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TRABAJOS ORIGINALES

Lista de especies de peces de la cuenca del río Ucayali, Perú

Checklist of the ichthyofauna of Rio Ucayali basin, Peru

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Resumen

En este trabajo se presenta una lista actualizada de los registros de especies de peces de la cuenca del río Ucayali, Perú, provenientes de datos publicados y no publicados. Los resultados muestran que la cuenca del Ucayali presenta una ictiofauna rica y diversificada con el registro de 734 especies distribuidas en 15 órdenes, 49 familias y 292 géneros. La Ictiofauna está compuesta por peces miniatura (4%), peces pequeños (39%), medianos (41%), grandes (13%) y gigantes (3%). Los grupos dominantes son los Characiformes (312 especies, 43.0 %), Siluriformes (270 especies, 36.8%), Gymnotiformes (51 especies, 6.9%), y Cichliformes (50 especies, 6.8%). Parte de la ictiofauna es compartida con cuencas adyacentes como Marañón, y Amazonas peruano, principalmente en la región de confluencia, lo que contribuye a la notable diversidad de peces en la cuenca. Se observó una alta riqueza de especies con distribución restricta de los géneros *Orestias*, *Astroblepus*, *Trichomycterus*, *Hemibrycon*, entre otras especies, que ocurren en la región de cabeceras. Estimativos de riqueza de especies considerando su distribución por cada 100 m de altitud, indican que la cuenca del Ucayali esta subestimada, esperándose encontrar hasta 1125 especies. Los resultados aquí presentados son antecedentes que coadyuvaran a la toma de decisiones con fines de conservación y desarrollo sustentable en la región amazónica.

Palabras claves:
Conservación; diversidad; inventario; región Neotropical; Ecorregión: Ucayali - Urubamba Piamonte, peces de agua dulce.

Abstract

This study presents an updated checklists of the fish species recorded in the Ucayali River basin, Peru, from published and unpublished data. Ucayali River basin shows a rich and diversified ichthyofauna, with 734 species distributed in 15 orders, 49 families and 292 genera. It is composed by miniature fishes (4 %, < 2.6 cm of standard length), small fishes (39 %), medium fishes (41 %), large fishes (13 %) and giants (3 %). The dominant groups are Characiformes (312 species, 43.0 %), Siluriformes (270 species, 36.8 %), Gymnotiformes (51 species, 6.9 %) and Cichliformes (50 species, 6.8 %). Part of the ichthyofauna is shared with the adjacent basins as Marañón and Amazon, mainly in the confluence area, which contribute to the highest diversity of fishes in the Ucayali basin. High diversity of fishes with restricted distribution was observed, among them *Orestias*, *Astroblepus*, *Trichomycterus*, *Hemibrycon* genera that occur in the headwaters. Estimates of species richness considering their distribution per 100 m of altitude, show that the Ucayali basin is underestimated, expecting to find up to 1125 species. The results presented here are background information that will contribute to decision-making for conservation and sustainable development purposes in the Amazon region.

Keywords:
Conservation; diversity; inventory; Neotropical region; Ecoregion: Ucayali - Urubamba Piedmont, freshwater fishes.

Introducción

Perú es uno de los países más diversos del Neotrópico y del mundo (CONAM 1999) con un área de 1.28 millones km^2. En él encontramos tres sistemas de drenaje importantes: 1) Ríos costeros del Pacífico; 2) cuenca del Lago Titicaca; y 3) la cuenca Andino-amazónica (Ortega & Hidalgo 2008). En estos sistemas se pueden observar gran diversidad de hábitats que albergan una de las ictiofaunas más ricas de agua dulce del planeta, y que predominantemente está compuesta por especies de la serie Otophysi (Cypriniformes, Characiformes, Gymnotiformes y Siluriformes) (Ortega & Vari 1986, Ortega et al. 2012). El Perú alberga una variedad de subcuencas correspondiente a las cabeceras de la cuenca Andino-amazónica, donde diversas interacciones entre patrones geológicos, procesos vicariantes y dispersantes, tales como el levantamiento de los Andes, han dado como resultado una alta diversidad de peces y alto número de endemismo (Schaefer 2011). A pesar de la importancia del conocimiento de la diversidad de peces de agua dulce en el Perú, esta aún no se encuentra actualizada, aunque información preliminar señala una diversidad de 1141 especies (MINAM 2019). Sin embargo, este número debería de aumentar significativamente con la adición de inventarios, revisiones taxonómicas y el uso de nuevas técnicas como las herramientas moleculares, que en los últimos años están siendo utilizadas para acelerar la descripción de especies nuevas (Reis et al. 2016).

La cuenca del río Ucayali, es una de las principales del Perú, y representa el 5.1% de la cuenca Andino-amazónica (WCS 2021). Esta cuenca hidrográfica atraviesa por 11 departamentos, se ubica en las ecorregiones 312, 316, y 317 (Abell et al. 2008), a lo largo de una gradiente altitudinal que varía entre los 90 y 4500 m de altitud, siendo su extensión de 2700 km y un área de cerca de 337500 km2 (WCS 2021). Las nacientes se encuentran en los Andes orientales, en el nevado Mismi a 5597 m en Arequipa. La cuenca del Ucayali esta subdividida en cinco subcuencas (Urubamba, Tambo-Ene-Perene, Pachitea, Aguaytía y Ucayali). El río Ucayali presenta un caudal promedio de 4000 m^3/s en la estación frente a Pucallpa (Ancieta et al. 2008), correspondiendo el 0.2% de la descarga del río Amazonas (caudal de 200000 m^3/s) (Callède et al. 2010). El nivel del río Ucayali varía estacionalmente con los periodos de lluvias, aproximadamente 8 m entre el pico de periodo de inundación y el nivel más bajo en el periodo seco (WCS 2021).

Estudios sobre diversidad de peces para la cuenca amazónica, han registrado una alta riqueza de peces para la cuenca del Ucayali, 416 especies (Dagosta & de Pinna 2019) y 727 (Jézéquiel et al. 2020). A pesar de la excepcional riqueza de especies, son pocos los inventarios y listas de especies publicadas para la cuenca del Ucayali, destacando entre ellos la de los peces del Rio Urubamba (Carvalho et al. 2011), los peces del Aguaytía (Quezada et al. 2017), y los peces del Pachitea (Palacios et al. 2008).

Este estudio tuvo como objetivo realizar una revisión exhaustiva de las especies presentes en la cuenca del río Ucayali; así como, dar a conocer la presencia de especies endémicas, y las especies que registran como localidad tipo la cuenca del Ucayali. Esta compilación de información proporciona una línea base del conocimiento de la ictiofauna en la cuenca, permitiendo identificar vacíos de información y proporcionar información para estimar una riqueza total de especies de peces en la cuenca.

Material y métodos

Los registros de especies de peces de la cuenca del Ucayali utilizados en este trabajo provienen de dos fuentes principales de información. Una fue basada en la revisión bibliográfica del *Checklist of the Freshwater Fishes of South and Central America* (CLOFFSCA) (Reis et al. 2003, Frick et al. 2022), para lo cual cada registro se corroboró con la literatura disponible, incluidas revisiones taxonómicas, descripción de especies y las listas de especies con información de datos de código de colección y literatura gris como tesis, y registros fotográficos (Apéndice 1). Otra fuente fue la revisión de especímenes depositados en colecciones científicas internacionales, las cuales pueden ser accedidas en las plataformas: *Idigbio* (https://www.idigbio.org/portal/search) y *Splink* (http://www.splink.org.br/index?lang=pt). La información recopilada se filtró y se seleccionaron especímenes identificados hasta el nivel de especie. Fueron excluidos de la lista de especies, los especímenes con identificaciones aff. (*affinis*), cf. (*confer*) y las identificaciones hasta nivel de género. Los nombres completos de los museos se obtuvieron de Sabaj (2020).

La clasificación taxonómica de órdenes y familia sigue a Betancur et al. (2017) y son presentados en la lista de especies ordenados alfabéticamente. Adicionalmente, se calculó el número de especies descritas en la cuenca del Ucayali, para elaborar una curva acumulada de especies y mostrar las tendencias históricas y actuales de la ictiofauna en la cuenca. Todos los nombres de las especies se buscaron primero en FishBase (Froese & Pauly 2019) a través del paquete '*rfishbase*' (Boettiger et al. 2012) del entorno R (R core Team 2019), permitiendo obtener la información de la longitud estándar máxima (LS máx.), se clasificaron como: cuerpo miniatura (LS máx. <2.7 cm), cuerpo pequeño (2.7 a <10 cm), cuerpo mediano (10 a <30 cm), cuerpo grande (30 a <100 cm) y de cuerpo gigante (LS máx. > 100 cm). Usamos estimadores no paramétricos con los datos de incidencia por punto de colecta (392 localidades) , Jackknife de primer orden, Jackknife de segundo orden y Chao2, para estimar la riqueza de especies para la cuenca, utilizando el software EstimateS (*Statistical Estimation of species Richness and Shared species from samples*) (Colwell 2013).

El estado de riesgo de amenaza de todos los peces se verificó en la Lista Roja de la UICN (UICN 2020), depositada en FishBase, con fecha de actualización el 23 de julio de 2019. Estas categorías se basan en el tamaño de la población de la especie, la abundancia y el rango o distribución, ordenados en orden creciente de riesgo de extinción: preocupación menor (LC), casi amenazada (NT), vulnerable (VU), en peligro (EN), en peligro crítico (CR), extinto en estado salvaje (EW) y extinto (EX).

