

Check List of the Freshwater Fishes of Uruguay (CLOFFUY) - Update 1.

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General introduction

The aim of this list of species of freshwater fishes from Uruguay is to provide an updated supplement to the 'Checklist of Freshwater Fishes of Uruguay (CLOFFUY)' published by Litz & Koerber (2014) [LK]. 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 generic combinations etc., every factor which might modify the data published at present.

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 CLOFFUY.

'Info' provides hyperlinks to the individual species accounts in www.pecescrilloos.de, usually with figures and some data from the respective publication.

Remarks on this update

Only few weeks after releasing the CLOFFUY, a book on the fishes collected in the Río Negro basin in central Uruguay was published by Serra et al. (2014). This already provided sufficient new data to justify an immediate first update to CLOFFUY.

The references in this paper draw our attention to another paper overlooked so far by us: Loureiro et al. (2013). In this second paper more species were accounted for from the freshwaters of Uruguay for the first time. As Loureiro et al. (2013) confirm in the introduction that all included species were listed based on material available in collections we decided to include these despite the fact that this is not a systematical work. Some species listed in the present update have been listed in both papers. In these overlapping cases we have acknowledged the first record to Serra et al. (2014), being the one with detailed information on each species and in most cases indicating the lot number of a collection.

With the present update the number of species has reach 298. The highest increase can be observed in Siluriformes, while a synonymization has diminished the number of cyprinodontiforms.

	CLOFF UY	update # 1	total
Rajiformes	2		2
Acipenseriformes	2	1	3
Clupeiformes	4		4
Cypriniformes	1		1
Characiformes	90	2	92
Siluriformes	103	15	118
Gymnotiformes	9	2	11
Atheriniformes	6	1	7
Cyprinodontiformes	28	-1	27
Synbranchiformes	1		1
Perciformes	28	1	29
Pleuronectiformes	3		3
total	277	21	298

class ACTINOPTERYGII

order ACIPENSERIFORMES

family Acipenseridae

Acipenser

A. gueldenstaedtii Brandt & Ratzeburg, 1833 [info](#)
 first record from Uruguay
 published in Serra et al. (2014)
 remarks introduced exotic species !
 origin Europe and Middle East: Black Sea, Sea of Azov, and Caspian Sea watersheds

order CHARACIFORMES

family Characidae

subfamily *Astyanax* clade

Astyanax

A. dissensus Lucena & Thofehn, 2013 [info](#)
 first record from Uruguay
 published in Serra et al. (2014)

subfamily *Bramocharax* clade

species of the *Bramocharax* clade considered not to be distributed in Uruguay

Tetragonopterus multifasciatus Eigenmann & Norris, 1900 | in LK sub *Hollandichthys m.* | Serra et al. (2014) [info](#)

subfamily *Hemigrammus* clade

Hyphessobrycon

H. igneus Miquelarena, Menni, López & Casciotta, 1980 [info](#)
 first record from Uruguay
 published in Serra et al. (2014)
 sub *Hyphessobrycon* aff. *igneus*

H. togoi Miquelarena & López, 2006 [info](#)
 first record from Uruguay
 published in Serra et al. (2014)

family Crenuchidae

Characidium

C. zebra Eigenmann, 1909 [info](#)
 first record from Uruguay
 published in Serra et al. (2014)
 sub *Characidium* aff. *zebra*
 remarks This is the species which in the past erroneously was addressed as *C. fasciatum*.

Crenuchidae considered not to be distributed in Uruguay

Characidium fasciatum Reinhardt, 1867 | in LK sub *Characidium fasciatum* | Serra et al. (2014) [info](#)

order **SILURIFORMES**

family **Auchenipteridae**

subfamily Auchenipterinae

Trachelyopterus

T. galeatus (Linnaeus, 1766)
 first record from Uruguay [info](#)
 published in Loureiro et al. (2013)
 original *Silurus galeatus*
 synonyms *Auchenipterus maculosus* Valenciennes, 1840
Parauchenipterus paseae Regan, 1906

