

Type specimens of fishes housed at ILPLA as available from literature.

Stefan Koerber

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

Introduction

ILPLA, the Instituto de Limnología 'Dr. Raul A. Ringuelet' in Florencio Varela, Buenos Aires, Argentina, is an extension of Universidad Nacional de La Plata, just as the Museo de La Plata (MLP) is, both with their own ichthyological collection and housing of type material. For the ILPLA collection so far no type catalogue has been published nor is public information on its fish collection available in the internet or elsewhere. The aim of this paper is to gather all information on the type material housed at ILPLA available from literature. A total of twelve species of freshwater fishes is represented with type material in 59 lots and 386 specimens for which systematical and numerical lists are provided. It is peculiar that Amalia Miquelarena from MLP, who organized the ichthyological collection of ILPLA in 1994 (López 1995) and then started working as collection curator (Aquino et al. 1996), participated in the descriptions of all twelve species.

Systematical list of fish species with type specimens deposited at ILPLA

Siluriformes

- Loricariidae *Hisonotus ringueleti* Aquino, Schaefer & Miquelarena 2001
Loricaria holmbergi Rodriguez & Miquelarena, 2005
Rineloricaria misionera Rodriguez & Miquelarena, 2005
 Heptapteridae *Rhamdella aymarae* Miquelarena & Menni, 1999

Characiformes

- Characidae *Astyanax aramburui* Protogino, Miquelarena & López 2006
A. hermosus Miquelarena, Protogino & López, 2005
A. tumbayaensis Miquelarena & Menni, 2005
Bryconamericus mennii Miquelarena, Protogino, Filiberto & López, 2002
Hyphessobrycon igneus Miquelarena, Menni & López, 1980
H. meridionalis Ringuelet, Miquelarena & Menni, 1978
H. togoi Miquelarena & López, 2006
Oligosarcus menezesi Miquelarena & Protogino, 1996

List of type specimens at ILPLA in numerical order

Abbreviations: cs: cleared and stained, H: holotype, P: paratype/s

ILPLA coll. #	species	quantity	type status	references / comments
30.3.77.1	<i>Hyphessobrycon meridionalis</i>	1	H	Ringuelet et al. 1978
30.3.77.2	"	9	P	"
23-XI-80-7	<i>Hyphessobrycon igneus</i>	1	H	Miquelarena et al. 1980
47	<i>Hyphessobrycon togoi</i>	3	P	Miquelarena & López 2006
299	<i>Oligosarcus menezesi</i>	1	H	Miquelarena & Protogino 1996
300	"	2	P	"
301	"	1	P	"
302	"	2	P	"
303	"	6	P	"
304	"	1	P	"