Las especies que carecen de datos para una evaluación adecuada se clasifican como datos deficientes (DD), y las especies que permanecen sin evaluar se clasifican como no evaluadas (NE).

Resultados

Ictiofauna de la cuenca del Ucayali . - Con base en la compilación de 6054 lotes, de los cuales 5709 lotes presentaban identificación hasta especies y 345 lotes presentaban identificación hasta nivel de género (Figs. 1 y 2), se registraron 734 especies validas de peces para la cuenca del río Ucayali, distribuidas en 15 órdenes, 49 familias y 292 géneros (Apéndice 2). La ictiofauna estuvo dominada por especies de la serie Otophysi (633 spp., 86.2% del total de especies), con los órdenes más diversos Characiformes (312 spp., 42.5%), Siluriformes (270 spp., 36.8%) y Gymnotiformes (51 spp., 6.9%). Los órdenes no Otophysi fueron Cichliformes (50 spp., 6.8%) y otros 10 órdenes representados por 51 especies (6.9%) (Tabla 1, Fig. 2).

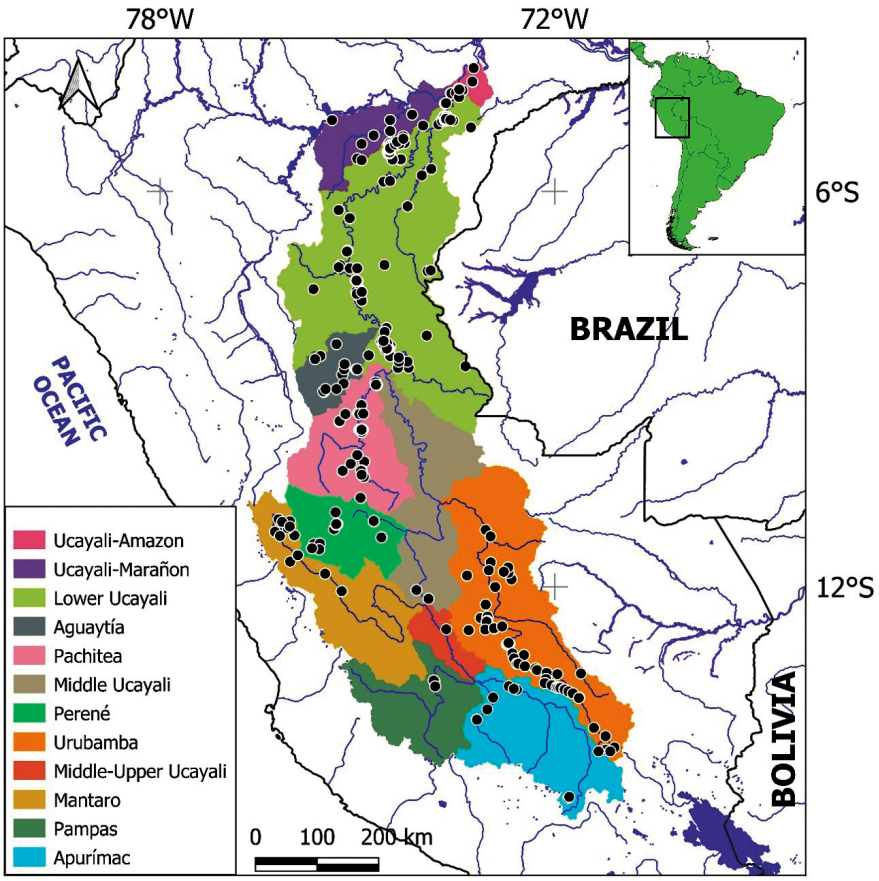

Figura 1. Subcuencas del río Ucayali, Perú. Los puntos representan las localidades de colecta.

Tabla 1. Número de familias, géneros y especies para cada orden de peces de la cuenca del río Ucayali.

Orden	Familia	Géneros	Especies
Beloniformes	1	2	4
Carangiformes	1	2	4
Carcharhiniformes	1	1	1
Lepidosireniformes	1	1	1
Characiformes	17	109	312
Cichliformes	1	20	50
Clupeiformes	2	6	10
Cyprinodontiformes	2	3	13
Gymnotiformes	5	20	51
Myliobatiformes	1	3	5
Osteoglossiformes	2	2	2
Perciformes	2	4	7
Siluriformes	11	117	270
Synbranchiformes	1	1	3
Tetraodontiformes	1	1	1
Total	**49**	**292**	**734**

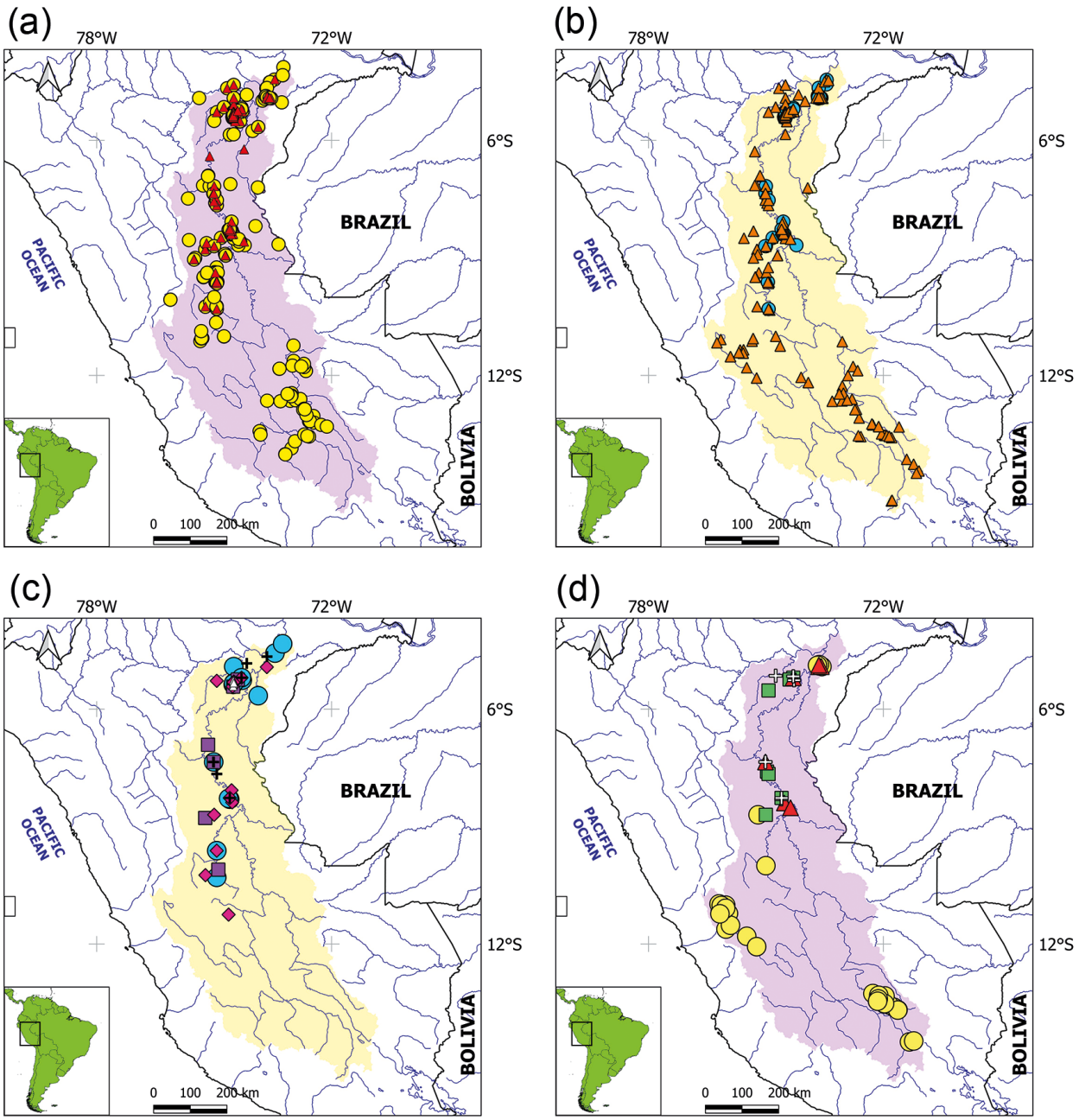

Figura 2: Distribución por órdenes en la cuenca del río Ucayali: a) Distribución de Characiformes (círculo amarillo) y Cichliformes (triangulo anaranjado). b) Distribución de Siluriformes (triangulo anaranjado) y Gymnotiformes (circulo celeste). c) Distribución de Clupeiformes (cruz negra), Synbranchiformes (diamante rosado), Beloniformes (círculo celeste), Lepidoseriniformes (triángulo blanco), Myliobatiformes (cuadrado morado). d) Distribución de Cyprinodontiformes (círculo amarillo), Osteoglossiformes (cuadrado verde), Perciformes (triángulo rojo), Carangiformes (cruz blanca) y Tetraodontiformes (estrella morada).

