

CLOFFAR - update 1 - supplement to Checklist of the Freshwater Fishes of Argentina.

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Remarks on this update

Despite the fact that this first update of CLOFFAR contains 15 changes, the number of species has increased by only 4. The main driver for the recent changes is the paper of Thomaz et al., proposing 8 new combinations for stevardiine characiforms. In addition, 2 new *Crenicichla* and first records for a tachuela, a pejerrey, and a heptapterid have been published. The latter also resulted in the negative account for another heptapterid, erroneously determined before, increasing the number of freshwater fish species known from Argentina to 519.

	CLOFFAR	update # 1	total
Rajiformes	6		6
Acipenseriformes	1		1
Clupeiformes	6		6
Cypriniformes	5		5
Characiformes	183		183
Siluriformes	200	1	201
Gymnotiformes	15		15
Osmeriformes	4		4
Salmoniformes	6		6
Atheriniformes	4	1	5
Cyprinodontiformes	30		30
Beloniformes	2		2
Synbranchiformes	1		1
Perciformes	49	2	51
Pleuronectiformes	2		2
Lepidosireniformes	1		1
total	515	4	519

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 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 CHARACIFORMES

family Characidae

subfamily Stevardiinae

[Thomaz et al. 2015]

tribus Diapomini

Bryconamericus

B. indefessus (Mirande, Aguilera & Azpelicueta, 2006) NEW
 new combination from *Nantis* [info](#)
 published in Thomaz et al. (2015)

Diapoma

D. alburnum (Hensel, 1870) NEW
 new combination from *Cyanocharax* [info](#)
 published in Thomaz et al. (2015)
 remarks not *alburnus* as *Diapoma* is neuter

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

D. lepiclastum (Malabarba, Weitzman & Casciotta, 2003) NEW
 new combination from *Cyanocharax*
 published in Thomaz et al. (2015)
 remarks not *lepiclastus* as *Diapoma* is neuter

D. obi (Casciotta, Almirón, Piálek & Rican, 2012) NEW
 new combination from *Cyanocharax*
 published in Thomaz et al. (2015)

D. uruguayensis (Messner, 1962) NEW
 new combination from *Cyanocharax*
 published in Thomaz et al. (2015)

Piabarchus

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

Piabina

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

tribus Eretmobryconini

Markiana

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

order **SILURIFORMES**family **Heptapteridae*****Pimelodella***

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

Heptapteridae considered not to be distributed in Argentina

Pimelodella howesi Fowler, 1940 | listed in CLOFFAR | Aguilera & Azpelicueta (2015) [info](#) NEW

family **Callichthyidae**

subfamily Corydoradinae

Corydoras

C. ehrhardti Steindachner, 1910 NEW
 first record for Argentina from the Río Iguazú in Misiones [info](#)
 published in Cardoso et al. (2015)
 synonym *Corydoras meridionalis* Ihering, 1911

order **ATHERINIFORMES**family **Atherinopsidae**

subfamily Atherinopsinae

tribus Sorgentinini

Odontesthes

O. humensis de Buen, 1953 NEW
 first record for Argentina from the Río de la Plata [info](#)
 published in Bogan et al. (2015)
 synonym *Odonotesthes guazu* de Buen, 1953

order **PERCIFORMES**

suborder LABROIDEI

family **Cichlidae**

subfamily Cichlinae

tribus Geophagini

Crenicichla

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

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

References

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recommended form for reference:

Koerber, S., T.O. Litz & J.M. Mirande (2015):
CLOFFAR - update 1 - supplement to Checklist of the Freshwater Fishes of Argentina.
Ichthyological Contributions of PecesCriellos 39: 1-4
available as pdf-file at www.pecescriellos.de since 06.x.2015