

TABLE S1 | Voucher numbers of species deposited in scientific collections of fish. The abbreviation NP (not provided) was applied when the data in which specimen was collected was not provided. LIRP, Laboratório de Ictiologia de Ribeirão Preto, Faculdade de Filosofia, Letras e Ciências Humanas, Universidade de São Paulo, Ribeirão Preto; MCP, Museu de Ciências e Tecnologia, Pontifícia Universidade Católica do Rio Grande do Sul, Porto Alegre; MNRJ, Museu Nacional, Universidade Federal do Rio de Janeiro, Rio de Janeiro; NPM, Núcleo em Ecologia e Desenvolvimento Sócio-Ambiental (NUPEM), Universidade Federal do Rio de Janeiro, Macaé; MZFS, Museu de Zoologia da Universidade Estadual de Feira de Santana, Feira de Santana; MZUSP, Museu de Zoologia da Universidade de São Paulo, São Paulo.

| Species | Voucher number | Date |
|---|---|------------|
| <i>Achirus lineatus</i> (Linnaeus, 1758) | MNRJ | |
| | br:MN:MNRJ:8352 | 1944 |
| | br:MN:MNRJ:9625 | 29/10/1955 |
| | br:MN:MNRJ:9630 | 29/08/1954 |
| <i>Aetobatus narinari</i> (Euphrasen, 1790) | MNRJ | |
| | br:MN:MNRJ:8961 | 09/01/1957 |
| <i>Aluterus heudelotii</i> Hollard, 1855 | MZUSP | |
| | IctiologyMZUSP:094704 | NP |
| <i>Aluterus schoepfii</i> (Walbaum, 1792) | MZUSP | |
| | IctiologyMZUSP:094706 | NP |
| | IctiologyMZUSP:094707 | NP |
| <i>Anchoa filifera</i> (Fowler, 1915) | MNRJ | |
| | br:MN:MNRJ:6529 | 31/05/1995 |
| | br:MN:MNRJ:6582 | 01/06/1995 |
| | br:MN:MNRJ:6631 | 01/06/1995 |
| <i>Anchoa januaria</i> (Steindachner, 1879) | MNRJ | |
| | br:MN:MNRJ:11123 | 17/04/1983 |
| <i>Anchoa lyolepis</i> (Evermann & Marsh, 1900) | MNRJ | |
| | br:MN:MNRJ:6641 | 23/01/1995 |
| | br:MN:MNRJ:11087 | 22/05/1978 |
| | br:MN:MNRJ:11088 | 05/06/1978 |
| | br:MN:MNRJ:11089 | 26/06/1978 |
| | br:MN:MNRJ:11090 | 03/07/1978 |
| | br:MN:MNRJ:11091 | 13/07/1978 |
| | br:MN:MNRJ:11092 | 04/10/1978 |
| | br:MN:MNRJ:11093 | 07/11/1978 |
| | br:MN:MNRJ:11094 | 20/11/1978 |
| | <i>Anchoa tricolor</i> (Spix & Agassiz, 1829) | MNRJ |
| br:MN:MNRJ:6587 | | 04/01/1944 |
| br:MN:MNRJ:6632 | | 19/01/1944 |
| br:MN:MNRJ:6640 | | 23/01/1995 |
| br:MN:MNRJ:11113 | | 11/05/1977 |
| br:MN:MNRJ:11114 | | 17/05/1977 |
| br:MN:MNRJ:11115 | | 25/05/1977 |



TABLE S1 | (Continued)

| Species | Voucher number | Date |
|--|------------------|------------|
| | br:MN:MNRJ:11116 | 26/06/1978 |
| | br:MN:MNRJ:11121 | 17/04/1983 |
| | NPM | |
| | NPM 6649 | 24/01/2007 |
| <i>Archosargus rhomboidalis</i> (Linnaeus, 1758) | MNRJ | |
| | br:MN:MNRJ:9612 | 01/10/1955 |
| | br:MN:MNRJ:6716 | 23/03/1944 |
| | br:MN:MNRJ:8333 | 1944 |
| | MZFS | |
| | MZFS 788 | 10/11/1993 |
| <i>Aspistor luniscutis</i> (Valenciennes, 1840) | MNRJ | |
| | br:MN:MNRJ:19029 | 05/04/1962 |
| | br:MN:MNRJ:20096 | April/1944 |
| <i>Astroscopus ygraecum</i> (Cuvier, 1829) | MNRJ | |
| | br:MN:MNRJ:17971 | June/1998 |
| <i>Atherinella brasiliensis</i> (Quoy & Gaimard, 1825) | MNRJ | |
| | br:MN:MNRJ:6648 | 23/01/1995 |
| | br:MN:MNRJ:8345 | 15/02/1944 |
| <i>Bagre bagre</i> (Linnaeus, 1766) | MNRJ | |
| | br:MN:MNRJ:881 | NP |
| <i>Bairdiella ronchus</i> (Cuvier, 1830) | MNRJ | |
| | br:MN:MNRJ:8337 | 1944 |
| | NPM | |
| | NPM 6645 | 2005 |
| <i>Bathygobius soporator</i> (Valenciennes, 1837) | MNRJ | |
| | br:MN:MNRJ:9624 | 23/04/1961 |
| | br:MN:MNRJ:8355 | 1944 |
| <i>Boridia grossidens</i> Cuvier, 1830 | NPM | |
| | NPM 4709 | 08/03/2006 |
| <i>Bothus ocellatus</i> (Agassiz, 1831) | NPM | |
| | NPM 6701 | 10/01/2007 |
| <i>Bothus robinsi</i> Topp & Hoff, 1972 | NPM | |
| | NPM 6728 | 27/02/2006 |
| | NPM 6657 | 22/03/2006 |
| | NPM 6646 | 07/03/2007 |
| <i>Brevoortia aurea</i> (Spix & Agassiz, 1829) | NPM | |
| | NPM 3039 | 08/05/2015 |
| <i>Calamus penna</i> (Valenciennes, 1830) | MNRJ | |
| | br:MN:MNRJ:6727 | 25/02/1944 |
| | NPM | |
| | NPM 6698 | 2006 |