Las familias más ricas en especies fueron Characidae (157 spp.), Loricariidae (86 spp.), Cichlidae (50 spp.), Pimelodidae (38 spp.), Curimatidae y Doradidae (28 spp. cada una), Callichthyidae (25 spp. cada una) y Auchenipteridae (24 spp.). Los estimadores de riqueza de especies muestran que la cuenca presenta una diversidad subestimada: Jackknife de primer orden (1004 spp.; DS=43), Jackknife de segundo orden (1125 spp.; DS=0) y Chao2 (997 spp.; IC= 930-1089; DS=40) (Fig. 3).

La cuenca Ucayali presenta importancia taxonómica, por ser localidad tipo (área de donde fue descrita una especie) de 159 especies, actualmente validas (Fricke et al. 2022), adicionalmente en la cuenca fueron descritas 34 especies, actualmente consideradas como sinónimo junior (Apendice 2). Las primeras especies descritas fueron *Ancistrus bufonius* y *Astroblepus sabalo* por Valenciennes (1840), *Chaetostoma loborhynchos* y *Trichomycterus dispar* del río Tulumayo (Junín) por Tschudi (1846) y *Orestias jussiei* Valenciennes 1846 del río Guasacona y lago Urcos en el río Vilcanota. La curva de acumulación de especies revela un aumento constante en la tasa de descripción de especies en la cuenca del Ucayali (Fig. 4).

La comunidad de peces del Ucayali presenta una alta diversidad en términos de tamaño (Fig. 5, Apéndice 2),

forma corporal, patrones de coloración, locomoción y resistentes a condiciones extremas. Este conjunto incluye formas miniatura, como *Priocharax pygmaeus* (16.4 mm), *Oxybrycon parvulus* (15.7 mm); *Tyttocharax cochui* (22.0 mm); *Tyttocharax madeirae* (17.5 mm); *Xenurobrycon heterodon* (20.1 mm), *Klausewitzia ritae* (25 mm), *Odontocharacidium aphanes* (16.5 mm), entre otros. Así como especies grandes que incluyen a los grandes bagres migratorios como *Brachyplatystoma capapretum*, *B. filamentosum*, *B. juruense*, *B. platynemum*, *B. rousseauxii,* y *B. vaillantii*. Adicionalmente, *Arapaima gigas* y *Osteoglossum bicirrhosum* que pueden alcanzar longitudes de 2 m, siendo escaso el registro de individuos de este tamaño en colecciones. Aunque no hay especímenes en colecciones, *Carcharhinus leucas* se registró en 1948 (Thorson, 1972).

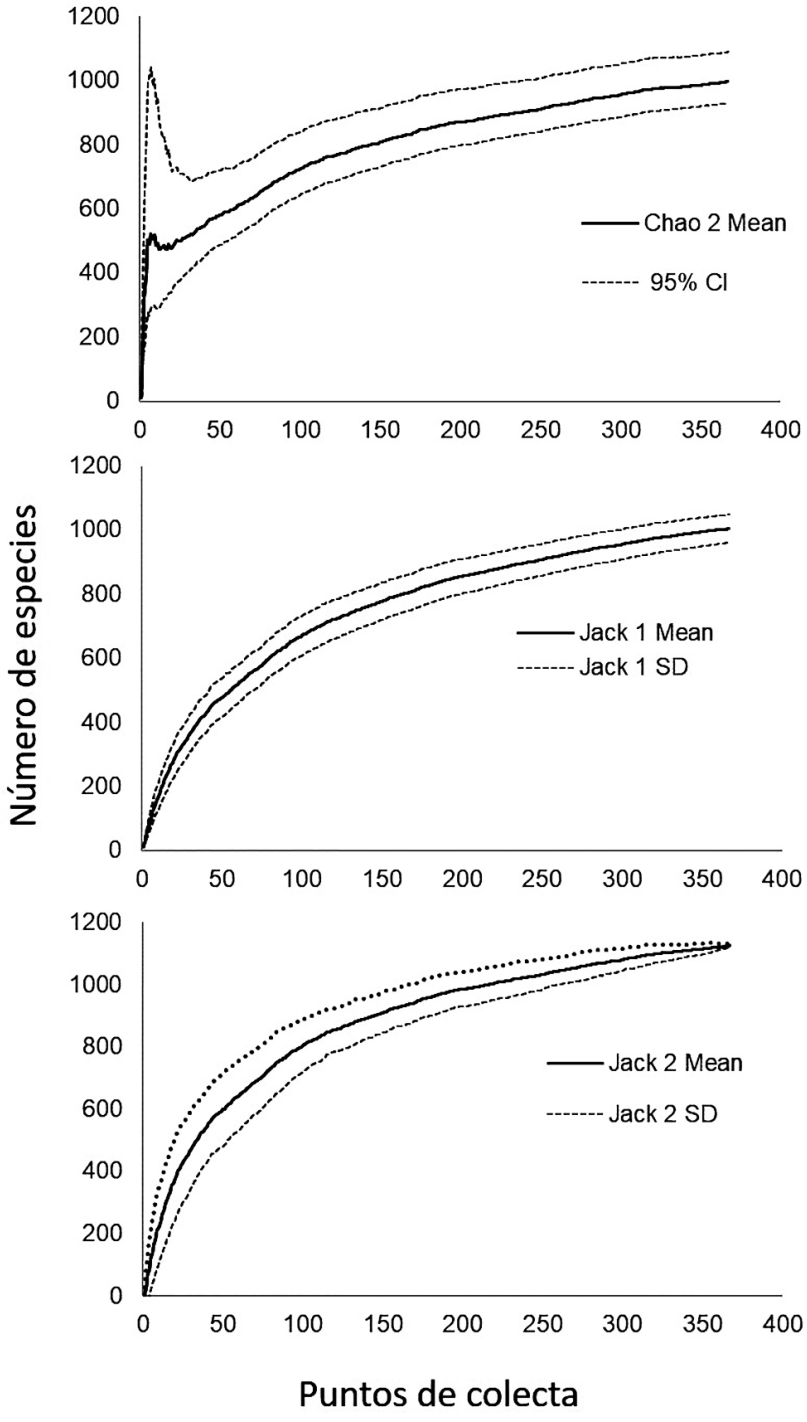

Figura 3. Estimadores de riqueza de especies Chao 2, Jackniffe 1, Jackniffe 2 para la cuenca del rio Ucayali. SD= desviación estándar; CI= intervalo de confianza.

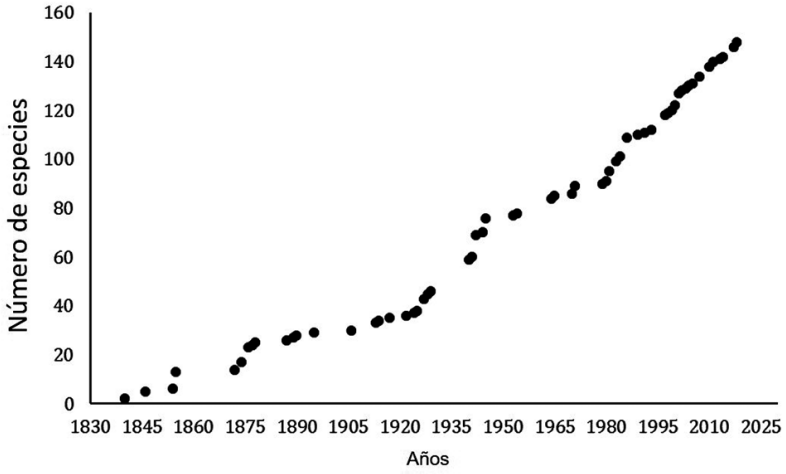

Figura 4. Curva acumulada de especies descritas en la cuenca del río Ucayali desde 1840 hasta la actualidad.

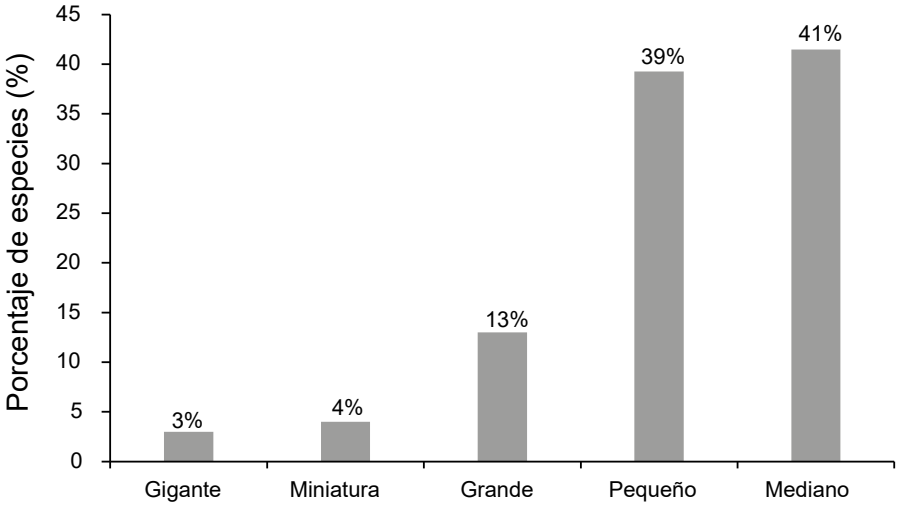

Figura 5. Proporción de tamaño de las especies de la cuenca del río Ucayali.

