

Checklist of Catfishes: Ferraris (2007) compared to López et al. (2003).

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Introduction

The recently published 'Checklist of Catfishes' (Ferraris 2007) shows a considerable amount of differences to the siluriform taxa listed by López et al. (2003). These differences have been clustered and listed in eight categories. The present list intends to draw attention on these differences and encourage further studies.

Many first records of catfish taxa for Argentina, specially those published by early authors, might have been misidentifications. Catfishes listed for Argentina by López et al. but not by Ferraris are not considered herein, as further studies have to prove their absence from argentinean waters or their identity with other taxa. These cases might be difficult to resolve until the specimens originally referred to, if available at all, are investigated.

Also, the following cases have not been considered for the present comparing list:

1. species listed as 'especie limítrofe' by López et al.
2. taxa listed as questionable synonyms by Ferraris
3. changes reported on already at www.PecesCriollos.de earlier

Differences

Siluriform taxa listed by Ferraris (left) that show differences to those of López et al. (right):

1. genera considered synonyms

Genera considered synonyms by Ferraris and listed as valid by López et al. (right). Resulting new combinations are included in 2.

Macrotocinclus Isbrücker & Seidel, 2001
Paravandellia Miranda Ribeiro, 1912
Zungaro Bleeker, 1863

Otocinclus Cope, 1871
Parabranchioica Devincenzi & Vaz-Ferreira, 1939
Paulicea von Ihering, 1898

2. new combinations

Species that have been transferred to a genus different from the one used by López et al. (right).

Bergiaria platana (Steindachner, 1908)
Hisonotus maculipinnis (Regan, 1912)
Imparfinis cochabambae (Fowler, 1940)
Imparfinis hollandi Haseman, 1911
Megalonema argentina (MacDonagh, 1938)
Olivaichthys cuyanus (Ringuet, 1965)
Olivaichthys mesembrinus (Ringuet, 1982)

Iheringichthys platanus
Microlepidogaster m.
Pimelodella c.
Pariolius h.
Luciopimelodus argentinus
Diplomystes c.
Diplomystes m.

3. species not listed by López et al.

Species described from Argentina before 2003 considered valid by Ferraris but not listed by López et al.

Hypostomus paranensis Weyenbergh, 1877
Xyliphius lombarderoi Risso & Risso, 1964

4. species in synonymy

Species considered valid by López et al. (right) and listed as synonyms of other species by Ferraris (left).

<i>Ageneiosus inermis</i> (Linnaeus, 1766)	<i>A. brevifilis</i> Valenciennes, 1840
<i>Ageneiosus militaris</i> Valenciennes, 1836	<i>A. valenciennesi</i> Bleeker, 1864
<i>Hypostomus paranensis</i> Weyenbergh, 1877	<i>H. cordovae</i> (Günther, 1880)
<i>Paravandellia oxyptera</i> Miranda Ribeiro, 1912	<i>Parabranchioica teaguei</i> Devincenzi & Vaz-Ferreira, 1939
	<i>Paravandellia bertonii</i> Eigenmann, 1917
<i>Pterygoplichthys ambrosettii</i> (Holmberg, 1893)	<i>Liposarcus anisitsi</i> (Eigenmann & Kennedy, 1903)
<i>Zungaro zungaro</i> (Humboldt, 1821)	<i>Paulicea luetkeni</i> Steindachner, 1877

5. incorrect spellings from § 34.2. ICZN

Species names with latinized endings that have not been corrected by López et al. (right) after being transferred to a genus with a different gender.

<i>Hypoptopoma inexpectatum</i> (Holmberg, 1893)	<i>H. inexpectat<u>a</u></i>
<i>Steindachneridion scriptum</i> (Miranda Ribeiro, 1918)	<i>S. script<u>a</u></i>

6. wrong usage of (brackets) from § 51.3. ICZN

The brackets as applied by Ferraris are missing in López et al. and vice versa in case of present absence.

Auchenipterus osteomystax (Miranda Ribeiro, 1918)
Bergiaria westermanni (Reinhardt, 1874)
Brachyplatystoma filamentosum (Lichtenstein, 1819)
Hypostomus auroguttatus Kner, 1854
H. cochliodon Kner, 1854
H. ternetzi (Boulenger, 1895)
Megalonema platanum (Günther, 1880)
Microglanis cottoides (Boulenger, 1891)
Pimelodus maculatus Lacépède, 1803
Rineloricaria lima (Kner, 1853)
Trachelyopterus albicrux (Berg, 1901)
T. teaguei (Devincenzi, 1942)

7. differences in authorship or year of publication

As listed by Ferraris (left) and López et al. (right)

<i>Ancistrus cirrhosus</i> (Valenciennes, 1836)	1840
<i>Heptapterus mustelinus</i> (Valenciennes, 1835)	1840
<i>Hypophthalmus edentatus</i> Spix & Agassiz, 1829	Spix
<i>Hypostomus luteomacutus</i> (Devincenzi in Devincenzi & Teague, 1942)	Devincenzi & Teague
<i>Iheringichthys labrosus</i> (Lütken, 1874)	Krøyer
<i>Parapimelodus valenciennis</i> (Lütken, 1874)	Krøyer
<i>Pimelodella gracilis</i> (Valenciennes, 1835)	1836
<i>Rhinodoras dorbignyi</i> (Kner, 1855)	Krøyer
<i>Steindachneridion scriptum</i> (Miranda Ribeiro, 1918)	Ribeiro
<i>Zungaro zungaro</i> (Humboldt, 1821)	1833

8. other differences

Wrong spellings in López et al. (right).

<i>Epapterus dispilurus</i> Cope, 1878	<i>E. dispilunus</i>
<i>Hemisorubim platyrhynchos</i> (Valenciennes, 1840)	<i>H. platyrhynchus</i>
<i>Hypophthalmus oremaculatus</i> Nani & Fuster, 1947	<i>H. oreomaculatus</i>
<i>Pseudoplatystoma corruscans</i> (Spix & Agassiz, 1829)	<i>P. coruscans</i>

References

- Ferraris, C.J. (2007): Checklist of catfishes, recent and fossil (Osteichthyes: Siluriformes), and catalogue of siluriform primary types. Zootaxa 1418: 1-628
- López, H.L., A.M. Miquelarena & R.C. Menni (2003): Lista comentada de los peces continentales de la Argentina. Probiota - Serie Técnica y Didáctica 5: 1-87

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