TABLE S1 | (Continued)

| Species | Voucher number | Date |
|---|-----------------------|------------|
| <i>Caranx crysos</i> (Mitchill, 1815) | MNRJ | |
| | br:MN:MNRJ:2929 | NP |
| <i>Caranx latus</i> Agassiz, 1831 | MNRJ | |
| | br:MN:MNRJ:8363 | 1944 |
| <i>Carcharhinus brachyurus</i> (Günther, 1870) | MNRJ | |
| | br:MN:MNRJ:3785 | NP |
| <i>Cathorops spixii</i> (Agassiz, 1829) | MNRJ | |
| | br:MN:MNRJ:8343 | April/1944 |
| | NPM | |
| | NPM 4710 | 24/11/2005 |
| <i>Centropomus parallelus</i> Poey, 1860 | MNRJ | |
| | br:MN:MNRJ:19227 | 13/01/1999 |
| <i>Centropomus undecimalis</i> (Bloch, 1792) | MNRJ | |
| | br:MN:MNRJ:19226 | 13/01/1999 |
| <i>Cetengraulis edentulus</i> (Cuvier, 1829) | MNRJ | |
| | br:MN:MNRJ:6581 | 04/01/1944 |
| | br:MN:MNRJ:8359 | 1944 |
| | br:MN:MNRJ:11124 | 28/07/1977 |
| | br:MN:MNRJ:11125 | 17/04/1983 |
| | MZFS | |
| | MZFS 141 | 22/02/1989 |
| <i>Chaetodipterus faber</i> (Broussonet, 1782) | NPM | |
| | NPM 4711 | 21/06/2006 |
| <i>Chilomycterus reticulatus</i> (Linnaeus, 1758) | MZUSP | |
| | IctiologyMZUSP:094712 | NP |
| <i>Chilomycterus spinosus</i> (Linnaeus, 1758) | MNRJ | |
| | br:MN:MNRJ:1375 | NP |
| | br:MN:MNRJ:6654 | 23/01/1995 |
| | br:MN:MNRJ:8350 | 1944 |
| | br:MN:MNRJ:9269 | 09/02/1945 |
| | br:MN:MNRJ:9270 | 26/07/1945 |
| | br:MN:MNRJ:9270 | NP |
| | MZUSP | |
| | IctiologyMZUSP:094710 | NP |
| IctiologyMZUSP:094711 | NP | |
| <i>Chloroscombrus chrysurus</i> (Linnaeus, 1766) | NPM | |
| | NPM 4757 | 01/05/1998 |
| | NPM 4752 | 01/01/2005 |
| <i>Citharichthys arenaceus</i> Evermann & Marsh, 1900 | NPM | |
| | NPM 6697 | 28/09/2005 |
| <i>Citharichthys macrops</i> Dresel, 1885 | MZUSP | |



TABLE S1 | (Continued)

| Species | Voucher number | Date |
|---|-----------------------|------------|
| | IctiologyMZUSP:091681 | NP |
| | IctiologyMZUSP:091682 | NP |
| <i>Citharichthys spilopterus</i> Günther, 1862 | MNRJ | |
| | br:MN:MNRJ:6683 | 28/01/1944 |
| | NPM | |
| | NPM 6696 | 26/10/2005 |
| <i>Ctenosciaena gracilicirrhus</i> (Metzelaar, 1919) | MZUSP | |
| | IctiologyMZUSP:123126 | NP |
| | IctiologyMZUSP:123125 | NP |
| | NPM | |
| | NPM 6708 | 14/06/2007 |
| | NPM 6724 | 2005 |
| | NPM 6726 | 06/09/2006 |
| | MCP | |
| | MCP-Peixes 000007541 | 15/04/1983 |
| <i>Cynoscion acoupa</i> (Lacepède, 1801) | NPM | |
| | NPM 4751 | 17/08/2006 |
| | NPM 6719 | 21/12/2006 |
| <i>Cynoscion guatucupa</i> (Cuvier, 1830) | NPM | |
| | NPM 6722 | 2005 |
| <i>Cynoscion jamaicensis</i> (Vaillant & Bocourt, 1883) | MZUSP | |
| | IctiologyMZUSP:116252 | NP |
| | IctiologyMZUSP:122952 | NP |
| | IctiologyMZUSP:122971 | NP |
| | IctiologyMZUSP:122985 | NP |
| | IctiologyMZUSP:122986 | NP |
| | IctiologyMZUSP:123002 | NP |
| | IctiologyMZUSP:123003 | NP |
| | IctiologyMZUSP:123004 | NP |
| <i>Cynoscion leiarchus</i> (Cuvier, 1830) | MZUSP | |
| | IctiologyMZUSP:122874 | NP |
| | IctiologyMZUSP:122875 | NP |
| | NPM | |
| | NPM 6718 | 18/10/2006 |
| <i>Dactylopterus volitans</i> (Linnaeus, 1758) | MNRJ | |
| | br:MN:MNRJ:6729 | 25/02/1944 |
| | br:MN:MNRJ:13581 | 10/06/1994 |
| | br:MN:MNRJ:14267 | 11/06/1994 |
| | br:MN:MNRJ:9274 | 1945 |
| | NPM | |
| | NPM 4707 | 22/03/2006 |