Entre las especies filopátricas, los cíclidos están representados por *Aequidens diadema*, *Apistogrammoides pucallpaensis*, *Tahuantinsuyoa chipi* y *Tahuantinsuyoa macantzatza*, conocidos para el río Pachitea; además, peces anuales como *Anablepsoides atratus*, *A. derhami*, *A. elongatus*, *A. iridescens*, *A. ornatus*, *A. rubrolineatus*, *Moema peruensis* y *M. wischmanni*; y especies de coridoras como *Corydoras coriatae*, *C. leucomelas*, *C. panda*, C. *stenocephalus*, *C. virginiae*, *C. weitzmani*. Por otro lado, entre las especies de importancia comercial tenemos los bagres *Brachyplatystoma capapretum*, *B. filamentosum*, *B. juruense*, *B. platynemum*, *B. rousseauxii* y *B. vaillantii*; las especies escamadas como *Prochilodus nigricans*, *Triportheus angulatus*, *Potamorhina altamazonica*, *P. latior*, *P. pristigaster*, *Psectrogaster amazonica*, *Mylossoma albiscopum*, *M. aureum*, *Leporinus fasciatus*, *L. friderici*, *L. pearsoni*, *L. striatus*, *Megaleporinus trifasciatus*, *Rhytiodus microlepis* y *Schizodon fasciatus* entre otras.

Destacan especies raras, que se registran esporádicamente en colecciones, como son el pez pulmonado *Lepidosiren paradoxa*, el pez globo *Colomesus asellus*, especies del género *Synbranchus*, los bagres *Batrochoglanis raninus* y *Brachyrhamdia marthae*, el pez plano *Apionichthys nattereri*, el pez hoja *Monocirrhus polyacanthus*, las rayas *Paratrygon aiereba*, *Plesiotrygon nana*, *Potamotrygon falkneri*, *P. motoro*, *P. orbignyi*, además, especies de anguila eléctrica *Electrophorus varii* y *E. multivalvulus*.

En cuanto a las especies endémicas, el 1.7% de ellas fueron restringidas a ríos y lagos en el altiplano pertenecientes al género *Orestias* como *O. elegans*, *O. empyraeus*, *O. jussiei*, *O. munda*, *O. polonorum*; así como, a los bagres *Trichomycterus dispar*, *T. megantoni*, *T. oroyae*, *T. taeniops*, *T. weyrauchi*, *Rhamdella montana*, *Chaetostoma lineopunctatum* y *C. loborhynchos*. Durante este estudio se encontraron 29 morfoespecies identificadas hasta nivel de género, las cuales podrían ser consideradas como posibles especies nuevas para la ciencia, representando el 3.9% de la riqueza de especies listadas.

En la cuenca del Ucayali encontramos varias especies categorizadas en un nivel de amenaza según los crite-

rios de la IUCN (Fig. 6): CR (4 spp.) *Knodus shinahota*, *Astroblepus formosus*, *Rhamdella montana*, *Aposturisoma myriodon*; EN (6 spp.) *Orestias polonorum*, *Chaetostoma loborhynchos*, *Otocinclus cocama*, *Panaqolus albivermis*, *Trichomycterus taeniops* y *Trichomycterus weyrauchi*; VU (3 spp.) *Tahuantinsuyoa chipi*, *Orestias pentlandii* y *Astroblepus supramollis*; NT (7 spp.) y LC (155 spp.), adicionalmente 39 spp. fueron categorizadas con DD y 527 especies no fueron evaluadas (NE).

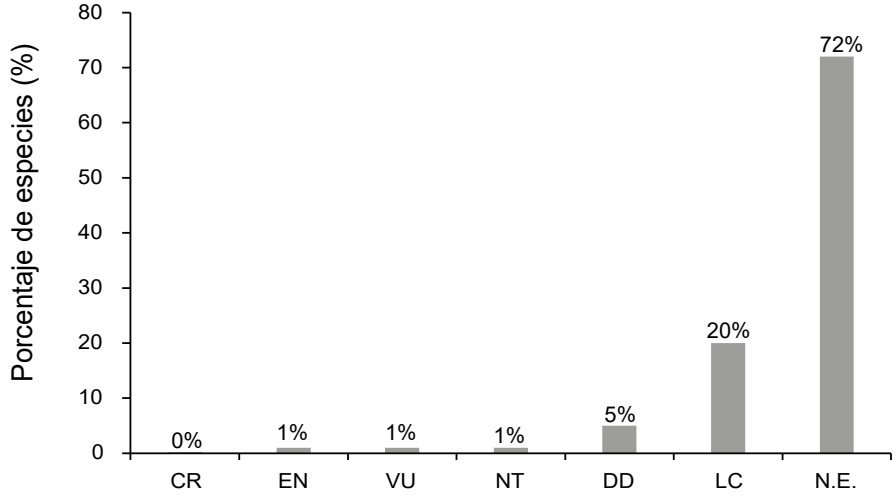

Figura 6. Categorías de amenaza de las especies de la cuenca del río Ucayali: preocupación menor (LC), casi amenazada (NT), vulnerable (VU), en peligro (EN), en peligro crítico (CR), datos deficientes (DD), no evaluadas (NE).

Discusión

Este estudio representa una actualización de las especies que habitan la cuenca del río Ucayali, uno de los principales afluentes andino-amazónicos de la cuenca amazónica. Reportamos 734 especies de peces, en comparación a estudios recientes que encontraron 416 especies (Dagosta & de Pinna, 2019) y 727 especies (Jézéquel et al. 2020). De acuerdo con la curva de especies acumuladas, nuestros resultados aún podrían ser una subestimación de la riqueza de especies, debido a la tendencia creciente y sin alcanzar aun la asíntota. Cabe mencionar que el 5.6% de la información se identificó a nivel de género o incompleta (*affinis* y *confer*).

La cuenca del río Ucayali tiene una importancia taxonómica, donde en los últimos 10 años se han descrito 14 especies para la cuenca (promedio de 1.4 spp. por año) pertenecientes a diferentes órdenes como Characiformes (*Creagrutus yanatili* Harold & Salcedo 2010, *Phenacogaster capitulata* Lucena & Malabarba 2010, *Hemibrycon mikrostiktos* Bertaco & Malabarba 2010, *Chrysobrycon yoliae* Vanegas-Ríos, Azpelicueta & Ortega 2014 y *Hyphessobrycon chiribiquete* García-Alzate, Lima, Taphorn, Mojica, Urbano-Bonilla & Teixeira 2020), Siluriformes (*Panaque schaeferi* Lujan, Hidalgo & Stewart 2010, *Panaqolus albivermis* Lujan, Steele & Velasquez 2013), Gymnotiformes (*Porotergus duende* de Santana & Crampton 2010, *Brachyhypopomus sullivani* Crampton, de Santana, Waddell & Lovejoy 2017, *Sternarchorhynchus taphorni* de Santana & Crampton 2010 , *Brachyhypopomus benjamini* Crampton, de Santana, Waddell & Lovejoy 2017), Clupeiformes (*Anchoviella hernanni* Loeb, Varella & Menezes 2018), Beloniformes (*Potamorrhaphis labiata* Sant'Anna, Delapieve & Reis 2012) y Myliobatiformes (*Plesiotrygon nana* Carvalho & Ragno 2011).

En el estudio observamos la ausencia de información para la parte alta del río Ucayali (entre el río Pachitea y la confluencia de los ríos Tambo y Urubamba), principalmente por el difícil acceso; además, la región entre los ríos Ene, Perené y Tambo, debido a problemas sociales que limitan el acceso a esta área. Conocer la ictiofauna de esta región debe ser el objetivo de futuros estudios, que aumentarán el número de especies para la cuenca.

Asimismo, se observan regiones que han sido evaluadas constantemente con monitoreo a largo plazo como los realizados en la cuenca del río Urubamba entre 1996 y 2004 y que registraron 160 especies de peces (Ortega & Hidalgo 2008); o los realizados en la reserva del Pacaya Samiria entre 2001 y 2004 y que permitieron registrar 302 especies, de las cuales 20 son potenciales especies nuevas para la ciencia (Crampton et al. 2008). Otras colectas en la cuenca fueron realizadas en la subcuenca del río Pachitea entre los 400 y 800 m de altitud, los cuales registraron 158 especies (Ortega et al. 2003), colectas en el río Aguaytía, 211 especies (Quezada et al. 2017) y colectas en el río Urubamba entre 280 y 310 m, 98 especies (Carvalho et al. 2012). En todas estas colectas, es necesario destacar la presencia de un gran número de especies identificadas hasta el nivel de género (345 lotes), destacando los generos *knodus*, *Bryconomaericus*, *Hyphessobrycon*, *Hemigrammus*, *Odontostilbe, Astroblepus*, entre otros, demostrando que falta mucho por conocer sobre la taxonomía de peces en la cuenca.

Comparando el número de especies entre cuencas en Perú, la cuenca del Ucayali sería la más diversa seguida por la cuenca del río Marañón, cuya diversidad en el Perú aún no han sido catalogadas, pero en su totalidad incluyendo Perú y Ecuador, la cuenca del Marañón registra 747 spp. (Jézéquiel et al. 2020). A nivel de toda la Cuenca Amazónica, el río Ucayali se ubicaría en la décima posición, después de Xingu (821 spp.), Purus (836 spp.), Japurá (838 spp.), Amazonas (971 spp.), Tapajos (982 spp.), Solimões (1113 spp.), Negro (1233 spp.), Madeira (1406 spp.) y Marañón (747 spp.) (Jézéquiel et al. 2020).

