**Check List of the Freshwater Fishes from the La Plata basin in Bolivia (CLOFFBO-Plata).**

**Pascal Hablützel, Stefan Koerber, + ???**

|  |  |  |
| --- | --- | --- |
| **Order** | **Terrazas-Urquidi (1970)** | **Current list** |
| Siluriformes | 33 | 91 |
| Characiformes | 44 | 112 |
| Cyprinodontiformes | 0 | 7 |
| Synbranchiformes | 1 | 1 |
| Cichliformes | 11 | 19 |
| Gymnotiformes | 5 | 10 |
| Myliobatiformes | 1 | 1 |
| Beloniformes | 0 | 0 |
| Clupeiformes | 0 | 1 |
| Acanthuriformes | 0 | 2 |
| Ceratodontiformes | 0 | 1 |
| Pleuronectiformes | 0 | 1 |
| Salmoniformes | 0 | 1 |
| Cypriniformes | 0 | 1 |
| Atheriniformes | 0 | 1 |
| Total | 95 | 233 |

class A C T I N O P T E R Y G I I

order **Siluriformes**

family **Pimelodidae**

***Pimelodus***

***Pimelodus maculatus*** Lacepède 1803  
 original Pimelodus maculatus Lacepède 1803  
 record Pimelodus maculatus, Lacép.: Boulenger, G. A. (1897): observation   
 Pimelodus maculatus: Karina Osinaga & María Elizabeth Farell (2010): listing

***Pimelodus blochii*** Valenciennes 1840  
 original Pimelodus blochii Valenciennes 1840  
 record Pimelodus clarias (Bloch): Terrazas Urquidi, W. (1970): listing

***Pimelodus argenteus*** Perugia 1891  
 original Pimelodus argenteus Perugia 1891  
 record Pimelodus argenteus Perugia: Terrazas Urquidi, W. (1970): listing   
 Pimelodus argenteus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Pimelodus argenteus: Torrico-Destre, Hitomi, Careaga, Matías, Maldonado, Mabel & Carvajal-Vallejos, Fernando M. (2024): listing

***Pimelodus ornatus*** Kner 1858  
 original Pimelodus ornatus Kner 1858  
 record Pimelodus ornatus: Sarmiento, J. & S. Barrera (1997): listing   
 Pimelodus ornatus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Pimelodus ornatus: Baigún C.R.M., Minotti P.G. (2019): listing   
 Pimelodus ornatus: Torrico-Destre, Hitomi, Careaga, Matías, Maldonado, Mabel & Carvajal-Vallejos, Fernando M. (2024): listing

***Pseudoplatystoma***

***Pseudoplatystoma fasciatum*** (Linnaeus 1766)  
 original Silurus fasciatus Linnaeus 1766  
 record Pseudoplatystoma fasciatum? (Linnaeus): Fisher, H. G. (1917): specimen   
 Pseudoplatystoma fasciatum (Linné): Terrazas Urquidi, W. (1970): listing   
 Pseudoplatystoma fasciatum: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Pseudoplatystoma fasciatum: Sarmiento J., Barrera S., Farfán C. (2019): listing   
 Pseudoplatystoma fasciatum: Torrico-Destre, Hitomi, Careaga, Matías, Maldonado, Mabel & Carvajal-Vallejos, Fernando M. (2024): listing

***Pseudoplatystoma corruscans*** (Spix & Agassiz 1829)  
 original Platystoma corruscans Spix & Agassiz 1829  
 record Pseudoplatystoma coruscans (Agassiz): Terrazas Urquidi, W. (1970): listing   
 Pseudoplatystoma corruscans: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Pseudoplatystoma corruscans: Sarmiento J., Barrera S., Farfán C. (2019): listing   
 Pseudoplatystoma corruscans (Spix & Agassiz 1829): Torrico-Destre, Hitomi, Careaga, Matías, Maldonado, Mabel & Carvajal-Vallejos, Fernando M. (2024): specimen specimen listing

***Megalonema***

***Megalonema platanum*** (Günther 1880)  
 original Pimelodus platanus Günther 1880  
 record Pimelodus platanum Günther: Terrazas Urquidi, W. (1970): listing   
 Megalonema platanum: Baigún C.R.M., Minotti P.G. (2019): listing   
 Megalonema platanum: Torrico-Destre, Hitomi, Careaga, Matías, Maldonado, Mabel & Carvajal-Vallejos, Fernando M. (2024): listing

***Sorubim***

***Sorubim lima*** (Bloch & Schneider 1801)  
 original Silurus lima Bloch & Schneider 1801  
 record Surubim lima (Bloch & Schneider): Terrazas Urquidi, W. (1970): listing   
 Sorubim lima: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Sorubim lima: Sarmiento J., Barrera S., Farfán C. (2019): listing   
 Surubim lima (Bloch & Schneider): Torrico-Destre, Hitomi, Careaga, Matías, Maldonado, Mabel & Carvajal-Vallejos, Fernando M. (2024): observation listing

***Luciopimelodus***

***Luciopimelodus pati*** (Valenciennes 1835)  
 original Pimelodus pati Valenciennes 1835  
 record Luciopimelodus pati (Valenciennes): Terrazas Urquidi, W. (1970): listing   
 Luciopimelodus pati: Torrico-Destre, Hitomi, Careaga, Matías, Maldonado, Mabel & Carvajal-Vallejos, Fernando M. (2024): listing

***Zungaro***

***Zungaro zungaro*** (Humboldt 1821)  
 original Pimelodus zungaro Humboldt 1821  
 record Pseudopimelodus zungaro: Sarmiento, J. & S. Barrera (1997): listing   
 Pseudopimelodus zungaro: Baigún C.R.M., Minotti P.G. (2019): listing

***Zungaro jahu*** (Ihering 1898)  
 original Paulicea jahu Ihering 1898  
 record Zungaro jahu: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Zungaro jahu: Sarmiento J., Barrera S., Farfán C. (2019): listing   
 Zungaro jahu (Ihering 1898): Torrico-Destre, Hitomi, Careaga, Matías, Maldonado, Mabel & Carvajal-Vallejos, Fernando M. (2024): listing illustration

***Pinirampus***

***Pinirampus pirinampu*** (Spix & Agassiz 1829)  
 original Pimelodus pirinampu Spix & Agassiz 1829  
 record Pinirampus pirinampu: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Pinirampus pirinampu (Spix & Agassiz 1829): Torrico-Destre, Hitomi, Careaga, Matías, Maldonado, Mabel & Carvajal-Vallejos, Fernando M. (2024): observation listing

***Iheringichthys***

***Iheringichthys megalops*** Eigenmann & Ward 1907  
 original Iheringichthys megalops Eigenmann & Ward 1907  
 record Iheringichthys megalops Eigenmann & Ward 1907: Torrico-Destre, Hitomi, Careaga, Matías, Maldonado, Mabel & Carvajal-Vallejos, Fernando M. (2024): specimen specimen listing

***Hypophthalmus***

***Hypophthalmus oremaculatus*** Nani & Fuster de Plaza  
 original Hypophthalmus oremaculatus Nani & Fuster de Plaza 1947  
 record Hypophthalmus oremaculatus: Torrico-Destre, Hitomi, Careaga, Matías, Maldonado, Mabel & Carvajal-Vallejos, Fernando M. (2024): listing specimen

family **Heptapteridae**

***Heptapterus***

***Heptapterus mustelinus*** (Valenciennes 1835)  
 original Pimelodus mustelinus Valenciennes 1835  
 record Heptapterus mustelinus, Val.: Boulenger, G. A. (1897): observation

***Rhamdia***

***Rhamdia quelen*** (Quoy & Gaimard 1824)  
 original Pimelodus quelen Quoy & Gaimard 1824  
 record Rhamdia quelen (Quoy and Gaimard): Eigenmann, C. H. and H. G. Fisher (1917): specimen   
 Rhamdia quelen: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Rhamdia quelen: Hablützel et al. (in prep.): specimen

***Pimelodella***

***Pimelodella mucosa*** Eigenmann & Ward 1907  
 original Pimelodella mucosa Eigenmann & Ward 1907  
 record Pimelodella mucosa Eigenmann: Eigenmann, C. H. (1917): specimen specimen   
 Pimelodella mucosa: Farell, M. E. & F. Cancino (2007): observation   
 Pimelodella mucosa: Karina Osinaga & María Elizabeth Farell (2010): listing

***Pimelodella gracilis*** (Valenciennes 1835)  
 original Pimelodus gracilis Valenciennes 1835  
 record Pimelodella gracilis: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Pimelodella gracilis: Farell, M. E. & F. Cancino (2007): observation   
 Pimelodella gracilis: Karina Osinaga & María Elizabeth Farell (2010): listing

***Pimelodella cristata*** (Müller & Troschel 1849)  
 original Pimelodus cristatus Müller & Troschel 1849  
 record Pimelodella cristata: Karina Osinaga & María Elizabeth Farell (2010): listing

***Pimelodella howesi*** Fowler 1940  
 original Pimelodella howesi Fowler 1940  
 record Pimelodella howesi: Baigún C.R.M., Minotti P.G. (2019): listing

***Pimelodella laticeps*** Eigenmann 1917  
 original Pimelodella laticeps Eigenmann 1917  
 record Pimelodella laticeps: Baigún C.R.M., Minotti P.G. (2019): listing

***Imparfinis***

***Imparfinis guttatus*** (Pearson 1924)  
 original Nannorhamdia guttatus Pearson 1924  
 record Imparfinis guttatus: Sarmiento, J. & S. Barrera (1997): listing   
 Imparfinis guttatus: Baigún C.R.M., Minotti P.G. (2019): listing

***Imparfinis stictonotus*** (Fowler 1940)  
 original Nannorhamdia stictonotus Fowler 1940  
 record Imparfinis stictonotus: Hablützel et al. (in prep.): specimen

***Hemisorubim***

***Hemisorubim platyrhynchos*** (Valenciennes 1840)  
 original Platystoma platyrhynchos Valenciennes 1840  
 record Hemisorubim platyrhynchos: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Hemisorubim platyrynchus: Baigún C.R.M., Minotti P.G. (2019): listing   
 Hemisorubim platyrhynchos: Sarmiento J., Barrera S., Farfán C. (2019): listing   
 Hemisorubim platyrhynchos: Torrico-Destre, Hitomi, Careaga, Matías, Maldonado, Mabel & Carvajal-Vallejos, Fernando M. (2024): listing

***Cetopsorhamdia***

family **Loricariidae**

***Hypostomus***

***Hypostomus robinii*** Valenciennes 1840  
 original Hypostomus robinii Valenciennes 1840  
 record Plecostomus robinii, C. & V.: Boulenger, G. A. (1897): observation

***Hypostomus borellii*** (Boulenger 1897)  
 original Plecostomus borellii Boulenger 1897  
 record Plecostomus borellii, sp. n.: Boulenger, G. A. (1897): observation   
 Plecostomus borellii Boulenger: Regan, C. T. (1904): specimen specimen   
 Plecostomus borellii Boulenger: Eigenmann, C. (1910): listing   
 Plecostomus borellii Boulenger: Fowler, H. W. (1940): observation   
 Plecostomus borellii Boulenger: Terrazas Urquidi, W. (1970): listing   
 Plecostomus borellii: Sarmiento, J. & S. Barrera (1997): listing   
 Hypostomus borellii: Baigún C.R.M., Minotti P.G. (2019): listing

***Hypostomus cochliodon*** Kner 1854  
 original Hypostomus cochliodon Kner 1854  
 record Hypostomus cochliodon: Farell, M. E. & F. Cancino (2007): observation   
 Hypostomus cochliodon: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Hypostomus cochliodon: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Hypostomus punctatus*** Valenciennes 1840  
 original Hypostomus punctatus Valenciennes 1840  
 record Hypostomus punctatus: Karina Osinaga & María Elizabeth Farell (2010): listing

***Rineloricaria***

***Rineloricaria catamarcensis*** (Berg 1895)  
 original Loricaria catamarcensis Berg 1895  
 record Loricaria catamarcensis, Berg: Boulenger, G. A. (1897): observation   
 Loricaria catamarcensis: Regan, C. T. (1904): observation   
 Loricaria catamarcensis, Berg: Eigenmann, C. (1910): listing

***Rineloricaria steinbachi*** (Regan 1906)  
 original Canthopomus montebelloi Fowler 1940  
 record Canthopomus montebelloi Fowler: Terrazas Urquidi, W. (1970): listing   
 Ixinandria montebelloi: Sarmiento, J. & S. Barrera (1997): listing   
 Ixinandria montebelloi: Baigún C.R.M., Minotti P.G. (2019): listing   
 Ixinandria steinbachi: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Rineloricaria phoxocephala*** (Eigenmann & Eigenmann 1889)  
 original Loricaria phoxocephala Eigenmann & Eigenmann 1889  
 record Loricaria phoxocephala Eigenmann: Terrazas Urquidi, W. (1970): listing   
 Rineloricaria phoxocephala: Sarmiento, J. & S. Barrera (1997): listing

***Rineloricaria parva*** (Boulenger 1895)  
 original Loricaria parva Boulenger 1895  
 record Rineloricaria parva: Karina Osinaga & María Elizabeth Farell (2010): listing

***Pterygoplichthys***

***Pterygoplichthys ambrosettii*** (Holmberg 1893)  
 original Ancistrus multiradiatus var. alternans Regan 1904  
 record Ancistrus multiradiatus var. alternans var. nov.: Regan, C. T. (1904): observation   
 Pterygoplichthys anisitsi Eigenmann & Kennedy: Eigenmann, C. (1910): listing   
 Pterygoplichthys anisitsi Eigenmann & Kennedy: Terrazas Urquidi, W. (1970): listing   
 Liposarcus anisitsi: Sarmiento, J. & S. Barrera (1997): listing   
 Liposarcus anisitsi: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Liposarcus anisitsi: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Liposarcus anisitsi: Baigún C.R.M., Minotti P.G. (2019): listing   
 Liposarcus anisitsi: Sarmiento J., Barrera S., Farfán C. (2019): listing   
 Pterygoplichthys ambrosettii: Hablützel et al. (in prep.): specimen

***Loricaria***

***Loricaria cataphracta*** Linnaeus 1758  
 original Loricaria carinata Casterlnau 1855  
 record Loricaria carinata Castelnau: Fowler, H. W. (1940): observation   
 Loricaria carinata Castelnau: Terrazas Urquidi, W. (1970): listing   
 Loricaria cataphracta: Sarmiento, J. & S. Barrera (1997): listing   
 Loricaria cataphracta: Baigún C.R.M., Minotti P.G. (2019): listing

***Loricaria luciae*** Thomas, Rodriguez, Carvallaro, Froehlich & Castro  
 original Loricaria luciae Thomas, Rodriguez, Carvallaro, Froehlich & Castro  
 record Loricaria luciae, new species: Thomas, M. R., M. S. Rodriguez, M. R. Cavallaro, G. Froehlich and R. M. C. Castro (2013): specimen   
 Loricaria luciae: Hablützel et al. (in prep.): specimen

***Loricaria simillima*** Regan 1904  
 original Loricaria simillima Regan 1904  
 record Loricaria simillima: Hablützel et al. (in prep.): specimen

