

## CLOFFAR-2 - update 2 - supplement to Checklist of the Freshwater Fishes of Argentina, 2<sup>nd</sup> edition.

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### Remarks on this update

This is the second update on the CLOFFAR-2, published in June 2020. This original list together with the respective last update shall at any time present our current knowledge on the species of freshwater fishes known to occur in Argentina and provide information on the nomenclature considered valid at the time.

Although the present update contains 33 changes, the total count of freshwater fishes in Argentina does only increase by 1 to 581. In the count, three new species and two first records from/for the country are almost being neutralized by the exclusion of four hypostomids, which so far have been reported for Argentina erroneously. Most of the numerous remaining changes result from new combinations in corydoradines (Dias et al., Alonso et al.) and characids s.l. (Melo et al.). From the latter the new proposals for placements of genera in characiform families and subfamilies have been adopted.

The work of Dias et al. on corydoradines contains some grammatical errors in the correct formation of species names when combined with a genus name of different gender. For example, the resurrected genus name *Osteogaster* is feminine and thus, *O. aeneus* shall be altered to *O. aenea*. These necessary changes will be presented in an errata note which has been submitted already. Nevertheless, Luiz Tencatt, one of the authors, has approved to apply those 'future' correct spellings already herein. Although an unusual procedure, we find it important not to circulate erroneously formed names and allow people to get used to those, knowing that the corrections will be formally published soon.

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, 2<sup>nd</sup> edition (CLOFFAR-2)' published by Mirande & Koerber (2020).

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-2 is not repeated herein.

This list is not a publication in the sense of the 'Code' (ICZN) and expressions as 'new species', 'new combination' or 'comb.nov.' etc. are only used to highlight changes in comparison with the original CLOFFAR-2.

'Info' provides hyperlinks to the individual species accounts in [www.pecescrilloos.de](http://www.pecescrilloos.de), usually with figures and some data from the respective publication.

High level systematics follow Van der Laan et al. (2024).

	CLOFFAR-2	update # 1	update # 2	new total
Petromyzontiformes	1			1
Myliobatiformes	6			6
Acipenseriformes	2			2
Clupeiformes	6			6
Cypriniformes	5			5
Characiformes	198	1	1	200
Gymnotiformes	17			17
Siluriformes	220	5	-1	224
Galaxiiformes	4			4
Salmoniformes	6			6
Synbranchiformes	1			1
Carangiformes	2			2
Cichliformes	51	2		53
Atheriniformes	6			6
Cyprinodontiformes	32	2	1	35
Beloniformes	2			2
Mugiliformes	2			2
Centrarchiformes	3			3
Acanthuriformes	3			3
Ceratodontiformes	3			3
<b>total</b>	<b>570</b>	<b>10</b>	<b>1</b>	<b>581</b>

class ACTINOPTERI

order CHARACIFORMES

family Anostomidae

**Leporinus** Agassiz, 1829

**L. tigrinus** Borodin, 1929

first record for Argentina from the Paraná river in Misiones  
published in Benítez et al. (2020)

[info](#)

NEW

family Stevardiidae

subfamily Hemibryconinae

**Acrobrycon** Eigenmann & Pearson, 1924

**A. tarijae** Fowler, 1940

revalidated from synonymy with *Acrobrycon ipanquianus*  
published in Briñoccoli et al. (2022)

[info](#)

subfamily Diapominae

**Diapoma** Cope, 1894

**D. potamohadros** Ito, Carvalho, Pavanelli, Vanegas-Ríos & Malabarba, 2022

new species for Argentina from the Iguazú river basin  
published in Ito et al. (2022)

[info](#)

**Piabarchus** Myers, 1928

**P. stramineus** (Eigenmann, 1908)

comb.nov. from *Bryconamericus*  
published in Melo et al. (2024)

[info](#)

NEW

family Acestrorhamphidae

subfamily Megalamphodinae

**Megalamphodus** Eigenmann, 1915

**M. eques** (Steindachner, 1882)

comb.nov. from *Hyphessobrycon*  
published in Melo et al. (2024)