TABLE S1 | (Continued)

| Species | Voucher number | Date |
|--|------------------|---------------|
| | MZFS | |
| | MZFS 984 | 22/60/1994 |
| | MZFS 983 | 13/05/1993 |
| | MZFS 142 | 22/02/1989 |
| <i>Dasyatis hypostigma</i> Santos & Carvalho, 2004 | LIRP | |
| | LIRP 5076 | 27/04/1993 |
| <i>Diapterus auratus</i> Ranzani, 1842 | MNRJ | |
| | br:MN:MNRJ:6717 | 23/03/1944 |
| | MZFS | |
| | MZFS 144 | 22/02/1989 |
| <i>Diapterus rhombeus</i> (Cuvier, 1829) | MNRJ | |
| | br:MN:MNRJ:10447 | 11/11/1975 |
| | br:MN:MNRJ:10861 | 04/02/1984 |
| | br:MN:MNRJ:10871 | February/1983 |
| | NPM | |
| | NPM 4720 | 2006 |
| | NPM 4735 | 22/02/2006 |
| <i>Diodon hystrix</i> Linnaeus, 1758 | MNRJ | |
| | br:MN:MNRJ:9564 | 06/09/1956 |
| | br:MN:MNRJ:9565 | 02/06/1954 |
| <i>Diplectrum formosum</i> (Linnaeus, 1766) | MNRJ | |
| | br:MN:MNRJ:12469 | 04/07/1992 |
| | br:MN:MNRJ:12470 | 30/10/1990 |
| | br:MN:MNRJ:12471 | 07/11/1990 |
| | br:MN:MNRJ:12472 | 04/04/1991 |
| | br:MN:MNRJ:12473 | 08/10/1991 |
| | br:MN:MNRJ:12474 | 28/01/1992 |
| | br:MN:MNRJ:12475 | 29/01/1992 |
| | br:MN:MNRJ:12476 | 06/02/1992 |
| | br:MN:MNRJ:12477 | 30/07/1992 |
| | br:MN:MNRJ:12478 | 07/12/1992 |
| | br:MN:MNRJ:6647 | 23/01/1995 |
| | br:MN:MNRJ:6676 | 28/01/1944 |
| | br:MN:MNRJ:9613 | 01/10/1955 |
| | NPM | |
| | NPM 4728 | 17/03/2006 |
| | NPM 4727 | 04/07/2006 |
| | NPM 4715 | 20/07/2006 |
| | NPM 4723 | 07/08/2006 |
| | NPM 6658 | 07/08/2006 |
| <i>Diplectrum radiale</i> (Quoy & Gaimard, 1824) | MNRJ | |
| | br:MN:MNRJ:12452 | 20/06/1990 |



TABLE S1 | (Continued)

| Species | Voucher number | Date |
|--|------------------|------------|
| | br:MN:MNRJ:12453 | 04/07/1990 |
| | br:MN:MNRJ:12454 | 20/07/1990 |
| | br:MN:MNRJ:12455 | 18/10/1990 |
| | br:MN:MNRJ:12456 | 07/11/1990 |
| | br:MN:MNRJ:12457 | 04/04/1991 |
| | br:MN:MNRJ:12458 | 11/07/1991 |
| | br:MN:MNRJ:12459 | 08/10/1991 |
| | br:MN:MNRJ:12460 | 06/05/1992 |
| | br:MN:MNRJ:12461 | 23/07/1992 |
| | br:MN:MNRJ:12462 | 24/07/1992 |
| | br:MN:MNRJ:12463 | 30/07/1992 |
| | br:MN:MNRJ:12464 | 17/08/1992 |
| | br:MN:MNRJ:12465 | 10/12/1992 |
| | br:MN:MNRJ:12466 | 14/12/1992 |
| | br:MN:MNRJ:12467 | 05/04/1993 |
| | br:MN:MNRJ:12468 | 06/04/1993 |
| | br:MN:MNRJ:6675 | 28/01/1944 |
| | br:MN:MNRJ:8336 | 15/02/1944 |
| | br:MN:MNRJ:22154 | 02/12/1998 |
| | NPM | |
| | NPM 4729 | 2006 |
| | NPM 4743 | 03/05/2006 |
| | NPM 4748 | 17/05/2006 |
| | NPM 6654 | 17/05/2006 |
| | NPM 4738 | 17/05/2006 |
| | NPM 6707 | 04/05/2006 |
| | MZFS | |
| | MZFS 629 | 10/11/1993 |
| | MZFS 630 | 17/11/1993 |
| <i>Diplodus argenteus</i> (Valenciennes, 1830) | MNRJ | |
| | br:MN:MNRJ:6646 | 23/01/1995 |
| <i>Dules auriga</i> Cuvier, 1829 | MNRJ | |
| | br:MN:MNRJ:2102 | NP |
| | br:MN:MNRJ:2979 | NP |
| | br:MN:MNRJ:6677 | 28/01/1944 |
| | br:MN:MNRJ:8358 | 1944 |
| | MZFS | |
| | MZFS 626 | 17/11/1993 |
| <i>Echeneis naucrates</i> Linnaeus, 1758 | NPM | |
| | NPM 6672 | 2005 |