***Ancistrus***

***Ancistrus bufonius*** (Valenciennes 1840)  
 original Hypostomus bufonius 1840  
 record Ancistrus bufonius (Cuvier & Valenciennes): Terrazas Urquidi, W. (1970): listing

***Ancistrus cirrhosus*** (Valenciennes 1836)  
 original Hypostomus cirrhosus Valenciennes 1836  
 record Ancistrus cirrhosus (Valenciennes): Terrazas Urquidi, W. (1970): listing   
 Ancistrus cirrhosus: Karina Osinaga & María Elizabeth Farell (2010): listing

***Ancistrus cuiabae*** Knaack 1999  
 original Ancistrus cuiabae Knaack 1999  
 record Ancistrus cuiabae: Hablützel et al. (in prep.): specimen

***Hypoptopoma***

***Hypoptopoma inexspectacum*** (Holmberg 1893)  
 original Aristommata inexspectata Holmberg 1893  
 record Hypoptopoma inexspectata (Holmberg): Terrazas Urquidi, W. (1970): listing   
 Hypoptopoma inexspectatum: Farell, M. E. & F. Cancino (2007): observation   
 Hypoptopoma inexspectatum: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Hypoptopoma inexpectatum: Hablützel et al. (in prep.): specimen

***Otocinclus***

***Otocinclus vittatus*** Regan 1904  
 original Otocinclus vittatus Regan 1904  
 record Otocinclus vittatus Regan: Terrazas Urquidi, W. (1970): listing   
 Otocinclus vittatus: Farell, M. E. & F. Cancino (2007): observation   
 Otocinclus vittatus: Karina Osinaga & María Elizabeth Farell (2010): listing

***Otocinclus vestitus*** Cope 1872  
 original Otocinclus vestitus Cope 1872  
 record Otocinclus vestitus: Karina Osinaga & María Elizabeth Farell (2010): listing

***Loricariichthys***

***Loricariichthys maculatus*** (Bloch 1794)  
 original Loricaria maculata Bloch 1794  
 record Loricaria maculata Bloch: Terrazas Urquidi, W. (1970): listing

***Loricariichthys platymetopon*** Isbrücker & Nijssen 1979  
 original Loricariichthys platymetopon Isbrücker & Nijssen 1979  
 record Loricariichthys platymetopon: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Loricariichthys platymetopon: Hablützel et al. (in prep.): specimen

***Sturisoma***

***Sturisoma barbatum*** (Kner 1853)  
 original Oxyloricaria robusta Regan 1904  
 record Sturisoma robustum Regan: Terrazas Urquidi, W. (1970): listing   
 Sturisoma robustum: Baigún C.R.M., Minotti P.G. (2019): listing

***Farlowella***

***Farlowella knerii*** (Steindachner 1882)  
 original Acestra knerii Steindachner 1882  
 record Farlowella knerii (Steindachner): Terrazas Urquidi, W. (1970): listing

***Farlowella nattereri*** Steindachner 1910  
 original Farlowella acestrichthys Pearson 1924  
 record Farlowella acestrichthys Pearson sp. nov.: Terrazas Urquidi, W. (1970): listing

***Paraloricaria***

***Pseudohemiodon***

***Spatuloricaria***

***Spatuloricaria evansii*** (Boulenger 1892)  
 original Loricaria evansii Boulenger 1892  
 record Spatuloricaria evansii: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Spatuloricaria evansii: Baigún C.R.M., Minotti P.G. (2019): listing   
 Spatuloricaria evansii: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Glyptoperichthys***

***Pyxiloricaria***

***Ricola***

***Ricola macrops*** (Regan 1904)  
 original Loricaria macrops Regan 1904  
 record Ricola macrops: Baigún C.R.M., Minotti P.G. (2019): listing

***Brochiloricaria***

***Planiloricaria***

***Jenynsia***

***Jenynsia alternimaculata*** (Fowler 1940)  
 original Fitzroyia lineata alternimaculata Fowler 1940  
 record Jenynsia alternimaculata: Sarmiento J., Barrera S., Farfán C. (2019): listing

family **Trichomycteridae**

***Trichomycterus***

***Trichomycterus corduvensis*** Weyenbergh 1877  
 original Trichomycterus corduvensis Weyenbergh 1877  
 record Trichomycterus cordovensis, Weyenbergh: Boulenger, G. A. (1897): observation   
 Pygidium corduvense (Weyenbergh): Eigenmann, C. (1910): listing   
 Pygidium corduvense (Weyenbergh): Eigenmann, C. H. (1918): listing

***Trichomycterus borellii*** Boulenger 1897  
 original Trichomycterus borellii Boulenger 1897  
 record Trichomycterus borellii, sp. n.: Boulenger, G. A. (1897): observation   
 Pygidium borellii (Boulenger): Eigenmann, C. (1910): listing   
 Pygidium borellii (Boulenger): Eigenmann, C. H. (1918): listing   
 Trichomycterus borellii: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Trichomycterus atochae*** (Allen 1942)  
 original Pygidium atochae Allen 1942  
 record Pygidium atochae Allen, sp. nov.: Eigenmann, C. H. and W. R. Allen (1942): specimen

***Trichomycterus duellmani*** Arratia & Menu-Marque 1984  
 original Trichomycterus duellmani Arratia & Menu-Marque 1984  
 record Trichomycterus duellmani n. sp.: Arratia, G. and S. Menu-Marque (1984): specimen illustration

***Trichomycterus spegazzinii*** (Berg 1897)  
 original Pygidium spegazzinii Berg 1897  
 record Trichomycterus spegazzinii: Baigún C.R.M., Minotti P.G. (2019): listing   
 Trichomycterus spegazzinii: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Trichomycterus aguarague*** Fernández & Osinaga 2006  
 original Trichomycterus aguarague Fernández & Osinaga 2006  
 record Trichomycterus aguaraguae: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Trichomycterus tiraquae*** (Fowler 1940)  
 original Pygidium tiraquae Fowler 1940  
 record Trichomycterus tiraquae: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Ituglanis***

***Ituglanis eichhorniarum*** (Miranda Ribeiro 1912)  
 original Trichomycterus eichhornianum Miranda Ribeiro 1912  
 record Pygidium eichornianum (Ribeiro): Eigenmann, C. H. (1918): specimen   
 Ituglanis eichhorniarum: Hablützel et al. (in prep.): specimen

***Ochmacanthus***

***Ochmacanthus batrachostoma*** (Miranda Ribeiro 1912)  
 original Gyrinurus batrachostoma Miranda Ribeiro 1912  
 record Ochmacanthus batrachostoma (Ribeiro): Eigenmann, C. H. (1918): specimen   
 Ochmacanthus batrachostoma: Hablützel et al. (in prep.): specimen

***Trichomycteridae***

***Scleronema***

family **Callichthyidae**

***Osteogaster***

***Osteogaster microps*** (Eigenmann & Kennedy 1903)  
 original Corydoras microps Eigenmann & Kennedy 1903  
 record Corydoras microps Eigenmann and Kennedy: Ellis, M. D. (1913): specimen   
 Corydoras microps Eigenmann & Kennedy: Terrazas Urquidi, W. (1970): listing

***Osteogaster aenea*** (Gill 1858)  
 original Hoplosoma aeneum Gill 1858  
 record Corydoras aeneus: Karina Osinaga & María Elizabeth Farell (2010): listing

***Gastrodermus***

***Gastrodermus hastatus*** (Eigenmann & Eigenmann 1888)  
 original Corydoras australe Eigenmann & Ward 1907  
 record Corydoras australis Eigenmann and Ward: Ellis, M. D. (1913): specimen   
 Corydoras hastatus Eigenmann & Eigenmann: Terrazas Urquidi, W. (1970): listing   
 Corydoras hastatus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Gastrodermus hastatus: Hablützel et al. (in prep.): specimen

***Megalechis***

***Megalechis thoracata*** (Valenciennes 1840)  
 original Callichthys thoracatus Valenciennes 1840  
 record Hoplosternum thoracatum (Cuvier and Valenciennes): Ellis, M. D. (1913): specimen   
 Hoplosternum thoracatum (Cuvier and Valenciennes): Terrazas Urquidi, W. (1970): listing   
 Megalechis thoracata: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Megalechis personata: Karina Osinaga & María Elizabeth Farell (2010): listing

***Hoplisoma***

***Hoplisoma polystictum*** (Regan 1912)  
 original Corydoras virescens Miranda Ribeiro 1912  
 record Corydoras virescens: Ellis, M. D. (1913): specimen   
 Hoplisoma polystictum: Hablützel et al. (in prep.): specimen

***Hoplisoma paleatum*** (Jenyns 1842)  
 original Callichthys paleatus Jenyns 1842  
 record Corydoras paleatus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Corydoras paleatus: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Hoplisoma albolineatum*** (Knaack 2004)  
 original Corydoras albolineatus Knaack 2004  
 record Hoplisoma albolineatum: Hablützel et al. (in prep.): specimen

***Corydoras***

***Corydoras aurofrenatus*** Eigenmann & Kennedy 1903  
 original Corydoras aurofrenatus Eigenmann & Kennedy 1903  
 record Corydoras aurofrenatus: Farell, M. E. & F. Cancino (2007): observation   
 Corydoras aurofrenatus: Karina Osinaga & María Elizabeth Farell (2010): listing

***Hoplosternum***

***Hoplosternum littorale*** (Hancock 1828)  
 original Callichthys littoralis Hancock 1828  
 record Hoplosternum littorale: Sarmiento, J. & S. Barrera (1997): listing   
 Hoplosternum littorale: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Hoplosternum littorale: Farell, M. E. & F. Cancino (2007): observation   
 Hoplosternum littorale: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Hoplosternum littorale: Baigún C.R.M., Minotti P.G. (2019): listing   
 Hoplosternum littorale: Hablützel et al. (in prep.): specimen

***Lepthoplosternum***

***Lepthoplosternum pectorale*** (Boulenger 1895)  
 original Callichthys pectoralis Boulenger 1895  
 record Lepthoplosternum pectorale: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Lepthoplosternum pectorale: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Lepthoplosternum pectorale: Hablützel et al. (in prep.): specimen

***Brochis***

***Brochis britskii*** Nijssen & Isbrücker 1983  
 original Brochis britskii Nijssen & Isbrücker 1983  
 record Brochis britskii: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Brochis britskii: Hablützel et al. (in prep.): specimen

***Brochis pantanalensis*** (Knaack 2001)  
 original Corydoras pantanalensis Knaack 2001  
 record Brochis pantanalensis: Hablützel et al. (in prep.): specimen

***Callichthys***

***Callichthys callichthys*** (Linnaeus 1758)  
 original Silurus callichthys Linnaeus 1758  
 record Callichthys callichthys: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Callichthys callichthys: Sarmiento J., Barrera S., Farfán C. (2019): listing

family **Doradidae**

***Platydoras***

***Platydoras costatus*** (Linnaeus 1758)  
 original Silurus costatus Linnaeus 1758  
 record Doras costatus (Linnaeus): Fisher, H. G. (1917): specimen   
 Platydoras costatus (Linnaeus): Eigenmann, C. H. (1925): listing

***Platydoras armatulus*** (Valenciennes 1840)  
 original Doras armatulus Valenciennes 1840  
 record Platydoras armatulus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Platydoras armatulus: Hablützel et al. (in prep.): specimen

***Pterodoras***

***Pterodoras granulosus*** (Valenciennes 1821)  
 original Doras granulosus Valenciennes 1821  
 record Pterodoras granulosus (Valenciennes): Terrazas Urquidi, W. (1970): listing   
 Pterodoras granulosus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Megalodoras laevigatulus: Baigún C.R.M., Minotti P.G. (2019): listing

***Anadoras***

***Anadoras weddellii*** (Castelnau 1855)  
 original Doras weddellii Castelnau 1855  
 record Anadoras wedellii (Castelnau): Terrazas Urquidi, W. (1970): listing   
 Anadoras wedellii: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Anadoras weddellii: Hablützel et al. (in prep.): specimen

***Rhinodoras***

***Rhinodoras dorbignyi*** (Kner 1855)  
 original Doras (Oxydoras) dorbignyi Kner 1855  
 record Rhinodoras d'orbignyi (Kroyer): Terrazas Urquidi, W. (1970): listing   
 Rhinodoras dorbignyi: Sarmiento, J. & S. Barrera (1997): listing   
 Rhinodoras d orbignyi: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Rhinodoras dorbignyi: Baigún C.R.M., Minotti P.G. (2019): listing

***Oxydoras***

***Oxydoras kneri*** Bleeker 1862  
 original Oxydoras kneri Bleeker 1862  
 record Oxydoras kneri Bleeker: Terrazas Urquidi, W. (1970): listing   
 Oxydoras knery: Karina Osinaga & María Elizabeth Farell (2010): listing

***Trachydoras***

***Trachydoras paraguayensis*** (Eigenmann & Ward 1907)  
 original Hemidoras paraguayensis Eigenmann & Ward 1907  
 record Trachydoras paraguayensis: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Trachydoras paraguayensis: Hablützel et al. (in prep.): specimen

***Ossancora***

***Ossancora eigenmanni*** (Boulenger 1895)  
 original Oxydoras eigenmanni Boulenger 1895  
 record Doras eigenmanni: Karina Osinaga & María Elizabeth Farell (2010): listing

***Amblydoras***

***Amblydoras nheco*** (Higuchi, Birindelli, Sousa & Britski)  
 original Merodoras nheco Higuchi, Birindelli, Sousa & Britski  
 record Amblydoras nheco: Hablützel et al. (in prep.): specimen

family **Auchenipteridae**

***Trachelyopterus***

***Trachelyopterus galeatus*** (Linnaeus)  
 original Silurus galeatus Linnaeus 1766  
 record Trachycorystes galeatus (Linnaeus): Fisher, H. G. (1917): specimen   
 Parauchenipterus galeatus: Sarmiento, J. & S. Barrera (1997): listing   
 Trachelyopterus galeatus: Farell, M. E. & F. Cancino (2007): observation   
 Trachelyopterus galeatus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Tracheolyopterus galeatus: Baigún C.R.M., Minotti P.G. (2019): listing   
 Trachelyopterus galeatus: Hablützel et al. (in prep.): specimen

***Trachelyopterus striatulus*** (Steindachner 1877)  
 original Auchenipterus (Pseudauchenipterus) striatulus Steindachner 1877  
 record Trachycorhystes striatus (Steindachner): Terrazas Urquidi, W. (1970): listing   
 Trachelyopterus striatulus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Trachelyopterus striatulus: Hablützel et al. (in prep.): specimen

***Auchenipterus***

***Auchenipterus nuchalis*** (Spix & Agassiz 1829)  
 original Hypophthalmus nuchalis Spix & Agassiz 1829  
 record Auchenipterus nuchalis (Spix): Terrazas Urquidi, W. (1970): listing   
 Auchenipterus nuchalis: Sarmiento, J. & S. Barrera (1997): listing   
 Auchenipterus nuchalis: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Auchenipterus nuchalis: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Auchenipterus nuchalis (Spix & Agassiz, 1829): Ferraris, C. J., Jr. and R. P. Vari (1999): listing   
 Auchenipterus nuchalis: Baigún C.R.M., Minotti P.G. (2019): listing