Existen especies con escasa revisión taxonómica, por ejemplo, *Electrophorus multivalvulus* con material tipo desconocido (Fricke et al. 2022); *Rhamdella montana* (endémica del río Tarma); *Rhamdia quelen* con localidad tipo en la costa atlántica de Brasil, pero sinónimo de especies descritas en los ríos Urubamba, Apurímac y Ucayali. Además, *Trichomycterus rivulatus* descrito para el lago Titicaca, pero con sinónimos en los ríos andinos y ríos costeros, *Orestias agassii* del lago Titicaca en el sur y lago Junín (Andes centrales); *Pithecocharax ucayalensis* conocido solo por el holotipo con dudas sobre la validez del género. Según el último estudio de *Astroblepus*, existen nueve morfotipos en los ríos Apurímac y Urubamba (Schaefer et al. 2011), que no han sido descritas hasta el momento. Recientemente, *Tometes ancylorhynchus* fue reportado para la cuenca Ucayali (Dagosta & de Pinna 2019); sin embargo, era conocida solamente en su localidad tipo en los ríos Xingu y Tocantins al este de Brasil (Andrade et al. 2016), en este trabajo, revisando toda la información disponible de colecciones científicas, no fue posible corroborar su presencia para Perú. Recientemente Chuctaya et al. (2020) registraron en las cabeceras del río Napo la presencia de *Micromyzon akamai*, especies solo conocida para los canales profundos de porción baja de los ríos Amazonas y Madeira, registros similares pueden ser encontrados en estudios de los canales profundos del río Ucayali. Los futuros estudios sobre estas especies mejorarán su correcta clasificación y distribución geográfica.

Consideraciones finales. - Los resultados de este estudio demuestran que en los últimos años se ha logrado un incremento en el registro y descripción de especies nuevas para la cuenca, pero también observamos importantes vacíos de información principalmente en zonas de difícil acceso, y con problemas sociales aun presentes en los valles de los ríos Apurímac, Ene y Mantaro (VRAEM). Es necesario impulsar estudios integrativos que permitan identificar las especies en estado incierto, y en caso de nuevas especies, describirlas. Esto permitiría dar a conocer estas especies antes que sean extintas y plantear políticas de conservación de la diversidad de peces.

La porción de la cuenca entre la confluencia del río Urubamba y Tambo y la cuenca del río Pachitea presentan vacíos de información, por lo cual es necesario un estudio más intensivo en el cauce y sus afluentes para conocer la diversidad escondida de peces. Por otro lado, una ictiofauna que necesita ser estudiada es la restringida a ambientes extremos, como son los peces de los canales profundos del río Ucayali.

Desde la primera especie descrita para la cuenca del río Ucayali en 1840, han pasado 181 años, tiempo durante el cual varios investigadores han realizado diversas colectas, cuyo material fue depositado en diferentes museos, pero mucho de ese material solamente identificado a nivel de género. Géneros como *Astroblepus*, *Astyanax*, *Hemigrammus, Knodus*, *Moenkhausia*, *Hyphessobrycon, Trichomycterus,* entre otros, muchas veces son identificadas como morfoespecies, siendo potenciales especies nuevas para la ciencia.

La cuenca del río Ucayali además de ser uno de los principales afluentes amazónicos y representar el 27.4% del territorio peruano, en la actualidad es objeto de un fuertes impactos antrópicos y otros producidos por el cambio climático, los cuales se observan a lo largo de toda su gradiente altitudinal. Las combinaciones de impactos incrementan el grado de amenazas para muchas especies y pueden acelerar el proceso de extinción de muchas especies aun no descritas. Estos impactos son la fragmentación de los hábitats por hidroeléctricas (Finer & Jenkins 2012, Anderson et al 2018); deforestación por la construcción de carreteras (Bax et al. 2016) y cultivo de palma aceitera (Porro et al. 2014, Porro et al. 2015); minería impactando desde los lagos andinos (Rodbell et al. 2014); especies introducidas (Ortega et al. 2007, Anderson & Maldonado 2010), Hidrovias (Anderson et al. 2018, WCS 2020) y cambio climático (Drenkhan et al. 2018, Herrera-R et al. 2020). Por lo tanto, es de gran importancia incentivar la protección de áreas con alta diversidad como las porciones bajas de la cuenca, regiones con alto grado de endemismos como son las regiones de los lagos altoandinos y ambientes de cabeceras en la cuenca.

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Apéndice 1. Fuentes bibliográficas para datos de distribución de peces de la cuenca del Ucayali.

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Apéndice 2. Lista de especies de peces de la cuenca del río Ucayali. LS max = longitud estándar máxima), LC = Preocupación menor, DD = Datos insuficientes, NT = Casi amenazado, CR = En peligro crítico, EN = En peligro, VU = Vulnerable, NE = No evaluado.

N	Order/Family/Current status	LS max (cm)	body	IUCN	Voucher	Reference	Type locality	Remark
	Carcharhiniformes							
	Carcharhinidae							
1	*Carcharhinus leucas* (Valenciennes 1839)	328.0	giant	NT	Thorson, (1972)			Reported as incidental catch.
	Myliobatiformes							
	Potamotrygonidae							
2	*Paratrygon aiereba* (Walbaum 1792)	122.2	giant	DD	MZUSP 14772; MZUSP 14773			Described from Pará, Brazil.
3	*Plesiotrygon nana* Carvalho & Ragno 2011	122.2	giant	N.E.	MUSM 20328		Ucayali	Described from the Pachitea basin, Ucayali.
4	*Potamotrygon falkneri* Castex & Maciel 1963	122.2	giant	DD	FMNH 84091; LACM 39934-1	Silva & Carvalho 2011		Described for the Paraná basin, with presence in the Pachitea basin, Peru.
5	*Potamotrygon motoro* (Müller & Henle 1841)	122.2	giant	DD	MZUSP 14771			Described from the Guaporé river basin, Brazil.
6	*Potamotrygon orbignyi* (Castelnau 1855)	122.2	giant	LC	MZUSP 14770			Described from the Tocantins River, Brazil.
	Osteoglossiformes							
	Arapaimidae							
7	*Arapaima gigas* (Schinz 1822)	369.0	giant	DD	MZUSP 26083; MZUSP 26237			Described for Brazil, needs review.
	Osteoglossidae							
8	*Osteoglossum bicirrhosum* (Cuvier 1829)	85.2	large	N.E.	ANSP 95830			Described from the Amazon Basin, Brazil.
	Clupeiformes							
	Engraulidae							
9	*Amazonsprattus scintilla* Roberts 1984	2.0	miniature	LC	Obs personal			Described from the Jufari River, Negro, Brazil, ANSP 193245 collected near the confluence between Ucayali and Marañón, was observed in the field.
10	*Anchoviella alleni* (Myers 1940)	8.8	small	LC	CAS 6421; MZUSP 18485		Ucayali	Described for the Ucayali basin.
11	*Anchoviella carrikeri* Fowler 1940	6.5	small	LC	MUSM 35661			Described for the Chapare river basin, Bolivia.
12	*Anchoviella guianensis* (Eigenmann 1912)	9.3	small	LC	MZUSP 25934, MZUSP 26141, MZUSP 26388			Described for Guyana.
13	*Anchoviella hernanni* Loeb, Varella & Menezes 2018	3.0	small	N.E.	MUSM 59251		Ucayali	Described for the Urubamba basin, Ucayali.
14	*Jurengraulis juruensis* (Boulenger 1898)	17.9	medium	LC	INHS 54730			Described from the Yurua Basin, Brazil.