TABLE S1 | (Continued)

| Species | Voucher number | Date |
|--|------------------|---------------|
| | NPM 6673 | 21/09/2011 |
| <i>Elops saurus</i> Linnaeus, 1766 | MNRJ | |
| | br:MN:MNRJ:3647 | NP |
| | br:MN:MNRJ:6709 | 1944 |
| <i>Engraulis anchoita</i> Hubbs & Marini, 1935 | MNRJ | |
| | br:MN:MNRJ:11083 | 25/05/1977 |
| <i>Epinephelus marginatus</i> (Lowe, 1834) | MNRJ | |
| | br:MN:MNRJ:12479 | 18/04/1991 |
| | br:MN:MNRJ:12480 | 21/05/1991 |
| | br:MN:MNRJ:10383 | 19/08/1913 |
| | br:MN:MNRJ:19169 | NP |
| | br:MN:MNRJ:9583 | 25/02/1956 |
| <i>Epinephelus morio</i> (Valenciennes, 1828) | MNRJ | |
| | br:MN:MNRJ:6657 | 23/01/1944 |
| <i>Etropus crossotus</i> Jordan & Gilbert, 1882 | MNRJ | |
| | br:MN:MNRJ:8353 | 1944 |
| <i>Eucinostomus argenteus</i> Baird & Girard, 1855 | MNRJ | |
| | br:MN:MNRJ:9615 | 25/11/1956 |
| | br:MN:MNRJ:10860 | 04/09/1982 |
| | br:MN:MNRJ:10864 | 25/02/1956 |
| | br:MN:MNRJ:10870 | February/1983 |
| | MZFS | |
| | MZFS 734 | 27/04/1994 |
| <i>Eucinostomus gula</i> (Quoy & Gaimard, 1824) | NPM | |
| | NPM 4708 | 2006 |
| | NPM 4726 | 06/09/2006 |
| | MZFS | |
| | MZFS 733 | 27/04/1994 |
| <i>Eucinostomus lefroyi</i> (Goode, 1874) | MNRJ | |
| | br:MN:MNRJ:22153 | 02/12/1998 |
| <i>Fistularia tabacaria</i> Linnaeus, 1758 | MNRJ | |
| | br:MN:MNRJ:3050 | NP |
| <i>Galeocerdo cuvier</i> (Perón & Lesueur, 1822) | MNRJ | |
| | br:MN:MNRJ:53604 | 22/06/2022 |
| <i>Genidens barbatus</i> (Lacepède, 1803) | MNRJ | |
| | br:MN:MNRJ:17468 | 26/07/1989 |
| | br:MN:MNRJ:24783 | 15/03/2003 |
| | NPM | |
| | NPM 4721 | 27/01/2006 |
| <i>Genidens genidens</i> (Cuvier, 1829) | MNRJ | |
| | br:MN:MNRJ:697 | NP |



TABLE S1 | (Continued)

| Species | Voucher number | Date |
|--|-----------------------|------------|
| | br:MN:MNRJ:879 | NP |
| | br:MN:MNRJ:9632 | 29/10/1955 |
| | br:MN:MNRJ:8342 | 21/02/1944 |
| | br:MN:MNRJ:9555 | NP |
| | br:MN:MNRJ:9556 | 1962 |
| | br:MN:MNRJ:17347 | 04/09/1982 |
| | br:MN:MNRJ:17463 | 26/07/1989 |
| | br:MN:MNRJ:19028 | 05/04/1962 |
| | br:MN:MNRJ:29793 | 22/09/2002 |
| | MZUSP | |
| | IctiologyMZUSP:022214 | NP |
| <i>Gobiesox strumosus</i> Cope, 1870 | MNRJ | |
| | br:MN:MNRJ:9570 | 17/09/1955 |
| | br:MN:MNRJ:11359 | NP |
| <i>Gobionellus oceanicus</i> (Pallas, 1770) | MNRJ | |
| | br:MN:MNRJ:6653 | 23/01/1995 |
| | NPM | |
| | NPM 6705 | 03/05/2007 |
| | NPM 6699 | 05/10/2006 |
| <i>Gymnothorax ocellatus</i> Agassiz, 1831 | MNRJ | |
| | br:MN:MNRJ:28926 | 27/08/1985 |
| | br:MN:MNRJ:1660 | 28/12/1889 |
| <i>Gymnura altavela</i> (Linnaeus, 1758) | MNRJ | |
| | br:MN:MNRJ:15464 | 17/09/1955 |
| <i>Haemulon steindachneri</i> (Jordan & Gilbert, 1882) | MNRJ | |
| | br:MN:MNRJ:8334 | 22/02/1944 |
| <i>Haemulopsis corvinaeformis</i> (Steindachner, 1868) | MZFS | |
| | MZFS 636 | 17/11/1993 |
| <i>Harengula clupeiola</i> (Cuvier, 1829) | MNRJ | |
| | br:MN:MNRJ:31268 | 16/01/2007 |
| | br:MN:MNRJ:1838 | NP |
| | NPM | |
| | NPM 4756 | 16/05/2007 |
| <i>Hemiramphus brasiliensis</i> (Linnaeus, 1758) | MNRJ | |
| | br:MN:MNRJ:1341 | NP |
| <i>Hippocampus erectus</i> Perry, 1810 | MNRJ | |
| | br:MN:MNRJ:1542 | NP |
| | br:MN:MNRJ:9593 | 21/04/1953 |
| <i>Holocentrus adscensionis</i> (Osbeck, 1765) | NPM | |
| | NPM 6670 | 22/07/2007 |
| <i>Hypanus guttatus</i> (Bloch & Schneider, 1801) | MNRJ | |