***Auchenipterus nigripinnis*** (Boulenger 1895)  
 original Euanemus nigripinnis Boulenger 1895  
 record Auchenipterus nigripinnis (Boulenger): Terrazas Urquidi, W. (1970): listing

***Trachycorystes***

***Ageneiosus***

***Ageneiosus inermis*** (Linnaeus 1766)  
 original Silurus inermis Linnaeus 1766  
 record Ageneiosus inermis: Karina Osinaga & María Elizabeth Farell (2010): listing

***Entomocorus***

***Entomocorus benjamini*** Eigenmann 1917  
 original Entomocorus benjamini Eigenmann 1917  
 record Entomocorus benjamini: Karina Osinaga & María Elizabeth Farell (2010): listing

***Tatia***

family **Aspredinidae**

***Pseudobunocephalus***

***Pseudobunocephalus iheringii*** (Boulenger 1891)  
 original Bunocephalus iheringii Boulenger 1891  
 record Bunocephalus iheringi Boulenger: Terrazas Urquidi, W. (1970): listing

***Pseudobunocephalus rugosus*** (Eigenmann & Kennedy 1903)  
 original Bunocephalus rugosus Eigenmann & Kennedy 1903  
 record Bunocephalus rugosus Eigenmann & Kennedy: Terrazas Urquidi, W. (1970): listing

***Bunocephalus***

***Bunocephalus doriae*** Boulenger 1902  
 original Bunocephalus doriae Boulenger 1902  
 record Bunocephalus doriae: Sarmiento, J. & S. Barrera (1997): listing   
 Bunocephalus doriae: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Bunocephalus doriae: Baigún C.R.M., Minotti P.G. (2019): listing

family **Pseudopimelodidae**

***Microglanis***

***Microglanis cottoides*** (Boulenger 1891)  
 original Pimelodus (Pseudopimelodus) cottoides Boulenger 1891  
 record Microglanis cottoides (Boulenger): Terrazas Urquidi, W. (1970): listing

family **Cetopsidae**

***Cetopsis***

***Cetopsis starnesi*** Vari, Ferraris & de Pinna 2005  
 original Cetopsis starnesi Vari, Ferraris & de Pinna 2005  
 record Cetopsis starnesi, new species: Vari, R. P., C. J. Ferraris, Jr. and M. C. C. de Pinna (2005): specimen specimen   
 Cetopsis starnesi: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Cetopsis coecutiens*** (Lichtenstein 1819)  
 original Silurus coecutiens Lichtenstein 1819  
 record Cetopsis coecutiens: Baigún C.R.M., Minotti P.G. (2019): listing

order **Characiformes**

family **Prochilodontidae**

***Prochilodus***

***Prochilodus lineatus*** (Valenciennes 1837)  
 original Paca lineatus Valenciennes 1837  
 record Prochilodus lineatus, Val.: Boulenger, G. A. (1897): observation   
 Prochilodus lineatus: Sarmiento, J. & S. Barrera (1997): listing   
 Prochilodus lineatus: Farell, M. E. & F. Cancino (2007): observation   
 Prochilodus lineatus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Prochilodus lineatus: Baigún C.R.M., Minotti P.G. (2019): listing   
 Prochilodus lineatus: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Prochilodus nigricans*** Spix & Agassiz 1829  
 original Prochilodus nigricans Spix & Agassiz 1829  
 record Prochilodus nigricans: Terrazas Urquidi, W. (1970): listing   
 Prochilodus nigricans Agassiz, 1829: Castro, R. M. C. and R. P. Vari (2003): listing

family **Parodontidae**

***Apareiodon***

***Apareiodon affinis*** (Steindachner 1879)  
 original Parodon affinis Steindachner 1879  
 record Parodon affinis, Stdr.: Boulenger, G. A. (1897): observation   
 Apareiodon affinis (Steindachner): Eigenmann, C. H. (1916): listing

***Parodon***

***Parodon carrikeri*** Fowler 1940  
 original Parodon carrikeri Fowler 1840  
 record Parodon carrikeri new species: Fowler, H. W. (1940): observation, specimen specimen   
 Parodon carrikeri Fowler: Terrazas Urquidi, W. (1970): listing   
 Parodon carrikeri: Sarmiento, J. & S. Barrera (1997): listing   
 Parodon carriqueri: Baigún C.R.M., Minotti P.G. (2019): listing   
 Parodon carrikeri: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Parodon suborbitalis*** Valenciennes 1850  
 original Parodon suborbitale Valenciennes 1850  
 record Parodon suborbitale Valenciennes: Terrazas Urquidi, W. (1970): listing   
 Parodon suborbitalis Valenciennes 1850: Londoño-Burbano, A., C. Román-Valencia and D. C. Taphorn (2011): listing   
 Parodon suborbitale: Baigún C.R.M., Minotti P.G. (2019): listing

family **Anostomidae**

***Megaleporinus***

***Megaleporinus obtusidens*** (Valenciennes 1837)  
 original Curimatus obtusidens Valenciennes 1837  
 record Leporinus obtusidens, Val.: Boulenger, G. A. (1897): observation   
 Leporinus obtusidens Valenciennes: Terrazas Urquidi, W. (1970): listing   
 Leporinus otusidens: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Leporinus obtusidens: Baigún C.R.M., Minotti P.G. (2019): listing

***Megaleporinus trifasciatus*** (Steindachner 1876)  
 original Leporinus trifasciatus Steindachner 1876  
 record Leporinus trifasciatus Steindachner: Terrazas Urquidi, W. (1970): listing   
 Megaleporinus trifasciatus: Ramirez, J. L., J. L. O. Birindelli and P. M. Galetti, Jr. (2017): listing

***Leporinus***

***Leporinus striatus*** Kner 1858  
 original Leporinus striatus Kner 1858  
 record Leporinus striatus Kner: Terrazas Urquidi, W. (1970): listing

***Leporinus fasciatus*** (Bloch 1794)  
 original Salmo fasciatus Bloch 1794  
 record Leporinus fasciatus Müller & Troschel: Terrazas Urquidi, W. (1970): listing   
 Leporinus fasciatus (Bloch, 1794): JLO Birindelli (2024): listing   
 Leporinus fasciatus: Baigún C.R.M., Minotti P.G. (2019): listing

***Leporinus friderici*** (Bloch 1794)  
 original Salmo friderici Bloch 1794  
 record Leporinus friderici: Sarmiento, J. & S. Barrera (1997): listing   
 Leporinus friderici: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Leporinus friederici: Baigún C.R.M., Minotti P.G. (2019): listing

***Leporinus lacustris*** Amaral Campos 1945  
 original Leporinus lacustris Amaral Campos 1945  
 record Leporinus lacustris: Farell, M. E. & F. Cancino (2007): observation   
 Leporinus lacustris: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Leporinus lacustris: Hablützel et al. (in prep.): specimen

***Leporinus octofasciatus*** Steindachner 1915  
 original Leporinus octofasciatus Steindachner 1915  
 record Leprorinus octofasciatus: Baigún C.R.M., Minotti P.G. (2019): listing

***Abramites***

***Abramites hypselonotus*** (Günther 1868)  
 original Leporinus hypselonotus Günther 1868  
 record Leporinus hypselonotus Günther: Terrazas Urquidi, W. (1970): listing

***Leporellus***

***Schizodon***

***Schizodon borellii*** (Boulenger 1900)  
 original Anostomus borellii Boulenger 1900  
 record Schizodon borellii: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Schizodon borellii: Baigún C.R.M., Minotti P.G. (2019): listing   
 Schizodon borellii: Hablützel et al. (in prep.): specimen

***Schizodon isognathus*** Kner 1858  
 original Schizodon isognathus Kner 1858  
 record Schizodon isognathus: Karina Osinaga & María Elizabeth Farell (2010): listing

family **Crenuchidae**

***Characidium***

***Characidium fasciatum*** Reinhardt 1867  
 original Characidium fasciatum Reinhardt 1867  
 record Characidium fasciatum, Reinh.: Boulenger, G. A. (1897): observation   
 Characidium fasciatum: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Characidium fasciatum: Baigún C.R.M., Minotti P.G. (2019): listing

***Characidium bolivianum*** Pearson 1924  
 original Characidium bolivianum Pearson 1924  
 record Characidium bolivianum Pearson sp. nov.: Terrazas Urquidi, W. (1970): listing

***Characidium borellii*** (Boulenger 1895)  
 original Nanognathus borellii Boulenger 1895  
 record Characidium borellii (Boulenger): Terrazas Urquidi, W. (1970): listing

***Characidium laterale*** (Boulenger 1895)  
 original Nanostomus lateralis Boulenger 1895  
 record Characidium laterale: Farell, M. E. & F. Cancino (2007): observation   
 Characidium laterale: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Characidium laterale: Hablützel et al. (in prep.): specimen

***Characidium rachovii*** Regan 1913  
 original Characidium (Jobertina) rachovii Regan 1913  
 record Characidium rachowi: Baigún C.R.M., Minotti P.G. (2019): listing

family **Acestrorhamphidae**

***Psalidodon***

***Psalidodon rivularis*** (Lütken 1875)  
 original Tetragonopterus rivularis Lütken 1875  
 record Tetragonopterus rivularis, Lütk.: Boulenger, G. A. (1897): observation   
 Astyanax scabripinnis rivularis (Lütken): Eigenmann, C. H. (1927): listing

***Psalidodon rutilus*** (Jenyns 1842)  
 original Tetragonopterus rutilus Jenyns 1842  
 record Tetragonopterus rutilus, Jen.: Boulenger, G. A. (1897): observation   
 Psalidodon rutilus (Jenyns 1842): AM Zanata, VA Bertaco, FCT Lima (2024): listing

***Psalidodon alleni*** (Eigenmann & McAtee 1907)  
 original Tetragonopterus alleni Eigenmann & McAtee 1907  
 record Tetragonopterus alleni Eigenmann & McAtee sp. nov.: Eigenmann, C. H., W. L. McAtee and D. P. Ward (1907): specimen   
 Ctenobrycon alleni: Farell, M. E. & F. Cancino (2007): observation   
 Ctenobrycon alleni: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Astyanax alleni: Baigún C.R.M., Minotti P.G. (2019): listing

***Psalidodon fasciatus*** (Cuvier 1819)  
 original Chalceus fasciatus Cuvier 1819  
 record Astyanax fasciatus (Cuvier): Eigenmann, C. H. (1921): listing   
 Astyanax fasciatus (Cuvier): Terrazas Urquidi, W. (1970): listing   
 Astyanax fasciatus: Sarmiento, J. & S. Barrera (1997): listing   
 Astyanax fasciatus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Astyanax fasciatus (Cuvier 1819): de Melo, F. A. G. and P. A. Buckup (2006): listing   
 Astyanax fasciatus: Baigún C.R.M., Minotti P.G. (2019): listing   
 Astyanax fasciatus: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Psalidodon pellegrini*** (Eigenmann 1907)  
 original Astyanax pelegrini Eigenmann 1907  
 record Astyanax pellegrini: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Astyanax pellegrini: Baigún C.R.M., Minotti P.G. (2019): listing

***Psalidodon eigenmanniorum*** (Cope 1894)  
 original Tetragonopterus eigenmanniorum Cope 1894  
 record Astyanax eigenmaniorum: Baigún C.R.M., Minotti P.G. (2019): listing

***Psalidodon erythropterus*** (Holmberg 1891)  
 original Tetragonopterus erythropterus Holmberg 1891  
 record Astyanax erythropterus: Baigún C.R.M., Minotti P.G. (2019): listing

***Psalidodon endy*** (Mirande, Aguilera & Azpelicueta 2006)  
 original Astyanax endy Mirande, Aguilera & Azpelicueta 2006  
 record Astyanax endy: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Astyanacinus***

***Astyanacinus moorii*** (Boulenger 1892)  
 original Tetragonopterus moorii Boulenger 1892  
 record Tetragonopterus moorii, Blgr.: Boulenger, G. A. (1897): observation   
 Astyanacinus moorii (Boulenger): Eigenmann, C. H. (1927): listing

***Hemigrammus***

***Hemigrammus ulreyi*** (Boulenger 1895)  
 original Tetragonopterus ulreyi Boulenger 1895  
 record Hemigrammus ulreyi (Boulenger): Ellis, M. D. (1911): specimen   
 Hemigrammus ulreyi (Boulenger): Eigenmann, C. H. (1918): listing specimen   
 Hemigrammus ulreyi (Boulenger): Terrazas Urquidi, W. (1970): listing   
 Hemigrammus ulreyi: Farell, M. E. & F. Cancino (2007): observation   
 Hemigrammus ulreyi: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Hemigrammus ulreyi: Hablützel et al. (in prep.): specimen

***Hemigrammus lunatus*** Durbin 1918  
 original Hemigrammus lunatus Durbin 1918  
 record Hemigrammus lunatus: Farell, M. E. & F. Cancino (2007): observation   
 Hemigrammus lunatus: Karina Osinaga & María Elizabeth Farell (2010): listing

***Moenkhausia***

***Moenkhausia dichroura*** (Kner 1858)  
 original Tetragonopterus dichrourus Kner 1858  
 record Moenkhausia dichroura (Kner): Eigenmann, C. H. (1917): specimen   
 Moenkhausia dichroura (Kner): Terrazas Urquidi, W. (1970): listing   
 Moenkhausia dichroura: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Moenkhausia dichroura: Farell, M. E. & F. Cancino (2007): observation illustration   
 Moenkhausia dichroura: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Moenkhausia dichroura: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Moenkhausia intermedia*** Eigenmann 1908  
 original Moenkhausia dichrourus intermedius Eigenmann 1908  
 record Moenkhausia intermedia: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Moenkhausia intermedia Eigenmann: James Anyelo Vanegas-Ríos, Ricardo Britzke and Juan Marcos Mirande (2019): listing   
 Moenkhausia intermedia: Baigún C.R.M., Minotti P.G. (2019): listing

***Moenkhausia bonita*** Benine, Castro & Sabino 2004  
 original Moenkhausia bonita Benine, Castro & Sabino 2004  
 record Moenkhausia bonita: Hablützel et al. (in prep.): specimen

***Astyanax***

***Astyanax lacustris*** (Lütken 1875)  
 original Astyanax (Poecilurichthys) bimaculatus paraguayensis Eigenmann 1921  
 record Astyanax (Poecilurichthys) bimaculatus paraguayensis, subsp. nov.: Eigenmann, C. H. (1921): specimen   
 Astyanax asuncionensis: Sarmiento J., Barrera S., Farfán C. (2019): listing   
 Astyanax lacustris: Hablützel et al. (in prep.): specimen

***Astyanax lineatus*** (Perugia 1891)  
 original Tetragonopterus lineatus Perugia 1891  
 record Astyanax lineatus (Perugia): Fowler, H. W. (1940): observation   
 Astyanax lineatus (Perugia): Terrazas Urquidi, W. (1970): listing   
 Astyanax lineatus: Sarmiento, J. & S. Barrera (1997): listing   
 Astyanax lineatus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Astyanax lineatus: Baigún C.R.M., Minotti P.G. (2019): listing   
 Astyanax lineatus: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Astyanax bimaculatus*** (Linnaeus 1758)  
 original Salmo bimaculatus Linnaeus 1758  
 record Astyanax bimaculatus (Linneaus): Fowler, H. W. (1940): observation   
 Astyanax bimaculatus: Sarmiento, J. & S. Barrera (1997): listing   
 Astyanax bimaculatus: Farell, M. E. & F. Cancino (2007): observation   
 Astyanax bimaculatus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Astyanax bimaculatus (Linnaeus 1758): Garutti, V. and H. A. Britski (2000): listing   
 Astyanax bimaculatus: Baigún C.R.M., Minotti P.G. (2019): listing