[info](#)

NEW

subfamily Thayeriinae

**Bario** Myers, 1940

**B. australis** (Eigenmann, 1908)

comb.nov. from *Moenkhausia*  
published in Melo et al. (2024)

[info](#)

NEW

**B. forestii** (Benine, Mariguela & Oliveira, 2009)

comb.nov. from *Moenkhausia*  
published in Melo et al. (2024)

[info](#)

NEW

subfamily Acestrorhamphinae

**Ctenobrycon** Eigenmann, 1908

**C. kennedyi** (Eigenmann, 1903)  
 comb.nov. from *Psellogrammus*  
 published in Melo et al. (2024) [info](#) NEW

**Psalidodon** Eigenmann, 1911

**P. alleni** (Eigenmann & McAtee, 1907)  
 comb.nov. from *Astyanax*  
 published in Melo et al. (2024) [info](#) NEW

**P. dissimilis** (Garavello & Sampaio, 2010)  
 comb.nov. from *Astyanax*  
 published in Melo et al. (2024) [info](#) NEW

**P. saguazu** (Casciotta, Almirón & Azpelicueta, 2003)  
 comb.nov. from *Astyanax*  
 published in Melo et al. (2024) [info](#) NEW

**P. togoi** (Miquelarena & López, 2006)  
 comb.nov. from *Hyphessobrycon*  
 published in Melo et al. (2024) [info](#) NEW

order **SILURIFORMES**

family **Trichomycteridae**

subfamily Trichomycterinae

**Hatcheria** Eigenmann, 1909

**H. areolata** (Valenciennes, 1846)  
 comb.nov. from *Trichomycterus*  
 published in Volpi et al. (2023) [info](#) NEW

**Ituglanis** Costa & Bockmann, 1993

**I. australis** Datovo & de Pinna, 2014  
 first record for Argentina from the lower Uruguay river basin  
 published in Terán et al. (2020) [info](#)

**Scleronema** Eigenmann, 1917

**S. macanuda** Ferrer & Malabarba, 2020  
 first record for Argentina from the lower Uruguay river basin  
 published in Terán et al. (2020) [info](#)

**Trichomycterus** Valenciennes, 1832

**T. puna** Fernández, Contrera & Andreoli Bize, 2023  
 sp.nov. for Argentina from Catamarca  
 published in Fernández et al. (2023) [info](#) NEW

**T. rivulatus** Valenciennes, 1846  
 first record for Argentina from río Santa Catalina, Jujuy  
 published in Andreoli Bize et al. (2021) [info](#)

family **Callichthyidae**

subfamily Corydoradinae

**Corydoras** Lacepède, 1803

- C. aurofrenatus** Eigenmann & Kennedy, 1903  
*Corydoras ellisae* Gosline, 1940 is a junior synonym  
 published in Tencatt et al. (2020) [info](#)

**Gastrodermus** Cope, 1878

- G. hastatus** (Eigenmann & Eigenmann, 1888)  
 comb.nov. from *Corydoras*  
 published in Dias et al. (2024) [info](#) NEW
- G. undulatus** (Regan, 1912)  
 comb.nov. from *Corydoras*  
 published in Dias et al. (2024) [info](#) NEW

**Hoplisoma** Swainson, 1838

- H. carlae** (Nijssen & Isbrücker, 1983)  
 comb.nov. from *Corydoras*  
 published in Dias et al. (2024) [info](#) NEW
- H. ehrhardti** (Steindachner, 1910)  
 comb.nov. from *Corydoras*  
 published in Dias et al. (2024) [info](#) NEW
- H. longipinne** (Knaack, 2007)  
 comb.nov. from *Corydoras*  
 published in Dias et al. (2024) [info](#) NEW
- H. osvaldoi** Alonso, Terán, Aguilera, Montes, Serra Alanís, Calviño, Vera-Alcaraz,  
 Cardoso, Koerber & Mirande, 2024  
 new species for Argentina from the Bermejo river in Salta  
 published in Alonso et al. (2024b) [info](#) NEW
- H. paleatum** (Jenyns, 1842)  
 comb.nov. from *Corydoras*  
 published in Dias et al. (2024) [info](#) NEW
- H. polystictum** (Regan, 1912)  
 comb.nov. from *Corydoras*  
 published in Dias et al. (2024) [info](#) NEW