TABLE S1 | (Continued)

| Species | Voucher number | Date |
|--|-----------------------|------------|
| | br:MN:MNRJ:8367 | 1944 |
| <i>Hypleurochilus fissicornis</i> (Quoy & Gaimard, 1824) | MNRJ | |
| | br:MN:MNRJ:9623 | 23/04/1961 |
| <i>Hyporhamphus unifasciatus</i> (Ranzani, 1841) | MNRJ | |
| | br:MN:MNRJ:6725 | 25/02/1944 |
| | br:MN:MNRJ:8331 | 15/02/1944 |
| | br:MN:MNRJ:8332 | 1944 |
| <i>Lagocephalus laevigatus</i> (Linnaeus, 1766) | MNRJ | |
| | br:MN:MNRJ:8349 | 1944 |
| | MZUSP | |
| | IctiologyMZUSP:094714 | NP |
| <i>Larimus breviceps</i> Cuvier, 1830 | MZUSP | |
| | IctiologyMZUSP:116250 | NP |
| | NPM | |
| | NPM 4740 | 07/08/2006 |
| | NPM 4739 | 16/05/2007 |
| | NPM 6721 | 2005 |
| <i>Menticirrhus americanus</i> (Linnaeus, 1758) | MNRJ | |
| | br:MN:MNRJ:8338 | 15/02/1944 |
| | NPM | |
| | NPM 4753 | 19/07/2006 |
| | NPM 6712 | 16/05/2007 |
| | NPM 6655 | 07/03/2007 |
| | NPM 6720 | 20/09/2006 |
| | NPM 6714 | 07/03/2007 |
| | MCP | |
| | MCP-Peixes 000002881 | 15/04/1982 |
| <i>Menticirrhus littoralis</i> (Holbrook, 1847) | NPM | |
| | NPM 6713 | 2005 |
| <i>Microgobius carri</i> Fowler, 1945 | MNRJ | |
| | br:MN:MNRJ:9627 | 29/10/1955 |
| <i>Micropogonias furnieri</i> (Desmarest, 1823) | MNRJ | |
| | br:MN:MNRJ:6678 | 28/01/1944 |
| | br:MN:MNRJ:8356 | 1944 |
| | br:MN:MNRJ:9078 | NP |
| | br:MN:MNRJ:19228 | 23/02/1999 |
| | br:MN:MNRJ:22152 | 02/12/1998 |
| | MZUSP | |
| | IctiologyMZUSP:123193 | NP |
| | IctiologyMZUSP:123236 | NP |
| | IctiologyMZUSP:123375 | NP |



TABLE S1 | (Continued)

| Species | Voucher number | Date |
|---|-----------------------|----------------|
| | IctiologyMZUSP:116243 | NP |
| | NPM | |
| | NPM 4713 | 25/01/2006 |
| | MCP | |
| | MPC-Peixes 000004555 | 15/04/1982 |
| | MPC-Peixes 000004117 | 15/04/1983 |
| <i>Mugil brevisrostris</i> (Miranda Ribeiro, 1915) | MNRJ | |
| | br:MN:MNRJ:2977 | NP |
| <i>Mugil curema</i> Valenciennes, 1836 | MNRJ | |
| | br:MN:MNRJ:3134 | 17/07/1913 |
| | br:MN:MNRJ:19222 | 27/01/1999 |
| | br:MN:MNRJ:19223 | 23/02/1999 |
| | br:MN:MNRJ:19225 | 13/01/1999 |
| | NPM | |
| | NPM 6671 | 13/06/2007 |
| <i>Mugil curvidens</i> Valenciennes, 1836 | MNRJ | |
| | br:MN:MNRJ:8348 | 1944 |
| <i>Mugil liza</i> Valenciennes, 1836 | MNRJ | |
| | br:MN:MNRJ:3659 | NP |
| | br:MN:MNRJ:19221 | 13/01/1999 |
| | MZUSP | |
| | IctiologyMZUSP:002841 | NP |
| <i>Mullus argentinae</i> Hubbs & Marini, 1933 | MNRJ | |
| | br:MN:MNRJ:11332 | 17/07/1913 |
| | NPM | |
| | NPM 4733 | 2005/2006 |
| | NPM 6678 | 2005 |
| | NPM 6677 | 2005 |
| <i>Mycteroperca acutirostris</i> (Valenciennes, 1828) | MNRJ | |
| | br:MN:MNRJ:12481 | 18/04/1991 |
| | br:MN:MNRJ:12482 | 29/01/1993 |
| | br:MN:MNRJ:6655 | 23/01/1944 |
| | br:MN:MNRJ:10478 | September/1963 |
| | br:MN:MNRJ:20000 | June/1981 |
| | MZUSP | |
| | IctiologyMZUSP:071038 | NP |
| | MZFS | |
| | MZFS 134 | 12/02/1989 |
| <i>Myrichthys ocellatus</i> (Lesueur, 1825) | MNRJ | |
| | br:MN:MNRJ:28925 | 29/05/1964 |
| <i>Narcine brasiliensis</i> (Olfers, 1831) | MNRJ | |
| | br:MN:MNRJ:553 | NP |