***Astyanax abramis*** (Jenyns 1842)  
 original Tetragonopterus abramis Jenyns 1842  
 record Astyanax abramis: Farell, M. E. & F. Cancino (2007): observation   
 Astyanax abramis: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Astyanax abramis: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Bario***

***Bario sanctaefilomenae*** (Steindachner 1907)  
 original Tetragonopterus sanctaefilomenae Steindachner 1907  
 record Moenkhausia sanctae filomenae (Steindachner): Eigenmann, C. H. (1917): specimen   
 Moenkhausia sanctaefilomenae: Farell, M. E. & F. Cancino (2007): observation illustration   
 Moenkhausia sanctaefilomenae: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Moenkhausia sanctaefilomenae (Steindachner): Lais Reia, Ana Maria P. f. Vicensotto, Claudio Oliveira & Ricardo C. Benine (2019): listing

***Bario forestii*** (Benine, Mariguela & Oliveira 2009)  
 original Moenkhausia forestii Benine, Mariguela & Oliveira 2009  
 record Bario forestii: Hablützel et al. (in prep.): specimen

***Ctenobrycon***

***Ctenobrycon kennedyi*** (Eigenmann 1903)  
 original Hemigrammus kennedyi Eigenmann 1903  
 record Psellogrammus kennedyi (Eigenmann): Eigenmann, C. H. (1927): specimen   
 Psellogrammus kennedyi: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Psellogrammus kennedyi: Farell, M. E. & F. Cancino (2007): observation   
 Psellogrammus kennedyi: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Psellogrammus kennedy: Sarmiento J., Barrera S., Farfán C. (2019): listing   
 Ctenobrycon kennedyi: Hablützel et al. (in prep.): specimen

***Oligosarcus***

***Oligosarcus bolivianus*** (Fowler 1940)  
 original Acestrorhamphus bolivianus Fowler 1940  
 record Acestrorhamphus bolivianus new species: Fowler, H. W. (1940): observation   
 Acestrorhamphus bolivianus Fowler: Terrazas Urquidi, W. (1970): listing   
 Oligosarcus bolivianus: Sarmiento, J. & S. Barrera (1997): listing   
 Oligoasrcus bolivianus: Baigún C.R.M., Minotti P.G. (2019): listing   
 Oligosarcus bolivianus: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Megalamphodus***

***Megalamphodus eques*** (Steindachner 1882)  
 original Tetragonopterus callistus Boulenger 1900  
 record Hyphessobrycon callistus (Boulenger): Terrazas Urquidi, W. (1970): listing   
 Hyphessobrycon callistus: Schindler, I., & W. Staeck (1993): observation   
 Hyphessobrycon eques: Farell, M. E. & F. Cancino (2007): observation   
 Hyphessobrycon eques: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Hyphessobrycon callistis: Baigún C.R.M., Minotti P.G. (2019): listing   
 Megalamphodus eques: Hablützel et al. (in prep.): specimen

***Gymnocorymbus***

***Gymnocorymbus ternetzi*** (Boulenger 1895)  
 original Tetragonopterus ternetzi Boulenger 1895  
 record Gymnocorymbus ternetzi: Farell, M. E. & F. Cancino (2007): observation   
 Gymnocorymbus ternetzi: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Gymnocorymbus ternetzi: Hablützel et al. (in prep.): specimen

***Poptella***

***Poptella paraguayensis*** (Eigenmann 1907)  
 original Fowlerina paraguayensis Eigenmann 1907  
 record Poptella paraguayensis: Farell, M. E. & F. Cancino (2007): observation illustration   
 Poptella paraguayensis: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Poptella paraguayensis: Hablützel et al. (in prep.): specimen

***Hyphessobrycon***

***Hyphessobrycon elachys*** Weitzman 1985  
 original Hyphessobrycon elachys Weitzman 1985  
 record Hyphessobrycon elachys: Hablützel et al. (in prep.): specimen

family **Characidae**

***Holoshesthes***

***Holoshesthes pequira*** (Steindachner 1882)  
 original Chirodon pequira Steindachner 1882  
 record Chirodon pequira, Stdr.: Boulenger, G. A. (1897): observation   
 Holesthes pequira (Steindachner): Eigenmann, C. H. (1915): listing   
 Holoshestes pequira: Sarmiento, J. & S. Barrera (1997): listing   
 Holoshesthes pequira: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Odontostilbe pequira: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Odontostilbe pequira: Baigún C.R.M., Minotti P.G. (2019): listing   
 Holoshesthes pequira: Hablützel et al. (in prep.): specimen

***Roeboides***

***Roeboides affinis*** (Günther 1868)  
 original Anacyrtus prognathus Boulenger 1895  
 record Roeboides prognathus Boulenger: Eigenmann, C. H., W. L. McAtee and D. P. Ward (1907): specimen   
 Roeboides prognathus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Roeboides affinis: Hablützel et al. (in prep.): specimen

***Roeboides microlepis*** (Reinhardt 1851)  
 original Epicyrtus microlepis Reinhardt 1851  
 record Roeboides microlepis Eigenmann & Kennedy: Terrazas Urquidi, W. (1970): listing   
 Roeboides bonariensis: Farell, M. E. & F. Cancino (2007): observation   
 Roeboides bonariensis: Karina Osinaga & María Elizabeth Farell (2010): listing

***Roeboides descalvadensis*** Fowler 1932  
 original Roeboides paranensis Pignalberi 1975  
 record Roeboides paranensis: Farell, M. E. & F. Cancino (2007): observation illustration   
 Roeboides descalvadensis: Karina Osinaga & María Elizabeth Farell (2010): listing

***Odontostilbe***

***Odontostilbe microcephala*** Eigenmann 1907  
 original Odontostilbe microcephalus Eigenmann 1907  
 record Odontostilbe microcephalus Eigenmann, new species: Eigenmann, C. H. and F. Ogle (1907): specimen   
 Odontostilbe microcephalus Eigenmann, 1907: Eigenmann, C. H. (1915): specimen   
 Odontostilbe microcephalus Eigenmann: Fowler, H. W. (1940): listing observation   
 Odontostilbe microcephalus Eigenmann sp. nov.: Terrazas Urquidi, W. (1970): listing   
 Odontostilbe microcephalus: Sarmiento, J. & S. Barrera (1997): listing   
 Odontostilbe microcephalus: Baigún C.R.M., Minotti P.G. (2019): listing   
 Odontostilbe microcephalus: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Odontostilbe paraguayensis*** Eigenmann & Kennedy 1903  
 original Odontostilbe paraguayensis Eigenmann & Kennedy 1903  
 record Odontostilbe paraguayensis: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Odontostilbe paraguayensis: Farell, M. E. & F. Cancino (2007): observation   
 Odontostilbe paraguayensis: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Odontostilbe paraguayensis: Baigún C.R.M., Minotti P.G. (2019): listing

***Aphyocharax***

***Aphyocharax anisitsi*** Eigenmann & Kennedy 1903  
 original Aphyocharax anisitsi Eigenmann & Kennedy 1903  
 record Aphyocharax anisitsi Eigenmann & Kennedy: Eigenmann, C. H. (1915): specimen   
 Aphyocharax anisitsi: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Aphyocharax anisitsi: Farell, M. E. & F. Cancino (2007): observation   
 Aphyocharax anisitsi: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Aphyocharax anisitsi: Baigún C.R.M., Minotti P.G. (2019): listing   
 Aphyocharax anisitsi: Hablützel et al. (in prep.): specimen

***Aphyocharax gracilis*** Fowler 1940  
 original Aphyocharax gracilis Fowler 1940  
 record Aphyocharax gracilis new species: Fowler, H. W. (1940): specimen specimen   
 Aphyocharax gracilis Fowler: Terrazas Urquidi, W. (1970): listing   
 Aphyocharax gracilis: Sarmiento, J. & S. Barrera (1997): listing   
 Aphyocharax gracilis: Baigún C.R.M., Minotti P.G. (2019): listing

***Aphyocharax dentatus*** Eigenmann & Kennedy 1903  
 original Aphyocharax dentatus Eigenmann & Kennedy 1903  
 record Aphyocharax dentatus: Sarmiento, J. & S. Barrera (1997): listing   
 Aphyocharax dentatus: Baigún C.R.M., Minotti P.G. (2019): listing   
 Aphyocharax dentatus: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Aphyocharax rathbuni*** Eigenmann 1907  
 original Aphyocharax rathbuni Eigenmann 1907  
 record Aphyocharax rathbuni: Schindler, I., & W. Staeck (1993): observation   
 Aphyocharax rathbuni: Farell, M. E. & F. Cancino (2007): observation   
 Aphyocharax rathbuni: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Aphyocharax rathbuni: Hablützel et al. (in prep.): specimen

***Aphyocharax nattereri*** (Steindachner 1882)  
 original Chirodon nattereri Steindachner 1882  
 record Aphyocharax nattereri: Farell, M. E. & F. Cancino (2007): observation   
 Aphyocharax nattereri: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Aphyocharax nattereri: Hablützel et al. (in prep.): specimen

***Aphyocharax pusillus*** (Günther 1868)  
 original Chirodon alburnus Günther 1869  
 record Aphyocharax alburnus: Baigún C.R.M., Minotti P.G. (2019): listing

***Prionobrama***

***Prionobrama paraguayensis*** (Eigenmann 1914)  
 original Bleptonema paraguayensis Eigenmann 1914  
 record Prionobrama paraguayensis (Eigenmann): Eigenmann, C. H. (1915): specimen   
 Prionobrama paraguayensis Eigenmann: Terrazas Urquidi, W. (1970): listing   
 Prionobrama paraguayensis: Farell, M. E. & F. Cancino (2007): observation illustration

***Serrapinnus***

***Serrapinnus piaba*** (Lütken 1875)  
 original Chirodon piaba Lütken 1875  
 record Cheirodon piaba Lütken: Eigenmann, C. H. (1915): specimen   
 Serrapinnus piaba: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Serrapinnus piaba (Lütken, 1875): FC Jerep, LR Malabarba, J Chuctaya (2024): listing   
 Serrapinnus piaba: Baigún C.R.M., Minotti P.G. (2019): listing

***Serrapinnus calliurus*** (Boulenger 1900)  
 original Chirodon calliurus Boulenger 1900  
 record Serrapinnus calliurus: Farell, M. E. & F. Cancino (2007): observation illustration   
 Serrapinnus calliurus: Karina Osinaga & María Elizabeth Farell (2010): listing

***Serrapinnus kriegi*** (Schindler 1937)  
 original Cheirodon kriegi Schindler 1937  
 record Serrapinnus kriegi: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Serrapinnus kriegi: Hablützel et al. (in prep.): specimen

***Serrapinnus microdon*** (Eigenmann 1915)  
 original Cheirodon microdon Eigenmann 1915  
 record Serrapinnus microdon: Karina Osinaga & María Elizabeth Farell (2010): listing

***Tetragonopterus***

***Tetragonopterus argenteus*** Cuvier 1816  
 original Tetragonopterus argenteus Cuvier 1816  
 record Tetragonopterus argenteus (Cuvier): Terrazas Urquidi, W. (1970): listing   
 Tetragonopterus argenteus: Farell, M. E. & F. Cancino (2007): observation illustration   
 Tetragonopterus argenteus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Tetragonopterus argenteus: Hablützel et al. (in prep.): specimen

***Charax***

***Charax gibbosus*** (Linnaeus 1758)  
 original Salmo gibbosus Linnaeus 1758  
 record Charax gibbosus (Linné): Terrazas Urquidi, W. (1970): listing   
 : Lucena, C. A. S. de (1987): listing   
 Charax gibbosus (Linnaeus 1758): Menezes, N. A. and C. A. S. de Lucena (2014): listing

***Charax leticiae*** Lucena 1987  
 original Charax leticiae Lucena 1987  
 record Charax leticiae: Farell, M. E. & F. Cancino (2007): observation   
 Charax leticiae: Karina Osinaga & María Elizabeth Farell (2010): listing

***Galeocharax***

***Galeocharax gulo*** (Cope 1870)  
 original Anacyrtus (Cynopotamus) knerii Steindachner 1879  
 record Cynopotamus knerii (Steindachner): Terrazas Urquidi, W. (1970): listing   
 Galeocharax gulo (Cope, 1870): Giovannetti, V., M. Toledo-Piza and N. A. Menezes (2017): listing

***Prodontocharax***

***Cheirodon***

***Characidae***

***Cheirodontinae***

***Phenacogaster***

***Phenacogaster tegatus*** (Eigenmann 1911)  
 original Vesicatrus tegatus Eigenmann 1911  
 record Phenacogaster tegatus: Farell, M. E. & F. Cancino (2007): observation   
 Phenacogaster tegatus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Phenacogaster tegatus: Hablützel et al. (in prep.): specimen

***Aphyocheirodon***

***Aphyocheirodon hemigrammus*** Eigenmann 1915  
 original Aphyocheirodon hemigrammus Eigenmann 1915  
 record Aphyocheirodon hemigrammus: Karina Osinaga & María Elizabeth Farell (2010): listing

***Cynopotamus***

***Cynopotamus argenteus*** (Valenciennes 1837)  
 original Hydrocyon argenteum Valenciennes 1837  
 record Cynopotamus argenteus: Karina Osinaga & María Elizabeth Farell (2010): listing

***Microschemobrycon***

***Pseudocheirodon***

***Saccoderma***

***Saccoderma hastata*** (Eigenmann 1913)  
 original Odontostilbe hastatus Eigenmann 1913  
 record Saccoderma hastata: Baigún C.R.M., Minotti P.G. (2019): listing

family **Bryconidae**

***Brycon***

***Brycon orbignyanus*** (Valenciennes 1850)  
 original Chalceus orbignyanus Valenciennes 1850  
 record Brycon orbignianus, C. & V.: Boulenger, G. A. (1897): observation   
 Brycon orbygnianus (Valenciennes): Terrazas Urquidi, W. (1970): listing

***Brycon hilarii*** (Valenciennes 1850)  
 original Chalceus hilarii Valenciennes 1850  
 record Brycon hilarii: Karina Osinaga & María Elizabeth Farell (2010): listing

***Salminus***

***Salminus brasiliensis*** (Cuvier 1816)  
 original Salminus maxillosus Valenciennes 1850  
 record Salminus maxillosus Valenciennes: Terrazas Urquidi, W. (1970): listing   
 Salminus maxillosus: Sarmiento, J. & S. Barrera (1997): listing   
 Salminus brasiliensis: Baigún C.R.M., Minotti P.G. (2019): listing   
 Salminus brasiliensis: Sarmiento J., Barrera S., Farfán C. (2019): listing

family **Serrasalmidae**

***Serrasalmus***

***Serrasalmus serrulatus*** (Valenciennes 1850)  
 original Pygopristis serrulatus Valenciennes 1850  
 record Serrasalmo serrulatus, C. & V.: Boulenger, G. A. (1897): observation