**Osteogaster** Cope, 1894

- O. aenea** (Gill, 1858)  
 comb.nov. from *Corydoras*  
 published in Dias et al. (2024) [info](#) NEW

**Urkomayu** Alonso, Terán, Aguilera, Montes, Serra Alanís, Calviño, Vera-Alcaraz, Cardoso,  
 Koerber & Mirande, 2024

- U. gladysae** (Calviño & Alonso, 2010)  
 comb.nov. from *Hoplisoma*  
 published in Alonso et al. (2024b) [info](#) NEW  
*Hoplisoma gladysae*, comb.nov. from *Corydoras*  
 published in Dias et al. (2024) [info](#)
- U. micracanthus** (Regan, 1912)  
 comb.nov. from *Hoplisoma*  
 published in Alonso et al. (2024b) [info](#) NEW  
*Hoplisoma micracanthus*, comb.nov. from *Corydoras*  
 published in Dias et al. (2024) [info](#)
- U. petracinii** (Calviño & Alonso, 2010)  
 comb.nov. from *Hoplisoma* [info](#) NEW

published in Alonso et al. (2024b)  
*Hoplisoma petracinii*, comb.nov. from *Corydoras* [info](#)  
 published in Dias et al. (2024)

family **Loricariidae**

subfamily Loricariinae

tribus Loricariini

**Sturisoma** Swainson, 1838

**S. barbatum** (Kner, 1853)  
*Sturisoma robustum* Regan, 1904 is a junior synonym [info](#) NEW  
 published in Cardoso et al. (2023)

subfamily Hypostominae

tribus Hypostomini

**Hypostomus** Lacepède, 1803

**H. isbrueckeri** Reis, Weber & Malabarba, 1990  
 first evidence based record for Argentina [info](#)  
 published in Terán et al. (2022)

**H. luteus** (Godoy, 1980)  
 first evidence based record for Argentina [info](#) NEW  
 published in Bogan et al. (2024)

**H. nigropunctatus** Garavello, Britski & Zawadzki, 2012  
 first record for Argentina from arroyo Uruguay-í, Misiones [info](#) NEW  
 published in Burchardt et al. (2024)

**Hypostominae considered not to be distributed in Argentina**

*Hypostomus alatus* Castelnau, 1855 | in CLOFFAR-2 | Bogan et al. (2024) [info](#) NEW  
*Hypostomus itacua* Valenciennes, 1836 | in CLOFFAR-2 | Bogan et al. (2024) [info](#) NEW  
*Plecostomus hermanni* Ihering, 1905 | in CLOFFAR-2 sub *Hypostomus hermanni* | Bogan et al. (2024) [info](#) NEW  
*Plecostomus paulinus* Ihering, 1905 | in CLOFFAR-2 sub *Hypostomus paulinus* | Bogan et al. (2024) [info](#) NEW

family **Diplomystidae**

**Diplomystes** Bleeker 1858

**D. viedmensis** MacDonagh, 1931  
 comb.nov. from *Olivaichthys* [info](#) NEW  
 published in Azpelicueta (1994),  
 Muñoz-Ramírez et al. (2023)

family **Doradidae**

subfamily Doradinae

**Doras** Lacepède, 1803

**D. punctatus** Kner, 1855  
 comb.nov. from *Ossancora* [info](#)  
 published in Sabaj & Arce (2021)

family **Heptapteridae**

subfamily Heptapterinae

tribus Heptapterini

***Imparfinis*** Eigenmann & Norris, 1900

***I. guttatus*** (Pearson, 1924)

first record for Argentina from northwestern provinces  
published in Aguilera et al. (2022)

