Transfer Project in the Brazilian Semi-arid	Neotropical Ichthyology	River	Piranhas	Taxonomy, systematic, evolution, and genetic
journalArticle	2020	Santana, Jana R; Costa, Alejandro ESF DA; Veleza, Doris; Schwamborn, Silvia Helena L; Mafalda Junior, Paulo O; Schwamborn, Ralf	Ingestion of microplastic by ontogenetic phases of <i>Stellifer brasiliensis</i> (Perciformes, Sciaenidae) from the surf zone of tropical beaches	Marine Pollution Bulletin	Estuary	Rio Paraíba	Ecology
journalArticle	2020	da Silva Nascimento, Andreza; Ramos, Jonas de Assis Almeida	Ichthyoplankton community structure on the shelf break off northeastern Brazil	Anais da Academia Brasileira de Ciências	Marine		Ecology
journalArticle	2020	Montenegro, Ana Karla Araujo; Cardoso, Maria Marcolina Lima; da Silva, Maria Cristina Basilio Crispim; Tataje, David Augusto Reynalte	Aspectos da alimentação natural de <i>Larimus breviceps</i> Cuvier, 1830, proveniente do litoral norte da Paraíba, Brasil	Revista Principia-Divulgação Científica e Tecnológica do IFPB	Marine		Trophic ecology
journalArticle	2020	Soares, Andrey; Souza Lira, Alex; Guazzelli Gonzalez, Júlio; Nolê Eduardo, Leandro; Lucena-Frédou, Flávia; Le Loc'h, François; Padovani Ferreira, Beatrice; Frédou, Thierry	Role of the rain and macrophytes on temporal and spatial pattern of ichthyoplankton in the Caatinga Biome, Brazil	Brazilian Journal of Animal and Environmental Research	river	Rio Paraíba	Ecology
journalArticle	2020	Soares, Andrey; Souza Lira, Alex; Guazzelli Gonzalez, Júlio; Nolê Eduardo, Leandro; Lucena-Frédou, Flávia; Le Loc'h, François; Padovani Ferreira, Beatrice; Frédou, Thierry	Feeding habits and population aspects of the spotted goatfish, <i>Pseudupeneus maculatus</i> (Perciformes: Mullidae), on the continental shelf of northeast Brazil	Scientia Marina	Marine		Reproduction; Distribution, and biogeography, Trophic ecology



TABLE S1 | (Continued)

Item Type	Publication Year	Author	Title	Publication Title	Habitat	River basin	Topic
journalArticle	2020	Cardoso De Melo, Catarina; Soares, Andrey Paulo Cavalcanti; Pelage, Latifa; Eduardo, Leandro Nolé; Frédou, Thierry; Lira, Alex Souza; Ferreira, Beatrice Padovani; Bertrand, Arnaud; Lucena-Frédou, Flávia	Haemulidae distribution patterns along the Northeastern Brazilian continental shelf and size at first maturity of the most abundant species	Regional Studies in Marine Science	Marine		Reproduction; Ecology-Life-history; Distribution, and biogeography
journalArticle	2020	Brito, Marcelo F. G.; Daga, Vanessa S.; Vitule, Jean R. S.	Fisheries and biotic homogenization of freshwater fish in the Brazilian semiarid region	Hydrobiologia	River		Ecology
journalArticle	2021	Santos, Lucas Vinicius; Craveiro, Cecília Fernanda Farias; Soares, Andrey; Eduardo, Leandro Nole; Passarone, Rafaela; Silva, Emanuel F. B.; Lucena-Fredou, Flavia	Reproductive biology of the shorthead drum <i>Larimus breviceps</i> (Acanthuriformes: Sciaenidae) in northeastern Brazil	Regional Studies in Marine Science	Marine		Life-history, Reproduction
journalArticle	2021	Konig Clark, Fernando Jose; da Silva Lima, Caroline Stefani; Machado Pessanha, Andre Luiz	Otolith shape analysis of the Brazilian silverside in two northeastern Brazilian estuaries with distinct salinity ranges	Fisheries Research	Estuary	Mamanguape	Ecology
journalArticle	2021	Medeiros, Aline P. M.; Ferreira, Beatrice P.; Alvarado, Fredy; Betancur-R, Ricardo; Soares, Marcelo O.; Santos, Bráulio A. Ramos, Telton Pedro Anselmo; Lustosa-Costa, Silvia Yasmin; Oliveira Lima, Railla Maria; de Lucena Barbosa, Jose Etham; Menezes, Rosenberg Fernandes	Deep reefs are not refugium for shallow-water fish communities in the southwestern Atlantic	Ecology And Evolution	Marine		Ecology
journalArticle	2021	Ramos, Telton P. A.; Lustosa-Costa, Silvia Y.; Barros-Neto, Luciano de F.; Barbosa, Jose E. L.	First record of <i>Moenkhausia costae</i> (Steindachner 1907) in the Paraíba do Norte basin after the Sao Francisco River diversion	Biota Neotropica	River	Rio Paraíba	Distribution, and biogeography
journalArticle	2021	Júnior, Alexandre da Gama Fernandes Vieira; de Lima, Diele Emele Pontes Carvalho; dos Santos Sales, Natalie; de Freitas Terra, Bianca; Pessanha, André	<i>Parotocinclus jacksoni</i> , a new hypoptopomatine catfish (Siluriformes: Loricariidae) from the Rio Mamanguape basin, northeastern Brazil	Journal of Fish Biology	River	Mamanguape	Taxonomy, systematic, evolution, and genetic
journalArticle	2021	Silva, MB; Rosa, RS; Menezes, R; Francini-Filho, Ronaldo Bastos	Trade-offs between ontogenetic changes and food consumption in Brazilian silverside <i>Atherinella brasiliensis</i> from two tropical estuaries	Journal of Fish Biology	Estuary	Mamanguape	Trophic ecology
journalArticle	2021	Gleydson Kleyton Moura Nery; Janiele França Nery; Wilza da Silva Lopes	Changes in reef fish assemblages in a cross-shelf euphotic-mesophotic gradient in tropical SW Atlantic	Estuarine, Coastal and Shelf Science	Marine		Ecology
journalArticle	2021	Falkenberg, Julia Martini; Lacerda, Ana Carolina Figueiredo; Vieira, Gustavo Henrique Calazans	Diagnóstico do conhecimento etnoecológico de pescadores em bacias hidrográficas do semi-árido paraibano	Geoambiente On-Line	river	Piranhas	Etnoecology
journalArticle	2021	Vasconcelos Araujo, Priscila Rocha; Oddone, Maria C.; Evencio-Neto, Joaquim; Lessa, Rosangela	Co-occurrence and niche overlap among gill parasites of the white mullet (<i>Mugil curema</i> Valenciennes, 1836) (Osteichthyes: Mugilidae) from the western Atlantic, Brazil	Parasitology Research	Marine		Parasitology
journalArticle	2022	Santos, Lucas V.; de Vasconcelos-Filho, Jonas Elói; Lira, Alex Souza; Soares, Andrey; Eduardo, Leandro Nole; Passarone, Rafaela; Le-Loch, Francois; Lucena-Fredou, Flavia	Reproductive biology of the whitespotted eagle ray <i>Aetobatus narinari</i> (Myliobatiformes) captured in the coast of Paraíba and Pernambuco, Brazil	Journal of Fish Biology	Marine		Life-history, Reproduction
journalArticle	2022	Medeiros, Aline P. M.; Ferreira, Beatrice P.; Betancur-R, Ricardo; Cardoso, Aiara P. L. R.; Matos, Marcello R. S. B. C.; Santos, Bráulio A.	Trophic Ecology and Ecomorphology of the Shorthead Drum, <i>Larimus breviceps</i> (Acanthuriformes: Sciaenidae), from the Northeastern Brazil	Thalassas	Marine		Trophic ecology
journalArticle	2022	dos Santos, Claudileide Pereira; Braga-Pereira, Franciany; Borges, Anna Karolina Martins; Van Vliet, Nathalie; Alves, Romulo Romeu Nbreaga	Centenary shipwrecks reveal the limits of artificial habitats in protecting regional reef fish diversity	Journal of Applied Ecology	Marine		Ecology
journalArticle	2022	Falkenberg, Julia M.; De Lima, Vitoria M. M.; Vieira, Gustavo H. C.; Lacerda, Ana Carolina F.	Consumption and Preferences for Wild and Domestic Meat in Indigenous Communities in the Brazilian Atlantic Forest	Frontiers In Ecology And Evolution	Estuary	Mamanguape	Etnoecology
journalArticle	2022		Metazoan parasites of white mullet <i>Mugil curema</i> Valenciennes, 1836 (Mugiliformes: Mugilidae) and new records of occurrence in the western Atlantic, Brazil	Anais da Academia Brasileira de Ciências	Marine		Parasitology



TABLE S1 | (Continued)

Item Type	Publication Year	Author	Title	Publication Title	Habitat	River basin	Topic
journalArticle	2022	Medeiros, Macelly Correia; Pinto, Anderson Silva; Santos, Daiane Rodrigues dos; Martel, Guy; Lopes, Sérgio de Faria; Mourão, José da Silva	Folk taxonomy and scientific nomenclature: Working together for conservation of fishery resources in Brazil	Journal for Nature Conservation	Marine		Etnoecology
journalArticle	2022	Mincarone, Michael Maia; Eduardo, Leandro Nolé; Di Dario, Fabio; Frédou, Thierry; Bertrand, Arnaud; Lucena Frédou, Flávia	New records of rare deep-sea fishes (Teleostei) collected from off north-eastern Brazil, including seamounts and islands of the Fernando de Noronha Ridge	Journal of Fish Biology	Marine		Distribution, and biogeography
journalArticle	2022	de Oliveira-Junior, Wilson Marques; Spaet, Julia Liv Yvonne; de Souza Rosa, Ricardo; Santos, Bráulio Almeida	First record of the critically endangered great hammerhead shark (<i>Sphyrna mokarran</i>) in its natural habitat in the coast of Paraíba, Northeastern Brazil	Gaia Scientia	Marine		Distribution, and biogeography
journalArticle	2022	da Silva Lima, Caroline Stefani; Maciel, Emanuelle Bezerra; Clark, Fernando José König; Pessanha, André Luiz Machado	Does environmental heterogeneity explain diversity of estuarine fish assemblages? Example from a tropical estuary under the influence of a semiarid climate, Brazil	Plos one	Estuary	Mamanguape	Ecology
journalArticle	2022	Vendel, Ana Lúcia; Macêdo, Anderson Kelvin Saraiva; Silva, Jicaury Roberta Pereira da; Santos, Jonas de Andrade; Alves, Vivianne Evelyn do Nascimento; Rosa, Ricardo de Souza	Espécies de peixes do estuário do Rio Paraíba, nordeste do Brasil	Biota Neotropica	Estuary	Rio Paraíba	Taxonomy, systematic, evolution, and genetic
journalArticle	2022	de Lima, Lidiane Gomes; Brito, Gitá Juan Sotorurudá; Pessanha, André Luiz Machado	Effects of environmental factors on ichthyoplankton in a permanently open estuary under the influence of a semi-arid climate, north-eastern Brazil	Journal of the Marine Biological Association of the United Kingdom	Estuary	Mamanguape	Ecology
journalArticle	2022	Limeira, Ádamo Gabriel Cavalcanti; Frédou, Thierry; Soares, Andrey Paulo Cavalcanti; Lira, Alex Souza; Le Loc'h, François; Viana, Gírlene Fábila Segundo; Rosa-Filho, José Souto; Munaron, Jean Marie; Lucena-Frédou, Flávia	Trophic ecology and resource partitioning of Haemulidae species along the Northeastern Brazilian continental shelf	Neotropical Ichthyology	Marine		Trophic ecology
journalArticle	2022	Villarins, Bárbara T.; Dario, Fabio Di; Eduardo, Leandro N.; Lucena-Frédou, Flávia; Bertrand, Arnaud; Prokofiev, Artem M.; Mincarone, Michael M.	Deep-sea dragonfishes (Teleostei: Stomiiformes) collected from off northeastern Brazil, with a review of the species reported from the Brazilian Exclusive Economic Zone	Neotropical Ichthyology	Marine		Taxonomy, systematic, evolution, and genetic
journalArticle	2023	Rosa, Ricardo S.; Medeiros, Aline P. M.; Felinto, Antonio; Brito, Camila; Santana, Erika F. C.; Albuquerque, Fernanda V.; Santos, Jonas A.; Lustosa, Julio; Viana, Katherine M. P.; Silva, Marianna B.; Menezes, Rafael; Velásquez, Viviana Marquez; Marcenik, Alexandre P.; Francini-Filho, Ronaldo; Rocha, Claudia R.; Rocha, Luiz A.; Figueiredo-Filho, Jesse M.	Marine teleost fishes of the northeastern Brazilian coast: 166 years of compiled data	Systematics And Biodiversity	Marine		Taxonomy, systematic, evolution, and genetic
journalArticle	2023	Santos, Lucas; Vasconcelos-Filho, Jonas; Eduardo, Leandro N.; Lira, Alex; Craveiro, Cecilia; Silva, Emanuel F.; Lucena-Fredou, Flavia	Stock assessment of <i>Larimus breviceps</i> , a bycatch species exploited by artisanal beach seining in Northeast Brazil	Fisheries Management And Ecology	Marine		Fisheries
journalArticle	2023	de Freitas, Ana Julia Rufino; Passarone, Rafaela; Lira, Alex Souza; Pelage, Latifa; Lucena-Fredou, Flavia	Vulnerability assessment of species caught by the shrimp trawl fishery in northeastern Brazil	Regional Studies in Marine Science	Marine		Conservation and management
journalArticle	2023	Bentinho Silva, Augusto Luis; Galvao, Giancarlo Arraes; Ferreira da Rocha, Aline Alves; Millan Gutierrez, Silvia Maria; dos Santos, Geiza Rodrigues; Fernandes da Costa, Bruno Dourado; Machado Pereira, Luiz Cezar; Nicola, Patricia Avello	Ichthyofauna on the move: fish colonization and spread through the Sao Francisco Interbasin Water Transfer Project	Neotropical Ichthyology	River	Rio Paraíba	Ecology
journalArticle	2023	Massei, Karina; Souza, Maria Cecilia Silva; da Silva, Richard Marques; de Araújo Costa, Dimitri; Vianna, Pedro Costa Guedes; Crispim, Maria Cristina; de Miranda, George Emmanuel Cavalcanti; Eggertsen, Linda; Eloy, Christine Costa; Santos, Celso Augusto Guimarães	Analysis of marine diversity and anthropogenic pressures on Seixas coral reef ecosystem (northeastern Brazil)	Science of The Total Environment	Marine		Ecology