***Serrasalmus spilopleura*** 1858  
 original Serrasalmus spilopleura 1858  
 record Serrasalmo spilopeura Kner: Eigenmann, C. H., W. L. McAtee and D. P. Ward (1907): specimen   
 Serrasalmo spilopleura Kner: Eigenmann, C. (1910): listing   
 Serrasalmo spilopleura Kner: Eigenmann, C. H. (1915): specimen   
 Serrasalmo spilopleura Kner: Eigenmann, C. H. (1915): listing   
 Serrasalmus spilopleura: Karina Osinaga & María Elizabeth Farell (2010): listing

***Serrasalmus marginatus*** Valenciennes 1837  
 original Serrasalmus marginatus Valenciennes 1837  
 record Serrasalmus marginatus (Valenciennes): Terrazas Urquidi, W. (1970): listing   
 Serrasalmus marginatus: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Serrasalmus marginatus: Farell, M. E. & F. Cancino (2007): observation   
 Serrasalmus marginatus: Karina Osinaga & María Elizabeth Farell (2010): listing

***Metynnis***

***Metynnis mola*** Eigenmann & Kennedy 1903  
 original Metynnis mola Eigenmann & Kennedy 1903  
 record Metynnis mola (Eigenmann & Kennedy): Eigenmann, C. H., W. L. McAtee and D. P. Ward (1907): specimen   
 Metynnis mola (Eigenmann & Kennedy): Ahl, E. (1925): observation   
 Metynnis mola: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Metynnis mola: Farell, M. E. & F. Cancino (2007): observation illustration   
 Metynnis mola: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Metynnis mola: Hablützel et al. (in prep.): specimen

***Metynnis otuquensis*** Ahl 1924  
 original Metynnis otuquensis Ahl 1924  
 record Metynnis otuquensis sp. n.: Ahl, E. (1925): specimen

***Metynnis maculatus*** (Kner 1858)  
 original Myletes maculatus Kner 1858  
 record Metynnis maculatus: Karina Osinaga & María Elizabeth Farell (2010): listing

***Pygocentrus***

***Pygocentrus nattereri*** Kner 1858  
 original Serrasalmo (Pygocentrus) ternetzi Steindachner 1908  
 record Serrasalmus ternetzi (Steindachner): Terrazas Urquidi, W. (1970): listing   
 Pygocentrus nattereri: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Pygocentrus nattereri: Farell, M. E. & F. Cancino (2007): observation   
 Pygocentrus nattereri: Karina Osinaga & María Elizabeth Farell (2010): listing

***Piaractus***

***Piaractus brachypomus*** (Cuvier 1818)  
 original Myletes brachypomus Cuvier 1818  
 record Colossoma brachipomum (Cuvier): Terrazas Urquidi, W. (1970): listing

***Piaractus mesopotamicus*** (Holmberg 1887)  
 original Myletes mitrei Berg 1895  
 record Piaractus mitrei: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Piaractus mesopotamicus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Piaractus mesopotamicus: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Mylossoma***

***Mylossoma duriventre*** (Cuvier 1818)  
 original Myletes duriventris Cuvier 1818  
 record Mylossoma duriventre (Cuvier): Terrazas Urquidi, W. (1970): listing   
 Mylossoma durivientre: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Mylossoma duriventre: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Myloplus***

***Myloplus rubripinnis*** (Müller & Troschel 1844)  
 original Myletes rubripinnis Müller & Troschel 1844  
 record Myloplus rubripinnis (Müller & Troschel): Terrazas Urquidi, W. (1970): listing   
 Myloplus rubripinnis Müller & Troschel, 1844: Jégu, M., N. Hubert and E. Belmont-Jégu (2004): listing

***Myloplus levis*** (Eigenmann & McAtee 1907)  
 original Myleus levis Eigenmann & McAtee 1907  
 record Myleus levis: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Myloplus levis: Hablützel et al. (in prep.): specimen

***Catoprion***

***Catoprion mento*** (Cuvier 1819)  
 original Serrasalmus mento Cuvier 1819  
 record Catoprion mento: Karina Osinaga & María Elizabeth Farell (2010): listing

family **Stevardiidae**

***Piabina***

***Piabina thomasi*** (Fowler 1940)  
 original Bryconamericus thomasi Fowler 1940  
 record Bryconamericus thomasi new species: Fowler, H. W. (1940): observation   
 Bryocnamericus thomasi: Sarmiento, J. & S. Barrera (1997): listing   
 Bryconamericus thomasi: Baigún C.R.M., Minotti P.G. (2019): listing

***Piabina argentea*** Reinhardt 1867  
 original Piabina argentea Reinhardt 1867  
 record Piabina argentea: Karina Osinaga & María Elizabeth Farell (2010): listing

***Acrobrycon***

***Acrobrycon tarijae*** Fowler 1940  
 original Acrobrycon tarijae Fowler 1940  
 record Acrobrycon tarijae new species: Fowler, H. W. (1940): observation   
 Acrobrycon tarijae Fowler: Terrazas Urquidi, W. (1970): listing   
 Acrobrycon tarijae: Sarmiento, J. & S. Barrera (1997): listing   
 Acrobrycon tarijae: Baigún C.R.M., Minotti P.G. (2019): listing   
 Acrobrycon tarijae: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Bryconamericus***

***Bryconamericus exodon*** Eigenmann 1907  
 original Bryconamericus exodon Eigenmann 1907  
 record Bryconamericus exodon Eigenmann: Terrazas Urquidi, W. (1970): listing   
 Bryconamericus exodon: Karina Osinaga & María Elizabeth Farell (2010): listing

***Bryconamericus iheringii*** (Boulenger 1887)  
 original Tetragonopterus iheringii Boulenger 1887  
 record Bryconamericus ieheringi (Boulenger): Terrazas Urquidi, W. (1970): listing   
 Bryconamericus iheringii: Sarmiento, J. & S. Barrera (1997): listing   
 Bryconamericus iheringi: Baigún C.R.M., Minotti P.G. (2019): listing

***Bryconamericus indefessus*** (Mirande, Aguilera & Azpelicueta 2004)  
 original Nans indefessus Mirande, Aguilera & Azpelicueta 2004  
 record Nans indefessus: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Markiana***

***Markiana nigripinnis*** (Perugia 1891)  
 original Tetragonopterus nigripinnis Perugia 1891  
 record Markiana nigripinnis (Perugia): Terrazas Urquidi, W. (1970): listing   
 Markiana nigripinnis: Farell, M. E. & F. Cancino (2007): observation   
 Markiana nigripinnis: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Markiana nigripinnis: Hablützel et al. (in prep.): specimen

***Piabarchus***

***Piabarchus stramineus*** (Eigenmann 1908)  
 original Bryconamericus stramineus Eigenmann 1908  
 record Bryocnamericus stramineus: Sarmiento, J. & S. Barrera (1997): listing   
 Bryconamericus stramineus: Baigún C.R.M., Minotti P.G. (2019): listing

***Ceratobranchia***

***Monotocheirodon***

***Hemibrycon***

family **Lebiasinidae**

***Pyrrhulina***

***Pyrrhulina brevis*** Steindachner 1876  
 original Pyrrhulina brevis Steindachner 1876  
 record Pyrrhulina brevis Steindachner: Terrazas Urquidi, W. (1970): listing   
 Pyrrhulina brevis Steindachner 1876: Weitzman MJ, Weitzman SH. Lebiasinidae. In: Reis RE, Kullander SO, Ferraris CJ, Jr. (eds): listing

***Pyrrhulina australis*** Eigenmann & Kennedy 1903  
 original Pyrrhulina australe Eigenmann & Kennedy 1903  
 record Pyrrhulina australis: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Pyrrhulina australis: Farell, M. E. & F. Cancino (2007): observation   
 Pyrrhulina australis: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Pyrrhulina australis: Hablützel et al. (in prep.): specimen

***Lebiasinidae***

family **Gasteropelecidae**

***Thoracocharax***

***Thoracocharax stellatus*** (Kner 1858)  
 original Gastropelecus stellatus Kner 1858  
 record Thoracocharax stellatus (Kner): Terrazas Urquidi, W. (1970): listing

family **Acestrorhynchidae**

***Acestrorhynchus***

***Acestrorhynchus falcatus*** (Bloch 1794)  
 original Salmo falcatus Bloch 1794  
 record Acestrorhynchus falcatus (Bloch): Terrazas Urquidi, W. (1970): listing

***Acestrorhynchus altus*** Menezes 1969  
 original Acestrorhynchus altus Menezes 1969  
 record Acestrorhynchus altus: Sarmiento, J. & S. Barrera (1997): listing   
 : Paradeda MC. Estudo taxonômico das espécies de Acestrorhynchus do grupo lacustris e atualização dos dados de distribuição geográfica de todas as espécies do gênero para os rios brasileiros. [MSc Dissertation]. São Paulo, SP: Universidade de São Paulo; 2015.: listing   
 : Menezes, N. A. (1969): listing   
 : Menezes, N. A. (1992): listing   
 Acestrorhynchus altus: Baigún C.R.M., Minotti P.G. (2019): listing

***Acestrorhynchus pantaneiro*** Menezes 1992  
 original Acestrorhynchus pantaneiro Menezes 1992  
 record Acestrorhynchus pantaneiro: Farell, M. E. & F. Cancino (2007): observation   
 Acestrorhynchus pantaneiro: Karina Osinaga & María Elizabeth Farell (2010): listing

family **Erythrinidae**

***Hoplias***

***Hoplias malabaricus*** (Bloch 1794)  
 original Esox malabaricus Bloch 1794  
 record Hoplias malabaricus (Bloch): Terrazas Urquidi, W. (1970): listing   
 Hoplias malabaricus: Sarmiento, J. & S. Barrera (1997): listing   
 Hoplias malabaricus: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Hoplias malabaricus: Farell, M. E. & F. Cancino (2007): observation   
 Hoplias malabaricus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Hoplias malabaricus: Baigún C.R.M., Minotti P.G. (2019): listing   
 Hoplias malabaricus: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Hoplias misionera*** Rosso, Mabragaña, González-Castro, Delpiani, Avigliano, Schenone & Diaz de Astarioa  
 original Hoplias misionera Rosso, Mabragaña, González-Castro, Delpiani, Avigliano, Schenone & Diaz de Astarioa  
 record Hoplias misionera: Hablützel et al. (in prep.): specimen

***Hoplerythrinus***

***Hoplerythrinus unitaeniatus*** (Spix & Agassiz 1829)  
 original Erythrinus unitaeniatus Spix & Agassiz 1829  
 record Hoplerythrinus unitaeniatus Spix: Terrazas Urquidi, W. (1970): listing   
 Hoplerythrinus unitaeniatus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Hoplerythrinus unitaeniatus: Hablützel et al. (in prep.): specimen

***Erythrinus***

***Erythrinus erythrinus*** (Bloch & Schneider 1801)  
 original Synodus erythrinus Bloch & Schneider 1801  
 record Erythrinus erythrinus: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation

family **Hemiodontidae**

***Hemiodus***

***Hemiodus orthonops*** Eigenmann & Kennedy 1903  
 original Hemiodus orthonops Eigenmann & Kennedy 1903  
 record Anisitsia orthonops Eigenmann & Kennedy: Terrazas Urquidi, W. (1970): listing   
 Hemiodus orthonops: Karina Osinaga & María Elizabeth Farell (2010): listing

family **Curimatidae**

***Steindachnerina***

***Steindachnerina dobula*** (Günther 1868)  
 original Curimatus nasus Steindachner 1882  
 record Curimata nasa Steindachner: Terrazas Urquidi, W. (1970): listing   
 Steindachnerina dobula: Sarmiento, J. & S. Barrera (1997): listing   
 Steindachnerina dobula (Günther 1868): Vari, R. P. (1991): listing

***Steindachnerina binotata*** (Pearson 1924)  
 original Curimatus binotatus Pearson 1924  
 record Curimata binotata Pearson sp. nov.: Terrazas Urquidi, W. (1970): listing   
 Steindachnerina binotata (Pearson 1924): Vari, R. P. (1991): listing

***Steindachnerina brevipinna*** (Eigenmann & Eigenmann 1889)  
 original Curimatus gilberti var. brevipinnis Eigenmann & Eigenmann 1889  
 record Steindachnerina brevipinna: Sarmiento, J. & S. Barrera (1997): listing   
 Steindachnerina brevipinna: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Steindachnerina brevipinna: Farell, M. E. & F. Cancino (2007): observation illustration   
 Potamorhina brevipinna: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Steindachnerina brevipinna: Hablützel et al. (in prep.): specimen

***Steindachnerina conspersa*** (Holmberg 1891)  
 original Curimatus conspersus Holmberg 1891  
 record Steindachnerina conspersa: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Steindachnerina conspersa: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Steindachnerina conspersa: Hablützel et al. (in prep.): specimen

***Curimatella***

***Curimatella dorsalis*** (Eigenmann & Eigenmann 1889)  
 original Curimatus dorsalis Eigenmann & Eigenmann 1889  
 record Curimatella dorsalis: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Curimatella dorsalis: Farell, M. E. & F. Cancino (2007): observation   
 Curimatella dorsalis: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Curimatella dorsalis: Hablützel et al. (in prep.): specimen

***Cyphocharax***

***Cyphocharax gillii*** (Eigenmann & Kennedy 1903)  
 original Curimatus gillii Eigenmann & Kennedy 1903  
 record Cyphocharax gillii: Farell, M. E. & F. Cancino (2007): observation   
 Cyphocharax gillii: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Cyphocharax gillii: Hablützel et al. (in prep.): specimen

***Cyphocharax platanus*** (Günther 1880)  
 original Curimatus platanus Günther 1880  
 record Curimatorbis platanus: Baigún C.R.M., Minotti P.G. (2019): listing

***Potamorhina***

***Potamorhina squamoralevis*** (Braga & Azpelicueta 1983)  
 original Semitapiscis squamoralevis Braga & Azpelicueta 1983  
 record Potamorhina squamoralevis: Farell, M. E. & F. Cancino (2007): observation   
 Potamorhina squamoralevis: Karina Osinaga & María Elizabeth Farell (2010): listing

***Curimata***

***Curimatopsis***

***Curimatopsis myersi*** Vari 1982  
 original Curimatopsis myersi Vari 1982  
 record Curimatopsis myersi: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Curimatopsis myersi: Hablützel et al. (in prep.): specimen

***Psectrogaster***

***Psectrogaster curviventris*** Eigenmann & Kennedy 1903  
 original Psectrogaster curviventris Eigenmann & Kennedy 1903  
 record Psectrogaster curivientris: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Psectrogaster curviventris: Hablützel et al. (in prep.): specimen

family **Iguanodectidae**

***Bryconops***

***Bryconops melanurus*** (Bloch 1974)  
 original Salmo melanurus Bloch 1794  
 record Bryconops melanurus: Karina Osinaga & María Elizabeth Farell (2010): listing

