

CLOFFUY - update 2 - supplement to Checklist of the Freshwater Fishes of Uruguay.

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Remarks on this update

Since the publishing of the first update to CLOFFUY several interesting papers have been published which in total contain 12 changes. Two species from Characiformes and Siluriformes have been synonymized and three new cichlids have been described, making to the total number of know freshwater fishes from Uruguay rise by only one to 299. The remaining changes are due to new combinations after assigning species to a different genus.

	CLOFF UY	update # 1	update # 2	total
Rajiformes	2			2
Acipenseriformes	2	1		3
Clupeiformes	4			4
Cypriniformes	1			1
Characiformes	90	2	-1	91
Siluriformes	103	15	-1	117
Gymnotiformes	9	2		11
Atheriniformes	6	1		7
Cyprinodontiformes	28	-1		27
Synbranchiformes	1			1
Perciformes	28	1	3	32
Pleuronectiformes	3			3
total	277	21	1	299

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).

Only those species are listed here that have not been included in that paper and the subsequent updates or which have undergone systematical changes since then. Changes in this sense may be new species, synonymies, re-validations, 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.

'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 from Uruguay [info](#)
 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 Stevardiinae

tribus Diapomini

Diapoma

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

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

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

Piabarchus

P. stramineus (Eigenmann, 1908)
 new combination from *Bryconamericus* [info](#) NEW
 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 NEW

subfamily *Astyanax* clade

Astyanax

A. dissensus Lucena & Thofehrn, 2013
 first record from Uruguay [info](#)

published in Serra et al. (2014)

A. lacustris (Lütken, 1875) NEW

A. asuncionensis and *A. jacuhiensis* are a junior synonyms

published in Lucena & Soares (2016)

original *Tetragonopterus lacustris*

synonyms *Astyanax altiparanae* Garutti & Britski, 2000

A. bimaculatus asuncionensis Géry, 1972 [info](#)

A. bimaculatus paraguayensis Eigenm., 1921

Tetragonopterus jacuhiensis Cope, 1894 [info](#)

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

first record from Uruguay [info](#)

published in Serra et al. (2014)

sub *Hyphessobrycon* aff. *igneus*

H. togoi Miquelarena & López, 2006

first record from Uruguay [info](#)

published in Serra et al. (2014)

family **Crenuchidae**

Characidium

C. zebra Eigenmann, 1909

first record from Uruguay [info](#)

published in Serra et al. (2014)

sub *Characidium* aff. *zebra*

remarks This is the species which in the past was erroneously 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) [info](#)

first record from Uruguay

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*

Pimelodus

P. argenteus Perugia, 1891
P. brevis is a junior synonym [info](#) NEW
 published in Rocha & Pavanelli (2014)
 synonym *P. brevis* Marini, Nichols & La Monte, 1933

family **Heptapteridae**

Heptapterus

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

subfamily Stegophilinae

Pseudostegophilus

P. maculatus (Steindachner, 1879)
 new combination from *Parastegophilus* [info](#) NEW
 published in DoNascimento (2015)

family **Callichthyidae**

subfamily Corydoradinae

Corydoras

C. paleatus (Jenyns, 1842)
 remark correction of spelling: in CLOFFUY as *palaetus*

family

Loricariidae

subfamily

Hypoptopomatinae

tribus

Hypoptopomatini

Otocinclus

O. vestitus Cope, 1872
 first record from Uruguay [info](#)
 published in Loureiro et al. (2013)

tribus

Otothyridini

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 *R. 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 *G. inaequilabiatus*
 original *Carapus inaequilabiatus*

order **ATHERINIFORMES**

family **Atherinopsidae**

Odontesthes

O. argentinensis (Valenciennes, 1835) [info](#)
 first record from Uruguay
 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 thomasii 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 *C. portalegrensis*
 original *Acara portalegrensis*

tribus Geophagini

Gymnogeophagus

G. mekinos Malabarba, Malabarba & Reis, 2015 NEW
 new species from Uruguay [info](#)
 published in Malabarba et al. (2015)

G. pseudolabiatius Malabarba, Malabarba & Reis, 2015 NEW
 new species from Uruguay [info](#)
 published in Malabarba et al. (2015)

G. terrapurpura Loureiro, Zarucki, Malabarba & González-Bergonzoni, 2016 NEW
 new species from Uruguay [info](#)
 published in Loureiro et al. (2016)

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recommended form for citation:

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