TABLE S1 | (Continued)

Item Type	Publication Year	Author	Title	Publication Title	Habitat	River basin	Topic
journalArticle	2023	Guedes, Éden; Pereira, Juan; Brito, Gitá; Pessanha, Andre; Júnior, Alexandre	Predation risk, foraging and reproduction of an insectivore fish species associated with two estuarine habitats	Research square pre print	Estuary	Mamanguape	Trophic ecology, Reproduction
journalArticle	2023	Soares, Marcelo O.; Pereira, Pedro H. C.; Feitosa, Caroline V.; Maggioni, Rodrigo; Rocha, Rafael S.; Bezerra, Luis Ernesto Arruda; Duarte, Oscar S.; Paiva, Sandra V.; Noleto-Filho, Eurico; Silva, Maiara Queiroz M.; Csapo-Thomaz, Mayra; Garcia, Tatiane M.; Arruda Júnior, José Pedro Vieira; Cottens, Kelly Ferreira; Vinicius, Bruno; Araújo, Ricardo; Eirado, Clara Buck do; Santos, Lucas Penna Soares; Guimarães, Tainah Corrêa Seabra; Targino, Carlos Henrique; Amorim-Reis Filho, José; Santos, Wagner Cesar Rosa dos; Klautau, Alex Garcia Cavalleiro de Macedo; Gurjão, Lívio Moreira de; Machado, Daniel Accioly Nogueira; Maia, Rafaela Camargo; Santos, Emanuel Soares; Sabry, Rachel; Asp, Nils; Carneiro, Pedro B. M.; Rabelo, Emanuelle F.; Tavares, Tallita C. L.; Lima, Gislaïne Vanessa de; Sampaio, Claudio L. S.; Rocha, Luiz A.; Ferreira, Carlos E. L.; Giarrizzo, Tommaso	Lessons from the invasion front: Integration of research and management of the lionfish invasion in Brazil	Journal of Environmental Management	Marine		Distribution, and biogeography
journalArticle	2023	Josafá Reis-Júnior; Arnaud Bertrand; Thierry Frédo; Jonas Vasconcelos-Filho; Kátia C. Aparécido; Paulo J. Duarte-Neto	Community-scale relationships between body shape and trophic ecology in tropical demersal marine fish of northeast Brazil	Journal of fish biology	Marine		Ecology
bookSection	2023	Manoela M. F. Marinho; Sergio M. Q. Lima; Roney E. C. de Paiva; Telton P. A. Ramos	Fishes from the Northern Atlantic Forest and Their Conservation	Animal Biodiversity and Conservation in Brazil's Northern Atlantic Forest	River	Gramame	Taxonomy, systematic, evolution, and genetic; Conservation and management
book	2023	Alexandre Pires Marceniuk; Ana Lúcia Vende; Alfredo Carvalho Filho; Ricardo de Souza Rosa	Peixes Marinhos Da Paraíba	Peixes Marinhos Da Paraíba	Marine		Taxonomy, systematic, evolution, and genetic; Ecology
journalArticle	2023	Santander-Neto, J., Rincon, G., Jucá-Queiroz, B., Paes da Cruz, V., & Lessa, R.	Distribution and New Records of the Bluntnose Sixgill Shark, <i>Hexanchus griseus</i> (Hexanchiformes: Hexanchidae), from the Tropical Southwestern Atlantic	Animals	Marine		Distribution, and biogeography; Taxonomy, systematic, evolution, and genetic
bookSection	2023	Mariana Vieira Turnell Suruagy, Maria Cristina Crispim	Diversidade E distribuição da população ictiofaunística da bacia do rio Gramame, Paraíba: um relato das espécies de maior relevância ambiental, econômica E social	Gestão das zonas costeiras: a influência continental na qualidade ambiental. Tomo XII da Rede BRASPOR	river	Gramame	Distribution, and biogeography
journalArticle	2024	Lustosa-Costa, S. Y., Ramos, T. P. A., Zawadzki, C. H., Jacobina, U. P., & Lima, S. M. Q	Integrative taxonomy clarifies the armoured catfish <i>Hypostomus pusalum</i> (Starks) species complex (Siluriformes: Loricariidae) and reveals a new species in the drainages of Northeastern Brazil	Zoological Journal of the Linnean Society	River	Rio Paraíba	Taxonomy, systematic, evolution, and genetic; Anatomy and morphology
book	2024	da Silva Nascimento Cristiano Marcelo., Almeida Ramos Jonas de Assis	Peixes da zona de arrebentação do litoral de Cabedelo e Lucena: Um guia ilustrado	Peixes da zona de arrebentação do litoral de Cabedelo e Lucena: Um guia ilustrado	Marine		Taxonomy, systematic, evolution, and genetic
journalArticle	2024	Medeiros, Jade; Vaz, Diego F. B.; Araújo, Marcus V. G.; de Lima, Arthur; da Silva, João Paulo C. B.	Morphology and phylogenetic implications of the inclinator dorsales for the galeomorph sharks (Chondrichthyes: Elasmobranchii)	Journal of Anatomy	Marine		Anatomy and morphology

TABLE S2 | Fish species found in Paraíba State, Northeastern Brazil, with non-native species indicated by asterisk. The symbol (?) denotes species whose occurrence is reported in biological collections but are possibly misidentifications. Endemic species to the Northeastern Caatinga and Coastal Drainages ecoregion (NCCD) are highlighted in bold. The symbol (a) indicates Endemic to the Mamanguape River, Paraíba, (b) Endemic to the Paraíba River, Paraíba, and (c) Endemic to the Northeastern Brazil Marine ecoregion (NBM).

Class/Order	Family	Species	Habitat	Voucher	Literature source
Elasmobranchii					
Hexanchiformes	Hexanchidae	<i>Hexanchus griseus</i> (Bonnaterre, 1788)	Marine		158
Orectolobiformes	Rhincodontidae	<i>Rhincodon typus</i> Smith, 1828	Marine		66, 94, 137
Orectolobiformes	Ginglymostomatidae	<i>Ginglymostoma cirratum</i> (Bonnaterre, 1788)	Marine	CIUFPPB 6084, CIUFPPB 11686	25, 63, 82, 92, 94, 143, 195
Lamniformes	Lamnidae	<i>Isurus oxyrinchus</i> Rafinesque, 1810	Marine		94, 194
Carcharhiniformes	Scyliorhinidae	<i>Scyliorhinus haeckelii</i> (Miranda Ribeiro, 1907)	Marine	CIUFPPB 3308	195
Carcharhiniformes	Triakidae	<i>Mustelus higmani</i> Springer & Lowe, 1963	Marine	CIUFPPB 5298	195
Carcharhiniformes	Triakidae	<i>Pseudotriakis microdon</i> Capello, 1868	Marine		141
Carcharhiniformes	Carcharhinidae	<i>Carcharhinus acronotus</i> (Poey, 1860)	Marine	CIUFPPB 2732, CIUFPPB 3307	94, 195
Carcharhiniformes	Carcharhinidae	<i>Carcharhinus plumbeus</i> (Nardo, 1827)	Marine	CIUFPPB 2884, CIUFPPB 11886	94, 167, 195
Carcharhiniformes	Carcharhinidae	<i>Carcharhinus falciformis</i> (Bibron, 1839)	Marine		94, 194
Carcharhiniformes	Carcharhinidae	<i>Carcharhinus leucas</i> (Valenciennes, 1839)	Marine-Estuary		94, 194
Carcharhiniformes	Carcharhinidae	<i>Carcharhinus limbatus</i> (Valenciennes, 1839)	Marine-Estuary		94, 195
Carcharhiniformes	Carcharhinidae	<i>Carcharhinus obscurus</i> (Lesueur, 1818)	Marine-Estuary		94, 98
Carcharhiniformes	Carcharhinidae	<i>Carcharhinus perezi</i> (Poey, 1876)	Marine		94, 195
Carcharhiniformes	Carcharhinidae	<i>Carcharhinus porosus</i> (Ranzani, 1839)	Marine-Estuary	CIUFPPB 1100, CIUFPPB 1117	195
Carcharhiniformes	Carcharhinidae	<i>Prionace glauca</i> (Linnaeus, 1758)	Marine		94, 194
Carcharhiniformes	Carcharhinidae	<i>Rhizoprionodon landalii</i> (Valenciennes, 1839)	Marine	CIUFPPB 3305	145, 195
Carcharhiniformes	Carcharhinidae	<i>Rhizoprionodon porosus</i> (Poey, 1861)	Marine-Estuary	CIUFPPB 3306, 3309;	94, 143, 166, 195
Carcharhiniformes	Galeocerdonidae	<i>Galeocerdo cuvier</i> (Péron & Lesueur, 1822)	Marine	CIUFPPB 15102	195
Carcharhiniformes	Sphyrnidae	<i>Sphyrna lewini</i> (Griffith & Smith, 1834)	Marine-Estuary	CIUFPPB 1133	195
Carcharhiniformes	Sphyrnidae	<i>Sphyrna mokarran</i> (Rüppell, 1837)	Marine-Estuary		98, 119
Carcharhiniformes	Sphyrnidae	<i>Sphyrna</i> aff. <i>tiburo</i> (Linnaeus, 1758)	Marine-Estuary	CIUFPPB 1443, CIUFPPB 1521	66, 92, 143, 195
Carcharhiniformes	Sphyrnidae	<i>Sphyrna zygaena</i> (Linnaeus, 1758)	Marine-Estuary	CIUFPPB 2926	66, 195
Torpediniformes	Narcinidae	<i>Narcine brasiliensis</i> (Olfers, 1831)	Marine	CIUFPPB 3051, CIUFPPB 3052	143, 195
Rhinopristiformes	Rhinobatidae	<i>Pseudobatos horkelii</i> (Müller & Henle, 1841)	Marine	CIUFPPB 2788	146
Rhinopristiformes	Rhinobatidae	<i>Pseudobatos percellens</i> (Walbaum, 1792)	Marine	CIUFPPB 2789	37, 165, 195
Myliobatiformes	Dasyatidae	<i>Hypanus americanus</i> (Hildebrand & Schroeder, 1928)	Marine	CIUFPPB 5652, CIUFPPB 3513	143, 195
Myliobatiformes	Dasyatidae	<i>Hypanus berthaltutzae</i> Petean, Naylor & Lima, 2020	Marine		94, 175, 194
Myliobatiformes	Dasyatidae	<i>Hypanus guttatus</i> (Bloch & Schneider, 1801)	Marine	CIUFPPB 3734, CIUFPPB 5552	94, 145, 195, 198
Myliobatiformes	Dasyatidae	<i>Hypanus marianae</i> (Gomes, Rosa & Gadig, 2000)	Marine	CIUFPPB 5649, CIUFPPB 2661	37, 164, 175, 195
Myliobatiformes	Urotrygonidae	<i>Urotrygon microphthalmum</i> Delsman, 1941	Marine	CIUFPPB 2736, CIUFPPB 3044	66, 195
Myliobatiformes	Gymnuridae	<i>Gymnura micrura</i> (Bloch & Schneider, 1801)	Marine-Estuary	CIUFPPB 3045, CIUFPPB 3249	94, 125, 145, 195
Myliobatiformes	Aetobatidae	<i>Aetobatus narinari</i> (Euphrasen, 1790)	Marine	CIUFPPB 4239, CIUFPPB 5986	94, 143, 144, 145, 190, 195
Myliobatiformes	Rhinopteridae	<i>Rhinoptera bonasus</i> (Mitchill, 1815)	Marine-Estuary	CIUFPPB 5368	94, 145, 195
Myliobatiformes	Mobulidae	<i>Mobula birostris</i> (Walbaum, 1792)	Marine		94, 143, 194



TABLE S2 | (Continued)

