

CLOFFAR - update 6 - supplement to Checklist of the Freshwater Fishes of Argentina.

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Remarks on this update

In only six months 14 changes have been registered which alter the list of freshwater fishes found in Argentina. The total number of species has increased to 562 by two new species and two first records. One of the latter was yet another exotic species, *Geophagus sveni*, that has been detected in Argentina's waters. Three resurrections from synonymies have been neutralized by three negative records for species listed for Argentina erroneously in the past. Also, four new combination have no influence on the total count. The single paper which most changes has been the description of the trichomycterid genus *Cambeva* to which four species have been transferred from *Trichomycterus*.

| | CLOFF AR | update # 1 | update # 2 | update # 3 | update # 4 | update # 5 | update # 6 | total |
|--------------------|-------------|---------------|---------------|---------------|---------------|---------------|---------------|------------|
| Myliobatiformes | 6 | | | | | | | 6 |
| Acipenseriformes | 1 | | | | | 1 | | 2 |
| Clupeiformes | 6 | | | | | | | 6 |
| Cypriniformes | 5 | | | | | | | 5 |
| Characiformes | 183 | | 4 | 4 | 2 | 2 | 1 | 196 |
| Siluriformes | 200 | 1 | 4 | 11 | 2 | 1 | 1 | 220 |
| Gymnotiformes | 15 | | | | 1 | 1 | | 17 |
| Galaxiiformes | 4 | | | | | | | 4 |
| Salmoniformes | 6 | | | | | | | 6 |
| Atheriniformes | 4 | 1 | | | | | | 5 |
| Cyprinodontiformes | 30 | | | -3 | 1 | 2 | | 30 |
| Beloniformes | 2 | | | | | | | 2 |
| Synbranchiformes | 1 | | | | | | | 1 |
| "Perciformes" | 3 | | | | | | | 3 |
| Centrarchiformes | 3 | | | | | | | 3 |
| Mugiliformes | 2 | | | | | | | 2 |
| Cichliformes | 41 | 2 | -1 | 2 | 2 | 3 | 2 | 51 |
| Pleuronectiformes | 2 | | | | | | | 2 |
| Ceratodontiformes | 1 | | | | | | | 1 |
| total | 515 | 4 | 7 | 14 | 8 | 10 | 4 | 562 |

The aim of this list of species of freshwater fishes from Argentina is to provide an updated supplement to the 'Checklist of the Freshwater Fishes of Argentina (CLOFFAR)' published by Mirande & Koerber (2015). Only those species are listed here that have not been included in that paper and earlier updates or which have undergone systematical changes since then. Changes in this sense may be new species, synonymies, revalidations, new combinations, first records etc., every factor which might modify the data published at present. Information already provided in CLOFFAR is not repeated herein.

This list is not a publication in the sense of the 'Code' (ICZN) and expressions as 'new species', 'new combination' etc. are only used to highlight changes in comparison with the original CLOFFAR. 'NEW' after species names indicates that this record has not been included in previously published updates. 'Info' provides hyperlinks to the individual species accounts in www.pecescrilloos.de, usually with figures and some data from the respective publication.

class **ACTINOPTERYGII**

order **ACIPENSERIFORMES**

family **Acipenseridae**

Acipenser

A. gueldenstaedtii Brandt & Ratzeburg, 1833
 first record for Argentina from the Paraná and La Plata rivers [info](#)
 published in Demonte et al. (2017)

order **CHARACIFORMES**

family **Parodontidae**

Apareiodon

A. vittatus Garavello, 1977
 first record for Argentina from the Río Iguazú [info](#)
 published in Casciotta et al. (2016)

family **Curimatidae**

Steindachnerina

S. nigrotaenia (Boulenger, 1902)
 resurrected from synonymy of *S. brevipinna* [info](#) NEW
 published in Britski et al. (2019)

Curimatidae considered not to be distributed in Argentina

Cruxentina insculpta Fernández-Yépez, 1948 | Aguilera et al. (2018) sub *Steindachnerina insculpta* | Britski et al. (2019) [info](#) NEW

family **Anostomidae**

Megaleporinus

M. macrocephalus (Garavello & Britski, 1988)
 new combination from *Leporinus* [info](#)
 published in Ramirez et al. (2017)