305	"	4	P	"
306	"	4	P	"
347	<i>Loricaria holmbergi</i> *	36	P	Rodriguez & Miquelarena 2005
569	<i>Astyanax aramburui</i>	13	P	Protogino et al. 2006
611	<i>Rhamdella aymarae</i>	1	H	Miquelarena & Menni 1999
612	"	30	P	"
613	"	31	P	"
614	"	5 cs	P	"
883	<i>Hisonotus ringueleti</i>	95	P	Aquino et al. 2001
886	"	1	H	"
1060	<i>Bryconamericus mennii</i>	4	P	Miquelarena et al. 2002
1064	<i>Rineloricaria misionera</i>	1	P	Rodriguez & Miquelarena 2005
1065	"	2 cs	P	"
1080	<i>Hyphessobrycon togoi</i>	2 (1 cs)	P	Miquelarena & López 2006
1164	<i>Bryconamericus mennii</i>	5	P	Miquelarena et al. 2002
1165	"	5	P	"
1166	"	14	P	"
1189	<i>Rineloricaria misionera</i>	2	P	Rodriguez & Miquelarena 2005
1190	"	7	P	"
1191	"	6	P	"
1210	<i>Rineloricaria misionera</i>	1	P	Rodriguez & Miquelarena 2005
1231	<i>Hyphessobrycon togoi</i>	2	P	Miquelarena & López 2006
1232	"	1	P	"
1246	"	2 cs	P	"
1251	<i>Bryconamericus mennii</i>	1	H	Miquelarena et al. 2002
1257	<i>Hyphessobrycon togoi</i>	5 (1 cs)	P	Miquelarena & López 2006
1329	<i>Bryconamericus mennii</i>	4 cs	P	Miquelarena et al. 2002
1330	"	7	P	"
1336	<i>Rineloricaria misionera</i>	1	P	Rodriguez & Miquelarena 2005
1513	<i>Astyanax tumbayaensis</i>	7 (1 cs)	P	Miquelarena & Menni 2005
1546	<i>Rineloricaria misionera</i>	2	P	Rodriguez & Miquelarena 2005
1551	"	1	P	"
1637	<i>Hyphessobrycon togoi</i>	2	P	Miquelarena & López 2006
1681	<i>Rineloricaria misionera</i>	2	P	Rodriguez & Miquelarena 2005
1684	"	1	P	"
1690	<i>Astyanax hermosus</i>	1	H	Miquelarena et al. 2005
1691	"	19 (2 cs)	P	"
1692	"	6 cs	P	"
1698	<i>Rineloricaria misionera</i>	1	H	Rodriguez & Miquelarena 2005
1702	<i>Astyanax tumbayaensis</i>	1	H	Miquelarena & Menni 2005
1703	"	2 (1cs)	P	"
1704	<i>Hyphessobrycon togoi</i>	1	H	Miquelarena & López 2006
1706	<i>Loricaria holmbergi</i> *	1	H	Rodriguez & Miquelarena 2005
1707	<i>Hyphessobrycon togoi</i>	1 cs	P	Miquelarena & López 2006
1708	"	2	P	"
1709	<i>Astyanax aramburui</i>	4 (2 cs)	P	Protogino et al. 2006
1710	"	7	P	"
1711	"	5 (1 cs)	P	"
1712	"	1	H	"

* corrected subsequently from *holmgeri* to *holmbergi* on 07.x.2007

Remarks on the holotype of *Olivaichthys mesembrinus*

The records of Eschmeyer et al. (1998) and Ferraris (2003, 2007) about the holotype of *Olivaichthys mesembrinus* (Ringuelet, 1982), originally described as new subspecies *Diplomystes viedmensis mesembrinus*, as being deposited at ILPLA 8452 have been published in error. In the original description Ringuelet gave no information about the whereabouts of the holotype, Azpelicueta (1994) and Azpelicueta & Gosztanyi (1998) listed the holotype as deposited at MLP 8452. Eschmeyer (2007) lists the holotype as "MLP 8452 [ex ILPLA 8452]" and additionally an uncatalogued paratype from ILPLA without providing further information about a collection transfer or the latter. Ringuelet explicitly

based his description on a single specimen: "...y del ejemplar chubutino que se describe como subespecie nueva". Azpelicueta (1994) and Azpelicueta & Gosztanyi (1998) provided no data about the existence of a paratype.

Oliveichthys mesembrinus is based on a single type specimen, the holotype MLP 8452, and from the published literature there is no reliable information available that this specimen has ever been housed at the ILPLA collection or that further type material does exist.