Class/Order	Family	Species	Habitat	Voucher	Literature source
Actinopterygii					
Elopiformes	Elopidae	<i>Elops smithi</i> McBride, Rocha, Ruiz-Carus & Bowen, 2010	Marine-Estuary	CIUFPPB 10374, CIUFPPB 10879	75, 156
Elopiformes	Megalopidae	<i>Megalops atlanticus</i> Valenciennes, 1847	Marine-Estuary	CIUFPPB 3773	75, 156
Albuliformes	Albulidae	<i>Albula nemoptera</i> (Fowler, 1911)	Marine		75
Albuliformes	Albulidae	<i>Albula vulpes</i> (Linnaeus, 1758)	Marine	CIUFPPB 4764, CIUFPPB 4766, CIUFPPB 1554, CIUFPPB 1667	75, 156
Anguilliformes	Chlopsidae	<i>Chilorhinus suensonii</i> Lütken, 1852	Marine		75, 156
Anguilliformes	Moringuidae	<i>Moringua edwardsi</i> (Jordan & Bollman, 1889)	Marine-Estuary		75, 156
Anguilliformes	Muraenesocidae	<i>Cynoponticus savanna</i> (Bancroft, 1831)	Marine		75, 156
Anguilliformes	Muraenidae	<i>Echidna catenata</i> (Bloch, 1795)	Marine		75, 156
Anguilliformes	Muraenidae	<i>Enchelycore nigricans</i> (Bonnaterre, 1788)	Marine		63, 75, 156
Anguilliformes	Muraenidae	<i>Gymnothorax funebris</i> Ranzani, 1839	Marine-Estuary	CIUFPPB 2409, CIUFPPB 2420	25, 63, 75, 94, 156
Anguilliformes	Muraenidae	<i>Gymnothorax miliaris</i> (Kaup, 1856)	Marine		63, 75, 156
Anguilliformes	Muraenidae	<i>Gymnothorax moringa</i> (Cuvier, 1829)	Marine	CIUFPPB 3344, CIUFPPB 4665	63, 75, 94, 156
Anguilliformes	Muraenidae	<i>Gymnothorax nigromarginatus</i> (Girard, 1858)	Marine		75, 156
Anguilliformes	Muraenidae	<i>Gymnothorax ocellatus</i> Agassiz, 1828	Marine	CIUFPPB 137, CIUFPPB 535, CIUFPPB 543, MZUSP 048079	75, 94, 145, 156
Anguilliformes	Muraenidae	<i>Gymnothorax vicinus</i> (Castelnau, 1855)	Marine		25, 38, 63, 75, 94, 156
Anguilliformes	Muraenidae	<i>Muraena pavonina</i> Richardson, 1845	Marine		25, 63, 75, 82
Anguilliformes	Muraenidae	<i>Uropterygius macularius</i> (Lesueur, 1825)	Marine	CIUFPPB 1551, CIUFPPB 1555	75, 156
Anguilliformes	Ophichthidae	<i>Ahlia egmontis</i> (Jordan, 1884)	Marine	CIUFPPB 3336, CIUFPPB 4656	63, 75, 156
Anguilliformes	Ophichthidae	<i>Bascanichthys paulensis</i> Storey, 1939	Marine	CIUFPPB 4905, CIUFPPB 4969	75, 156
Anguilliformes	Ophichthidae	<i>Callechelys bilinearis</i> Kanazawa, 1952	Marine		75, 156
Anguilliformes	Ophichthidae	<i>Myrichthys breviceps</i> (Richardson, 1848)	Marine	CIUFPPB 10840	75, 156
Anguilliformes	Ophichthidae	<i>Myrichthys ocellatus</i> (Lesueur, 1825)	Marine	CIUFPPB 11491, CIUFPPB 17	75, 156
Anguilliformes	Ophichthidae	<i>Myrophis platyrhynchus</i> Breder, 1927	Marine-Estuary	CIUFPPB 973, CIUFPPB 2318	75, 156
Anguilliformes	Ophichthidae	<i>Myrophis punctatus</i> Lütken, 1852	Marine-Estuary	CIUFPPB 2322, CIUFPPB 2351	75, 156
Anguilliformes	Ophichthidae	<i>Ophichthus cylindroideus</i> (Ranzani, 1839)	Marine-Estuary	CIUFPPB 3258, CIUFPPB 5520	75, 156
Anguilliformes	Ophichthidae	<i>Ophichthus ophis</i> (Linnaeus, 1758)	Marine	CIUFPPB 5990, CIUFPPB 3818	75, 156
Anguilliformes	Congridae	<i>Heteroconger camelopardalis</i> (Lubbock, 1980)	Marine		75, 156
Anguilliformes	Congridae	<i>Heteroconger longissimus</i> Günther, 1870	Marine		75, 156
Anguilliformes	Congridae	<i>Paraconger caudilimbatus</i> (Poey, 1867)	Marine	CIUFPPB 1860	75, 156
Clupeiformes	Engraulidae	<i>Anchoiella vaillanti</i> (Steindachner, 1908)*	Freshwater		168
Clupeiformes	Engraulidae	<i>Anchoa filifera</i> (Fowler, 1915)	Marine-Estuary	CIUFPPB 2655	75, 156
Clupeiformes	Engraulidae	<i>Anchoa hepsetus</i> (Linnaeus, 1758)	Marine-Estuary		75, 156
Clupeiformes	Engraulidae	<i>Anchoa januaria</i> (Steindachner, 1879)	Marine-Estuary	CIUFPPB 3128, CIUFPPB 3901	75, 156
Clupeiformes	Engraulidae	<i>Anchoa lyolepis</i> (Evermann & Marsh, 1900)	Marine	CIUFPPB 9602, CIUFPPB 10120	75, 156
Clupeiformes	Engraulidae	<i>Anchoa spinifer</i> (Valenciennes, 1848)	Marine-Estuary	CIUFPPB 10877, CIUFPPB 118, MNRJ 46245	75, 156
Clupeiformes	Engraulidae	<i>Anchoa tricolor</i> (Spix & Agassiz, 1829)	Marine-Estuary	CIUFPPB 457, CIUFPPB 579	75, 156
Clupeiformes	Engraulidae	<i>Anchovia clupeoides</i> (Swainson, 1839)	Marine-Estuary	CIUFPPB 835, CIUFPPB 1013	75, 156
Clupeiformes	Engraulidae	<i>Anchoiella brevirostris</i> (Günther, 1868)	Marine-Estuary		75, 156
Clupeiformes	Engraulidae	<i>Anchoiella lepidentostole</i> (Fowler, 1911)	Marine-Estuary-Freshwater	CIUFPPB 10123	75, 156

TABLE S2 | (Continued)

Class/Order	Family	Species	Habitat	Voucher	Literature source
Clupeiformes	Engraulidae	<i>Cetengraulis edentulus</i> (Cuvier, 1829)	Marine-Estuary	CIUFPP 10361	75, 156
Clupeiformes	Engraulidae	<i>Engraulis anchoita</i> Hubbs & Marini, 1935	Marine	CIUFPP 12231, CIUFPP 3261	75, 156
Clupeiformes	Engraulidae	<i>Lycengraulis grossidens</i> (Spix & Agassiz, 1829)	Marine-Estuary	CIUFPP 3269	75, 156
Clupeiformes	Pristigasteridae	<i>Chirocentron bleekermani</i> (Poey, 1867)	Marine-Estuary	CIUFPP 3652, CIUFPP 5410	75, 156
Clupeiformes	Pristigasteridae	<i>Odontognathus mucronatus</i> Lacepède, 1800	Marine-Estuary-Freshwater	CIUFPP 12212, CIUFPP 3097	75, 156
Clupeiformes	Pristigasteridae	<i>Pellona harroweri</i> (Fowler, 1917)	Marine-Estuary	CIUFPP 3107, CIUFPP 3146	75, 156
Clupeiformes	Dorosomatidae	<i>Harengula clupeola</i> (Cuvier, 1829)	Marine-Estuary	CIUFPP 3173, CIUFPP 3224	75, 156
Clupeiformes	Dorosomatidae	<i>Lile piquitinga</i> (Schreiner & Miranda Ribeiro, 1903)	Marine-Estuary	CIUFPP 10201	75, 156
Clupeiformes	Dorosomatidae	<i>Opisthonema oglinum</i> (Lesueur, 1818)	Marine-Estuary	CIUFPP 10213, CIUFPP 10395, UFRN 4906, UFRN 4907, CIUFPP 5419, CIUFPP 5441	75, 156
Clupeiformes	Dorosomatidae	<i>Rhinosardinia amazonica</i> (Steindachner, 1879)	Marine-Estuary-Freshwater	CIUFPP 6174, CIUFPP 10216	156
Clupeiformes	Dorosomatidae	<i>Rhinosardinia bahiensis</i> (Steindachner, 1879)	Marine-Estuary	CIUFPP 3896	75, 156
Clupeiformes	Dorosomatidae	<i>Sardinella aurita</i> Valenciennes, 1847	Marine-Estuary	CIUFPP 3896	75, 156
Cypriniformes	Cyprinidae	<i>Cyprinus carpio</i> Wu, Yang, Yue & Huang, 1963*	Freshwater-Estuary	UFRN 5829	21, 74
Gymnotiformes	Gymnotidae	<i>Gymnotus carapo</i> Linnaeus, 1758	Freshwater	CIUFPP 5686, CIUFPP 9306, UFRN 4312	101, 188
Characiformes	Crenuchidae	<i>Characidium bimaculatum</i> Fowler, 1941	Freshwater	CIUFPP 5686, CIUFPP 9306, PUCRS 37598, PUCRS 31400, UFRN 0472, UFRN 1660	33, 87, 91, 102, 168
Characiformes	Erythrinidae	<i>Erythrinus erythrinus</i> (Bloch & Schneider, 1801)	Freshwater	CIUFPP 10431, CIUFPP 10638, PUCRS 37586, UFRN 4258	168, 188
Characiformes	Erythrinidae	<i>Hoplerethrinus unitaeniatus</i> (Spix & Agassiz, 1829)	Freshwater	CIUFPP 347, CIUFPP 350	101, 188
Characiformes	Erythrinidae	<i>Hoplias malabaricus</i> (Bloch, 1794)	Freshwater	CIUFPP 11633, CIUFPP 11634, PUCRS 31377, 31473; UFRN 0743, UFRN 0744	4, 16, 21, 29, 72, 73, 77, 78, 79, 87, 88, 89, 90, 91, 101, 102, 106, 112, 113, 123, 144, 168, 172, 185, 188
Characiformes	Parodontidae	<i>Apareiodon davisii</i> Fowler, 1941	Freshwater	CIUFPP 741, CIUFPP 3664, UFRN 0430, 0452;	33, 87, 102, 168
Characiformes	Serrasalmididae	<i>Colossoma macropomum</i> (Cuvier, 1816)*	Freshwater	CIUFPP 9758, 9906; UFRN 1710	91
Characiformes	Serrasalmididae	<i>Metynnis lippincottianus</i> (Cope, 1870)	Freshwater	CIUFPP 11703, CIUFPP 14548	13, 188
Characiformes	Serrasalmididae	<i>Pygocentrus nattereri</i> Kner, 1858	Freshwater	UFRN 1647, 1720	
Characiformes	Serrasalmididae	<i>Serrasalmus</i> cf. <i>brandtii</i> Lütken, 1875	Freshwater	CIUFPP 4418	
Characiformes	Serrasalmididae	<i>Serrasalmus rhombeus</i> (Linnaeus, 1766)	Freshwater	UFRN 0239, 0319	
Characiformes	Anostomidae	<i>Leporinus piau</i> Fowler, 1941	Freshwater	MZUSP 108713, PUCRS 48633, UFRN 0476, 1605;	21, 33, 73, 88, 89, 90, 91, 102, 104, 112, 168, 188
Characiformes	Anostomidae	<i>Arhinolemur elongatus</i> (Valenciennes, 1850)	Freshwater	CIUFPP 4167	
Characiformes	Curimatidae	<i>Curimatella lepidura</i> (Eigenmann & Eigenmann, 1889)	Freshwater	UFRN 1679	

TABLE S2 | (Continued)

Class/Order	Family	Species	Habitat	Voucher	Literature source
Characiformes	Curimatidae	<i>Psectrogaster rhomboides</i> Eigenmann & Eigenmann, 1889	Freshwater	UFPB 3670, UFPB 4088, PUCRS 48636, UFRN 1707, 1757;	33, 102
Characiformes	Curimatidae	<i>Steindachnerina notonota</i> (Miranda Ribeiro, 1937)	Freshwater	UFPB 6022, UFPB 6049, MNRJ 46258, PUCRS 31480, 31295; UFRN 0438, 1681;	33, 102, 103, 105
Characiformes	Prochilodontidae	<i>Prochilodus brevis</i> Steindachner, 1875	Freshwater	UFPB 6177, MNRJ 9145, 49424; PUCRS 31404, 31370; UFRN 1368, 1603;	21, 33, 73, 87, 88, 89, 90, 91, 102, 112, 172, 168, 182, 188
Characiformes	Triporthidae	<i>Triporthus signatus</i> (Garman, 1890)	Freshwater	UFPB 4086, PUCRS 48635, UFRN 1371, 1607;	21, 33, 88, 89, 90, 91, 112, 168,
Characiformes	Characidae	<i>Cheirodon jaguaribensis</i> Fowler, 1941	Freshwater	UFPB 9316, UFRN 1563, 4159	
Characiformes	Characidae	<i>Compsura heterura</i> Eigenmann, 1915	Freshwater	UFPB 4059, PUCRS 31410, 31380; UFRN 433, 470;	33, 91, 101, 168
Characiformes	Characidae	<i>Phenacogaster calverti</i> (Fowler, 1941)	Freshwater	PUCRS 30683, UFRN 1666, 1780; MZUSP 016523	
Characiformes	Characidae	<i>Serrapinnus heterodon</i> (Eigenmann, 1915)	Freshwater	UFPB 740, PUCRS 31388, 38534; UFRN 280, 1496;	33, 87, 91, 168
Characiformes	Characidae	<i>Serrapinnus piaba</i> (Lütken, 1875)	Freshwater	UFPB 9728, PUCRS 38573, 38540; UFRN 475, 676;	87, 91, 168, 188
Characiformes	Acestrorhamphidae	<i>Astyanax bimaculatus</i> (Linnaeus, 1758)	Freshwater	UFPB 9869, 9802; MZUSP 016522, PUCRS 31378, 31477; UFRN 1553, 1561;	72, 73, 77, 87, 88, 89, 90, 91, 101, 102, 168, 169, 171, 172, 188
Characiformes	Acestrorhamphidae	<i>Ctenobrycon kennedyi</i> (Eigenmann, 1903)	Freshwater	CIUFPB 4387, PUCRS 48637, MZUSP 114012	
Characiformes	Acestrorhamphidae	<i>Ctenobrycon spilurus</i> (Valenciennes, 1850)	Freshwater	UFRN 1692, 1750	
Characiformes	Acestrorhamphidae	<i>Hemigrammus marginatus</i> Ellis, 1911	Freshwater	UFPB 3947, MZUSP 053449, PUCRS 38597, 38413; UFRN 687, 1562;	33, 87, 91, 101, 168, 188
Characiformes	Acestrorhamphidae	<i>Hemigrammus rodwayi</i> Durbin, 1909	Freshwater	UFPB 2913, UFPB 4142, PUCRS 38532, UFRN 3832	33, 168
Characiformes	Acestrorhamphidae	<i>Hemigrammus unilineatus</i> (Gill, 1858)	Freshwater	UFPB 383, UFPB 1377, PUCRS 37587, UFRN 1465, 1467;	101, 188
Characiformes	Acestrorhamphidae	<i>Hyphessobrycon piabinhas</i> Fowler, 1941	Freshwater	UFPB 12021, UFPB 12039	
Characiformes	Acestrorhamphidae	<i>Moenkhausia costae</i> (Steindachner, 1907)*	Freshwater	UFPB 12069, UFRN 1722	91, 138, 168



TABLE S2 | (Continued)