M. obtusidens (Valenciennes, 1837)
 new combination from *Leporinus* [info](#)
 published in Ramirez et al. (2017)

family **Erythrinidae**

Hoplias

H. argentinensis Rosso, Mabragaña, González-Castro, Bogan, Cardoso, Mabragaña, Delpiani & Díaz de Astarloa, 2018
 new species from the La Plata, Paraná and Uruguay basins [info](#)
 published in Rosso et al. (2018)

type locality Santa Fé, río Coronada

H. mbigua Azpelicueta, Benítez, Aichino & Mendez, 2015
 new species from the Paraná basin in Misiones [info](#)
 published in Azpelicueta et al. (2015)
 type locality Misiones, río Paraná, Nemesio Parma

H. misionera Rosso et al., 2016
 new species from the Uruguay and Paraná basins [info](#)
 published in Rosso et al. (2016)
 type locality Misiones, río Acaraguá, Villa Bonita

family **Serrasalminidae**

Myloplus

M. tiete (Eigenmann & Norris, 1900)
 new combination from *Myleus* [info](#)
 published in Ortí et al. (2008)

family **Characidae**

subfamily Bryconinae

Brycon

B. hilarii (Valenciennes, 1850)
 confirmed for Argentina [info](#)
 published in Lima (2017)
 original *Chalceus hilarii*
 synonyms *Megalobrycon erythropterus* Cope, 1872
Brycon microlepis Perugia, 1897

subfamily Characinae

Characinae considered not to be distributed in Argentina

Cynopotamus gulo Cope, 1870 | in CLOFFAR sub *Galeocharax knerii* | Giovannetti et al. (2017) [info](#)

subfamily Stevardiinae

tribus Diapomini

Diapoma

D. alburnum (Hensel, 1870)
 new combination from *Cyanocharax* [info](#)
 published in Thomaz et al. (2015)

D. guarani (Mahnert & Géry, 1987)
 new combination from *Hyphessobrycon* [info](#)
 published in Thomaz et al. (2015)

D. lepiclastum (Malabarba, Weitzman & Casciotta, 2003)
 new combination from *Cyanocharax*
 published in Thomaz et al. (2015)

D. nandi Vanegas-Ríos, Azpelicueta & Malabarba, 2018
 new species from the río Paraná basin in Misiones [info](#) NEW
 published in Vanegas-Ríos et al. (2018)

D. obi (Casciotta, Almirón, Piálek & Rican, 2012)
 new combination from *Cyanocharax*

published in Thomaz et al. (2015)

D. pyrrhopteryx Menezes & Weitzman, 2011
first record for Argentina from the Upper Uruguay basin [info](#)
published in Almirón et al. (2016)

D. uruguayense (Messner, 1962)
new combination from *Cyanocharax*
published in Thomaz et al. (2015)
remarks not *uruguayensis* as *Diapoma* is neuter

Piabarchus

P. stramineus (Eigenmann, 1908)
new combination from *Bryconamericus* [info](#)
published in Thomaz et al. (2015)

Piabina

P. thomasi (Fowler, 1940)
new combination from *Bryconamericus* [info](#)
published in Thomaz et al. (2015)

tribus Eretmobryconini

Markiana

M. nigripinnis (Perugia, 1891)
Tetragonopterus anomalus is a jr. synonym [info](#)
published in Carvalho & Santos (2015)
synonym *Tetragonopterus anomalus* Steindachner, 1891
type locality *anomalus*: Corrientes, Río Paraná

subfamily *Astyanax* clade

Astyanax

A. bifasciatus Garavello & Sampaio, 2010
first record for Argentina from the Río Iguazú [info](#)
published in Casciotta et al. (2016)

A. dissensus Lucena & Thofehrn, 2013
first record for Argentina from río Uruguay in Corrientes [info](#)
published in Terán et al. (2016)

A. dissimilis Garavello & Sampaio, 2010
first record for Argentina from the Río Iguazú [info](#)
published in Casciotta et al. (2016)

A. lacustris (Lütken, 1875) [info](#)
Astyanax asuncionensis is a jr. synonym
published in Lucena & Soares (2016)
original *Tetragonopterus lacustris*
synonyms *Astyanax altiparanae* Garutti & Britski, 2000
A. bimaculatus asuncionensis Géry, 1972
A. bimaculatus paraguayensis Eigenmann, 1921
Tetragonopterus jacuhiensis Cope, 1894