***Piabucus***

***Piabucus melanostoma*** Holmberg 1891  
 original Piabuca melanostoma Holmberg 1891  
 record Piabucus melanostomus: Farell, M. E. & F. Cancino (2007): observation   
 Piabucus melanostoma: Karina Osinaga & María Elizabeth Farell (2010): listing

family **Triportheidae**

***Triportheus***

***Triportheus nematurus*** (Kner 1858)  
 original Chalcinus paranensis Günther 1874  
 record Triportheus paranensis: Farell, M. E. & F. Cancino (2007): observation   
 Triportheus nematurus: Karina Osinaga & María Elizabeth Farell (2010): listing

***Triportheus pantanensis*** Malabarba 2004  
 original Triportheus pantanensis Malabarba 2004  
 record Triportheus pantanensis: Hablützel et al. (in prep.): specimen

family **Cynodontidae**

***Rhaphiodon***

***Rhaphiodon vulpinus*** Spix & Agassiz  
 original Rhaphiodon vulpinus Spix & Agassiz  
 record Rhaphiodon vulpinus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Rhaphiodon vulpinus: Sarmiento J., Barrera S., Farfán C. (2019): listing

order **Cyprinodontiformes**

family **Poeciliidae**

***Cnesterodon***

***Cnesterodon decemmaculatus*** (Jenyns 1842)  
 original Poecilia decemmaculata Jenyns 1842  
 record Girardinus decemmaculatus, Jen.: Boulenger, G. A. (1897): observation   
 Cnesterodon decem-maculatus (Jenyns): Henn, A. W. (1916): listing

***Poecilia***

***Poecilia hasemani*** (Henn 1916)  
 original Heterandria hasemani Henn 1916  
 record Heterandria hasemani Henn sp. nov.: Henn, A. W. (1916): specimen specimen   
 Poecilia hasemani: Kullander, S. O. (1987): observation   
 Poecilia hasemani (Henn): Rosen, D. E. and R. M. Bailey (1963): specimen   
 Pamphorichthys hasemani: Karina Osinaga & María Elizabeth Farell (2010): listing

***Poeciliidae***

family **Rivulidae**

***Melanorivulus***

***Melanorivulus punctatus*** (Boulenger 1895)  
 original Rivulus punctatus Boulenger 1895  
 record Rivulus punctatus Boulenger: Henn, A. W. (1916): specimen   
 Rivulus punctatus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Melanorivulus punctatus: Hablützel et al. (in prep.): specimen

***Pterolebias***

***Pterolebias phasianus*** Costa 1988  
 original Pterolebias phasianus Costa 1988  
 record Pterolebias phasianus Costa, 1988: Schindler, I., & W. Staeck (1993): specimen

***Pterolebias longipinnis*** Garman 1895  
 original Pterolebias longipinnis Garman 1895  
 record Pterolebias longipinnis Garman, 1895: Schindler, I., & W. Staeck (1993): specimen

***Simpsonichthys***

***Trichomycterus***

***Trichomycterus balzanii*** (Perugia 1891)  
 original Haplochilus balzanii Perugia 1891  
 record Trigonectes balzanii: Karina Osinaga & María Elizabeth Farell (2010): listing

family **Anablepidae**

***Jenynsia***

***Jenynsia lineata*** (Jenyns 1842)  
 original Lebias lineata Jenyns 1842  
 record Jenynsia lineata: Sarmiento, J. & S. Barrera (1997): listing   
 Jenynsia multidentata: Baigún C.R.M., Minotti P.G. (2019): listing

order **Synbranchiformes**

family **Synbranchidae**

***Synbranchus***

***Synbranchus marmoratus*** Bloch 1795  
 original Synbranchus marmoratus Bloch 1795  
 record Synbranchus marmoratus, Bl.: Boulenger, G. A. (1897): observation   
 Synbranchus marmoratus Bloch: Terrazas Urquidi, W. (1970): listing   
 Synbranchus marmoratus: Sarmiento, J. & S. Barrera (1997): listing   
 Synbranchus marmoratus: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Synbranchus marmoratus: Farell, M. E. & F. Cancino (2007): observation   
 Synbranchus marmoratus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Synbranchus marmoratus: Baigún C.R.M., Minotti P.G. (2019): listing   
 Synbranchus marmoratus: Sarmiento J., Barrera S., Farfán C. (2019): listing   
 Synbranchus marmoratus: Hablützel et al. (in prep.): specimen

order **Cichliformes**

family **Cichlidae**

***Bujurquina***

***Bujurquina vittata*** (Heckel 1840)  
 original Aequidens paraguayensis Eigenmann & Kennedy 1903  
 record Aequidens paraguayensis Eigenmann & Kennedy: Eigenmann, C. H., W. L. McAtee and D. P. Ward (1907): specimen   
 Aequidens paraguayensis Eigenmann & Kennedy: Haseman, J. D. (1911): specimen   
 Aequidens paraguayensis Eigenmann & Kennedy: Terrazas Urquidi, W. (1970): listing   
 Bujurquina vittata: Farell, M. E. & F. Cancino (2007): observation   
 Bujurquina vittata: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Bujurquina vittata: Hablützel et al. (in prep.): specimen

***Bujurquina oenolaemus*** Kullander 1987  
 original Bujurquina oenolaemus Kullander 1987  
 record Bujurquina oenolaemus sp. n.: Kullander, S. O. (1987): specimen   
 Bujurquina oenolaemus: Farell, M. E. & F. Cancino (2007): observation illustration   
 Bujurquina oenolaemus: Karina Osinaga & María Elizabeth Farell (2010): listing

***Chaetobranchopsis***

***Chaetobranchopsis australis*** Eigenmann & Ward 1907  
 original Chaetobranchopsis australe Eigenmann & Ward 1907  
 record Chaetobranchopsis australis Eigenmann and Ward: Haseman, J. D. (1911): specimen   
 Chaetobranchopsis australis: Farell, M. E. & F. Cancino (2007): observation   
 Chaetobranchopsis australis: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Chaetobranchopsis australis: Hablützel et al. (in prep.): specimen

***Cichlasoma***

***Cichlasoma portalegrense*** (Hensel 1870)  
 original Acara portalegrensis Hensel 1870  
 record Aequidens portalegrensis (Hensel): Haseman, J. D. (1911): specimen   
 Crenicichla portalegrense (Hensel, 1870): Kullander, S. O. (2003): listing

***Cichlasoma dimerus*** (Heckel 1840)  
 original Acara dimerus Heckel 1840  
 record Cichlasoma dimerus: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Cichlasoma dimerus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Cichlasoma dimerus: Hablützel et al. (in prep.): specimen

***Cichlasoma boliviense*** Kullander 1983  
 original Cichlasoma boliviense Kullander 1983  
 record Cichlasoma boliviense: Farell, M. E. & F. Cancino (2007): observation   
 Cichlasoma boliviense: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Crenicichla boliviense Kullander, 1983: Kullander, S. O. (2003): listing

***Laetacara***

***Laetacara dorsigera*** (Heckel 1840)  
 original Acara dorsiger Heckel 1840  
 record Aequidens dorsigera (Heckel): Haseman, J. D. (1911): specimen   
 Aequidens dorsigerus: Terrazas Urquidi, W. (1970): listing   
 Laetacara dorsigera: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Laetacara dorsigera: Hablützel et al. (in prep.): specimen

***Crenicichla***

***Crenicichla semifasciata*** (Heckel 1840)  
 original Crenicichla simoni Haseman 1911  
 record Crenicichla simoni, sp. nov.: Haseman, J. D. (1911): specimen   
 Batrachops ocellatus (Perugia): Terrazas Urquidi, W. (1970): listing   
 Crenicichla semifasciata: Farell, M. E. & F. Cancino (2007): observation   
 Crenicichla semifasciata: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Crenicichla semifasciata: Hablützel et al. (in prep.): specimen

***Crenicichla vittata*** Heckel 1840  
 original Crenicichla vittata Heckel 1840  
 record Crenicichla vittata Heckel: Terrazas Urquidi, W. (1970): listing   
 Crenicichla vittata: Karina Osinaga & María Elizabeth Farell (2010): listing

***Crenicichla lacustris*** (Castelnau 1855)  
 original Cycla lacustris Castelnau 1855  
 record Crenicichla lacustris: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Crenicichla lacustris (Castelnau, 1855): Kullander, S. O. (2003): listing

***Saxatilia***

***Saxatilia lepidota*** (Heckel 1840)  
 original Crenicichla lepidota Heckel 1840  
 record Crenicichla lepidota Heckel: Haseman, J. D. (1911): specimen   
 Crenicichla lepidota Heckel: Terrazas Urquidi, W. (1970): listing   
 Crenicichla lepidota: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Crenicichla lepidota: Farell, M. E. & F. Cancino (2007): observation   
 Crenicichla edithae: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Saxatilia lepidota: Hablützel et al. (in prep.): specimen

***Apistogramma***

***Apistogramma borellii*** (Regan 1906)  
 original Heterogramma borellii Regan 1906  
 record Heterogramma borellii Regan: Haseman, J. D. (1911): specimen   
 Apistogramma borellii (Regan): Terrazas Urquidi, W. (1970): listing   
 Apistogramma borellii: Schindler, I., & W. Staeck (1993): observation   
 Apistogramma borellii: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Apistogramma borellii: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Apistogramma borellii: Hablützel et al. (in prep.): specimen

***Apistogramma taeniata*** (Günther 1862)  
 original Mesops taeniatus Günther 1862  
 record Apistogramma taeniatum (Günther): Terrazas Urquidi, W. (1970): listing   
 Apistogramma taeniata (Günther, 1862): Kullander, S. O. (2003): listing

***Apistogramma trifasciata*** (Eigenmann & Kennedy 1903)  
 original Biotodoma trifasciatus Eigenmann & Kennedy 1903  
 record Apistogramma trifasciatum Eigenmann & Kennedy: Terrazas Urquidi, W. (1970): listing   
 Apistogramma trifasciata: Schindler, I., & W. Staeck (1993): observation   
 Apistogramma trifasciata: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Apistogramma trifasciata: Hablützel et al. (in prep.): specimen

***Apistogramma commbrae*** (Regan 1906)  
 original Heterogramma commbrae 1906  
 record Apistogramma corumbae (Regan): Terrazas Urquidi, W. (1970): listing   
 Apistogramma commbrae: Farell, M. E. & F. Cancino (2007): observation   
 Apistogramma commbrae: Hablützel et al. (in prep.): specimen

***Gymnogeophagus***

***Gymnogeophagus balzanii*** (Pearson 1891)  
 original Geophagus balzanii Perugia 1891  
 record Geophagus balzanii Perugia: Haseman, J. D. (1911): specimen   
 Gymnogeophagus balzanii: Farell, M. E. & F. Cancino (2007): observation   
 Gymnogeophagus balzanii: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Gymnogeophagus balzanii: Hablützel et al. (in prep.): specimen

***Acaronia***

***Aequidens***

***Aequidens plagiozonatus*** Kullander 1984  
 original Aequidens plagiozonatus Kullander 1984  
 record Aequidens plagiozonatus: Farell, M. E. & F. Cancino (2007): observation   
 Aequidens plagiozonatus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Aequidens plagiozonatus: Hablützel et al. (in prep.): specimen

***Astronotus***

***Astronotus crassipinnis*** (Heckel 1840)  
 original Acara crassipinnis Heckel 1840  
 record Astronotus crassipinnis: Karina Osinaga & María Elizabeth Farell (2010): listing

***Cichlidae***

***Geophagus***

***Mesonauta***

***Mesonauta festivus*** (Heckel 1840)  
 original Heros festivus Heckel 1840  
 record Mesonauta festivus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Mesonauta festivus: Hablützel et al. (in prep.): specimen

***Satanoperca***

***Satanoperca pappaterra*** (Heckel 1840)  
 original Geophagus pappaterra Heckel 1840  
 record Satanoperca pappaterra: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Satanoperca pappaterra: Hablützel et al. (in prep.): specimen

***Chaetobranchus***

order **Gymnotiformes**

family **Gymnotidae**

***Gymnotus***

***Gymnotus carapo*** Linnaeus 1758  
 original Gymnotus carapo Linnaeus 1758  
 record Gymnotus carapo Linnaeus: Ellis, M. M. (1913): specimen   
 Gymnotus carapo Linné: Terrazas Urquidi, W. (1970): listing   
 Gymnotus carapo: Sarmiento, J. & S. Barrera (1997): listing   
 Gymnotus carapo: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Gymnotus carapo: Farell, M. E. & F. Cancino (2007): observation   
 Gymnotus carapo: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Gymnotus carapo: Baigún C.R.M., Minotti P.G. (2019): listing   
 Gymnotus carapo: Sarmiento J., Barrera S., Farfán C. (2019): listing

***Gymnotus cuia*** Craig, Malabarba, Crampton & Albert 2018  
 original Gymnotus cuia Craig, Malabarba, Crampton & Albert 2018  
 record Gymnotus cuia: Hablützel et al. (in prep.): specimen

family **Sternopygidae**

***Eigenmannia***

***Eigenmannia virescens*** (Valenciennes 1836)  
 original Sternachus virescens Valenciennes 1836  
 record Eigenmannia virescens (Valenciennes): Ellis, M. M. (1913): specimen   
 Eigenmannia virescens (Valenciennes): Terrazas Urquidi, W. (1970): listing   
 Eigenmannia virescens: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Eigenmannia virescens: Baigún C.R.M., Minotti P.G. (2019): listing

***Eigenmannia trilineata*** López & Castello 1966  
 original Eigenmannia trilineata López & Castello 1966  
 record Eigenmannia trilineata: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Eigenmannia trilineata: Karina Osinaga & María Elizabeth Farell (2010): listing

***Sternopygus***

***Sternopygus macrurus*** (Bloch & Schneider)  
 original Gymnotus macrurus Bloch & Schneider 1801  
 record Sternopygus macrurus (Bloch & Schneider): Terrazas Urquidi, W. (1970): listing   
 Sternopygus macrurus: Farell, M. E. & F. Cancino (2007): observation   
 Sternopygus macrurus: Karina Osinaga & María Elizabeth Farell (2010): listing   
 Sternopygus macrurus: Baigún C.R.M., Minotti P.G. (2019): listing

family **Hypopomidae**

***Brachyhypopomus***

***Brachyhypopomus brevirostris*** (Steindachner 1868)  
 original Rhamphichthys brevirostris Steindachner 1868  
 record Hypopomus brevirostris (Steindachner): Ellis, M. M. (1913): specimen   
 Hypopomus brevirostris (Steindachner): Terrazas Urquidi, W. (1970): listing   
 Brachyhypopomus brevirostris: Karina Osinaga & María Elizabeth Farell (2010): listing

***Brachyhypopomus gauderio*** Giora & Malabarba 2009  
 original Brachyhypopomus gauderio Giora & Malabarba 2009  
 record Brachyhypopomus gauderio Giora & Malabarba, 2009: Crampton, W. G. R., C. D. de Santana, J. C. Waddell and N. R. Lovejoy (2017): specimen