Class/Order	Family	Species	Habitat	Voucher	Literature source
Characiformes	Acestrorhamphidae	<i>Psalidodon fasciatus</i> (Cuvier, 1819)	Freshwater	UFPB 12439, UFRN 1642, 1610; MZUSP 019361	72, 102, 168, 169, 188
Siluriformes	Callichthyidae	<i>Brochis cf. garbei</i> (Ihering, 1911)	Freshwater	<i>Uncatalogued</i>	
Siluriformes	Callichthyidae	<i>Callichthys callichthys</i> (Linnaeus, 1758)	Freshwater	CIUFPB 13049, PUCRS 37596	
Siluriformes	Callichthyidae	<i>Hoplosternum littorale</i> (Hancock, 1828)	Freshwater	<i>Uncatalogued</i>	
Siluriformes	Callichthyidae	<i>Megalechis thoracata</i> (Valenciennes, 1840)	Freshwater	CIUFPB 3630, CIUFPB 3956	101, 188
Siluriformes	Loricariidae	<i>Hypostomus pusalum</i> Starks, 1913	Freshwater	UFPB 14635, PUCRS 31478, 38533; UFRN 585, 476;	33, 69, 87, 91, 168
Siluriformes	Loricariidae	<i>Parotocinclus cearensis</i> Garavello, 1977	Freshwater	UFRN 1586, 1583; PUCRS 48629, 48629	
Siluriformes	Loricariidae	<i>Parotocinclus jacksoni</i> Ramos, Lustosa-Costa, Barros-Neto & Barbosa, 2021 ^a	Freshwater	CIUFPB 10064, CIUFPB 10146, MNRJ 52723	133
Siluriformes	Loricariidae	<i>Parotocinclus jumbo</i> Britski & Garavello, 2002	Freshwater	UFPB 10628, MNRJ 21924, MZUSP 069515, 069513; PUCRS 31461, 54277; UFRN 451, 461;	22, 33, 168
Siluriformes	Loricariidae	<i>Parotocinclus seridoensis</i> Ramos, Barros-Neto, Britski & Lima, 2013	Freshwater	UFPB 2902, PUCRS 31463, 48625; UFRN 1588, 1590;	135
Siluriformes	Loricariidae	<i>Parotocinclus spilosoma</i> (Fowler, 1941) ^b	Freshwater	UFPB 70, UFPB 6695, PUCRS 54275, UFRN 463, 699;	33
Siluriformes	Loricariidae	<i>Pseudancistrus papariae</i> Fowler, 1941	Freshwater	UFRN 1567, 1641	
Siluriformes	Loricariidae	<i>Pseudancistrus genisetiger</i> Fowler, 1941	Freshwater	CIUFPB 4429, CIUFPB 9167, PUCRS 48631	
Siluriformes	Auchenipteridae	<i>Trachelyopterus galeatus</i> (Linnaeus, 1766)	Freshwater	ANSP- Ichthyology 84166, UFRN 238, 1573	168
Siluriformes	Heptapteridae	<i>Pimelodella enochi</i> Fowler, 1941	Freshwater	ANSP- Ichthyology 69379, 69378, UFRN 444, 1614; ,	33
Siluriformes	Heptapteridae	<i>Rhamdia quelen</i> (Quoy & Gaimard, 1824)	Freshwater	UFPB 4526, UFRN 5638,	33, 168, 188
Siluriformes	Ariidae	<i>Bagre bagre</i> (Linnaeus, 1766)	Marine-Estuary	UFPB 649, UFPB 3286	75, 156
Siluriformes	Ariidae	<i>Bagre filamentosus</i> (Swainson, 1839)	Marine	CIUFPB 818	75, 156
Siluriformes	Ariidae	<i>Cathorops agassizii</i> (Eigenmann & Eigenmann, 1888)	Marine-Estuary	CIUFPB 10357	75, 156
Siluriformes	Ariidae	<i>Cathorops arenatus</i> (Valenciennes, 1840)	Marine-Estuary		75
Siluriformes	Ariidae	<i>Cathorops spixii</i> (Agassiz, 1829)	Marine-Estuary	CIUFPB 5372, CIUFPB 5433	156
Siluriformes	Ariidae	<i>Notarius luniscutis</i> (Valenciennes, 1840)	Marine-Estuary	CIUFPB 3938	75, 94, 156
Siluriformes	Ariidae	<i>Notarius parmocassis</i> (Valenciennes, 1840)	Marine-Estuary		75, 156
Siluriformes	Ariidae	<i>Sciades herzbegii</i> Bloch, 1794	Marine-Estuary	CIUFPB 10218	75, 156
Siluriformes	Ariidae	<i>Sciades proops</i> (Valenciennes, 1840)	Marine-Estuary	CIUFPB 261, CIUFPB 1301	75, 156
Stomiiformes	Gonostomatidae	<i>Diplophos taenia</i> Günther, 1873	Marine		197
Stomiiformes	Gonostomatidae	<i>Gonostoma atlanticum</i> Norman, 1930	Marine		197
Stomiiformes	Gonostomatidae	<i>Sigmops elongatus</i> (Günther, 1878)	Marine		197

TABLE S2 | (Continued)

Class/Order	Family	Species	Habitat	Voucher	Literature source
Stomiiformes	Gonostomatidae	<i>Zaphotias pedaliotus</i> (Goode & Bean, 1896)	Marine		197
Stomiiformes	Sternoptychidae	<i>Argyropelecus aculeatus</i> Valenciennes, 1850	Marine		197
Stomiiformes	Sternoptychidae	<i>Argyropelecus affinis</i> Garman, 1899	Marine		197
Stomiiformes	Sternoptychidae	<i>Sternoptyx diaphana</i> Hermann, 1781	Marine		197
Stomiiformes	Sternoptychidae	<i>Sternoptyx pseudobscura</i> Baird, 1971	Marine		197
Stomiiformes	Phosichthyidae	<i>Ichthyococcus polli</i> Blache, 1964	Marine		197
Stomiiformes	Phosichthyidae	<i>Vinciguerria nimbaria</i> (Jordan & Williams, 1895)	Marine		197
Stomiiformes	Stomiidae	<i>Aristostomias tittmanni</i> Welsh, 1923	Marine		197
Stomiiformes	Stomiidae	<i>Astronesthes similis</i> Parr, 1927	Marine		197
Stomiiformes	Stomiidae	<i>Chauliodus sloani</i> Bloch & Schneider, 1801	Marine		197
Stomiiformes	Stomiidae	<i>Melanostomias bartonbeani</i> Parr, 1927	Marine		197
Stomiiformes	Stomiidae	<i>Melanostomias tentaculatus</i> (Regan & Trewavas, 1930)	Marine		197
Aulopiformes	Giganturidae	<i>Gigantura indica</i> Brauer, 1901	Marine		99
Stomiiformes	Stomiidae	<i>Photoneustes achirus</i> Regan & Trewavas, 1930	Marine		197
Stomiiformes	Stomiidae	<i>Stomias danae</i> Ege, 1933	Marine		197
Aulopiformes	Scopelarchidae	<i>Rosenblattichthys hubbsi</i> Johnson, 1974	Marine		99
Aulopiformes	Scopelarchidae	<i>Scopelarchus guentheri</i> Alcock, 1896	Marine		99
Aulopiformes	Synodontidae	<i>Synodus bondi</i> Fowler, 1939	Marine		75, 156
Aulopiformes	Synodontidae	<i>Synodus foetens</i> (Linnaeus, 1766)	Marine-Estuary	CIUFPPB 2826	75
Aulopiformes	Synodontidae	<i>Synodus intermedius</i> (Agassiz, 1829)	Marine	CIUFPPB 4269	75, 156
Aulopiformes	Synodontidae	<i>Synodus synodus</i> (Linnaeus, 1758)	Marine	CIUFPPB 4330	75, 156
Aulopiformes	Synodontidae	<i>Trachinocephalus myops</i> (Forster, 1801)	Marine	CIUFPPB 4579	75, 156
Gadiformes	Stylephoridae	<i>Stylephorus chordatus</i> Shaw, 1791	Marine		99
Beryciformes	Holocentridae	<i>Holocentrus adscensionis</i> (Osbeck, 1765)	Marine	CIUFPPB 4877, MZUSP 048059	75, 156
Beryciformes	Holocentridae	<i>Holocentrus rufus</i> (Walbaum, 1792)	Marine	CIUFPPB 423	75
Beryciformes	Holocentridae	<i>Myripristis jacobus</i> Cuvier, 1829	Marine	CIUFPPB 4243	75, 156
Beryciformes	Holocentridae	<i>Plectrypops retrospinis</i> (Guichenot, 1853)	Marine	CIUFPPB 4571	75, 156
Ophidiiformes	Ophidiidae	<i>Lepophidium brevibarbe</i> (Cuvier, 1829)	Marine		75, 156
Batrachoidiformes	Batrachoididae	<i>Amphichthys cryptocentrus</i> (Valenciennes, 1837)	Marine-Estuary	OBIS_BR 93	75, 156
Batrachoidiformes	Batrachoididae	<i>Batrachoides surinamensis</i> (Bloch & Schneider, 1801)	Marine-Estuary		75, 156
Batrachoidiformes	Batrachoididae	<i>Porichthys kymosemum</i> Gilbert, 1968	Marine	CIUFPPB 1477	75, 156
Batrachoidiformes	Batrachoididae	<i>Porichthys plectrodon</i> Jordan & Gilbert, 1882	Marine		75, 156
Batrachoidiformes	Batrachoididae	<i>Thalassophryne nattereri</i> Steindachner, 1876	Marine-Estuary	CIUFPPB 2534	75, 156
Batrachoidiformes	Batrachoididae	<i>Thalassophryne punctata</i> Steindachner, 1936	Marine-Estuary	CIUFPPB 3795	75, 156
Gobiiformes	Apogonidae	<i>Apogon americanus</i> Castelnau, 1855	Marine	CIUFPPB 4027, MZUSP 048049	75, 156
Gobiiformes	Apogonidae	<i>Apogon pseudomaculatus</i> Longley, 1932	Marine	CIUFPPB 4303	75, 156
Gobiiformes	Apogonidae	<i>Apogon quadrisquamatus</i> Longley, 1934	Marine	CIUFPPB 4028	75, 156
Gobiiformes	Apogonidae	<i>Apogon robbyi</i> Gilbert & Tyler, 1997	Marine	CIUFPPB 4332	75, 156
Gobiiformes	Apogonidae	<i>Astrapogon puncticulatus</i> (Poey, 1867)	Marine	CIUFPPB 4357	75, 156
Gobiiformes	Apogonidae	<i>Astrapogon stellatus</i> (Cope, 1867)	Marine	CIUFPPB 1828	75, 156
Gobiiformes	Apogonidae	<i>Phaeoptyx pigmentaria</i> (Poey, 1860)	Marine	CIUFPPB 3357	75, 156
Gobiiformes	Eleotridae	<i>Eleotris pisonis</i> (Gmelin, 1789)	Marine-Estuary-Freshwater	UFPB 3634, MNRJ 46254, PUCRS 37595, UFRN 468, 1564;	75, 156
Gobiiformes	Eleotridae	<i>Erotelis smaragdus</i> (Valenciennes, 1837)	Marine-Estuary	CIUFPPB 15150	75, 156
Gobiiformes	Eleotridae	<i>Dormitator maculatus</i> (Bloch, 1792)	Marine-Estuary-Freshwater	CIUFPPB 15176	75, 156
Gobiiformes	Eleotridae	<i>Guavina guavina</i> (Valenciennes, 1837)	Marine-Estuary-Freshwater	CIUFPPB 109, CIUFPPB 343	75, 156



TABLE S2 | (Continued)

Class/Order	Family	Species	Habitat	Voucher	Literature source
Gobiiformes	Oxudercidae	<i>Awaous tajasica</i> (Lichtenstein, 1822)	Freshwater-Estuary-Marine	CIUFPB 1035	75
Gobiiformes	Oxudercidae	<i>Ctenogobius apogonus</i> Pezold, 2022	Marine		75, 156
Gobiiformes	Oxudercidae	<i>Ctenogobius boleosoma</i> (Jordan & Gilbert, 1882)	Marine-Estuary-Freshwater	CIUFPB 1648, CIUFPB 1662	75, 156
Gobiiformes	Oxudercidae	<i>Ctenogobius saepepallens</i> (Gilbert & Randall, 1968)	Marine	CIUFPB 4006	75, 156
Gobiiformes	Oxudercidae	<i>Ctenogobius shufeldti</i> (Jordan & Eigenmann, 1887)	Marine-Estuary-Freshwater	CIUFPB 4851	75
Gobiiformes	Oxudercidae	<i>Ctenogobius smaragdus</i> (Valenciennes, 1837)	Marine-Estuary-Freshwater	CIUFPB 5461	75, 156
Gobiiformes	Oxudercidae	<i>Ctenogobius stigmaticus</i> (Poey, 1860)	Marine-Estuary	CIUFPB 222, CIUFPB 4603	75, 156
Gobiiformes	Oxudercidae	<i>Evorthodus lyricus</i> (Girard, 1858)	Marine-Estuary-Freshwater	CIUFPB 11523	75, 156
Gobiiformes	Oxudercidae	<i>Gnatholepis thompsoni</i> Jordan, 1904	Marine	CIUFPB 3753	75, 156
Gobiiformes	Oxudercidae	<i>Gobioides broussonnetii</i> Lacepède, 1800	Marine-Estuary-Freshwater	CIUFPB 5641	75, 156
Gobiiformes	Oxudercidae	<i>Gobionellus oceanicus</i> (Pallas, 1770)	Marine-Estuary	CIUFPB 6455	75, 156
Gobiiformes	Oxudercidae	<i>Gobionellus stomatus</i> Starks, 1913	Marine-Estuary	CIUFPB 10197	75, 156
Gobiiformes	Gobiidae	<i>Barbulifer ceuthoecus</i> (Jordan & Gilbert, 1884)	Marine	CIUFPB 1839	75, 156
Gobiiformes	Gobiidae	<i>Barbulifer</i> cf. <i>enigmaticus</i> Joyeux, Van Tassell & Macieira, 2009	Marine	CIUFPB 6409	
Gobiiformes	Gobiidae	<i>Bathygobius geminatus</i> Tornabene, Baldwin & Pezold, 2010	Marine		75, 156
Gobiiformes	Gobiidae	<i>Bathygobius soporator</i> (Valenciennes, 1837)	Marine-Estuary-Freshwater	CIUFPB 6454, MNRJ 46264, 46270; MZUSP 48072	75, 156
Gobiiformes	Gobiidae	<i>Coryphopterus dicrus</i> Böhlke & Robins, 1960	Marine	CIUFPB 4308	75, 156
Gobiiformes	Gobiidae	<i>Coryphopterus</i> aff. <i>eidolon</i> Böhlke & Robins, 1960	Marine	CIUFPB 4336	75, 156
Gobiiformes	Gobiidae	<i>Coryphopterus glaucofraenum</i> Gill, 1863	Marine	CIUFPB 4510	75, 156
Gobiiformes	Gobiidae	<i>Coryphopterus thrux</i> Böhlke & Robins, 1960	Marine	CIUFPB 4011	75, 156
Gobiiformes	Gobiidae	<i>Elacatinus figaro</i> Sazima, Moura & Rosa, 1997	Marine	CIUFPB 4013, CIUFPB 4346	75, 156
Gobiiformes	Gobiidae	<i>Gobiosoma alfiei</i> Joyeux & Macieira, 2015	Marine	CIUFPB 4023	75, 156
Gobiiformes	Gobiidae	<i>Gobiosoma spilotum</i> ? (Ginsburg, 1939)	Marine	CIUFPB 4258, CIUFPB 3354	
Gobiiformes	Gobiidae	<i>Gobulus myersi</i> Ginsburg, 1939	Marine	CIUFPB 3990	75, 156
Gobiiformes	Gobiidae	<i>Lythrypnus brasiliensis</i> ? Greenfield, 1988	Marine	CIUFPB 4024	
Gobiiformes	Gobiidae	<i>Microdesmus bahianus</i> Dawson, 1973	Marine	CIUFPB 5922	75, 156
Gobiiformes	Gobiidae	<i>Microdesmus longipinnis</i> (Weymouth, 1910)	Marine	CIUFPB 5923	75, 156
Gobiiformes	Gobiidae	<i>Microgobius carri</i> Fowler, 1945	Marine	CIUFPB 4624	75, 156
Gobiiformes	Gobiidae	<i>Microgobius meeki</i> Evermann & Marsh, 1899	Marine	CIUFPB 5276	75, 156
Gobiiformes	Gobiidae	<i>Priolepis dawsoni</i> Greenfield, 1989	Marine	CIUFPB 3752	75, 156
Gobiiformes	Gobiidae	<i>Psilotris</i> cf. <i>alepis</i> Ginsburg, 1953	Marine	CIUFPB 1804, CIUFPB 1808	
Gobiiformes	Gobiidae	<i>Ptereleotris randalli</i> Gasparini, Rocha & Floeter, 2001	Marine	CIUFPB 4328, CIUFPB 3750	75, 156
Gobiiformes	Gobiidae	<i>Risor ruber</i> (Rosén, 1911)	Marine	CIUFPB 3989	75, 156
Syngnathiformes	Dactylopteridae	<i>Dactylopterus volitans</i> (Linnaeus, 1758)	Marine	CIUFPB 4307	75, 156
Syngnathiformes	Mullidae	<i>Mulloidichthys martinicus</i> (Cuvier, 1829)	Marine		75, 156
Syngnathiformes	Mullidae	<i>Pseudupeneus maculatus</i> (Bloch, 1793)	Marine	CIUFPB 6514	75, 156
Syngnathiformes	Mullidae	<i>Upeneus parvus</i> (Cuvier, 1829)	Marine		75, 156
Syngnathiformes	Callionymidae	<i>Callionymus bairdi</i> Jordan, 1888	Marine	CIUFPB 4371	75, 156
Syngnathiformes	Aulostomidae	<i>Aulostomus strigosus</i> Wheeler, 1955	Marine		75, 156
Syngnathiformes	Fistulariidae	<i>Fistularia petimba</i> Lacépède, 1803	Marine	CIUFPB 622	75, 156
Syngnathiformes	Fistulariidae	<i>Fistularia tabacaria</i> Linnaeus, 1758	Marine	CIUFPB 4015	75, 156
Syngnathiformes	Syngnathidae	<i>Bryx dunckeri</i> (Metzelaar, 1919)	Marine	CIUFPB 1307	75, 156
Syngnathiformes	Syngnathidae	<i>Cosmocampus elucens</i> (Poey, 1868)	Marine	CIUFPB 10368	75, 156
Syngnathiformes	Syngnathidae	<i>Halicampus crinitus</i> (Jenyns, 1842)	Marine	CIUFPB 5046	75, 156