A. powelli Terán, Butí & Mirande, 2017
new species from the arheic of Río Sucuma, Catamarca [info](#)
published in Terán et al. (2017)

A. xiru Lucena, Castro & Bertaco, 2013
first record for Argentina from río Uruguay basin in Misiones [info](#)

published in Casciotta et al. (2016)

subfamily *Hemigrammus* clade

Hemigrammus

H. tridens Eigenmann, 1907

first record for Argentina from Río Paraná basin in Corrientes
published in Azpelicueta & Koerber (2017)

[info](#)

Moenkhausia

M. bonita Benine, Castro & Sabino, 2004

first record for Argentina from the whole La Plata basin based
on the previous erroneous determinations as *M. intermedia*
published in Vanegas-Ríos et al. (2019)

[info](#)

NEW

Species from the *Astyanax*-clade considered not to be distributed in Argentina

Moenkhausia dichrouros intermedius Eigenmann, 1908 | in CLOFFAR sub *M. intermedia* | Vanegas-Ríos et al. (2019)

[info](#)

NEW

order **SILURIFORMES**

family **Clariidae**

Clarias

C. gariepinus (Burchell, 1822)

first record for Argentina from the Río Iguazú
published in Casciotta et al. (2016)
original *Silurus gariepinus*
remarks introduced exotic species
origin Africa

[info](#)

family **Pimelodidae**

Steindachneridion

S. melanodermatum Garavello, 2005

first record for Argentina from the Río Iguazú
published in Casciotta et al. (2016)

[info](#)

family **Pseudopimelodidae**

Microglanis

M. carlae Vera Alcaraz, da Graça & Shibatta, 2008

first record for Argentina from the Pre-Delta National Park,
lower Paraná basin
published in Almirón et al. (2015)

[info](#)

M. nigrolineatus Terán, Jarduli, Alonso, Mirande & Shibatta, 2016

new species from the río Bermejo basin in Salta
published in Terán et al. (2016)

[info](#)

Pseudopimelodidae considered not to be distributed in Argentina

Pimelodus cottoides Boulenger, 1891 | in CLOFFAR sub *Microglanis* c. | Souza-Shibatta et al. (2018)

[info](#)

family **Heptapteridae****Cetopsorhamdia**

- C. iheringi** Schubart & Gomes, 1959
first record for Argentina from the Paraná basin in Misiones [info](#)
published in Benitez et al. (2017)

Heptapterus

- H. mandimbusu** Aguilera, Benitez, Terán, Alonso & Mirande, 2017
new species from the Uruguay basin in Misiones [info](#)
published in Aguilera et al. (2017)

Pimelodella

- P. mucosa** Eigenmann & Ward, 1907
first record for Argentina from swamps in Formosa [info](#)
published in Aguilera & Azpelicueta (2015)

Rhamdella

- R. longiuscula** Lucena & da Silva, 1991
first record for Argentina from the Uruguay basin in Misiones [info](#)
published in Benitez et al. (2016)

Rhamdia

- R. branneri** Haseman, 1911
first record for Argentina from the Río Iguazú [info](#)
published in Casciotta et al. (2016)
- R. voulezi** Haseman, 1911
first record for Argentina from the Río Iguazú [info](#)
published in Casciotta et al. (2016)

Heptapteridae considered not to be distributed in Argentina

- Pimelodella howesi* Fowler, 1940 | in CLOFFAR sub *P. howesi* | Aguilera & Azpelicueta (2015) [info](#)

family **Aspredinidae****Amaralia**

- A. oviraptor** Friel & Carvalho, 2016
new species from the Paraguay and Paraná basins [info](#)
published in Friel & Carvalho (2016)