***Brachyhypopomus pinnicaudatus*** (Hopkins, Comfort, Bastian & Bass 1990)  
 original Hypopomus pinnicaudatus Hopkins, Comfort, Bastian & Bass 1990  
 record Brachyhypopomus pinnicaudatus (Hopkins, Comfort, Bastian & Bass, 1990): Crampton, W. G. R., C. D. de Santana, J. C. Waddell and N. R. Lovejoy (2017): listing

family **Rhamphichthyidae**

***Rhamphichthys***

***Rhamphichthys pantherinus*** Castelnau 1855  
 original Rhamphichthys marmoratus Castelnau 1855  
 record Rhamphichthys marmoratus Castelnau: Terrazas Urquidi, W. (1970): listing

***Rhamphichthys rostratus*** (Linnaeus 1766)  
 original Gymnotus rostratus Linnaeus 1766  
 record Rhamphichthys rostratus: Chernoff, B., Willink, P. W. & Montambault, J. R. (eds): observation   
 Rhamphichthys rostratus: Karina Osinaga & María Elizabeth Farell (2010): listing

order **Beloniformes**

family **Belonidae**

***Potamorrhaphis***

order **Clupeiformes**

family **Engraulidae**

***Lycengraulis***

family **Pristigasteridae**

***Pellona***

***Pellona flavipinnis*** (Valenciennes 1837)  
 original Pristigaster flavipinnis Valenciennes 1837  
 record Pellona flavipinnis: Karina Osinaga & María Elizabeth Farell (2010): listing

order **Acanthuriformes**

family **Sciaenidae**

***Pachyurus***

***Pachyurus bonariensis*** Steindachner 1879  
 original Pachyurus (Lepipterus) bonariensis Steindachner 1879  
 record Pachyurus bonariensis: Karina Osinaga & María Elizabeth Farell (2010): listing

***Plagioscion***

***Plagioscion ternetzi*** Boulenger 1895  
 original Plagioscion ternetzi Boulenger 1895  
 record Plagioscion ternetzi: Karina Osinaga & María Elizabeth Farell (2010): listing

order **Pleuronectiformes**

family **Achiridae**

***Catathyridium***

***Catathyridium jenynsii*** (Günther 1862)  
 original Solea jenynsii Günther 1862  
 record Catathyridium jenynsii: Karina Osinaga & María Elizabeth Farell (2010): listing

order **Salmoniformes**

family **Salmonidae**

***Oncorhynchus***

***Oncorhynchus mykiss*** (Wahlbaum 1792)  
 original Salmo mykiss Walbaum 1792  
 record Oncorhynchus mykiss: Baigún C.R.M., Minotti P.G. (2019): listing

order **Cypriniformes**

family **Cyprinidae**

***Cyprinus***

***Cyprinus carpio*** Linnaeus 1758  
 original Cyprinus carpio Linnaeus 1758  
 record Cyprinus carpio: Sarmiento J., Barrera S., Farfán C. (2019): listing

order **Atheriniformes**

family **Atherinopsidae**

***Odontesthes***

***Odontesthes bonariensis*** (Valenciennes 1835)  
 original Atherina bonariensis Valenciennes 1835  
 record Odontesthes bonariensis: Sarmiento J., Barrera S., Farfán C. (2019): listing

class E L A S M O B R A N C H I I

order **Myliobatiformes**

family **Potamotrygonidae**

***Potamotrygon***

***Potamotrygon motoro*** (Müller & Henle 1841)  
 original Taeniura motoro Müller & Henle 1841  
 record Potamotrygon motoro (Müller & Troschel): Terrazas Urquidi, W. (1970): listing   
 Potamotrygon motoro: Karina Osinaga & María Elizabeth Farell (2010): listing

class D I P N O I

order **Ceratodontiformes**

family **Lepidosirenidae**

***Lepidosiren***

***Lepidosiren paradoxa*** Fitzinger 1837  
 original Lepidosiren paradoxa Fitzinger 1837  
 record Lepidosiren paradoxa: Karina Osinaga & María Elizabeth Farell (2010): listing

**References**

Boulenger, G. A. (1897) Viaggio del Dott. Alfredo Borelli nel Chaco boliviano e nella Repubblica Argentina. III. Poissons. Bollettino dei Musei di Zoologia ed Anatomia Comparata della R. Università di Torino v. 12 (no. 279): 1-4.

Regan, C. T. (1904) A monograph of the fishes of the family Loricariidae. Transactions of the Zoological Society of London v. 17 (pt 3, no. 1): 191-350, Pls. 9-21.

Eigenmann, C. H., W. L. McAtee and D. P. Ward (1907) On further collections of fishes from Paraguay. Annals of the Carnegie Museum v. 4 (no. 2) (art. 7): 110-157, Pls. 31-45.

Eigenmann, C. H. and F. Ogle (1907) An annotated list of characin fishes in the United States National Museum and the Museum of Indiana University, with descriptions of new species. Proceedings of the United States National Museum v. 33 (no. 1556): 1-36.

Eigenmann, C. (1910) Volume III?ZOÖLOGY: Part IV. Catalogue of the Fresh-Water Fishes of Tropical and South Temperate America in Scott, William B. (ed.) Reports of The Princeton University Expeditions to Patagonia, 1896-1899. Pp. 375-511.

Ellis, M. D. (1911) On the species of Hasemania, Hyphessobrycon, and Hemigrammus collected by J. D. Haseman for the Carnegie Museum. Annals of the Carnegie Museum v. 8 (no. 1, art. 2): 148-163, Pls. 1-3.

Haseman, J. D. (1911) An annotated catalog of the cichlid fishes collected by the expedition of the Carnegie Museum to central South America, 1907-10. Annals of the Carnegie Museum v. 7 (nos 3-4) (18): 329-373, Pls. 53-72.

Ellis, M. D. (1913) The plated nematognaths. Annals of the Carnegie Museum v. 8 (nos 3-4) (art. 13): 384-413, Pls. 25-31.

Ellis, M. M. (1913) The gymnotid eels of tropical America. Memoirs of the Carnegie Museum v. 6 (no. 3): 109-195, Pls. 15-23.

Eigenmann, C. H. (1915) The Cheirodontinae, a subfamily of minute characid fishes of South America. Memoirs of the Carnegie Museum v. 7 (no. 1): 1-99, Pls. 1-17.

Eigenmann, C. H. (1915) The Serrasalminae and Mylinae. Annals of the Carnegie Museum v. 9 (nos 3-4): 226-272, Pls. 44-58.

Henn, A. W. (1916) On various South American poeciliid fishes. Annals of the Carnegie Museum v. 10 (nos 1-2) (art. 9): 93-142, Pls. 18-21.

Eigenmann, C. H. (1916) On Apareiodon, a new genus of characid fishes. Annals of the Carnegie Museum v. 10 (nos 1-2) (art. 5): 71-76, Pls. 11-12.

Fisher, H. G. (1917) A list of the Hypophthalmidae, the Diplomystidae and of some unrecorded species of Siluridae in the collections of the Carnegie Museum. Annals of the Carnegie Museum v. 11 (nos 3-4) (art. 15): 405-427, Pl. 42.

Eigenmann, C. H. and H. G. Fisher (1917) On some species of Rhamdia, a genus of South American Siluridae, in the Carnegie Museum. Annals of the Carnegie Museum v. 11 (nos 3/4) (art. 13): 394-397, Pl. 38.

Eigenmann, C. H. (1917) Pimelodella and Typhlobagrus. Memoirs of the Carnegie Museum v. 7 (no. 4): 229-258, Pls. 29-35.

Eigenmann, C. H. (1918) The Pygidiidae, a family of South American catfishes. Memoirs of the Carnegie Museum v. 7 (no. 5): 259-398, Pls. 36-56.

Eigenmann, C. H. (1917) The American Characidae [Part 1]. Memoirs of the Museum of Comparative Zoology v. 43 (pt 1): 1-102, 16 pls. (various numbers).

Eigenmann, C. H. (1918) The American Characidae [Part 2]. Memoirs of the Museum of Comparative Zoology v. 43 (pt 2): 103-208,Pls. 3, 8-11, 13, 16-29, 33, 78-80, 93, 101.

Eigenmann, C. H. (1921) The American Characidae. Memoirs of the Museum of Comparative Zoology v. 43 (pt 3): 209-310, 28 pls. (various numbers).

Eigenmann, C. H. (1927) The American Characidae. Memoirs of the Museum of Comparative Zoology v. 43 (pt 4): 311-428, 24 pls.

Eigenmann, C. H. (1925) A review of the Doradidae, a family of South American Nematognathi, or catfishes. Transactions of the American Philosophical Society (New Series) v. 22 (pt 5): 280-365, Pls. 1-27.

Fowler, H. W. (1940) Zoological results of the second Bolivian expedition for the Academy of Natural Sciences of Philadelphia, 1936-1937. Part I.--The fishes. Proceedings of the Academy of Natural Sciences of Philadelphia v. 92: 43-103.

Ahl, E. (1925) Neue südamerikanische Fische aus dem Zool. Museum Berlin. Sitzungsberichte der Gesellschaft Naturforschender Freunde zu Berlin 1923: 106-109.

Eigenmann, C. H. and W. R. Allen (1942) Fishes of Western South America. I. The intercordilleran and Amazonian lowlands of Peru. II.- The high pampas of Peru, Bolivia, and northern Chile. With a revision of the Peruvian Gymnotidae, and of the genus Orestias. University of Kentucky. i-xv + 1-494, Pls. 1-22.

Terrazas Urquidi, W. (1970) Lista de peces Bolivianos. Academia Nacional de Ciencias de Bolivia. La Paz. Publicación 24. 65 pp.

Arratia, G. and S. Menu-Marque (1984) New catfishes of the genus Trichomycterus from the high Andes of South America (Pisces, Siluriformes) with remarks on distribution and ecology. Zoologische Jahrbücher. Abteilung für Systematik, Ökologie und Geographie v. 111 (no. 4): 493-520.

Kullander, S. O. (1987) Cichlid fishes from the La Plata Basin. Part VI. Description of a new Bujurquina species from Bolivia. Cybium v. 11 (no. 2): 195-205.

Sarmiento, J. & S. Barrera (1997) Observaciones preliminares sobre la ictiofauna de la vertiente oriental andina de Bolivia. Revista Boliviana de Ecologia 2: 77-99

Rosen, D. E. and R. M. Bailey (1963) The poeciliid fishes (Cyprinodontiformes), their structure, zoogeography, and systematics. Bulletin of the American Museum of Natural History v. 126 (art. 1): 1-176.

Schindler, I., & W. Staeck (1993) Killifische aus dem Flußsystem des Rio Paraguay. 1. Pterolebias phasianus. DATZ 46 (1): 35-39

Schindler, I., & W. Staeck (1993) Killifische aus dem Flußsystem des Rio Paraguay. 2. Pterolebias longipinnis. DATZ 46 (7): 462-468

Chernoff, B., Willink, P. W. & Montambault, J. R. (eds) (2001) A biological assessment of the aquatic ecosystems of the río Paraguay basin, Alto Paraguay, Paraguay. RAP Bulletin of Biological Assessment 19. Conservation International, Washington, DC.

Thomas, M. R., M. S. Rodriguez, M. R. Cavallaro, G. Froehlich and R. M. C. Castro (2013) Loricaria luciae, a new species of whiptail catfish (Siluriformes: Loricariidae) from the Paraguay and lower Paraná River basins of southeastern South America. Zootaxa 3745 (no. 3): 365-378.

Vari, R. P., C. J. Ferraris, Jr. and M. C. C. de Pinna (2005) The neotropical whale catfishes (Siluriformes: Cetopsidae: Cetopsinae), a revisionary study. Neotropical Ichthyology v. 3 (no. 2): 127-238.

Farell, M. E. & F. Cancino (2007) Nota sobre la ictiofauna de las subcuencas Tucavaca y Aguas Calientes, Santa Cruz, Bolivia. Kempffiana 3 (2): 6-17

Karina Osinaga & María Elizabeth Farell (2010) Capítulo III: Los Peces. En Huáscar Azurduy F. (ed.). Biodiversidad del Pantanal de Bolivia. 317 pp.

Garutti, V. and H. A. Britski (2000) Descrição de uma espécie nova de Astyanax (Teleostei: Characidae) da bacia do Alto Rio Paraná e considerações sobre as demais espécies do gênero na bacia. Comunicações do Museu de Ciências e Tecnologia da PUCRS, Sér. Zoologia. v. 13: 65-88.

Lais Reia, Ana Maria P. f. Vicensotto, Claudio Oliveira & Ricardo C. Benine (2019) Taxonomy of Moenkhausia australis Eigenmann, 1908 (Characiformes, Characidae) with a discussion on its phylogenetic relationships. Zootaxa 4688(2):213-231.

James Anyelo Vanegas-Ríos, Ricardo Britzke and Juan Marcos Mirande (2019) Geographic variation of Moenkhausia bonita (Characiformes: Characidae) in the rio de la Plata basin, with distributional comments on M. intermedia. Neotropical Ichthyology 17(1):e170123

de Melo, F. A. G. and P. A. Buckup (2006) Astyanax henseli, a new name for Tetragonopterus aeneus Hensel, 1870 from southern Brazil (Teleostei: Characiformes). Neotropical Ichthyology v. 4 (no. 1): 45-52.

AM Zanata, VA Bertaco, FCT Lima (2024) Psalidodon Eigenmann, 1911. In: Toledo-Piza, M., E. G. Baena, F. C. P. Dagosta, N. A. Menezes, M. Ândrade, R. C. Benine, V. A. Bertaco, J. L. Birindelli, G. Boden, P. A. Buckup, P. Camelier, F. R. Carvalho, R. M. C. Castro, J. Chuctaya, E. Decru, E. Derijst et al. (2024) Checklist of the species of the Order Characiformes (Teleostei: Ostariophysi). Neotropical Ichthyology v. 22 (no. 1): e230086: 1-548.

Paradeda MC. Estudo taxonômico das espécies de Acestrorhynchus do grupo lacustris e atualização dos dados de distribuição geográfica de todas as espécies do gênero para os rios brasileiros. [MSc Dissertation]. São Paulo, SP: Universidade de São Paulo; 2015.

Menezes, N. A. (1969) Systematics and evolution of the tribe Acestrorhynchini (Pisces, Characidae). Arquivos de Zoologia (São Paulo) v. 18 (nos 1-2): 1-150.

Menezes, N. A. (1992) Redefinição taxonômica das espécies de Acestrorhynchus do grupo lacustris com a descrição de uma espécie (Osteichthyes, Characiformes, Characidae). Comunicações do Museu de Ciências da PUCRS, Série Zoologia v. 5: 39-54.

JLO Birindelli (2024) Anostomidae Günther, 1864. In: Toledo-Piza, M., E. G. Baena, F. C. P. Dagosta, N. A. Menezes, M. Ândrade, R. C. Benine, V. A. Bertaco, J. L. Birindelli, G. Boden, P. A. Buckup, P. Camelier, F. R. Carvalho, R. M. C. Castro, J. Chuctaya, E. Decru, E. Derijst et al. (2024) Checklist of the species of the Order Characiformes (Teleostei: Ostariophysi). Neotropical Ichthyology v. 22 (no. 1): e230086: 1-548.

Ramirez, J. L., J. L. O. Birindelli and P. M. Galetti, Jr. (2017) A new genus of Anostomidae (Ostariophysi: Characiformes): Diversity, phylogeny and biogeography based on cytogenetic, molecular and morphological data. Molecular Phylogenetics and Evolution v. 107: 308-323.