References

- Aquino, A., A. Miquelarena & C. Bonetto (eds.) (1996): Instituto de Limnología "Dr. Raul A. Ringeluet" - Memoria anual 1995. 52 pp.
- Aquino, A.E., S.A. Schaefer & A.M. Miquelarena (2001): A New Species of *Hisonotus* (Siluriformes, Loricariidae) of the Upper Río Uruguay Basin. *American Museum Novitates* 3333:1-12
- Azpelicueta, M. (1994): Three east-Andean species of *Diplomystes* (Siluriformes: Diplomystidae). *Ichthyological Explorations of Freshwaters* 5 (3): 223-240
- Azpelicueta, M. & A.E. Gosztanyi (1998): Redescription of *Diplomystes mesembrinus* (Siluriformes, Diplomystidae). *Revue Suisse de Zoologie* 105 (4): 901-910
- Eschmeyer, W.N., C.J. Ferraris, M. Dang Hoang & D.J. Long (1998): Part I. Species of fishes. pp. 25-1820. In: Eschmeyer, W.N. (ed.): *Catalog of Fishes*. California Academy of Sciences, San Francisco, USA. 2905 pp. in 3 volumes
- Eschmeyer, W.N. (2007): *Catalog of Fishes* - online database. Available from <http://www.calacademy.org/research/ichthyology/index.html>, accessed 17.ix.2007
- Ferraris, C.J. (2003): Family Diplomystidae (Velvet catfishes). pp. 255-256. In: Reis, R.E., S.O. Kullander & C.J. Ferraris (eds.) *Check list of the freshwater fishes of South and Central America*. Edipucrs, Porto Alegre, Brazil. 729 pp.
- 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. (1995): Instituto de Limnología "Dr. Raul A. Ringeluet" - Memoria anual 1994. 26 pp.
- Miquelarena, A.M. & H.L. López (2006): *Hyphessobrycon togoi*, a new species from the La Plata basin (Teleostei: Characidae) and comments about the distribution of the genus in Argentina. *Revue suisse de Zoologie* 113 (4): 817-828
- Miquelarena, A.M. & R.C. Menni (1999): *Rhamdella aymarae*, a new species from the Itiyuro River, northern Argentina (Siluriformes: Pimelodidae). *Ichthyological Exploration of Freshwaters* 10 (3): 201-210
- Miquelarena, A.M. & R.C. Menni (2005): *Astyanax tumbayaensis*, a new species from northwestern Argentina highlands (Characiformes: Characidae) with a key to the Argentinean species of the genus and comments on their distribution. *Revue suisse de Zoologie* 112 (3): 661-676
- Miquelarena, A.M., R.C. Menni, H.L. López & J.R. Casciotta (1980): Descripción de *Hyphessobrycon igneus* sp. nov. (Characidae Tetragonopterinae) y nuevas localidades para peces de agua dulce de la República Argentina. III. Neotropica (La Plata) 26 (76): 237-245.
- Miquelarena, A.M. & L.C. Protogino (1996): Una nueva especie de *Oligosarcus* (Teleostei, Characidae) de la cuenca del Río Paraná, Misiones, Argentina. *Iheringia - Série Zool.* 80: 111-116
- Miquelarena, A.M., L.C. Protogino, R. Filiberto & H.L. López (2002): A new species of *Bryconamericus* (Characiformes: Characidae) from the Cuña-Pirú creek in north-eastern Argentina, with comments on accompanying fishes. *Aqua - Journal of ichthyology and Aquatic Biology* 6 (2): 69-82.
- Miquelarena, A.M., L.C. Protogino & H.L. López (2005): *Astyanax hermosus*, a new species from the Primero River basin, Córdoba, Argentina (Characiformes, Characidae). *Revue suisse de Zoologie* 112 (1): 13-20
- Protogino, L.C., A.M. Miquelarena & H.L. López (2006): A new species of *Astyanax* (Teleostei, Characiformes, Characidae), with breeding tubercles, from the Paraná and Uruguay river basins. *Zootaxa* 1297: 1-16
- Ringuelet, R.A. (1982): Una nueva subespecie del bagre patagónico *Diplomystes viedmensis* Mac Donagh, 1931 en el río Senguer (Chubut, Argentina). *Limnobiós* 2 (5): 349-351
- Ringuelet, R.A., A.M. Miquelarena & R.C. Menni (1978): Presencia en los alrededores de la plata de *Characidium (Jobertina) rachowi* y de *Hyphessobrycon meridionalis* sp. nov. (Osteichthyes, Tetragonopteridae). *Limnobiós* 1 (7): 242-257
- Rodriguez, M.S. & A.M. Miquelarena (2005): Una nueva especie de *Loricaria* (Siluriformes, Loricariidae) para la cuenca del Río San Francisco, Jujuy, Argentina. *Anales de la Academia Nacional de Ciencias Exactas, Físicas y Naturales* 55 (2003): 139-149

to be cited as:

Koerber, S. (2007):

Type specimens of fishes housed at ILPLA as available from literature.

Ichthyological Contributions of PecesCriollos 3: 1-3

available as pdf-file at www.pecescriollos.de since 26.ix.2007