TABLE S1 | (Continued)

| Species | Voucher number | Date |
|---|-----------------------|------------|
| | br:MN:MNRJ:3598 | 1938 |
| <i>Nebris microps</i> Cuvier, 1830 | NPM | |
| | NPM 4734 | 27/06/2007 |
| <i>Ogcocephalus vespertilio</i> (Linnaeus, 1758) | MNRJ | |
| | br:MN:MNRJ:9743 | NP |
| | br:MN:MNRJ:25657 | 13/02/1987 |
| <i>Oligoplites saurus</i> (Bloch & Schneider, 1801) | MNRJ | |
| | br:MN:MNRJ:9582 | 17/09/1955 |
| | NPM | |
| | NPM 4749 | 18/10/2006 |
| <i>Ophichthus gomesii</i> (Castelnau, 1855) | MNRJ | |
| | br:MN:MNRJ:6642 | 23/01/1995 |
| | br:MN:MNRJ:9530 | 27/09/1956 |
| | br:MN:MNRJ:24555 | 21/04/2002 |
| | MZUSP | |
| | IctiologyMZUSP:016566 | NP |
| | NPM | |
| | NPM 4717 | 19/07/2006 |
| <i>Opisthonema oglinum</i> (Lesueur, 1818) | MZFS | |
| | MZFS 139 | 22/02/1989 |
| <i>Orthopristis rubra</i> (Cuvier, 1830) | MNRJ | |
| | br:MN:MNRJ:9584 | 29/10/1955 |
| | br:MN:MNRJ:9585 | 01/10/1955 |
| | br:MN:MNRJ:6645 | 23/01/1995 |
| | br:MN:MNRJ:6679 | 28/01/1944 |
| | br:MN:MNRJ:12528 | 13/06/1990 |
| | br:MN:MNRJ:13585 | 20/06/1990 |
| | br:MN:MNRJ:13586 | 04/07/1990 |
| | br:MN:MNRJ:13587 | 27/07/1990 |
| | br:MN:MNRJ:13588 | 18/10/1990 |
| | br:MN:MNRJ:13589 | 30/10/1990 |
| | br:MN:MNRJ:13590 | 18/04/1991 |
| | br:MN:MNRJ:13591 | 21/05/1991 |
| | br:MN:MNRJ:8335 | 22/02/1944 |
| | MZUSP | |
| | IctiologyMZUSP:068086 | NP |
| | MZFS | |
| | MZFS 136 | 12/02/1989 |
| | MZFS 730 | 27/04/1994 |
| <i>Parablennius pilicornis</i> (Cuvier, 1829) | MNRJ | |



TABLE S1 | (Continued)

| Species | Voucher number | Date |
|--|-----------------------|------------|
| | br:MN:MNRJ:1448 | 1915 |
| | br:MN:MNRJ:8811 | 1915 |
| | br:MN:MNRJ:8812 | 1915 |
| | br:MN:MNRJ:8813 | 1915 |
| | br:MN:MNRJ:8814 | 1915 |
| | br:MN:MNRJ:8815 | 1915 |
| <i>Paralonchurus brasiliensis</i> (Steindachner, 1875) | NPM | |
| | NPM 6716 | 22/02/2007 |
| <i>Peprilus paru</i> (Linnaeus, 1758) | MNRJ | |
| | br:MN:MNRJ:6682 | 28/01/1944 |
| | br:MN:MNRJ:8351 | 1944 |
| | MZUSP | |
| | IctiologyMZUSP:067609 | NP |
| <i>Pogonias cromis</i> (Linnaeus, 1766) | MZUSP | |
| | IctiologyMZUSP:123169 | NP |
| | IctiologyMZUSP:123171 | NP |
| | IctiologyMZUSP:123172 | NP |
| | IctiologyMZUSP:123173 | NP |
| | IctiologyMZUSP:123174 | NP |
| | NPM | |
| | NPM 6706 | 2005 |
| | NPM 6717 | 18/10/2006 |
| <i>Pomatomus saltatrix</i> (Linnaeus, 1766) | MNRJ | |
| | br:MN:MNRJ:19229 | 23/02/1999 |
| | br:MN:MNRJ:19230 | 27/01/1999 |
| | MZUSP | |
| | IctiologyMZUSP:108184 | NP |
| | MZFS | |
| | MZFS 506 | 29/08/1988 |
| <i>Porichthys porosissimus</i> (Cuvier, 1829) | MNRJ | |
| | br:MN:MNRJ:6688 | 28/01/1944 |
| | br:MN:MNRJ:8354 | 1944 |
| | br:MN:MNRJ:15583 | 27/09/1978 |
| | NPM | |
| | NPM 4712 | 2006 |
| | NPM 6661 | 2005 |
| <i>Priacanthus arenatus</i> Cuvier, 1829 | MZFS | |
| | MZFS 732 | 27/04/1994 |
| <i>Prionotus punctatus</i> (Bloch, 1793) | MNRJ | |
| | br:MN:MNRJ:6687 | 28/01/1944 |
| | br:MN:MNRJ:6720 | 22/02/1944 |
| | br:MN:MNRJ:6728 | 25/02/1944 |