Xyliphius

- X. barbatus** Alonso de Arámburu & Arámburu, 1962
Xyliphius lombarderoi is a jr. synonym [info](#)
published in Carvalho et al. (2017)
synonyms *X. lombarderoi* Risso & Risso, 1964

family **Trichomycteridae**

subfamily Stegophilinae

Pseudostegophilus

- P. maculatus** (Steindachner, 1879)
new combination from *Parastegophilus* [info](#)

published in DoNascimento (2015)

subfamily Trichomycterinae

Cambeva

- C. davisii** (Haseman, 1911)
 new combination from *Trichomycterus* [info](#) NEW
 published in Katz et al. (2018)
- C. mboyacy** (Wosiacki & Garavello, 2004)
 new combination from *Trichomycterus* [info](#) NEW
 published in Katz et al. (2018)
 first record for Argentina from the Río Iguazú [info](#)
 published in Casciotta et al. (2016) sub *Trichomycterus m.*
- C. stawiarski** (Miranda Ribeiro, 1968)
 new combination from *Trichomycterus* [info](#) NEW
 published in Katz et al. (2018)
 first record for Argentina from the Río Iguazú [info](#)
 published in Casciotta et al. (2016)
- C. ytororo** Terán, Ferrer, Benitez, Alonso, Aguilera & Mirande, 2017
 new combination from *Trichomycterus* [info](#) NEW
 published in Katz et al. (2018)
 new species from the Paraná basin in Misiones [info](#)
 published in Terán et al. (2017)

Silvinichthys

- S. pachonensis** Fernández & Liotta, 2016
 new species from San Juan [info](#)
 published in Fernández & Liotta (2016)
- S. pedernalensis** Fernández, Sanabria & Quiroga, 2017
 new species from San Juan [info](#)
 published in Fernández et al. (2017)

Trichomycterus

- T. varii** Fernández & Andreoli Bize, 2018
 new species from the Pilcomayo basin in Jujuy [info](#)
 published in Fernández & Andreoli Bize (2018)

family **Callichthyidae**

subfamily Corydoradinae

Corydoras

- C. ehrhardti** Steindachner, 1910
 first record for Argentina from the Río Iguazú in Misiones [info](#)
 published in Cardoso et al. (2015)
 synonym *Corydoras meridionalis* Ihering, 1911
- C. paleatus** (Jenyns, 1842)
 remarks correction of spelling: in CLOFFAR as *palaetus*

family **Loricariidae**

subfamily Hypoptopomatinae

tribus Hisonotini

Hisonotus

H. yasi (Almirón, Azpelicueta & Casciotta, 2004)
new combination from *Epactionotus* [info](#)
published in Casciotta et al. (2016)

subfamily Hypostominae

tribus Ancistrini

Ancistrus

A. mullerae Bifi, Pavanelli & Zawadzki, 2009
first record for Argentina from the Río Iguazú [info](#)
published in Casciotta et al. (2016)

tribus Hypostomini

Hypostomus

H. cordovae (Guenther, 1880)
resurrected from synonymy of *H. paranensis* [info](#) NEW
published in Cardoso et al. (2019)

H. formosae Cardoso, Brancolini, Paracampo, Lizarralde, Covain &
Montoya-Burgos, 2016
new species from the Río Paraguay basin in Formosa [info](#)
published in Cardoso et al. (2016)

H. spiniger (Hensel, 1870)
resurrected from synonymy of *H. commersoni* [info](#) NEW
published in Cardoso et al. (2019)

subfamily Loricariinae

tribus Loricariini

Rineloricaria

R. steinbachi (Regan, 1906)
new combination from *Ixinandria* [info](#)
published in Covain et al. (2016)

Loricariinae considered not to be distributed in Argentina

Pyxiloricaria menezesi Isbruecker & Nijssen, 1984 | listed in CLOFFAR | Mirande & Aguilera (2010) [info](#) NEW

order **GYMNOTIFORMES**

family **Gymnotidae**

Gymnotus

G. carapo Linnaeus, 1758
again confirmed for Argentina as a species based on a new [info](#)
subspecies *G. c. australis* Craig, Crampton & Albert, 2017
from the Río Iguazú basin in Misiones
published in Craig et al. (2017)

G. cuia Craig, Malabarba, Crampton & Albert, 2018
 new species from Argentina, Paraguay and Uruguay
 published in Craig et al. (2018)

