

CLOFFAR-2 - update 1 - supplement to Checklist of the Freshwater Fishes of Argentina, 2nd edition.

Stefan Koerber¹, Thomas O. Litz² & Juan Marcos Mirande³

¹ Independent researcher. Friesenstr. 11, 45476 Muelheim, Germany, pecescrilloos@koerber-germany.de

² Independent researcher. Friedhofstr. 8, 88448 Attenweiler, Germany, pecesuruguayos@aol.com

³ CONICET - Fundación Miguel Lillo, Miguel Lillo 251, 4000 San Miguel de Tucumán, Argentina. mcmirande@gmail.com

Remarks on this update

This is the first update on the CLOFFAR-2, published in June 2020. Due to the Covid-pandemic which paralyzed the world during 2020 and 2021 the progress on our knowledge of the freshwater fishes of Argentina has slowed down significantly as researchers could not work in their laboratories or enter their offices during the lockdown measures. In consequence, during 2020 and 2021 only contributions have been published which had probably been submitted pre-Corona. Luckily by now, mid 2023, the frequency of publications is coming back to a normal pace and several papers published only very recently have provided numerous changes which are herein updating the original CLOFFAR-2.

Although the present update contains 23 changes, the total count of freshwater fishes in Argentina is only rising by 10 to a new total of 580. The most influential on the changes, yet the least influential on the total count, is certainly the paper of Alonso et al. (2023) which presents a single new species in addition to eight new combinations from *Austrolebias* to other genera. Further new species and first records from Argentina are reported from Characiformes, Siluriformes, Cichliformes, and Cyprinodontiformes.

The placement of families in orders has been updated in two cases following Fricke et al. (2023): the Achiridae have been moved from Pleuronectiformes to Carangiformes and the Sciaenidae from "Perciformes" *incertae sedis* to Acanthuriformes.

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, 2nd 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, usually with figures and some data from the respective publication.

	CLOFF AR-2	update # 1	new total
Petromyzontiformes	1		1
Myliobatiformes	6		6
Acipenseriformes	2		2
Clupeiformes	6		6
Cypriniformes	5		5
Characiformes	198	1	199
Gymnotiformes	17		17
Siluriformes	220	5	225
Galaxiiformes	4		4
Salmoniformes	6		6
Synbranchiformes	1		1
Carangiformes	2		2
Cichliformes	51	2	53
Atheriniformes	6		6
Cyprinodontiformes	32	2	34
Beloniformes	2		2
Mugiliformes	2		2
Centrarchiformes	3		3
Acanthuriformes	3		3
Ceratodontiformes	3		3
total	570	10	580

class ACTINOPTERI

order **CHARACIFORMES**

family **Characidae**

subfamily Stevardiinae

tribus Hemibryconini

Acrobryon Eigenmann & Pearson, 1924

A. tarijae Fowler, 1940

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

[info](#)

tribus Diapomini

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)

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order **SILURIFORMES**

family **Trichomycteridae**

subfamily Trichomycterinae

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)

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Scleronema Eigenmann, 1917

S. macanuda Ferrer & Malabarba, 2020

 first record for Argentina from the lower Uruguay river basin
 published in Terán et al. (2020)

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Trichomycterus Valenciennes, 1832

T. rivulatus Valenciennes, 1846

 first record for Argentina from río Santa Catalina, Jujuy
 published in Andreoli Bize et al. (2021)

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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](#)

family **Loricariidae**
subfamily Hypostominae
tribus Hypostomini

Hypostomus Lacepède, 1803

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

[info](#)

family **Doradidae**
subfamily Doradinae

Doras Lacepède, 1803

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

[info](#)

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)

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C. aravera Říčan, Piálek, Almirón & Casciotta, 2023
new species for Argentina from the Paraná river basin
published in Říčan et al. (2023)

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Saxatilia Varella, Kullander, Menezes, Oliveira & López-Fernández, 2023 [gen.nov.]

S. lepidota (Heckel, 1840)

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

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order **CYPRINODONTIFORMES**

family **Rivulidae**

subfamily Cynolebiinae

tribus Cynolebiini

Amatolebias Alonso, Terán, Serra, Calviño & Montes, 2023 [gen.nov.]

A. patriciae (Huber, 1995)

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

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

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

[info](#)

Argolebias Costa, 2008 [stat.nov., from subgen. to gen.]

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)

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A. nigripinnis (Regan, 1912)

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

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Cypholebias Costa, 2008 [stat.nov., from subgen. to gen.]

C. robustus (Guenther, 1883)

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

[info](#)

Matilebias Alonso, Terán, Serra, Calviño & Montes, 2023 [gen.nov.]

M. alexandri (Castello & López, 1974)

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

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M. toba (Calviño, 2006)

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

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Titanolebias Alonso, Terán, Serra, Calviño & Montes, 2023 [gen.nov.]

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)

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family **Poeciliidae**
 subfamily Poeciliinae
 tribus Poeciliini

Xiphophorus Heckel, 1848

X. helleri 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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authors' IDs & affiliations Koerber    | Litz   | Mirande   

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