[info](#)

family

## **Pseudopimelodidae**

***Microglanis*** Eigenmann, 1912

***M. malabarbai*** Bertaco & Cardoso, 2005

first record for Argentina from the Río de la Plata estuary  
published in Maiztegui et al. (2022)

[info](#)

order

## **CICHLIFORMES**

family

## **Cichlidae**

subfamily

Cichlinae

tribus

Geophagini

***Crenicichla*** Heckel, 1840

***C. ama*** Říčan, Piálek, Almirón & Casciotta, 2023

new species for Argentina from the Paraná river basin  
published in Říčan et al. (2023)

[info](#)

***C. aravera*** Říčan, Piálek, Almirón & Casciotta, 2023

new species for Argentina from the Paraná river basin  
published in Říčan et al. (2023)

[info](#)

***Saxatilia*** Varella, Kullander, Menezes, Oliveira & López-Fernández, 2023

***S. lepidota*** (Heckel, 1840)

comb.nov. from *Crenicichla*  
published in Varella et al. (2023)

[info](#)

order

## **CYPRINODONTIFORMES**

family

## **Rivulidae**

subfamily

Cynolebiinae

tribus

Cynolebiini

***Amatolebias*** Alonso, Terán, Serra, Calviño & Montes, 2023

***A. patriciae*** (Huber, 1995)

comb.nov. from *Austrolebias*  
published in Alonso et al. (2023)

[info](#)

***A. wichi*** (Alonso, Terán, Calviño, García, Cardoso & García, 2018)

comb.nov. from *Austrolebias*  
published in Alonso et al. (2023)

[info](#)

***Argolebias*** Costa, 2008

***A. adrianae*** Alonso, Terán, Calviño, Serra Alanís, Montes, García, Barneche, Ciotek,

Giorgis & Casciotta, 2024

new species for Argentina from the Iguazú river basin  
published in Alonso et al. (2024a)

[info](#)

NEW

**A. guarani** Alonso, Calviño, Terán, Serra, Montes, García, Barneche, Almirón,  
Ciotek, Giorgis & Casciotta, 2023

new species for Argentina from the Paraná river basin  
published in Alonso et al. (2023)

[info](#)

**A. nigripinnis** (Regan, 1912)

comb.nov. from *Austrolebias*  
published in Alonso et al. (2023)

[info](#)

**Cypholebias** Costa, 2008

**C. robustus** (Guenther, 1883)

comb.nov. from *Austrolebias*  
published in Alonso et al. (2023)

[info](#)

**Matilebias** Alonso, Terán, Serra, Calviño & Montes, 2023

**M. alexandri** (Castello & López, 1974)

comb.nov. from *Austrolebias*  
published in Alonso et al. (2023)

[info](#)

**M. toba** (Calviño, 2006)

comb.nov. from *Austrolebias*  
published in Alonso et al. (2023)

[info](#)

**Titanolebias** Alonso, Terán, Serra, Calviño & Montes, 2023

**T. elongatus** (Steindachner, 1881)

comb.nov. from *Austrolebias*  
published in Alonso et al. (2023)

[info](#)

**T. monstrosus** (Huber, 1995)

comb.nov. from *Austrolebias*  
published in Alonso et al. (2023)

[info](#)

family

## Poeciliidae

subfamily

Poeciliinae

tribus

Poeciliini

**Xiphophorus** Heckel, 1848

**X. hellerii** Heckel, 1848

first record for Argentina from the city of Tucumán  
published in Terán et al. (2022)  
introduced non-native species

[info](#)

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Koerber, S., T.O. Litz & J.M. Miranda (2024): CLOFFAR-2 - update 2 - supplement to Checklist of the Freshwater Fishes of Argentina, 2nd edition. Ichthyological Contributions of PecesCriellos 88: 1-9

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support & grant

Since 2003 PecesCriellos is a long-term project supported by the [German Ichthyological Society \(GfI\)](#). This project, including the **ICP** journal, would not have been possible without GfI's granting.