N	Order/Family/Current status	LS max (cm)	body	IUCN	Voucher	Reference	Type locality	Remark
15	*Lycengraulis batesii* (Günther 1868)	24.6	medium	LC	UF 125997, MZUSP 25935, INHS 54729, USNM 261503			Described from Pará, Brazil, in Peru it was described as *Engraulis iquitensis* Nakashima 1941, type locality unknown, currently synonym junior.
	Pristigasteridae							
16	*Pellona altamazonica* Cope 1872	3.0	small	N.E.	Palacios et al 2008			Described from the Ampiyacu basin, Peru.
17	*Pellona flavipinnis* (Valenciennes 1837)	52.2	large	LC	MZUSP 15215			Described for Argentina, needs review.
18	*Pristigaster cayana* Cuvier 1829	14.5	medium	LC	MZUSP 18557; ANSP 68643			Described from French Guiana, needs review.
	Characiformes							
	Acestrorhynchidae							
19	*Acestrorhynchus abbreviatus* (Cope 1878)	22.0	medium	N.E.	MZUSP 14731	Toledo-Piza 2007.	Ucayali	Described for Nauta, confluence of the Ucayali and Marañon rivers.
20	*Acestrorhynchus falcatus* (Bloch 1794)	24.6	medium	N.E.	ANSP 165021			Described for Suriname
21	*Acestrorhynchus falcirostris* (Cuvier 1819)	45.0	large	N.E.	ANSP 95832			Brazil type locality.
22	*Acestrorhynchus heterolepis* (Cope 1878)	40.8	large	N.E.	MZUSP 14728			Described for the Peruvian Amazon Basin.
23	*Acestrorhynchus lacustris* (Lütken 1875)	27.0	medium	N.E.	MZUSP 14730, AMNH 223021, AMNH 223017, USNM 124406			Described from the São Francisco River, Brazil.
24	*Acestrorhynchus microlepis* (Jardine 1841)	42.2	large	N.E.	ANSP 68679; MZUSP 14732, MZUSP 14733, MZUSP 14734, MZUSP 14735, MZUSP 20531		Synonym in Ucayali	Described from the Negro River, Brazil, in Peru it was described from the Ucayali basin as *Acestrorhynchus cachorro* Fowler 1940, currently synonym junior.
25	*Heterocharax macrolepis* Eigenmann 1912	4.8	small	N.E.	MCZ 60026			Described for Rockstone, Guiana.
	Anostomidae							
26	*Abramites hypselonotus* (Günther 1868)	11.5	medium	N.E.	MZUSP 26452; USNM 261479			Described for the Marañón basin.
27	*Laemolyta garmani* (Borodin 1931)	21.4	medium	N.E.	ANSP 165049	Mautari & menezes 2006		Described from Laguna Saracá in Silves, Amazonas, Brazil.
28	*Laemolyta proxima* (Garman 1890)	28.5	medium	N.E.	CAS 15773			Described for Villa Bella and Ueranduba, Brazil.
29	*Leporellus vittatus* (Valenciennes 1850)	30.0	large	N.E.	USNM 261458; FMNH 93468			Described for the Amazon Basin, Brazil.
30	*Leporinus agassizii* Steindachner 1876	23.4	medium	N.E.	MCZ 54976			Described for the Amazon Basin between Tabatinga and Tefé, Brazil.
31	*Leporinus amazonicus* Santos & Zuanon 2008	25.0	medium	N.E.	UF 162283			Described for the confluence between Rio Salimoes and Rio Negro.

N	Order/Family/Current status	LS max (cm)	body	IUCN	Voucher	Reference	Type locality	Remark
32	*Leporinus fasciatus* (Bloch 1794)	30.3	large	N.E.	MZUSP 26723			Described for Suriname.
33	*Leporinus friderici* (Bloch 1794)	40.0	large	N.E.	MUSM 35546; MZUSP 26089.0, MZUSP 26047.0	Carvalho et al. 2011		Described from Suriname, it is a species that needs a taxonomic review.
34	*Leporinus jamesi* Garman 1929	15.5	medium	N.E.	MZUSP 26118; MUSM 10307; MUSM 0478	Garavello et al. 2014		Described from Manacapuru, Amazon Basin, Brazil.
35	*Leporinus multifasciatus* Cope 1878	19.3	medium	N.E.	MZUSP 26230.0, MZUSP 26724.0, MZUSP 26313.0, MZUSP 26259.0			Described for the Peruvian Amazon Basin.
36	*Leporinus parae* Eigenmann 1907	22.9	medium	N.E.	CAS 70473	Britski & Birindelli 2008		Described for the Amazon Basin, Pará in Brazil.
37	*Leporinus pearsoni* Fowler 1940	19.3	medium	LC	FMNH 84279	Gery 1999		Described for Cochabamba, Bolivia.
38	*Leporinus striatus* Kner 1858	20.5	medium	LC	NRM 15483	Quezada et al. 2017		Described for Mato Grosso, Brazil.
39	*Megaleporinus trifasciatus* (Steindachner 1876)	23.8	medium	N.E.	ANSP 68674; MUSM 35545	Carvalho et al. 2011	Synonym in Ucayali	Described from the Tefé river, Brazil, in Peru it was described from Ucayali as *Leporinus wolfei* Fowler 1940, currently synonym junior.
40	*Pithecocharax ucayalensis* Fowler 1906	11.7	medium	N.E.	ANSP 21997		Ucayali	Species inquirenda, description based on a juvenile individual smaller than 30 mm.
41	*Pseudanos trimaculatus* (Kner 1858)	15.4	medium	N.E.	NHMUK 1881.5.13.122-123, NHMUK 1881.5.13.120-121			Described from Brazil.
42	*Rhytiodus argenteofuscus* Kner 1858	32.0	large	N.E.	INHS 54746			Described from Rio Negro, Brazil.
43	*Rhytiodus microlepis* Kner 1858	33.2	large	N.E.	MZUSP 26231			Described from Manaus, Brazil.
44	*Schizodon fasciatus* Spix & Agassiz 1829	32.8	large	N.E.	MZUSP 26726, MZUSP 26262			Described from Brazil.
45	*Schizodon vittatus* (Valenciennes 1850)	35.0	large	N.E.	FMNH 50480, MCZ 54974			Described from the Araguay River, Brazil, species needs review.
	Bryconidae							
46	*Brycon amazonicus* (Agassiz 1829)	36.9	large	N.E.	MZUSP 25937, MZUSP 26218; MUSM 41144	Lima 2017		Described from the Trombetas River, Brazil.
47	*Brycon hilarii* (Valenciennes 1850)	45.9	large	N.E.	MZUSP 26064, MZUSP 26507; MUSM 28573	Lima 2017		Doubtful type locality, recorded for Ucayali by Lima 2017.
48	*Brycon melanopterus* (Cope 1872)	38.0	large	N.E.	MZUSP 26644; MUSM 3572; USNM 167788			Described from the Ampiyacu Basin, Peru.

N	Order/Family/Current status	LS max (cm)	body	IUCN	Voucher	Reference	Type locality	Remark
49	*Brycon pesu* Müller & Troschel 1845	12.0	medium	N.E.	UF 161854			Described from Guiana, needs review.
50	*Brycon polylepis* Moscó Morales 1988	22.4	medium	LC	MUSM 43197	Lima, 2017		Described for Lake Maracaibo, Venezuela, recorded for Peru by Lima, (2017).
51	*Salminus affinis* Steindachner 1880	46.5	large	N.E.	MZUSP 26078			Described for the Cauca River, recorded for Peru by Lima, (2017).
52	*Salminus hilarii* Valenciennes 1850	50.0	large	N.E.	MZUSP 26078; MZUSP 25949; MUSM 30	Lima 2006		Described from the Rio São Francisco (Brazil), in Peru it was described as *Brycon iquitensis* (Nakashima 1941), currently synonym junior.
	Chalceidae							
53	*Chalceus erythrurus* (Cope 1870)	21.4	medium	N.E.	AMNH 78064	Zanata & Toledo-Piza, 2004		Described from the Ampiyacu Basin, Peru.
	Characidae							
54	*Acestrocephalus boehlkei* Menezes 1977	13.5	medium	LC	MZUSP 12996-98, MUSM 35741	Carvalho et al. 2011		Described from the Napo river basin.
55	*Acrobrycon ipanquianus* (Cope 1877)	12.0	medium	N.E.	ANSP 21114		Ucayali	Described for the Urubamba basin, Ucayali.
56	*Aphyocharax avary* Fowler 1913	4.8	small	N.E.	FMNH 84249, FMNH 112966, CAS 68334, CAS 76470			Described from the Madeira River.
57	*Aphyocharax pusillus* Günther 1868	6.4	small	N.E.	MZUSP 25938, MZUSP 25939			Described from the Huallaga River.
58	*Astyanax abramis* (Jenyns 1842)	14.0	medium	N.E.	MUSM 35556, ROM 55584, LACM 37362.001, FMNH 111068	Carvalho et al. 2011		Described from the Parana basin, but has several records for Peru.
59	*Astyanax bimaculatus* (Linnaeus 1758)	14.4	medium	N.E.	MZUSP 25944, MZUSP 26069; MUSM 35557, ZUEC-PIS 13340	Carvalho et al. 2011		Described from Suriname, it is a species that needs review, it presents several records in Ucayali.
60	*Astyanax fasciatus* (Cuvier 1819)	14.0	medium	N.E.	FMNH 113586			Described from the San Francisco basin, needs review.
61	*Astyanax gandhiae* Ruiz-C., Román-Valencia, Taphorn, Buckup & Ortega 2018	10.9	medium	N.E.	MUSM 35474; MUSM 2392			Described from the Ucayali Basin.
62	*Astyanax maximus* (Steindachner 1876)	20.5	medium	N.E.	MUSM 35477		Ucayali	Described from the Ucayali Basin.
63	*Astyanax saltor* Travassos 1960	5.9	small	N.E.	LACM 37746-6, LACM 37720-1, LACM 37781-1			Described for the Cachimbo river, Pará, Brazil, needs review, presents several records in Peru.
64	*Astyanax villwocki* Zarske & Géry, 1999	11.4	medium	DD	MTD F 22400		Ucayali	Described for the Pachitea basin, Ucayali.