TABLE S2 | (Continued)

Class/Order	Family	Species	Habitat	Voucher	Literature source
Syngnathiformes	Syngnathidae	<i>Hippocampus</i> aff. <i>erectus</i> Perry, 1810	Marine	OBIS_BR 1425, OBIS_BR 1419	75, 156
Syngnathiformes	Syngnathidae	<i>Hippocampus reidi</i> Ginsburg, 1933	Marine	CIUFPPB 5388	75, 156
Syngnathiformes	Syngnathidae	<i>Microphis lineatus</i> (Kaup, 1856)	Marine-Estuary-Freshwater	CIUFPPB 5503	75, 156
Syngnathiformes	Syngnathidae	<i>Syngnathus folletti</i> Herald, 1942	Marine-Estuary		75, 156
Syngnathiformes	Syngnathidae	<i>Syngnathus pelagicus</i> Linnaeus, 1758	Marine	CIUFPPB 9916	75, 156
Scombriformes	Stromateidae	<i>Peprilus crenulatus</i> Cuvier, 1829	Marine-Estuary	CIUFPPB 2743	75, 156
Scombriformes	Pomatomidae	<i>Pomatomus saltatrix</i> (Linnaeus, 1766)	Marine-Estuary		75
Scombriformes	Nomeidae	<i>Nomeus gronovii</i> (Gmelin, 1789)	Marine		75, 156
Scombriformes	Scombridae	<i>Acanthocybium solandri</i> (Cuvier, 1832)	Marine		156
Scombriformes	Scombridae	<i>Auxis thazard</i> (Lacepède, 1800)	Marine		156
Scombriformes	Scombridae	<i>Euthynnus alletteratus</i> (Rafinesque, 1810)	Marine		156
Scombriformes	Scombridae	<i>Scomberomorus brasiliensis</i> Collette, Russo & Zavala-Camin, 1978	Marine	CIUFPPB 3066	75, 156
Scombriformes	Scombridae	<i>Scomberomorus cavalla</i> (Cuvier, 1829)	Marine	CIUFPPB 10889	75, 156
Scombriformes	Scombridae	<i>Scomberomorus regalis</i> (Bloch, 1793)	Marine	CIUFPPB 14521	75, 156
Scombriformes	Scombridae	<i>Thunnus albacares</i> (Bonnaterre, 1788)	Marine		156
Scombriformes	Scombridae	<i>Thunnus atlanticus</i> (Lesson, 1831)	Marine		156
Scombriformes	Scombridae	<i>Thunnus obesus</i> (Lowe, 1839)	Marine	CIUFPPB 4636	75, 156
Scombriformes	Trichiuridae	<i>Trichiurus lepturus</i> Linnaeus, 1758	Marine	CIUFPPB 15230	75, 156
Synbranchiformes	Synbranchidae	<i>Synbranchus</i> aff. <i>marmoratus</i> Bloch, 1795	Freshwater	CIUFPPB 525, UFRN 1643, 1742;	10, 33, 87, 94, 101, 144, 168, 188
Carangiformes	Centropomidae	<i>Centropomus ensiferus</i> Poey, 1860	Marine-Estuary	CIUFPPB 3766	75, 156
Carangiformes	Centropomidae	<i>Centropomus parallelus</i> Poey, 1860	Marine-Estuary	CIUFPPB 5399	75, 156
Carangiformes	Centropomidae	<i>Centropomus pectinatus</i> Poey, 1860	Marine-Estuary	CIUFPPB 5479	75, 156
Carangiformes	Centropomidae	<i>Centropomus undecimalis</i> (Bloch, 1792)	Marine-Estuary	CIUFPPB 5506	75, 156
Carangiformes	Sphyraenidae	<i>Sphyraena barracuda</i> (Edwards, 1771)	Marine-Estuary	CIUFPPB 6575	75, 156
Carangiformes	Sphyraenidae	<i>Sphyraena borealis</i> DeKay, 1842	Marine	CIUFPPB 1525	75
Carangiformes	Sphyraenidae	<i>Sphyraena guachancho</i> Cuvier, 1829	Marine-Estuary	CIUFPPB 3152	75, 156
Carangiformes	Polynemidae	<i>Polydactylus oligodon</i> (Günther, 1860)	Marine	CIUFPPB 4559	75, 156
Carangiformes	Polynemidae	<i>Polydactylus virginicus</i> (Linnaeus, 1758)	Marine-Estuary	CIUFPPB 5371	75, 156
Carangiformes	Cyclopsettidae	<i>Citharichthys arenaceus</i> Evermann & Marsh, 1900	Marine-Estuary	CIUFPPB 5482	75, 156
Carangiformes	Cyclopsettidae	<i>Citharichthys cornutus</i> (Günther, 1880)	Marine		156
Carangiformes	Cyclopsettidae	<i>Citharichthys macrops</i> Dresel, 1885	Marine	CIUFPPB 10129	75, 156
Carangiformes	Cyclopsettidae	<i>Citharichthys spilopterus</i> Günther, 1862	Marine-Estuary-Freshwater	CIUFPPB 10130	75, 156
Carangiformes	Cyclopsettidae	<i>Cyclopsetta fimbriata</i> (Goode & Bean, 1885)	Marine		75
Carangiformes	Cyclopsettidae	<i>Etropus crossotus</i> Jordan & Gilbert, 1882	Marine-Estuary	CIUFPPB 10194	75, 156
Carangiformes	Cyclopsettidae	<i>Syacium micrurum</i> Ranzani, 1842	Marine-Estuary	CIUFPPB 414	75, 156
Carangiformes	Cyclopsettidae	<i>Syacium papillosum</i> (Linnaeus, 1758)	Marine		156
Carangiformes	Bothidae	<i>Bothus lunatus</i> (Linnaeus, 1758)	Marine		156
Carangiformes	Bothidae	<i>Bothus ocellatus</i> (Agassiz, 1831)	Marine	CIUFPPB 1002	75, 156
Carangiformes	Bothidae	<i>Bothus robinsi</i> Topp & Hoff, 1972	Marine		75
Carangiformes	Paralichthyidae	<i>Paralichthys brasiliensis</i> (Ranzani, 1842)	Marine-Estuary	CIUFPPB 11670	75, 156
Carangiformes	Achiridae	<i>Achirus achirus</i> (Linnaeus, 1758)	Marine-Estuary	CIUFPPB 635	75, 156
Carangiformes	Achiridae	<i>Achirus declivis</i> Chabanaud, 1940	Marine-Estuary-Freshwater	CIUFPPB 641	75, 156
Carangiformes	Achiridae	<i>Achirus lineatus</i> (Linnaeus, 1758)	Marine-Estuary-Freshwater	CIUFPPB 658	75, 156
Carangiformes	Achiridae	<i>Gymnachirus nudus</i> Kaup, 1858	Marine-Estuary		156
Carangiformes	Achiridae	<i>Trinectes inscriptus</i> (Gosse, 1851)	Marine-Estuary	CIUFPPB 11547	
Carangiformes	Achiridae	<i>Trinectes microphthalmus</i> (Chabanaud, 1928)	Marine-Estuary-Freshwater	CIUFPPB 1342	75, 156
Carangiformes	Achiridae	<i>Trinectes paulistanus</i> (Miranda Ribeiro, 1915)	Marine-Estuary-Freshwater	CIUFPPB 2034	75, 156



TABLE S2 | (Continued)

Class/Order	Family	Species	Habitat	Voucher	Literature source
Carangiformes	Cynoglossidae	<i>Symphurus plagusia</i> (Bloch & Schneider, 1801)	Marine-Estuary	CIUFPB 2037	75, 156
Carangiformes	Cynoglossidae	<i>Symphurus rhytisma</i> ? Böhlke, 1961	Marine	CIUFPB 6481	
Carangiformes	Cynoglossidae	<i>Symphurus tessellatus</i> (Quoy & Gaimard, 1824)	Marine-Estuary	CIUFPB 10223	75, 156
Carangiformes	Carangidae	<i>Alectis ciliaris</i> (Bloch, 1787)	Marine		156
Carangiformes	Carangidae	<i>Caranx bartholomaei</i> (Cuvier, 1833)	Marine	CIUFPB 5404	75, 156
Carangiformes	Carangidae	<i>Caranx crysos</i> (Mitchill, 1815)	Marine	CIUFPB 4321	75, 156
Carangiformes	Carangidae	<i>Caranx hippos</i> (Linnaeus, 1766)	Marine-Estuary-Freshwater	CIUFPB 5858	75, 156
Carangiformes	Carangidae	<i>Caranx latus</i> Agassiz, 1831	Marine-Estuary-Freshwater	CIUFPB 4954	75, 156
Carangiformes	Carangidae	<i>Caranx lugubris</i> Poey, 1860	Marine	MNRJ 3483	75, 156
Carangiformes	Carangidae	<i>Caranx ruber</i> (Bloch, 1793)	Marine		156
Carangiformes	Carangidae	<i>Chloroscombrus chrysurus</i> (Linnaeus, 1766)	Marine	CIUFPB 4553	75, 156
Carangiformes	Carangidae	<i>Decapterus macarellus</i> (Cuvier, 1833)	Marine		156
Carangiformes	Carangidae	<i>Decapterus tabl</i> Berry, 1968	Marine		156
Carangiformes	Carangidae	<i>Elagatis bipinnulata</i> (Quoy & Gaimard, 1825)	Marine		156
Carangiformes	Carangidae	<i>Hemicaranx amblyrhynchus</i> (Cuvier, 1833)	Marine	CIUFPB 9877	
Carangiformes	Carangidae	<i>Naucrates ductor</i> (Linnaeus, 1758)	Marine		156
Carangiformes	Carangidae	<i>Oligoplites palometa</i> (Cuvier, 1832)	Marine-Estuary-Freshwater	CIUFPB 10209	75, 156
Carangiformes	Carangidae	<i>Oligoplites saliens</i> (Bloch, 1793)	Marine-Estuary	CIUFPB 3239	75, 156
Carangiformes	Carangidae	<i>Oligoplites saurus</i> (Bloch & Schneider, 1801)	Marine-Estuary	CIUFPB 4338	75, 156
Carangiformes	Carangidae	<i>Selar crumenophthalmus</i> (Bloch, 1793)	Marine	CIUFPB 6637	75, 156
Carangiformes	Carangidae	<i>Selene brownii</i> (Cuvier, 1816)	Marine	CIUFPB 3653, CIUFPB 3803	75, 156
Carangiformes	Carangidae	<i>Selene setapinnis</i> (Mitchill, 1815)	Marine	CIUFPB 6559	75, 156
Carangiformes	Carangidae	<i>Selene vomer</i> (Linnaeus, 1758)	Marine-Estuary	CIUFPB 6572	75, 156
Carangiformes	Carangidae	<i>Seriola dumerili</i> (Risso, 1810)	Marine		156
Carangiformes	Carangidae	<i>Seriola rivoliana</i> Valenciennes, 1833	Marine		156
Carangiformes	Carangidae	<i>Trachinotus carolinus</i> (Linnaeus, 1766)	Marine-Estuary	CIUFPB 6573	75, 156
Carangiformes	Carangidae	<i>Trachinotus cayennensis</i> Cuvier, 1832	Marine		156
Carangiformes	Carangidae	<i>Trachinotus falcatus</i> (Linnaeus, 1758)	Marine	CIUFPB 9997	75, 156
Carangiformes	Carangidae	<i>Trachinotus goodei</i> Jordan & Evermann, 1896	Marine	CIUFPB 10001	75, 156
Carangiformes	Carangidae	<i>Trachurus lathami</i> ? Nichols, 1920	Marine	CIUFPB 1944	
Carangiformes	Carangidae	<i>Uraspis secunda</i> (Poey, 1860)	Marine		156
Carangiformes	Echeneidae	<i>Echeneis naucrates</i> Linnaeus, 1758	Marine	CIUFPB 1425	75, 156
Carangiformes	Echeneidae	<i>Remora remora</i> (Linnaeus, 1758)	Marine	CIUFPB 1911	75, 156
Carangiformes	Rachycentridae	<i>Rachycentron canadum</i> (Linnaeus, 1766)	Marine	CIUFPB 1435	75, 156
Carangiformes	Coryphaenidae	<i>Coryphaena hippurus</i> Linnaeus, 1758	Marine		156
Atheriniformes	Atherinopsidae	<i>Atherinella blackburni</i> (Schultz, 1949)	Marine-Estuary	CIUFPB 10124	75, 156
Atheriniformes	Atherinopsidae	<i>Atherinella brasiliensis</i> (Quoy & Gaimard, 1825)	Marine-Estuary	CIUFPB 10354	75, 156
Atheriniformes	Atherinopsidae	<i>Membras dissimilis</i> ? (Carvalho, 1956)	Marine	CIUFPB 273	
Beloniformes	Belonidae	<i>Ablennes hians</i> (Valenciennes, 1846)	Marine-Estuary-Freshwater		156
Beloniformes	Belonidae	<i>Strongylura marina</i> (Walbaum, 1792)	Marine-Estuary-Freshwater	CIUFPB 550	75, 156
Beloniformes	Belonidae	<i>Strongylura timucu</i> (Walbaum, 1792)	Marine-Estuary-Freshwater	CIUFPB 620	75, 156
Beloniformes	Belonidae	<i>Tylosurus crocodilus</i> (Péron & Lesueur, 1821)	Marine		156
Beloniformes	Hemiramphidae	<i>Hemiramphus brasiliensis</i> (Linnaeus, 1758)	Marine-Estuary	CIUFPB 5515	75, 156
Beloniformes	Hemiramphidae	<i>Hemiramphus balao</i> Lesueur, 1821	Marine		156
Beloniformes	Hemiramphidae	<i>Hyporhamphus roberti</i> (Valenciennes, 1847)	Marine-Estuary	CIUFPB 10199	75, 156
Beloniformes	Hemiramphidae	<i>Hyporhamphus unifasciatus</i> (Ranzani, 1841)	Marine-Estuary	CIUFPB 10332	75, 156
Beloniformes	Exocoetidae	<i>Cheilopogon cyanopterus</i> (Valenciennes, 1847)	Marine		156
Beloniformes	Exocoetidae	<i>Cheilopogon melanurus</i> (Valenciennes, 1847)	Marine		156
Beloniformes	Exocoetidae	<i>Exocoetus volitans</i> Linnaeus, 1758	Marine		156