TABLE S1 | (Continued)

| Species | Voucher number | Date |
|---|------------------|----------------|
| | br:MN:MNRJ:8347 | 10/06/1944 |
| | br:MN:MNRJ:5592 | NP |
| | br:MN:MNRJ:9575 | 29/10/1955 |
| | br:MN:MNRJ:13582 | 29/05/1994 |
| | br:MN:MNRJ:13583 | 22/09/1994 |
| | br:MN:MNRJ:13584 | 08/11/1994 |
| | br:MN:MNRJ:14268 | 10/11/1994 |
| | br:MN:MNRJ:9562 | 01/10/1955 |
| | NPM | |
| | NPM 6650 | 22/11/2006 |
| | MZFS | |
| | MZFS 620 | 17/11/1993 |
| | MZFS 985 | 14/12/1993 |
| | MZFS 986 | 16/12/1993 |
| | MZFS 987 | 25/03/1994 |
| | MZFS 988 | 27/04/1994 |
| | MZFS 989 | 16/05/1994 |
| | MZFS 990 | 10/06/1994 |
| | MZFS 992 | 08/11/1994 |
| | MZFS 993 | 11/11/1994 |
| | MZFS 2175 | 14/06/1984 |
| | MZFS 16962 | 29/04/2004 |
| <i>Pseudobatos percellens</i> (Walbaum, 1792) | MNRJ | |
| | br:MN:MNRJ:563 | NP |
| | br:MN:MNRJ:614 | NP |
| <i>Remora remora</i> (Linnaeus, 1758) | MNRJ | |
| | br:MN:MNRJ:9512 | August/1961 |
| <i>Rhinoptera bonasus</i> (Mitchill, 1815) | MNRJ | |
| | br:MN:MNRJ:21893 | September/1997 |
| <i>Rhizoprionodon lalandii</i> (Valenciennes, 1839) | MNRJ | |
| | br:MN:MNRJ:21888 | September/1997 |
| | br:MN:MNRJ:53605 | 09/08/2022 |
| <i>Rhizoprionodon porosus</i> (Poey, 1861) | MNRJ | |
| | br:MN:MNRJ:18176 | October/1997 |
| <i>Rhomboplites aurorubens</i> (Cuvier, 1829) | MNRJ | |
| | br:MN:MNRJ:2405 | NP |
| <i>Sardinella aurita</i> Valenciennes, 1847 | MNRJ | |
| | br:MN:MNRJ:1823 | NP |
| | br:MN:MNRJ:1844 | NP |
| <i>Sardinella brasiliensis</i> (Steindachner, 1879) | MNRJ | |



TABLE S1 | (Continued)

| Species | Voucher number | Date |
|---|-----------------------|------------|
| | br:MN:MNRJ:19231 | 23/02/1999 |
| | MZUSP | |
| | IctiologyMZUSP:011440 | NP |
| <i>Scartella cristata</i> (Linnaeus, 1758) | MNRJ | |
| | br:MN:MNRJ:12529 | NP |
| | br:MN:MNRJ:20053 | 19/06/1982 |
| <i>Scorpaena brasiliensis</i> Cuvier, 1829 | MNRJ | |
| | br:MN:MNRJ:13566 | 11/11/1993 |
| | br:MN:MNRJ:13567 | 16/12/1994 |
| | NPM | |
| | NPM 6664 | 2005 |
| <i>Scorpaena isthmensis</i> Meek & Hildebrand, 1928 | MNRJ | |
| | br:MN:MNRJ:13568 | 11/02/1993 |
| | br:MN:MNRJ:13569 | 30/03/1993 |
| | br:MN:MNRJ:13570 | 16/06/1993 |
| | br:MN:MNRJ:13574 | 18/11/1993 |
| | br:MN:MNRJ:13575 | 13/01/1994 |
| | br:MN:MNRJ:13576 | 29/05/1994 |
| | br:MN:MNRJ:13577 | 10/06/1994 |
| | br:MN:MNRJ:13578 | 23/09/1994 |
| | br:MN:MNRJ:13579 | 31/10/1994 |
| | br:MN:MNRJ:13580 | 16/12/1994 |
| | br:MN:MNRJ:14264 | 11/06/1994 |
| | br:MN:MNRJ:14265 | 01/11/1994 |
| | br:MN:MNRJ:14266 | 17/12/1994 |
| | NPM | |
| | NPM 6675 | 2005 |
| | NPM 6676 | 22/12/2006 |
| | MZFS | |
| | MZFS 1003 | 27/04/1994 |
| | MZFS 1004 | 16/05/1994 |
| | MZFS 1005 | 19/09/1994 |
| | MZFS 1006 | 23/09/1994 |
| | MZFS 1007 | 20/12/1994 |
| <i>Selene setapinnis</i> (Mitchill, 1815) | MNRJ | |
| | br:MN:MNRJ:6681 | 28/01/1944 |
| <i>Selene vomer</i> (Linnaeus, 1758) | MNRJ | |
| | br:MN:MNRJ:8362 | 1944 |
| | NPM | |
| | NPM 4755 | 23/02/2007 |