N	Order/Family/Current status	LS max (cm)	body	IUCN	Voucher	Reference	Type locality	Remark
65	*Attonitus ephimeros* Vari & Ortega 2000	5.0	small	LC	MUSM 11501; MUSM 35694	Carvalho et al. 2011	Ucayali	Described for the Picha River, Urubamba Basin, Ucayali.
66	*Attonitus irisae* Vari & Ortega 2000	4.6	small	LC	MUSM 10759		Ucayali	Described for the Pachitea basin, Ucayali.
67	*Axelrodia stigmatias* (Fowler 1913)	2.5	miniature	N.E.	MZUSP 26354, MZUSP 85565, NRM 26319			Described for the Madeira Basin.
68	*Axelrodia riesei* Géry 1966	2.1	miniature	N.E.	ROM 95176			Described from the Meta River, Colombia.
69	*Bario steindachneri* (Eigenmann 1893)	9.0	small	N.E.	MCP 37500			Described from Iquitos, Peru.
70	*Boehlkea fredcochui* Géry 1966	4.4	small	N.E.	LACM 37720-2, IIAP-CIIAP-00994-1, IIAP-CIIAP-00994-3	Quezada et al. 2017		Described from Alto Amazonas, Colombia.
71	*Brachychalcinus copei* (Steindachner 1882)	7.3	small	N.E.	UF 129776, NRM 13621			Described from Tabatinga, Brazil.
72	*Brachychalcinus nummus* Böhlke 1958	8.4	small	LC	MZUSP 26064; LBP 12582; MUSM 28646			Described from the Bobonaza River, Pastaza, Ecuador.
73	*Brachychalcinus orbicularis* (Valenciennes 1850)	9.0	small	N.E.	NRM 23829			Described from Essequibo River, Guiana.
74	*Bryconacidnus ellisae* (Pearson 1924)	3.8	small	LC	CAS 208763			Described from the Madeira Basin, Bolivia.
75	*Bryconacidnus hemigrammus* (Pearson 1924)	4.0	small	DD	FMNH 84189, CAS 238875			Described from the Madeira Basin, Bolivia.
76	*Bryconamericus alfredae* Eigenmann 1927	5.4	small	LC	CAS 39500		Ucayali	Described from the Urubamba River, Ucayali.
77	*Bryconamericus bolivianus* Pearson 1924.	6.8	small	LC	USNM 382951			Described from the Colorado River, Lower Bopi, Bolivia.
78	*Knodus diaphanus* (Cope 1878)	10.7	medium	LC	Quezada et al 2017	García-Melo et al.. 2019 , Quezada et al. 2017		Described from the Huallaga basin, Peru.
79	*Bryconamericus grosvenori* Eigenmann 1927	5.7	small	LC	MCZ 31562		Ucayali	Described from the Urubamba River, Ucayali.
80	*Bryconamericus osgoodi* Eigenmann & Allen 1942	6.1	small	LC	USNM 361465,USNM 361498, USNM 361481			Described from the Huallaga basin, Peru.
81	*Bryconamericus pachacuti* Eigenmann 1927	6.2	small	LC	MCZ 31563; MUSM 35695	Carvalho et al. 2011	Ucayali	Described from the Urubamba River, Ucayali.
82	*Bryconamericus phoenicopterus* (Cope 1872)	4.9	small	LC	LACM 37746-5, NHMUK 1969.11.18.10, USNM 204602			Described from the Ampiyacu River, Peru.

N	Order/Family/Current status	LS max (cm)	body	IUCN	Voucher	Reference	Type locality	Remark
83	*Bryconella pallidifrons* (Fowler 1946)	2.3	miniature	N.E.	MCP 37437, NRM 23693, USNM 236065			Described from the Amazon Basin.
84	*Ceratobranchia binghami* Eigenmann 1927	5.1	small	LC	MCZ 31561		Ucayali	Described from the Urubamba River, Ucayali.
85	*Ceratobranchia delotaenia* Chernoff & Machado-Allison 1990	3.8	small	LC	MZUSP 89678			Described from the Madre de Dios basin.
86	*Ceratobranchia obtusirostris* Eigenmann 1914	5.5	small	LC	CAS 40848; MUSM 35619	Carvalho et al. 2011	Ucayali	Described from the Chanchamayo River, Ucayali.
87	*Charax caudimaculatus* Lucena 1987	9.7	small	N.E.	USNM 361194			Described from Laguna Cocococha, Madre de Dios.
88	*Charax gibbosus* (Linnaeus 1758)	11.8	medium	N.E.	ANSP 73237, UF 161496, INHS 54751			Described from Suriname, has several records in Peru.
89	*Charax michaeli* Lucena 1989	11.3	medium	N.E.	FMNH 111067, NRM 24654			Described from the Rio Branco, Brazil.
90	*Charax tectifer* (Cope 1870)	10.0	medium	LC	MZUSP 26396, MZUSP 26650; MZUSP 20518			Described from the Ampiyacu Basin, Pebas, Peru.
91	*Cheirodon luelingi* Géry, 1964	1.8	miniature	DD	ZFMK 1417		Ucayali	Described from the Pacaya River, Ucayali.
92	*Cheirodon ortegai* Vari & Géry 1980	3.4	small	LC	AMNH 35950		Ucayali	Described from Laguna Lobo, Ucayali.
93	*Chrysobrycon hesperus* (Böhlke 1958)	8.2	small	LC	MZUSP 26166			Described from the Napo river basin.
94	*Chrysobrycon myersi* (Weitzman & Thomerson 1970)	6.4	small	LC	USNM 203697		Ucayali	Described from the Pachitea basin, Ucayali.
95	*Chrysobrycon yoliae* Vanegas-Ríos, Azpelicueta & Ortega 2014	5.2	small	N.E.	MUSM 46140		Ucayali	Described from the Abujao basin, Ucayali.
96	*Creagrutus anary* Fowler 1913	4.5	small	N.E.	Quezada et al 2017	Quezada et al. 2017		Described from the Madeira Basin.
97	*Creagrutus barrigai* Vari & Harold 2001	5.3	small	N.E.	INHS 52703	Quezada et al. 2017		Described from the Aguarico River, Napo.
98	*Creagrutus beni* Eigenmann 1911	7.3	small	N.E.	MZUSP 26480, MZUSP 26660			Described from the Beni River, Bolivia.
99	*Creagrutus changae* Vari & Harold 2001	6.7	small	LC	MUSM 8858; MUSM 35620	Carvalho et al. 2011	Ucayali	Described from Sungarayacu, Pachitea, Ucayali.
100	*Creagrutus cochui* Géry 1964	9.3	small	N.E.	MUSM 8887; MUSM 8885; MUSM 8886			Described from Iquitos, Peru.
101	*Creagrutus holmi* Vari & Harold 2001	9.2	small	LC	RON 72377	Quezada et al. 2017		Described from Bagua, Marañón Basin.
102	*Creagrutus kunturus* Vari, Harold & Ortega 1995	9.6	small	LC	FMNH 139724, FMNH 139725, FMNH 139736			Described from Comainas, Marañón Basin.
103	*Creagrutus muelleri* (Günther 1859)	10.8	medium	LC	Quezada et al 2017	Quezada et al. 2017		Described for Ecuador.

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104	*Creagrutus occidaneus* Vari & Harold 2001	6.6	small	N.E.	USNM 358017	Vari & Harold 2001		Described for the Manu river basin, Madre de Dios, with presence in Ucayali.
105	*Creagrutus ortegai* Vari & Harold 2001	7.1	small	LC	MUSM 6572	Vari & Harold 2001		Described for the Huallaga basin.
106	*Creagrutus ouranonastes* Vari & Harold 2001	10.0	medium	LC	MUSM 8872		Ucayali	Described for the Apurimac basin, Ucayali.
107	*Creagrutus peruanus* (Steindachner 1876)	8.7	small	LC	NMW 19852		Ucayali	Described for the Apurimac basin, Ucayali.
108	*Creagrutus pila* Vari & Harold 2001	7.1	small	LC	MUSM 8874; MZUSP 26073, MZUSP 26479; MUSM 35649		Ucayali	Described for the Aguaytia basin, Ucayali.
109	*Creagrutus yanatili* Harold & Salcedo 2010	8.2	small	DD	MUSM 24082		Ucayali	Described for the Urubamba basin, Ucayali.
110	*Ctenobrycon hauxwellianus* (Cope 1870)	8.0	small	N.E.	MUSM 35428; MZUSP 26155, MZUSP 26242	Carvalho et al. 2011		Described for the Ampiyacu basin, Pebas.
111	*Ctenobrycon spilurus* (Valenciennes 1850)	8.0	small	N.E.	MZUSP 25996; MZUSP 26242	Benine et al. 2010		Described for Suriname.
112	*Cynopotamus amazonum* (Günther 1868)	17.0	medium	N.E.	MZUSP 26222			Described for the Huallaga basin.
113	*Galeocharax gulo* (Cope 1870)	22.0	medium	N.E.	MZUSP 25948, MZUSP 26160			Described for the Ampiyacu basin, Pebas.
114	*Gephyrocharax major* Myers 1929	5.6	small	LC	MUSM 171; MUSM 15884; MUSM 37889	Vanegas-Rios 2016		Described for the Beni basin, Bolivia.
115	*Gymnocorymbus thayeri* Eigenmann 1908	5.0	small	N.E.	MCP 26173; MCP 26212	Benine et al. 2015		Described for the Amazon basin, Tefé.
116	*Hemibrycon beni* Pearson 1924	8.1	small	LC	CAS 44333, CAS 44334			Described for the Beni River.
117	*Hemibrycon divisorensis* Bertaco, Malabarba, Hidalgo & Ortega 2007.	8.2	small	DD	MUSM 28860		Ucayali	Described for the Tapiche River, Ucayali.
118	*Hemibrycon helleri* Eigenmann 1927	10.0	medium	LC	CAS 44354		Ucayali	Described for the Urubamba basin, Ucayali.
119	*Hemibrycon huambonicus* (Steindachner 1882)	11.9	medium	LC	MCZ 30979, ANSP 71631			Described for the Huallaga basin.
120	*Hemibrycon jelskii* (Steindachner 1876)	10.2	medium	N.E.	NMW 57546, MUSM 35492		Ucayali	Described for the Huambo River, Ucayali.
121	*Hemibrycon mikrostiktos* Bertaco & Malabarba 2010	4.4	small	LC	MUSM 35490; MCP 44521		Ucayali	Described for the Aguaytia River, Ucayali.
122	*Hemibrycon polyodon* (Günther 1864)	16.8	medium	LC	NHMUK 1875.10.14.20-23, NHMUK 1911.12.20.28-29			Described for the Pastaza basin.
123	*Hemibrycon tridens* Eigenmann 1922	6.5	small	LC	CAS 44358		Ucayali	Described for the Apurimac basin, Ucayali.
124	*Hemigrammus analis* Durbin 1909	3.0	small	N.E.	MCZ 60024			Described for Guyana.