[info](#)

order **ATHERINIFORMES**

family **Atherinopsidae**

subfamily Atherinopsinae

tribus Sorgentinini

Odontesthes

O. humensis de Buen, 1953

first record for Argentina from the Río de la Plata

published in Bogan et al. (2015)

synonym *Odontesthes guazu* de Buen, 1953

[info](#)

order **CYPRINODONTIFORMES**

family **Rivulidae**

subfamily Cynolebiasinae

tribus Cynolebiasini

Austrolebias

A. bellottii (Steindachner, 1881)

Austrolebias apaii is a jr. synonym

published in Calviño et al. (2016)

[info](#)

A. robustus (Günther, 1883)

Austrolebias nonoiuliensis is a jr. synonym

published in Calviño et al. (2016)

[info](#)

A. wichi Alonso, Terán, Calviño, García, Cardoso & García, 2018

new species from the Río Bermejo basin in Salta

published in Alonso et al. (2018)

[info](#)

subfamily Rivulinae

tribus Neofundulini

Neofundulus

N. paraguayensis (Eigenmann & Kennedy, 1903)

Neofundulus ornatipinnis is a jr. synonym

published in Calviño et al. (2016)

[info](#)

tribus Plesiolebiasini

Papiliolebias

P. bitteri (Costa, 1989)

Papiliolebias hatinne is a jr. synonym

published in Calviño et al. (2016)

[info](#)

family **Poeciliidae**

subfamily Poeciliinae

tribus Cnesterodontini

Phalloceros

P. harpagos Lucinda, 2008
first record for Argentina from the Río Iguazú
published in Casciotta et al. (2016) [info](#)

tribus Gambusiini

Gambusia

G. holbrooki Girard, 1859
first record for Argentina
published in Cabrera et al. (2017) [info](#)

tribus Poeciliini

Poecilia

P. reticulata Peters, 1859
first record for Argentina from the Paraguay river basin
published in Rosso et al. (2017) [info](#)

family **Anablepidae**

Jenynsia

J. lineata (Jenyns, 1842)
Jenynsia multidentata is a junior synonym
published in Amorim (2018) [info](#)

order **CICHLIFORMES**

family **Cichlidae**

subfamily Cichlinae

tribus Geophagini

Crenicichla

C. iguassuensis Haseman, 1911
confirmed for Argentina from the Río Iguazú
published in Casciotta et al. (2016) [info](#)

C. tapii Piálek, Dragová, Casciotta, Almirón & Říčan, 2015
new species from the Río Iguazú in Misiones
published in Piálek et al. (2015) [info](#)

C. tuca Piálek, Dragová, Casciotta, Almirón & Říčan, 2015
new species from the Río Iguazú in Misiones
published in Piálek et al. (2015) [info](#)

C. yjhui Piálek, Casciotta, Almirón & Říčan, 2018

new species from the arroyo Urugua-í in Misiones [info](#)
published in Piálek et al. (2018)

Geophagus

G. brasiliensis (Quoy & Gaimard, 1824)
first record for Argentina from the Río Iguazú [info](#)
published in Casciotta et al. (2016)
original *Chromis brasiliensis*
remarks introduced exotic species
origin coastal basins in East and Southeast Brazil

G. sveni Lucinda, Lucena & Assis, 2010 NEW
first record for Argentina from the Río Paraná at Yaciretá [info](#)
published in Benitez et al. (2018)
remarks invasive exotic species

Gymnogeophagus

G. constellatus Malabarba, Malabarba & Reis, 2015 [info](#)
first record for Argentina from the Río Uruguay basin
published in Řičan et al. (2017)

G. jaryi Alonso et al., 2019 NEW
new species for Argentina from the Río Paraná basin [info](#)
published in Alonso et al. (2019)

G. lipokarenos Malabarba, Malabarba & Reis, 2015 [info](#)
first record for Argentina from the Río Uruguay basin
published in Casciotta et al. (2017)

G. taroba Casciotta, Almirón, Piálek & Řičan, 2017 [info](#)
new species for Argentina from the Río Iguazú basin
published in Casciotta et al. (2017)

G. terrapurpura Loureiro, Zarucki, Malabarba & González-Bergonzoni, 2016 [info](#)
first record for Argentina from the Río Uruguay basin
published in García et al. (2017)

Cichlidae considered not to be distributed in Argentina

Geophagus gymnogenys Hensel, 1870 | in CLOFFAR sub *Gymnogeophagus* g. | Malabarba et al. (2015) [info](#)

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