TABLE S2 | (Continued)

Class/Order	Family	Species	Habitat	Voucher	Literature source
Beloniformes	Exocoetidae	<i>Hirundichthys affinis</i> (Günther, 1866)	Marine		156
Cyprinodontiformes	Rivulidae	<i>Hypsolebias</i> sp.	Freshwater	Uncatalogued	
Cyprinodontiformes	Poeciliidae	<i>Poecilia reticulata</i> Peters, 1859*	Freshwater	UFPB 522, PUCRS 31358, 31449; UFRN 160, 466; UFPB 5, 7;	33, 36, 72, 87, 89, 91, 101, 168
Cyprinodontiformes	Poeciliidae	<i>Poecilia vivipara</i> Bloch & Schneider, 1801	Freshwater-Estuary	MNRJ 46255, PUCRS 37583, 31420; UFRN 162, 432;	33, 35, 36, 87, 91, 101, 168, 171, 188
Cyprinodontiformes	Poeciliidae	<i>Xiphophorus maculatus</i> (Günther, 1866)*	Freshwater	UFPB 11322	139
Cichliformes	Cichlidae	<i>Astronotus ocellatus</i> (Agassiz, 1831)*	Freshwater	UFPB 2873	21, 33, 102, 168
Cichliformes	Cichlidae	<i>Cichla ocellaris</i> Bloch & Schneider, 1801*	Freshwater	UFPB 2917	13, 21, 33, 87, 91, 188
Cichliformes	Cichlidae	<i>Cichla monoculus</i> Spix & Agassiz, 1831*	Freshwater	UFPB 10075, UFRN 318, 1527;	112, 168, 188
Cichliformes	Cichlidae	<i>Cichlasoma orientale</i> Kullander, 1983	Freshwater	UFPB 10085, PUCRS 31394, 31201; UFRN 159, 236;	13, 14, 33, 73, 77, 87, 88, 89, 90, 91, 101, 168, 188
Cichliformes	Cichlidae	<i>Cichlasoma sanctifranciscense</i> Kullander, 1983	Freshwater	CIUFPB13651	
Cichliformes	Cichlidae	<i>Coptodon rendalli</i> (Boulenger, 1897)*	Freshwater	CIUFPB14374, PUCRS 31299	21, 33, 60, 112, 171
Cichliformes	Cichlidae	<i>Geophagus brasiliensis</i> (Quoy & Gaimard, 1824)	Freshwater-Estuary	CIUFPB 648, PUCRS 31405, UFRN 436, 684;	33, 73, 77, 89, 91, 101, 188
Cichliformes	Cichlidae	<i>Oreochromis niloticus</i> (Linnaeus, 1758)*	Freshwater	CIUFPB 1114, UFRN 675, 692;	21, 33, 57, 60, 72, 73, 74, 77, 87, 88, 89, 90, 91, 101, 159, 168, 183
Cichliformes	Cichlidae	<i>Parachromis managuensis</i> (Günther, 1867)*	Freshwater	CIUFPB 8927, UFRN 1971, 5915;	91, 188
Cichliformes	Cichlidae	<i>Saxatilia brasiliensis</i> (Bloch, 1792)	Freshwater	CIUFPB 978, UFRN 450, 437; PUCRS 31395, 37584;	13, 14, 33, 73, 87, 89, 91, 168, 188
Mugiliformes	Mugilidae	<i>Mugil brevirostris</i> Miranda Ribeiro, 1915	Marine-Estuary		156
Mugiliformes	Mugilidae	<i>Mugil curema</i> Valenciennes, 1836	Marine-Estuary	CIUFPB 1029	75, 156
Mugiliformes	Mugilidae	<i>Mugil curvidens</i> Valenciennes, 1836	Marine-Estuary	CIUFPB 3922, CIUFPB 5384	75, 156
Mugiliformes	Mugilidae	<i>Mugil incilis</i> Hancock, 1830	Marine-Estuary	CIUFPB 3921	75, 156
Mugiliformes	Mugilidae	<i>Mugil liza</i> Valenciennes, 1836	Marine-Estuary	CIUFPB 3932	75, 156
Mugiliformes	Mugilidae	<i>Mugil rubrioculus</i> Harrison, Nirchio, Oliveira, Ron & Gaviria, 2007	Marine-Estuary		156
Blenniiformes	Pomacentridae	<i>Abudefduf saxatilis</i> (Linnaeus, 1758)	Marine	CIUFPB 3992	75, 156
Blenniiformes	Pomacentridae	<i>Azurina multilineata</i> (Guichenot, 1853)	Marine	CIUFPB 4247	75, 156
Blenniiformes	Pomacentridae	<i>Chromis flavicauda</i> (Günther, 1880)	Marine	CIUFPB 4302	75, 156
Blenniiformes	Pomacentridae	<i>Chromis jubauna</i> Moura, 1995	Marine	CIUFPB 4634	75, 156
Blenniiformes	Pomacentridae	<i>Microspathodon chrysurus</i> (Cuvier, 1830)	Marine		156
Blenniiformes	Pomacentridae	<i>Stegastes fuscus</i> (Cuvier, 1830)	Marine	CIUFPB 4658, MZUSP 048086	75, 156
Blenniiformes	Pomacentridae	<i>Stegastes pictus</i> (Castelnau, 1855)	Marine	CIUFPB 3988, MZUSP 049072	75, 156
Blenniiformes	Pomacentridae	<i>Stegastes variabilis</i> (Castelnau, 1855)	Marine	CIUFPB 3993, MZUSP 048087	75, 156
Blenniiformes	Grammatidae	<i>Gramma brasiliensis</i> Sazima, Gasparini & Moura, 1998	Marine	CIUFPB 14499	75, 156



TABLE S2 | (Continued)

Class/Order	Family	Species	Habitat	Voucher	Literature source
Blenniiformes	Opistognathidae	<i>Opistognathus aurifrons</i> (Jordan & Thompson, 1905)	Marine	CIUFPB 1855	24
Blenniiformes	Opistognathidae	<i>Opistognathus cuvierii?</i> Valenciennes, 1836	Marine	CIUFPB14498	
Blenniiformes	Gobiesocidae	<i>Gobiesox barbatulus</i> Starks, 1913	Marine		156
Blenniiformes	Gobiesocidae	<i>Gobiesox strumosus?</i> Cope, 1870	Marine	CIUFPB 1641	
Blenniiformes	Gobiesocidae	<i>Tomicodon fasciatus</i> (Peters, 1859)	Marine	CIUFPB 2802	75, 156
Blenniiformes	Tripterygiidae	<i>Enneanectes altivelis</i> Rosenblatt, 1960	Marine	CIUFPB 3367	75, 156
Blenniiformes	Blenniidae	<i>Entomacrodus vomerinus</i> (Valenciennes, 1836)	Marine	CIUFPB 3998, MZUSP 048082	75, 156
Blenniiformes	Blenniidae	<i>Hypleurochilus fissicornis</i> (Quoy & Gaimard, 1824)	Marine		156
Blenniiformes	Blenniidae	<i>Hypleurochilus pseudoaequipinnis</i> Bath, 1994	Marine	CIUFPB 4864	75, 156
Blenniiformes	Blenniidae	<i>Ophioblennius atlanticus?</i> (Valenciennes, 1836)	Marine	CIUFPB 5949, CIUFPB 6382	156
Blenniiformes	Blenniidae	<i>Ophioblennius trinitatis</i> Miranda Ribeiro, 1919	Marine		156
Blenniiformes	Blenniidae	<i>Parablennius marmoreus</i> (Poey, 1876)	Marine		156
Blenniiformes	Blenniidae	<i>Parablennius pilicornis</i> (Cuvier, 1829)	Marine	CIUFPB 4702	75, 156
Blenniiformes	Blenniidae	<i>Scartella cristata</i> (Linnaeus, 1758)	Marine	CIUFPB 4704, MZUSP 048083	75, 156
Blenniiformes	Labrisomidae	<i>Gobioclinus kalisherae</i> (Jordan, 1904)	Marine	CIUFPB 3503	75, 156
Blenniiformes	Labrisomidae	<i>Labrisomus cricota</i> Sazima, Gasparini & Moura, 2002	Marine		156
Blenniiformes	Labrisomidae	<i>Labrisomus nuchipinnis</i> (Quoy & Gaimard, 1824)	Marine	CIUFPB 3756, MNRJ 46267, MZUSP 48054	75, 156
Blenniiformes	Labrisomidae	<i>Malacoctenus delalandii</i> (Valenciennes, 1836)	Marine	CIUFPB 4003	75, 156
Blenniiformes	Labrisomidae	<i>Malacoctenus triangulatus?</i> Springer, 1959	Marine	CIUFPB 4374	
Blenniiformes	Labrisomidae	<i>Malacoctenus zaluari</i> Carvalho-Filho, Gasparini & Sazima, 2020	Marine		75
Blenniiformes	Labrisomidae	<i>Paraclinus arcanus</i> Guimarães & Bacellar, 2002	Marine	CIUFPB 5083	75, 156
Blenniiformes	Labrisomidae	<i>Paraclinus rubicundus</i> (Starks, 1913)	Marine	CIUFPB 5084	75, 156
Blenniiformes	Labrisomidae	<i>Starksia brasiliensis</i> (Gilbert, 1900)	Marine	CIUFPB 6605	75, 156
Blenniiformes	Chaenopsidae	<i>Emblemaria australis</i> Ramos, Rocha & Rocha, 2003 ^c	Marine	CIUFPB 1570	75, 156
Blenniiformes	Chaenopsidae	<i>Emblemariaopsis signifer</i> (Ginsburg, 1942)	Marine	CIUFPB 4625	75, 156
Blenniiformes	Dactyloscopidae	<i>Dactyloscopus crossotus</i> Kanazawa, 1952	Marine	CIUFPB 4883	75, 156
Blenniiformes	Dactyloscopidae	<i>Dactyloscopus tridigitatus</i> Böhlke, 1968	Marine	CIUFPB 4914	75, 156
Perciformes	Serranidae	<i>Diplectrum formosum</i> (Linnaeus, 1766)	Marine	CIUFPB 160	75, 156
Perciformes	Serranidae	<i>Diplectrum radiale</i> (Quoy & Gaimard, 1824)	Marine		156
Perciformes	Serranidae	<i>Serranus annularis</i> (Günther, 1880)	Marine	CIUFPB 4358	75, 156
Perciformes	Serranidae	<i>Serranus baldwini</i> (Evermann & Marsh, 1899)	Marine	CIUFPB 1542	75, 156
Perciformes	Serranidae	<i>Serranus flaviventris</i> (Cuvier, 1829)	Marine	CIUFPB 1743	75, 156
Perciformes	Serranidae	<i>Serranus phoebe</i> Poey, 1851	Marine	CIUFPB 5435	75, 156
Perciformes	Epinephelidae	<i>Alphestes afer</i> (Bloch, 1793)	Marine	CIUFPB 6640	75, 156
Perciformes	Epinephelidae	<i>Cephalopholis fulva</i> (Linnaeus, 1758)	Marine	CIUFPB 9640, MZUSP 049073	75, 156
Perciformes	Epinephelidae	<i>Dermatolepis inermis</i> (Valenciennes, 1833)	Marine		156
Perciformes	Epinephelidae	<i>Epinephelus adscensionis</i> (Osbeck, 1765)	Marine	CIUFPB 8	75, 156
Perciformes	Epinephelidae	<i>Epinephelus guttatus</i> (Linnaeus, 1758)	Marine		156
Perciformes	Epinephelidae	<i>Epinephelus itajara</i> (Lichtenstein, 1822)	marine	CIUFPB 3906	75, 156
Perciformes	Epinephelidae	<i>Epinephelus morio</i> (Valenciennes, 1828)	Marine		75
Perciformes	Epinephelidae	<i>Hyporthodus niveatus</i> (Valenciennes, 1828)	Marine		75
Perciformes	Epinephelidae	<i>Mycteroperca bonaci</i> (Poey, 1860)	Marine	CIUFPB 2546	75, 156
Perciformes	Epinephelidae	<i>Mycteroperca interstitialis</i> (Poey, 1860)	Marine		156
Perciformes	Epinephelidae	<i>Paranthias furcifer</i> (Valenciennes, 1828)	Marine	CIUFPB 4350	156