T. lucenai Bertoletti, Pezzi da Silva & Pereira, 1995
 first record from Uruguay [info](#)
 published in Serra et al. (2014)

family **Pimelodidae**

Parapimelodus

P. nigribarbis (Boulenger, 1889)
 first record from Uruguay [info](#)
 published in Loureiro et al. (2013)
 original *Pimelodus nigribarbis*

family **Heptapteridae**

Heptapterus

H. sympterygium Buckup, 1988
 first record from Uruguay [info](#)
 published in Loureiro et al. (2013)
 sub *Heptapterus sympterygium*

Imparfinis

I. mishky Almirón, Casciotta, Bechara, Ruíz Díaz, Bruno, D'Ambrosio, Solimano & Soneira, 2007
 first record from Uruguay [info](#)
 published in Serra et al. (2014)

family **Aspredinidae**

Xyliphius

X. barbatus Alonso de Arámburu & Arámburu, 1962
 first record from Uruguay [info](#)
 published in Loureiro et al. (2013)

family **Loricariidae**

subfamily Hypoptopomatinae

tribus Hypoptopomatini

Otocinclus

O. vestitus Cope, 1872
 first record from Uruguay [info](#)

published in Loureiro et al. (2013)

tribus Otothyriini

Hisonotus

H. armatus Carvalho, Lehmann, Pereira & Reis, 2008
first record from Uruguay [info](#)
published in Loureiro et al. (2013)

subfamily Hypostominae

tribus Ancistrini

Ancistrus

A. taunayi Miranda Ribeiro, 1918
first record from Uruguay [info](#)
published in Serra et al. (2014)

Hemiancistrus

H. votouro Cardoso & da Silva, 2004
first record from Uruguay [info](#)
published in Serra et al. (2014)

tribus Hypostomini

Hypostomus

H. isbrueckeri Reis, Weber & Malabarba, 1990
first record from Uruguay [info](#)
published in Serra et al. (2014)

H. roseopunctatus Reis, Weber & Malabarba, 1990
first record from Uruguay [info](#)
published in Serra et al. (2014)

subfamily Loricariinae

Loricaria

L. simillima Regan, 1904
first record from Uruguay [info](#)
published in Serra et al. (2014)
sub *Loricaria* aff. *simillima*

Loricariichthys

L. platymetopon Isbrücker & Nijssen, 1979
first record from Uruguay [info](#)
published in Serra et al. (2014)

Rineloricaria

R. microlepidogaster (Regan, 1904)
first record from Uruguay [info](#)
published in Serra et al. (2014)
sub *Rineloricaria* aff. *microlepidogaster*
original *Loricaria microlepidogaster*

order **GYMNOTIFORMES**

family **Apteronotidae**

Apteronotus

A. ellisi (Alonso de Arámburu, 1957)

first record from Uruguay

[info](#)

published in Loureiro et al. (2013)

original *Porotergus ellisi*

family **Gymnotidae**

Gymnotus

G. inaequilabiatus (Valenciennes, 1839)

first record from Uruguay

[info](#)

published in Loureiro et al. (2013)

sub *Gymnotus inaequilabiatus*

original *Carapus inaequilabiatus*

order **ATHERINIFORMES**

family **Atherinopsidae**

Odontesthes

O. argentinensis (Valenciennes, 1835)

first record from Uruguay

[info](#)

published in Loureiro et al. (2013)

original *Atherina argentinensis*

synonyms *Atherina lessonii* Valenciennes, 1835

Basilichthys bonariensis var. *charruanus* Lahille, 1929

Basilichthys bonariensis var. *propinquus* Lahille, 1929

Kronia alba de Buen, 1953

Kronia iguapensis Miranda Ribeiro, 1915

Kronia rex de Buen, 1953

Menidia thomasi Meinken, 1931

Pseudothyria iheringi Miranda Ribeiro, 1915

order **CYPRINODONTIFORMES**

family **Rivulidae**

subfamily Cynolebiasinae

tribus Cynolebiasini

Austrolebias

A. affinis (Amato, 1986)

synonym

Cynolebias duraznensis García, Scvortzoff & Hernández, 1995 [Serra et al. (2014)]

[info](#)

order **PERCIFORMES**
 suborder LABROIDEI
 family **Cichlidae**
 subfamily Cichlinae
 tribus Cichlasomatini

Cichlasoma

C. portalegrense (Hensel, 1870)
 first record from Uruguay [info](#)
 published in Loureiro et al. (2013)
 sub *Cichlasoma portalegrensis*
 original *Acara portalegrensis*

References

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