Lucena, C. A. S. de (1987) Revisão e redefinição do gênero neotropical Charax Scopoli, 1777 com a descrição de quatro espécies novas (Pisces; Characifores; Characidae). Comunicações do Museu de Ciências da PUCRGS (Pontificia Universidade Catolica do Rio Grande do Sul) No. 40: 5-124. [In Portuguese, English summary.]

Menezes, N. A. and C. A. S. de Lucena (2014) A taxonomic review of the species of Charax Scopoli, 1777 (Teleostei: Characidae: Characinae) with description of a new species from the rio Negro bearing superficial neuromasts on body scales, Amazon basin, Brazil. Neotropical Ichthyology v. 12 (no. 2): 193-228.

Giovannetti, V., M. Toledo-Piza and N. A. Menezes (2017) Taxonomic revision of Galeocharax (Characiformes: Characidae: Characinae). Neotropical Ichthyology v. 15 (no. 1): [1-32].

FC Jerep, LR Malabarba, J Chuctaya (2024) Serrapinnus Malabarba, 1998. In: Toledo-Piza, M., E. G. Baena, F. C. P. Dagosta, N. A. Menezes, M. Ândrade, R. C. Benine, V. A. Bertaco, J. L. Birindelli, G. Boden, P. A. Buckup, P. Camelier, F. R. Carvalho, R. M. C. Castro, J. Chuctaya, E. Decru, E. Derijst et al. (2024) Checklist of the species of the Order Characiformes (Teleostei: Ostariophysi). Neotropical Ichthyology v. 22 (no. 1): e230086: 1-548.

Vari, R. P. (1991) Systematics of the neotropical characiform genus Steindachnerina Fowler (Pisces, Ostariophysi). Smithsonian Contributions to Zoology v. 507: 1-118.

Weitzman MJ, Weitzman SH. Lebiasinidae. In: Reis RE, Kullander SO, Ferraris CJ, Jr. (eds). Check list of the freshwater fishes of South and Central America. CLOFFSCA. Porto Alegre: EDIPUCRS; 2003. p.241?51.

Londoño-Burbano, A., C. Román-Valencia and D. C. Taphorn (2011) Taxonomic review of Colombian Parodon (Characiformes: Parodontidae), with description of three new species. Neotropical Ichthyology v. 9 (no. 4): 709-730.

Castro, R. M. C. and R. P. Vari (2003) Detritivores of the South American fish family Prochilodontidae (Teleostei: Ostariophysi; Characifomes). A phylogenetic and revisionary study. Smithsonian Contributions to Zoology No. 622 (for 2004): i-v + 1-186 + 187-189.

Jégu, M., N. Hubert and E. Belmont-Jégu (2004) Réhabilitation de Myloplus asterias (Müller & Troschel, 1844), espèce-type de Myloplus Gill, 1896 et validation du genre Myloplus Gill (Characidae: Serrasalminae). Cybium v. 28 (no. 2): 119-157.

Ferraris, C. J., Jr. and R. P. Vari (1999) The South American catfish genus Auchenipterus Valenciennes, 1840 (Ostariophysi: Siluriformes: Auchenipteridae): monophyly and relationships, with a revisionary study. Zoological Journal of the Linnean Society v. 126 (no. 4): 387-450.

Ferraris, C. J., Jr. (2007) Checklist of catfishes, recent and fossil (Osteichthyes: Siluriformes), and catalogue of siluriform primary types. Zootaxa No. 1418: 1-628.

Kullander, S. O. (2003) Family Cichlidae (Cichlids). In: Reis, R. E., S. O. Kullander and C. J. Ferraris, Jr. (eds.) (2003) Check list of the freshwater fishes of South and Central America. CLOFFSCA. EDIPUCRS, Porto Alegre. 2003: i-xi + 1-729

Crampton, W. G. R., C. D. de Santana, J. C. Waddell and N. R. Lovejoy (2017) A taxonomic revision of the neotropical electric fish genus Brachyhypopomus (Ostariophysi: Gymnotiformes: Hypopomidae), with descriptions of 15 new species. Neotropical Ichthyology v. 14 (no. 4): 639-790.

Maldonado M. M., Goitia A. E., Carvajal-Vallejos F.M. (2019) La cuenca Pilcomayo en Bolivia: caracterización ecológica y biodiversidad acuática. p. 1-46. En: Van Damme P. A., Baigún C. R. M., Sarmiento J., Carvajal-Vallejos F. M. (Eds.). Peces y pesquerías en las cuencas Pilcomayo y Bermejo. Edit. INIA, Cochabamba, Bolivia.

Baigún C.R.M., Minotti P.G. (2019) Patrones de riqueza y distribución de peces en la cuenca Pilcomayo. p. 47-108. En: Van Damme P. A., Baigún C. R. M., Sarmiento J., Carvajal-Vallejos F. M. (Eds.). Peces y pesquerías en las cuencas Pilcomayo y Bermejo. Edit. INIA, Cochabamba, Bolivia.

Sarmiento J., Barrera S., Farfán C. (2019) Ictiofauna y pesquerías de la cuenca del río Bermejo, Bolivia. p. 225-274. En: Van Damme P. A., Baigún C. R. M., Sarmiento J., Carvajal-Vallejos F. M. (Eds.). Peces y pesquerías en las cuencas Pilcomayo y Bermejo. Edit. INIA, Cochabamba, Bolivia.

Hablützel et al. (in prep.)

Torrico-Destre, Hitomi, Careaga, Matías, Maldonado, Mabel & Carvajal-Vallejos, Fernando M. (2024) Revision of the catfish family Pimelodidae (Teleostei: Siluriformes) of Bolivia. Neotropical Hydrobiology and Aquatic Conservation 5(2):3-169.

Baigún C.R.M., Sarmiento J, Barrera S. (2019) Distribución y aspectos biológicos del sábalo (Prochilodus lineatus) en la cuenca Pilcomayo. p. 135-170. En: Van Damme P. A., Baigún C. R. M., Sarmiento J., Carvajal-Vallejos F. M. (Eds.). Peces y pesquerías en las cuencas Pilcomayo y Bermejo. Edit. INIA, Cochabamba, Bolivia.

Careaga M, Carvajal-Vallejos F.M. (2019) Los sábalos (Characiformes, Prochilodontidae: Prochilodus) de Bolivia. p. 171-186. En: Van Damme P. A., Baigún C. R. M., Sarmiento J., Carvajal-Vallejos F. M. (Eds.). Peces y pesquerías en las cuencas Pilcomayo y Bermejo. Edit. INIA, Cochabamba, Bolivia.

Van de Heuvel R.H.M., Carvajal-Vallejos F.M., van de Ven M., Smolders A.J.P. (2019) La variabilidad genética de Prochilodus lineatus en las cuencas altas de los ríos Pilcomayo y Bermejo. p. 187-196. En: Van Damme P. A., Baigún C. R. M., Sarmiento J., Carvajal-Vallejos F. M. (Eds.). Peces y pesquerías en las cuencas Pilcomayo y Bermejo. Edit. INIA, Cochabamba, Bolivia.

Baigún C.R.M., Salazar R.C., van de Ven M. (2019) Pesquerías artesanales en la cuenca del río Pilcomayo. p. 197-224. En: Van Damme P. A., Baigún C. R. M., Sarmiento J., Carvajal-Vallejos F. M. (Eds.). Peces y pesquerías en las cuencas Pilcomayo y Bermejo. Edit. INIA, Cochabamba, Bolivia.

Lizarro D., Moreno-Aulo F. (2019) Especies de peces ornamentales en el río Bermejo, Bolivia. p. 275-288. En: Van Damme P. A., Baigún C. R. M., Sarmiento J., Carvajal-Vallejos F. M. (Eds.). Peces y pesquerías en las cuencas Pilcomayo y Bermejo. Edit. INIA, Cochabamba, Bolivia.

Coca Méndez C., Céspedes A. Argote A, Van Damme P.A. (2019) El complejo productivo del sábalo (Prochilodus lineatus) en la cuenca de los ríos Pilcomayo y Bermejo, Bolivia. p. 289-340. En: Van Damme P. A., Baigún C. R. M., Sarmiento J., Carvajal-Vallejos F. M. (Eds.). Peces y pesquerías en las cuencas Pilcomayo y Bermejo. Edit. INIA, Cochabamba, Bolivia.

Torrico-Destre et al. 2024

Torrico J.P., Hubert N., Desmarais E., Duponchelle F., Rodriguez J.N., Montoya-Burgos J., Renno J.F. 2009. Molecular phylogeny of the genus Pseudoplatystoma (Bleeker, 1862): biogeographic and evolutionary implications. Molecular Phylogenetics and Evolution, 51: 588-594.

Gobierno Autónomo Departamental de Santa Cruz. 2011. Plan de Manejo de la Reserva Municipal de Vida Silvestre Tucabaca. Proyecto: Elaboración y Actualización de Planes de Manejo de 3 Áreas Protegidas de Santa Cruz (Laguna Concepción, Santa Cruz la Vieja y Valle de Tucavaca). Museo de Historia Natural Santa Cruz (Laguna Concepción, Santa Cruz la Vieja y Valle de Tucavaca). Museo de Historia Natural Noel Kempff Mercado (MHNNKM). Fundación Amigos del Museo Noel Kemff. Fundación para la Conservación del Bosque Chiquitano (FCBC). Santa Cruz. Bolivia.

Montaño, M.E. y Aparicio, J.K., 1996. Primera evaluación de la ictio-herpetofauna de la Laguna Cáceres y áreas de influencia - zona del Pantanal boliviano, Germán Busch, Santa Cruz. Cooperación Técnica Holandesa y Museo Noel Kempff Mercado, UAGRM, Santa Cruz de la Sierra. pp. ined

Osinaga R, K. (2000) Tesis.

Knaack 2001

Osinaga R, K. (2006) Nuevo registro para Bolivia de Austrolebias monstrosus Huber, 1995 (Rivulidae). Kempffiana 2 (1): 60-62

Varella, H. R. (2011) Revisão taxonômica das espécies de Crenicichla Heckel das bacias dos rios Paraná e Paraguai (Teleostei: Cichlidae). Dissertação de mestrado - Instituto de Biociências da Universidade de São Paulo. Departamento de Zoologia. 194 páginas.

Montaña, C.G., C.M. Schalk & D.C. Taphorn (2012) First record of Van den Berg?s Pearlfish, Austrolebias vandenbergi Huber, 1995 (Cyprinodontiformes: Rivulidae) in Bolivia with comments on its diet and reproductive biology. CheckList 8 (3): 589-591

Vera-Alcaraz, H.S., C.S. Pavanelli & C.H. Zawadsizki (2012) Taxonomic revision of the Rineloricaria species (Siluriformes: Loricariidae) from the Paraguay River basin. Neotropical Ichthyology 10 (2): 285-311

Vera-Alcaraz, H.S. (2013) Relações filogenéticas das espécies da família Callichthyidae (Ostariophysi, Siluriformes). Tese de Doutorado. PUCRS, Faculdade de Biociências. 362 p.

Birindelli, J.L.O. & H.A. Britski (2013) Two new species of Leporinus (Characiformes: Anostomidae) from the Brazilian Amazon, and redescription of Leporinus striatus Kner 1858. Journal of Fish Biology 83 (5): 1128-1160

Arcila, D., R.P. Vari & N.A. Menezes (2014) Revision of the neotropical genus Acrobrycon (Ostariophysi: Characiformes: Characidae) with description of two new species. Copeia 2013 (4): 604-611

Drawert, H. A. (2023) Rivúlidos (Rivulidae: Cyprinodontiformes) de Bolivia: estado de conocimiento e inventario actualizado. Neotropical Hydrobiology and Aquatic Conservation v. 4 (no. 2): 3-85.

Drawert, H. A. and C. Ergueta (2024) Redescription of Austrolebias accorsii (Cyprinodontiformes: Rivulidae) and description of a new species of the genus from the upper Paraguay River basin. Neotropical Ichthyology v. 22 (no. 2): e240001: 1-29.

zu

Zarske, A. and J. Géry (1999) Revision der neotropischen Gattung Metynnis Cope, 1878. 1. Evaluation der Typusexemplare der nominellen Arten (Teleostei: Characiformes: Serrasalmidae). Zoologische Abhandlungen; Staatliches Museum für Tierkunde in Dresden v. 50 (no. 13): 170-216.

Pavanelli, C. S., R. P. Ota and P. Petry (2009) New species of Metynnis Cope, 1878 (Characiformes: Characidae) from the rio Paraguay basin, Mato Grosso State, Brazil. Neotropical Ichthyology v. 7 (no. 2): 141-146.

Koerber, S. and G. E. Terán (2021) Viaggio del Dr. Alfredo Borelli nel Chaco boliviano nella Repubblica Argentina. XIX. Localities of fishes. Historia Natural, Tercera Serie v. 11 (no. 1): 135-147.

Isbrücker, I. J. H. (2001) Catalogue of genera and species of Corydoradinae Hoedeman, 1952 (Teleostei, Ostariophysi, Callichthyidae), including citation of type localities, type specimens, and etymologies. Pp. 213-247 in I. A. M. Fuller, Breeding corydoradine catfishes. Ian Fuller Enterprises, Kidderminster, 248 pp.

Reis, R. E., S. O. Kullander and C. J. Ferraris, Jr. (eds.) (2003) Check list of the freshwater fishes of South and Central America. CLOFFSCA. EDIPUCRS, Porto Alegre. 2003: i-xi + 1-729.

Kullander 1983 Cichlasoma

Osinaga, K. & J. Cardona (2000) Ictiología. In: Montaño, M. E. (ed.) Evaluación de ecosistemas especies prioritarias para la conservacion en el Pantanal Boliviano: Parque Nacional y Área de manejo integrado Otuquis y Área natural de manejo integrado San Matías. Anexo Vol. II - Fauna. Museo Noel Kempff Mercado.

Robinson, D., H. Salas., K. Linzer, R. Saucedo & K. Balcazar (eds.) (2002) Plan de Manejo de la Reserva Municipal del Valle de Tucavaca. Editorial FAN. Santa Cruz - Bolivia. 128 pp.

Rebolledo, P., R. Coca, V. Fuentes & G. Soto (1997) Ictiología. En: Rebolledo, P. & B. Flores (coord.) Áreas protegidas, Pantanal de Otuquis-San Matías: Propuestas técnicas para su creación. Anexo 10. Componente Zoologia. Informe Técnico. Museo Noel Kempff Mercado.

FUND-ECO (2001) Estudio de Recursos Acuáticos. Plan de Manejo Serranías de Santiago, Chochís y Valle de Tucavaca. La Paz, Bolivia. 15 pp.

Cancino F. & M. E. Farell (2004)

Coca R. (1998)

Fuentes, V. (2001)

Rebolledo, P. & M. E. Montaño (1996)

Rebolledo, P. & B. Flores (1997)

Rebolledo, P., K. Osinaga, A. Justiniano & T. Killeen (1998)

Sarmiento, J. (1999)

FCBC (2012) Plan de manejo parque nacional y área natural de manejo integrado Otuquis 2013-2023.