TABLE S2 | (Continued)

Class/Order	Family	Species	Habitat	Voucher	Literature source
Perciformes	Grammistidae	<i>Rypticus bistrispinus</i> (Mitchill, 1818)	Marine	CIUFPB 4987	75, 156
Perciformes	Grammistidae	<i>Rypticus randalli</i> Courtenay, 1967	Marine	CIUFPB 5478	75, 156
Perciformes	Grammistidae	<i>Rypticus saponaceus</i> (Bloch & Schneider, 1801)	Marine	CIUFPB 6364	75, 156
Perciformes	Grammistidae	<i>Rypticus subbifrenatus</i> Gill, 1861	Marine	CIUFPB 3340	75, 156
Perciformes	Triglidae	<i>Prionotus cf. nudigula</i> Ginsburg, 1950	Marine	CIUFPB 8910	156
Perciformes	Triglidae	<i>Prionotus punctatus</i> (Bloch, 1793)	Marine	CIUFPB 8914	75, 156
Perciformes	Liopropomatidae	<i>Liopropoma carmabi</i> (Randall, 1963)	Marine		75
Perciformes	Scorpaenidae	<i>Pterois volitans</i> (Linnaeus, 1758)*	Marine	CIUFPB 15174, CIUFPB15178	75
Perciformes	Scorpaenidae	<i>Scorpaena bergii</i> Evermann & Marsh, 1900	Marine	CIUFPB 1824, CIUFPB 1836	75, 156
Perciformes	Scorpaenidae	<i>Scorpaena brasiliensis</i> Cuvier, 1829	Marine	CIUFPB 335	75, 156
Perciformes	Scorpaenidae	<i>Scorpaena inermis</i> Cuvier, 1829	Marine		156
Perciformes	Scorpaenidae	<i>Scorpaena isthmensis</i> Meek & Hildebrand, 1928	Marine	CIUFPB 14539	75
Perciformes	Scorpaenidae	<i>Scorpaena melasma</i> Eschmeyer, 1965	Marine	CIUFPB 1801	75, 156
Perciformes	Scorpaenidae	<i>Scorpaena plumieri</i> Bloch, 1789	Marine-Estuary	CIUFPB 661, CIUFPB 2503	75, 156
Perciformes	Scorpaenidae	<i>Scorpaenodes caribbaeus</i> Meek & Hildebrand, 1928	Marine		156
Perciformes	Scorpaenidae	<i>Scorpaenodes tredecimspinosus</i> (Metzelaar, 1919)	Marine	CIUFPB 4040	75, 156
Labriformes	Labridae	<i>Bodianus brasiliensis</i> (Heiser, Moura & Robertson, 2000)	Marine		75
Labriformes	Labridae	<i>Bodianus pulchellus</i> (Poey, 1860)	Marine		156
Labriformes	Labridae	<i>Bodianus rufus</i> (Linnaeus, 1758)	Marine	CIUFPB 4365	156
Labriformes	Labridae	<i>Clepticus brasiliensis</i> Heiser, Moura & Robertson, 2000	Marine		156
Labriformes	Labridae	<i>Cryptotomus roseus</i> Cope, 1871	Marine	CIUFPB 1739	156
Labriformes	Labridae	<i>Doratonotus megalepis</i> Günther, 1862	Marine	CIUFPB 1876	156
Labriformes	Labridae	<i>Halichoeres bivittatus</i> (Bloch, 1791)	Marine	CIUFPB 14496	156
Labriformes	Labridae	<i>Halichoeres brasiliensis</i> (Bloch, 1791)	Marine	CIUFPB 19, CIUFPB 20	156
Labriformes	Labridae	<i>Halichoeres dimidiatus</i> (Agassiz, 1831)	Marine	CIUFPB 4325	156
Labriformes	Labridae	<i>Halichoeres penrosei</i> Starks, 1913	Marine	CIUFPB 162	156
Labriformes	Labridae	<i>Halichoeres poeyi</i> (Steindachner, 1867)	Marine	CIUFPB 283	156
Labriformes	Labridae	<i>Halichoeres radiatus</i> (Linnaeus, 1758)	Marine	CIUFPB 1541	156
Labriformes	Labridae	<i>Nicholsina usta</i> (Valenciennes, 1840)	Marine	CIUFPB 2815	75, 156
Labriformes	Labridae	<i>Scarus trispinosus</i> Valenciennes, 1840	Marine	CIUFPB 14538	156
Labriformes	Labridae	<i>Scarus zelindae</i> Moura, Figueiredo & Sazima, 2001	Marine	CIUFPB 388	156
Labriformes	Labridae	<i>Sparisoma amplum</i> (Ranzani, 1841)	Marine		156
Labriformes	Labridae	<i>Sparisoma axillare</i> (Steindachner, 1878)	Marine	CIUFPB 563, CIUFPB 1062	156
Labriformes	Labridae	<i>Sparisoma frondosum</i> (Agassiz, 1831)	Marine		156
Labriformes	Labridae	<i>Sparisoma radians</i> (Valenciennes, 1840)	Marine	CIUFPB 1548	156
Labriformes	Labridae	<i>Thalassoma noronhanum</i> (Boulenger, 1890)	Marine	CIUFPB 4301	156
Labriformes	Labridae	<i>Xyrichtys martinicensis</i> Valenciennes, 1840	Marine		156
Labriformes	Labridae	<i>Xyrichtys novacula</i> (Linnaeus, 1758)	Marine	CIUFPB 4581	75
Labriformes	Labridae	<i>Xyrichtys splendens</i> Castelnau, 1855	Marine	CIUFPB 1995	156
Labriformes	Uranoscopidae	<i>Astroscopus y-graecum</i> (Cuvier, 1829)	Marine	HVASF 8574	75
Centrarchiformes	Kyphosidae	<i>Kyphosus sectatrix</i> (Linnaeus, 1758)	Marine	CIUFPB 325	75, 156
Centrarchiformes	Cirrhitidae	<i>Amblycirrhitis pinos</i> (Mowbray, 1927)	Marine		75, 156
Acropomatiformes	Pempheridae	<i>Pempheris schomburgki</i> Müller & Troschel, 1848	Marine	CIUFPB 1730	75, 156
Acanthuriformes	Gerreidae	<i>Diapterus auratus</i> Ranzani, 1842	Marine-Estuary	CIUFPB 3099	75, 156
Acanthuriformes	Gerreidae	<i>Diapterus rhombeus</i> (Cuvier, 1829)	Marine-Estuary	CIUFPB 3179	75, 156
Acanthuriformes	Gerreidae	<i>Eucinostomus argenteus</i> Baird & Girard, 1855	Marine-Estuary	CIUFPB 3188	75, 156
Acanthuriformes	Gerreidae	<i>Eucinostomus gula</i> (Quoy & Gaimard, 1824)	Marine-Estuary	CIUFPB 4052	75, 156

TABLE S2 | (Continued)

Class/Order	Family	Species	Habitat	Voucher	Literature source
Acanthuriformes	Gerreidae	<i>Eucinostomus havana</i> (Nichols, 1912)	Marine-Estuary	CIUFPPB 5573	75
Acanthuriformes	Gerreidae	<i>Eucinostomus lefroyi</i> (Goode, 1874)	Marine	CIUFPPB 6006	75, 156
Acanthuriformes	Gerreidae	<i>Eucinostomus melanopterus</i> (Bleeker, 1863)	Marine-Estuary-Freshwater	CIUFPPB 9042, MNRJ 46268	75, 156
Acanthuriformes	Gerreidae	<i>Eugerres brasiliensis</i> (Cuvier, 1830)	Marine-Estuary	CIUFPPB 9584	75, 156
Acanthuriformes	Gerreidae	<i>Genyatremus luteus</i> (Bloch, 1790)	Marine-Estuary	CIUFPPB 11490	75
Acanthuriformes	Gerreidae	<i>Gerres cinereus</i> (Walbaum, 1792)	Marine-Estuary	CIUFPPB 4377	75, 156
Acanthuriformes	Gerreidae	<i>Eucinostomus jonesii</i> (Günther, 1879)	Marine		75, 156
Acanthuriformes	Ehippididae	<i>Chaetodipterus faber</i> (Broussonet, 1782)	Marine-Estuary	CIUFPPB 4627	75, 156
Acanthuriformes	Sciaenidae	<i>Bairdiella goeldi</i> Marceniuk, Molina, Caires, Rotundo, Wosiacki & Oliveira, 2019	Marine-Estuary	CIUFPPB 5444	75, 156
Acanthuriformes	Sciaenidae	<i>Ctenosciaena gracilicirrhus</i> (Metzelaar, 1919)	Marine	CIUFPPB 9862	
Acanthuriformes	Sciaenidae	<i>Cynoscion acoupa</i> (Lacepède, 1801)	Marine-Estuary	CIUFPPB 224	75, 156
Acanthuriformes	Sciaenidae	<i>Cynoscion jamaicensis</i> (Vaillant & Bocourt, 1883)	Marine-Estuary	CIUFPPB 441	75, 156
Acanthuriformes	Sciaenidae	<i>Cynoscion leiarchus</i> (Cuvier, 1830)	Marine-Estuary	CIUFPPB 839	75, 156
Acanthuriformes	Sciaenidae	<i>Cynoscion microlepidotus</i> (Cuvier, 1830)	Marine-Estuary	CIUFPPB 855	75, 156
Acanthuriformes	Sciaenidae	<i>Cynoscion virescens</i> (Cuvier, 1830)	Marine-Estuary	CIUFPPB 3075	75, 156
Acanthuriformes	Sciaenidae	<i>Eques lanceolatus</i> (Linnaeus, 1758)	Marine		75, 156
Acanthuriformes	Sciaenidae	<i>Isopisthus parvipinnis</i> (Cuvier, 1830)	Marine-Estuary	CIUFPPB 3085	75, 156
Acanthuriformes	Sciaenidae	<i>Larimus breviceps</i> Cuvier, 1830	Marine	CIUFPPB 3088, MNRJ 46252	75, 156
Acanthuriformes	Sciaenidae	<i>Macrodon ancylodon</i> (Bloch & Schneider, 1801)	Marine-Estuary	CIUFPPB 3201	75, 156
Acanthuriformes	Sciaenidae	<i>Menticirrhus cuiaranensis</i> Marceniuk, Caires, Rotundo, Cerqueira, Siccha-Ramirez, Wosiacki & Oliveira, 2020	Marine-Estuary	CIUFPPB 6009	75, 156
Acanthuriformes	Sciaenidae	<i>Menticirrhus martinicensis</i> (Cuvier, 1830)	Marine-Estuary	CIUFPPB 6569	75, 156
Acanthuriformes	Sciaenidae	<i>Micropogonias furnieri</i> (Desmarest, 1823)	Marine-Estuary	CIUFPPB 10386	75, 156
Acanthuriformes	Sciaenidae	<i>Nebria microps</i> Cuvier, 1830	Marine-Estuary	CIUFPPB 1897	75, 156
Acanthuriformes	Sciaenidae	<i>Odontoscion</i> aff. <i>dentex</i> (Cuvier, 1830)	Marine	CIUFPPB 1933	75, 156
Acanthuriformes	Sciaenidae	<i>Paralanchurus brasiliensis</i> (Steindachner, 1875)	Marine-Estuary	CIUFPPB 3067	75, 156
Acanthuriformes	Sciaenidae	<i>Pareques lineatus</i> (Cuvier, 1830)	Marine	CIUFPPB 3494	75, 156
Acanthuriformes	Sciaenidae	<i>Plagioscion squamosissimus</i> (Heckel, 1840)*	Freshwater	CIUFPPB 9983	21, 33, 168
Acanthuriformes	Sciaenidae	<i>Stellifer brasiliensis</i> (Schultz, 1945)	Marine-Estuary	CIUFPPB 10407	75, 156
Acanthuriformes	Sciaenidae	<i>Stellifer collettei</i> Chao, Carvalho-Filho & Andrade Santos, 2021	Marine-Estuary	CIUFPPB 15119	75, 156
Acanthuriformes	Sciaenidae	<i>Stellifer gomezi</i> (Cervigón, 2011)	Marine	CIUFPPB 3076	75, 156
Acanthuriformes	Sciaenidae	<i>Stellifer menezesi</i> Chao, Carvalho-Filho & Andrade Santos, 2021	Marine-Estuary	CIUFPPB 3228	75, 156
Acanthuriformes	Sciaenidae	<i>Stellifer musicki</i> Chao, Carvalho-Filho & Andrade Santos, 2021	Marine	CIUFPPB 5824	75, 156
Acanthuriformes	Sciaenidae	<i>Stellifer microps</i> (Steindachner, 1864)	Marine-Estuary	CIUFPPB 5866	75, 156
Acanthuriformes	Sciaenidae	<i>Stellifer naso</i> (Jordan, 1889)	Marine-Estuary	CIUFPPB 6558	75, 156
Acanthuriformes	Sciaenidae	<i>Stellifer punctatissimus</i> (Meek & Hildebrand, 1925)	Marine-Estuary	CIUFPPB 9875	75, 156
Acanthuriformes	Sciaenidae	<i>Stellifer rastrifer</i> (Jordan, 1889)	Marine-Estuary	CIUFPPB 13796	75, 156
Acanthuriformes	Sciaenidae	<i>Stellifer stellifer</i> (Bloch, 1790)	Marine-Estuary	CIUFPPB 15100, MNRJ 46250	75, 156
Acanthuriformes	Sciaenidae	<i>Umbrina coroides</i> Cuvier, 1830	Marine-Estuary	CIUFPPB 33	75, 156
Acanthuriformes	Haemulidae	<i>Anisotremus surinamensis</i> (Bloch, 1791)	Marine	CIUFPPB 1647	75, 156
Acanthuriformes	Haemulidae	<i>Anisotremus virginicus</i> (Linnaeus, 1758)	Marine	CIUFPPB 4504	75, 156
Acanthuriformes	Haemulidae	<i>Conodon nobilis</i> (Linnaeus, 1758)	Marine-Estuary	CIUFPPB 4555	75, 156
Acanthuriformes	Haemulidae	<i>Haemulon atlanticum</i> Carvalho, Marceniuk, Oliveira & Wosiacki, 2021	Marine	CIUFPPB 4912, MNRJ 49226	75, 156
Acanthuriformes	Haemulidae	<i>Haemulon aurolineatum</i> Cuvier, 1830	Marine	CIUFPPB 6173	75, 156
Acanthuriformes	Haemulidae	<i>Haemulon bonariense</i> Cuvier, 1830	Marine		156
Acanthuriformes	Haemulidae	<i>Haemulon melanurum</i> (Linnaeus, 1758)	Marine		75, 156