TABLE S1 | (Continued)

| Species | Voucher number | Date |
|---|-----------------------|------------|
| <i>Serranus flaviventris</i> (Cuvier, 1829) | MNRJ | |
| | br:MN:MNRJ:3117 | NP |
| | br:MN:MNRJ:3119 | NP |
| | br:MN:MNRJ:8364 | 1944 |
| | br:MN:MNRJ:12483 | 10/08/1992 |
| <i>Sphoeroides spengleri</i> (Bloch, 1785) | MNRJ | |
| | br:MN:MNRJ:13220 | 13/05/1993 |
| | br:MN:MNRJ:13221 | 14/05/1993 |
| | br:MN:MNRJ:13222 | 29/04/1993 |
| | br:MN:MNRJ:13223 | 20/05/1993 |
| <i>Sphoeroides greeleyi</i> Gilbert, 1900 | MNRJ | |
| | br:MN:MNRJ:12530 | 19/05/1993 |
| | br:MN:MNRJ:13224 | 20/05/1993 |
| | br:MN:MNRJ:13225 | 06/08/1993 |
| | br:MN:MNRJ:13226 | 17/11/1993 |
| | br:MN:MNRJ:13227 | 23/11/1993 |
| | br:MN:MNRJ:13228 | 12/12/1993 |
| | br:MN:MNRJ:13229 | 30/12/1993 |
| | br:MN:MNRJ:13230 | 13/01/1993 |
| | br:MN:MNRJ:25800 | 02/08/2003 |
| | MZUSP | |
| | IctiologyMZUSP:094715 | NP |
| | NPM | |
| | NPM 4714 | 01/01/2005 |
| | NPM 4719 | 22/03/2006 |
| NPM 4722 | 22/08/2008 | |
| NPM 6700 | 13/10/2005 | |
| <i>Sphoeroides testudineus</i> (Linnaeus, 1758) | MNRJ | |
| | br:MN:MNRJ:8341 | 1944 |
| | NPM | |
| NPM 6662 | 2005 | |
| <i>Sphoeroides tyleri</i> Shipp, 1972 | MZUSP | |
| | IctiologyMZUSP:094716 | NP |
| | IctiologyMZUSP:094717 | NP |
| <i>Sphyraena guachancho</i> Cuvier, 1829 | NPM | |
| | NPM 4724 | 2005 |
| | NPM 4725 | 17/08/2006 |
| | NPM 4741 | 25/05/1998 |
| <i>Stellifer punctatissimus</i> (Meek & Hildebrand, 1925) | MZUSP | |
| | IctiologyMZUSP:123302 | NP |
| | IctiologyMZUSP:123304 | NP |
| | IctiologyMZUSP:123373 | NP |

TABLE S1 | (Continued)

| Species | Voucher number | Date |
|---|-----------------------|-------------|
| | IctiologyMZUSP:123303 | NP |
| <i>Stellifer rastrifer</i> (Jordan, 1889) | NPM | |
| | NPM 6711 | 06/09/2006 |
| | NPM 6715 | 16/08/2006 |
| | NPM 6723 | 2005 |
| <i>Stephanolepis hispida</i> (Linnaeus, 1766) | MNRJ | |
| | br:MN:MNRJ:1404 | 16/06/1916 |
| | MZUSP | |
| | IctiologyMZUSP:116316 | NP |
| | IctiologyMZUSP:094709 | NP |
| <i>Syacium papillosum</i> (Linnaeus, 1758) | NPM | |
| | NPM 6656 | 26/10/2005 |
| <i>Symphurus plagusia</i> (Bloch & Schneider, 1801) | MNRJ | |
| | br:MN:MNRJ:3424 | NP |
| | br:MN:MNRJ:20059 | August/1968 |
| <i>Symphurus tessellatus</i> (Quoy & Gaimard, 1824) | MNRJ | |
| | br:MN:MNRJ:22151 | 02/12/1998 |
| <i>Syngnathus folletti</i> Herald, 1942 | MNRJ | |
| | br:MN:MNRJ:6644 | 23/01/1995 |
| <i>Syngnathus pelagicus</i> Linnaeus, 1758 | MNRJ | |
| | br:MN:MNRJ:9645 | 1960 |
| <i>Synodus foetens</i> (Linnaeus, 1766) | MNRJ | |
| | br:MN:MNRJ:3486 | NP |
| | br:MN:MNRJ:6674 | 28/01/1944 |
| | br:MN:MNRJ:2166 | 31/08/1898 |
| | NPM | |
| | NPM 6647 | 15/09/2005 |
| <i>Tomicodon australis</i> Briggs, 1955 | MNRJ | |
| | br:MN:MNRJ:21006 | 19/10/1999 |
| <i>Trachinotus falcatus</i> (Linnaeus, 1758) | NPM | |
| | NPM 4736 | 2005/2006 |
| <i>Trichiurus lepturus</i> Linnaeus, 1758 | MNRJ | |
| | br:MN:MNRJ:19224 | 13/01/1999 |
| | NPM | |
| | NPM 6725 | 2005 |
| | MZFS | |
| | MZFS 618 | 17/11/1993 |



| Species | Voucher number | Date |
|--|-----------------------|------------|
| <i>Trinectes paulistanus</i> (Miranda Ribeiro, 1915) | MNRJ | |
| | br:MN:MNRJ:2470 | 1934 |
| | NPM | |
| | NPM 6651 | 09/11/2005 |
| | NPM | |
| <i>Umbrina coroides</i> Cuvier, 1830 | NPM 4747 | NPM 4747 |
| | NPM | |
| <i>Upeneus parvus</i> Poey, 1852 | MNRJ | |
| | br:MN:MNRJ:11341 | 25/02/1985 |
| | NPM | |
| | NPM 4745 | 07/03/2007 |
| <i>Urophycis brasiliensis</i> (Kaup, 1858) | NPM 6666 | 2005 |
| | MZUSP | |
| | IctiologyMZUSP:060648 | NP |



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