TABLE S2 | (Continued)

Class/Order	Family	Species	Habitat	Voucher	Literature source
Acanthuriformes	Haemulidae	<i>Haemulon parra</i> (Desmarest, 1823)	Marine	CIUFPPB 6593	75, 156
Acanthuriformes	Haemulidae	<i>Haemulon plumierii</i> (Lacepède, 1801)	Marine	CIUFPPB 25, CIUFPPB 73	75, 156
Acanthuriformes	Haemulidae	<i>Haemulon squamipinna</i> Rocha & Rosa, 1999	Marine	CIUFPPB 3364, MZUSP 051115	75, 156
Acanthuriformes	Haemulidae	<i>Haemulon striatum</i> (Linnaeus, 1758)	Marine		156
Acanthuriformes	Haemulidae	<i>Haemulopsis corvinaeformis</i> (Steindachner, 1868)	Marine-Estuary	CIUFPPB 3762	75, 156
Acanthuriformes	Haemulidae	<i>Orthopristis rubra</i> ? (Cuvier, 1830)	Marine-Estuary	CIUFPPB3218, CIUFPPB 4008, MNRJ 20062	
Acanthuriformes	Haemulidae	<i>Orthopristis scapularis</i> Fowler, 1915	Marine	CIUFPPB 8906	75, 156
Acanthuriformes	Haemulidae	<i>Paranisotremus moricandi</i> (Ranzani, 1842)	Marine	CIUFPPB 12193	75, 156
Acanthuriformes	Haemulidae	<i>Pomadasy ramosus</i> (Poey, 1860)	Marine-Estuary	CIUFPPB 3935	156
Acanthuriformes	Haemulidae	<i>Rhonciscus approximans</i> (Bean & Dresel, 1884)	Marine-Estuary-Freshwater		75
Acanthuriformes	Haemulidae	<i>Rhonciscus crocro</i> (Cuvier, 1830)	Marine-Estuary	CIUFPPB 9585	156
Acanthuriformes	Lobotidae	<i>Lobotes surinamensis</i> (Bloch, 1790)	Marine-Estuary	CIUFPPB 12468	75, 156
Acanthuriformes	Lutjanidae	<i>Lutjanus alexandrei</i> Moura & Lindeman, 2007	Marine	CIUFPPB 14671	75, 156
Acanthuriformes	Lutjanidae	<i>Lutjanus analis</i> (Cuvier, 1828)	Marine-Estuary	CIUFPPB 447, MNRJ 21219	75, 156
Acanthuriformes	Lutjanidae	<i>Lutjanus buccanella</i> (Cuvier, 1828)	Marine	CIUFPPB 4315, CIUFPPB 9000	75, 156
Acanthuriformes	Lutjanidae	<i>Lutjanus cyanopterus</i> (Cuvier, 1828)	Marine-Estuary	CIUFPPB 3940, MNRJ 46262	75, 156
Acanthuriformes	Lutjanidae	<i>Lutjanus jocu</i> (Bloch & Schneider, 1801)	Marine-Estuary	CIUFPPB 4955, CIUFPPB 4973, OBIS_BR 1560	75, 156
Acanthuriformes	Lutjanidae	<i>Lutjanus campechanus</i> (Poey, 1860)	Marine		75, 156
Acanthuriformes	Lutjanidae	<i>Lutjanus synagris</i> (Linnaeus, 1758)	Marine-Estuary	CIUFPPB 4314	75, 156
Acanthuriformes	Lutjanidae	<i>Lutjanus vivanus</i> (Cuvier, 1828)	Marine	CIUFPPB 5460	75, 156
Acanthuriformes	Lutjanidae	<i>Ocyurus chrysurus</i> (Bloch, 1791)	Marine	CIUFPPB 30, CIUFPPB 4364	75, 156
Acanthuriformes	Lutjanidae	<i>Rhomboplites aurorubens</i> (Cuvier, 1829)	Marine	CIUFPPB 4322	156
Acanthuriformes	Malacanthidae	<i>Malacanthus plumieri</i> (Bloch, 1786)	Marine	CIUFPPB 4366	75, 156
Acanthuriformes	Pomacanthidae	<i>Centropyge aurantonotus</i> Burgess, 1974	Marine	CIUFPPB 4012	75, 156
Acanthuriformes	Pomacanthidae	<i>Holacanthus ciliaris</i> (Linnaeus, 1758)	Marine	CIUFPPB 4283	75, 156
Acanthuriformes	Pomacanthidae	<i>Holacanthus tricolor</i> (Bloch, 1795)	Marine	CIUFPPB 14497	75, 156
Acanthuriformes	Pomacanthidae	<i>Pomacanthus arcuatus</i> (Linnaeus, 1758)	Marine		75, 156
Acanthuriformes	Pomacanthidae	<i>Pomacanthus paru</i> (Bloch, 1787)	Marine	CIUFPPB 638	75, 156
Acanthuriformes	Chaetodontidae	<i>Chaetodon ocellatus</i> Bloch, 1787	Marine	CIUFPPB 3355	75, 156
Acanthuriformes	Chaetodontidae	<i>Chaetodon sedentarius</i> Poey, 1860	Marine		75
Acanthuriformes	Chaetodontidae	<i>Chaetodon striatus</i> Linnaeus, 1758	Marine	CIUFPPB 4246	75, 156
Acanthuriformes	Acanthuridae	<i>Acanthurus bahianus</i> Castelnau, 1855	Marine	CIUFPPB 4689	75, 156
Acanthuriformes	Acanthuridae	<i>Acanthurus chirurgus</i> (Bloch, 1787)	Marine	CIUFPPB 4690	75, 156
Acanthuriformes	Acanthuridae	<i>Acanthurus coeruleus</i> Bloch & Schneider, 1801	Marine	CIUFPPB 4692	75, 156
Acanthuriformes	Sparidae	<i>Archosargus probatocephalus</i> (Walbaum, 1792)	Marine-Estuary	OBIS_BR 154	75
Acanthuriformes	Sparidae	<i>Archosargus rhomboidalis</i> (Linnaeus, 1758)	Marine-Estuary	CIUFPPB 6143	75, 156
Acanthuriformes	Sparidae	<i>Calamus calamus</i> (Valenciennes, 1830)	Marine		75, 156
Acanthuriformes	Sparidae	<i>Calamus penna</i> (Valenciennes, 1830)	Marine	CIUFPPB 9871	75, 156
Acanthuriformes	Sparidae	<i>Calamus pennatula</i> Guichenot, 1868	Marine	CIUFPPB 4323	75, 156
Acanthuriformes	Priacanthidae	<i>Heteropriacanthus cruentatus</i> (Lacepède, 1801)	Marine		75, 156
Acanthuriformes	Priacanthidae	<i>Priacanthus arenatus</i> Cuvier, 1829	Marine	CIUFPPB 195	75, 156
Acanthuriformes	Antigoniidae	<i>Antigonia capros</i> ? Lowe, 1843	Marine	CIUFPPB 9881	
Lophiiformes	Ogcocephalidae	<i>Ogcocephalus parvus</i> Longley & Hildebrand, 1940	Marine		75, 156
Lophiiformes	Ogcocephalidae	<i>Ogcocephalus vespertilio</i> (Linnaeus, 1758)	Marine-Estuary	CIUFPPB 10870, MZUSP 061857	75, 156

TABLE S2 | (Continued)

Class/Order	Family	Species	Habitat	Voucher	Literature source
Lophiiformes	Antennariidae	<i>Antennarius multiocellatus</i> (Valenciennes, 1837)	Marine	CIUFPB 2823	75, 156
Lophiiformes	Antennariidae	<i>Antennarius scaber</i> (Cuvier, 1817)	Marine		75
Lophiiformes	Antennariidae	<i>Antennarius striatus</i> (Shaw, 1794)	Marine	CIUFPB 4637	156
Lophiiformes	Antennariidae	<i>Histrio histrio</i> (Linnaeus, 1758)	Marine		75, 156
Tetraodontiformes	Molidae	<i>Mola mola</i> (Linnaeus, 1758)	Marine	CIUFPB 6074	75, 156
Tetraodontiformes	Diodontidae	<i>Chilomycterus antennatus</i> (Cuvier, 1816)	Marine		75, 156
Tetraodontiformes	Diodontidae	<i>Chilomycterus antillarum</i> (Jordan & Rutter, 1897)	Marine	CIUFPB 6543	75, 156
Tetraodontiformes	Diodontidae	<i>Chilomycterus spinosus</i> (Linnaeus, 1758)	Marine-Estuary	CIUFPB 10363	75, 156
Tetraodontiformes	Diodontidae	<i>Diodon holocanthus</i> (Linnaeus, 1758)	Marine-Estuary	CIUFPB 4037	75, 156
Tetraodontiformes	Diodontidae	<i>Diodon hystrix</i> (Linnaeus, 1758)	Marine-Estuary	CIUFPB 1174	75, 156
Tetraodontiformes	Tetraodontidae	<i>Canthigaster figueiredoi</i> (Moura & Castro, 2002)	Marine		75, 156
Tetraodontiformes	Tetraodontidae	<i>Sphoeroides psittacus</i> (Bloch & Schneider, 1801)	Marine-Estuary		75, 156
Tetraodontiformes	Tetraodontidae	<i>Lagocephalus laevis</i> (Linnaeus, 1766)	Marine-Estuary	CIUFPB 3730	75, 156
Tetraodontiformes	Tetraodontidae	<i>Sphoeroides camila</i> Carvalho-Filho, Rotundo, Pitassy & Sazima, 2023	Marine		75
Tetraodontiformes	Tetraodontidae	<i>Sphoeroides greeleyi</i> Gilbert, 1900	Marine-Estuary	CIUFPB 4498	75, 156
Tetraodontiformes	Tetraodontidae	<i>Sphoeroides pachygaster</i> (Muller & Troschel, 1848)	Marine	CIUFPB 9595	75, 156
Tetraodontiformes	Tetraodontidae	<i>Sphoeroides spengleri</i> (Bloch, 1785)	Marine-Estuary	CIUFPB 11557	156
Tetraodontiformes	Tetraodontidae	<i>Sphoeroides testudineus</i> (Linnaeus, 1758)	Marine-Estuary	CIUFPB 12294	75, 156
Tetraodontiformes	Tetraodontidae	<i>Sphoeroides tyleri</i> (Shipp, 1972)	Marine		75, 156
Tetraodontiformes	Ostraciidae	<i>Acanthostracion polygonius</i> (Poey, 1876)	Marine		75, 156
Tetraodontiformes	Ostraciidae	<i>Acanthostracion quadricornis</i> (Linnaeus, 1758)	Marine	CIUFPB 92	75, 156
Tetraodontiformes	Ostraciidae	<i>Lactophrys trigonus</i> (Linnaeus, 1758)	Marine		75, 156
Tetraodontiformes	Monacanthidae	<i>Aluterus heudelotii</i> (Hollard, 1855)	Marine	CIUFPB 694	75, 156
Tetraodontiformes	Monacanthidae	<i>Aluterus monoceros</i> (Linnaeus, 1758)	Marine	CIUFPB 3143, CIUFPB 3144	75, 156
Tetraodontiformes	Monacanthidae	<i>Aluterus schoepfi</i> (Walbaum, 1792)	Marine	CIUFPB 5653	156
Tetraodontiformes	Monacanthidae	<i>Aluterus scriptus</i> (Osbeck, 1765)	Marine		75, 156
Tetraodontiformes	Monacanthidae	<i>Cantherhines macrocerus</i> (Hollard, 1853)	Marine	CIUFPB 4514	75, 156
Tetraodontiformes	Monacanthidae	<i>Cantherhines pullus</i> (Ranzani, 1842)	Marine	CIUFPB 4282	75, 156
Tetraodontiformes	Monacanthidae	<i>Monacanthus ciliatus</i> (Mitchill, 1818)	Marine	CIUFPB 1807	75, 156
Tetraodontiformes	Monacanthidae	<i>Stephanolepis hispidus</i> (Linnaeus, 1766)	Marine	CIUFPB 14500	75, 156
Tetraodontiformes	Monacanthidae	<i>Stephanolepis setifer</i> (Bennett, 1831)	Marine		75, 156
Tetraodontiformes	Balistidae	<i>Balistes caprisus</i> (Gmelin, 1789)	Marine	CIUFPB 6128	75, 156
Tetraodontiformes	Balistidae	<i>Balistes vetula</i> (Linnaeus, 1758)	Marine	CIUFPB 158, MZUSP 049074	75, 156
Tetraodontiformes	Balistidae	<i>Canthidermis sufflamen</i> (Mitchill, 1815)	Marine		75, 156
Tetraodontiformes	Balistidae	<i>Melichthys niger</i> (Bloch, 1786)	Marine	CIUFPB 1523	75, 156
Tetraodontiformes	Balistidae	<i>Xanthichthys ringens</i> (Linnaeus, 1758)	Marine	CIUFPB 1522	75, 156

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