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125	*Hemigrammus bellottii* (Steindachner 1882)	2.6	miniature	N.E.	MCZ 60030, MCP 37434, NRM 23866			Described from Tabatinga, Brazil.
126	*Hemigrammus geisleri* Zarske & Géry 2007	2.9	small	N.E.	MCP 37510, MCP 37420			Described for Pará, Brazil.
127	*Hemigrammus haraldi* Géry 1961	2.7	small	N.E.	MZUSP 26432	Lima & Souza 2009		Described for the Solimões River, Brazil.
128	*Hemigrammus levis* Durbin 1908	3.9	small	N.E.	MCZ 58465			Described for the Amazon basin, Brazil.
129	*Hemigrammus luelingi* Géry 1964	2.5	miniature	LC	ZFMK 1304; MZUSP 85587		Ucayali	Described from Pacaya, Ucayali.
130	*Hemigrammus marginatus* Ellis 1911	4.5	small	N.E.	MUSM 35755	Carvalho et al. 2011		Described from Brazil.
131	*Hemigrammus megaceps* Fowler 1945	2.3	miniature	DD	ANSP 71624		Ucayali	Described from Ninabamba, Ayacucho, Ucayali.
132	*Hemigrammus microstomus* Durbin 1918	4.0	small	N.E.	FMNH 111098, FMNH 111097			Described for Pará, Brazil.
133	*Hemigrammus newboldi* (Fernández-Yépez 1949)	5.0	small	N.E.	CAS 56075, FMNH 111138, MCZ 162101			Described from the Orinoco basin.
134	*Hemigrammus ocellifer* (Steindachner 1882)	3.6	small	N.E.	MCP 37505; MZUSP 85608	Lima & Souza 2009		Described from the Amazon basin, Brazil.
135	*Hemigrammus pulcher* Ladiges 1938	3.3	small	LC	MZUSP 26432			Described from Tabatinga, Brazil.
136	*Hemigrammus rodwayi* Durbin 1909	4.5	small	N.E.	MCZ 166268			Described for Guyana.
137	*Hemigrammus schmardae* (Steindachner 1882)	3.7	small	N.E.	ROM 55368			Described from Tabatinga, Brazil.
138	*Hemigrammus unilineatus* (Gill 1858)	4.4	small	N.E.	FMNH 111125, UF 161082, MCP 27285, NRM 23863			Described from Trinidad Island, this species needs review.
139	*Hyphessobrycon agulha* Fowler 1913	4.3	small	N.E.	MCP 27288			Described from the Madeira River, Brazil.
140	*Hyphessobrycon bentosi* Durbin 1908	4.3	small	LC	MCP 26211; MCP 34558			Described from Pará, Brazil.
141	*Hyphessobrycon chiribiquete* García-Alzate, Lima, Taphorn, Mojica, Urbano-Bonilla & Teixeira 2020	29.9	medium		ZUEC-PIS 17116	Garcia Alzate et al. 2019		Described from the Caquetá basin, Colombia.
142	*Hyphessobrycon eques* (Steindachner 1882)	4.0	small	N.E.	NRM 13594, NRM 26308, NRM 26309			Described from Pará, Brazil.
143	*Hyphessobrycon erythrostigma* (Fowler 1943)	6.1	small	N.E.	MZUSP 26431			Described of the border between Peru and Brazil.
144	*Hyphessobrycon frankei* Zarske & Géry 1997	3.4	small	LC	MTD F 17706		Ucayali	Described for the Aguaytia River, Ucayali.
145	*Hyphessobrycon gracilior* Géry 1964	2.2	miniature	LC	ZFMK 1329		Ucayali	Described from the Ucayali basin.

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146	*Hyphessobrycon loretoensis* Ladiges 1938	2.4	miniature	LC	LACM 37746-4, MZUSP 85573, MCP 37453			Described for the Amazon Basin, Loreto, Peru.
147	*Hyphessobrycon melazonatus* Durbin 1908	3.1	small	N.E.	MCP 37415, MCP 37459			Described from Paritins, Amazonas, Brazil.
148	*Hyphessobrycon minimus* Durbin 1909	1.7	miniature	N.E.	NRM 26388			Described from Guyana.
149	*Hyphessobrycon peruvianus* Ladiges 1938	3.9	small	LC	MZUSP 43636, MCP 37440, NRM 26304			Described from Tabatinga, Brazil.
150	*Hyphessobrycon robustulus* (Cope 1870)	3.6	small	LC	Quezada et al 2017	Quezada et al. 2017		Described from the Ampiyacu basin, Pebas.
151	*Hyphessobrycon rosaceus* Durbin 1909	3.4	small	N.E.	NRM 26305, NRM 26312, NRM 26386			Described from the Essequibo River, with junior synonyms described from the Amazon basin, needs review.
152	*Hyphessobrycon tenuis* Géry 1964	2.6	miniature	LC	ZFMK 1304		Ucayali	Described from Pacaya, Ucayali
153	*Jupiaba anteroides* (Géry 1965)	7.5	small	N.E.	FMNH 139727			Described from Belen, Pará, Brazil.
154	*Knodus breviceps* (Eigenmann 1908)	7.1	small	N.E.	CAS 70411; FMNH 111193	Palacios et al. 2008		Described from the Tocantins basin, Brazil.
155	*Knodus hypopterus* (Fowler 1943)	5.3	small	LC	MUSM 35671	Carvalho et al. 2011		Described from the Orteguasa River, Colombia.
156	*Knodus megalops* Myers 1929	5.7	small	LC	CAS 61845		Ucayali	Described from the Pichis River, Ucayali.
157	*Knodus mizquae* (Fowler 1943)	4.9	small	DD	CAS 243845			Described from the Mizque River, Bolivia.
158	*Knodus orteguasae* (Fowler 1943)	4.9	small	N.E.	MUSM 35414	Carvalho et al. 2011		Described from the Orteguasa River, Colombia.
159	*Knodus pasco* Zarske 2007	5.5	small	LC	MTD F 30634		Ucayali	Described from near San Antonio de Cacazú, Departamento Pasco, Ucayali.
160	*Knodus septentrionalis* Géry 1972	5.1	small	N.E.	USNM 361168, USNM 361173, USNM 361202			Described from the Pastaza River, Marañón basin.
161	*Knodus shinahota* Ferreira & Carvajal 2007	3.7	small	CR	FMNH 142909			Described from the Shinahota River, Bolivia.
162	*Knodus smithi* (Fowler 1913)	2.9	small	N.E.	MUSM 35753	Carvalho et al. 2011		Described from the Madeira River, Brazil.
163	*Leptagoniates steindachneri* Boulenger 1887	7.6	small	N.E.	MUSM 35754; MZUSP 26084, MZUSP 26085	Carvalho et al. 2011		Described from Sarayacu, Ecuador.
164	*Microgenys weyrauchi* Fowler 1945	2.8	small	DD	ANSP 71627		Ucayali	Described from Ninabamba, Ucayali.
165	*Moenkhausia agnesae* Géry 1965	6.9	small	N.E.	Quezada et al 2017	Quezada et al. 2017		Described from Leticia, Colombia.

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166	*Moenkhausia chrysargyrea* (Günther 1864)	12.0	medium	N.E.	FMNH 111201, UF 162426, MCZ 60031, NHMUK 1969.11.18.12	Palacios et al. 2008		Described from the Essequibo River, Guyana.
167	*Moenkhausia collettii* (Steindachner 1882)	5.0	small	N.E.	FMNH 111162, UF 160993, MCP 27278, NRM 26385			Described from Obidos, Amazon Basin, Brazil.
168	*Moenkhausia comma* Eigenmann 1908	7.4	small	N.E.	MCP 37425; MCP 37478			Described from the Amazon Basin, Brazil.
169	*Moenkhausia copei* (Steindachner 1882)	6.0	small	N.E.	UF 147815			Described from the Amazon basin, Pará, Brazil.
170	*Moenkhausia cotinho* Eigenmann 1908	6.1	small	N.E.	ANSP 112258			Described from the Amazon basin, Pará, Brazil.
171	*Moenkhausia dichroura* (Kner 1858)	10.0	medium	N.E.	MZUSP 26134, MZUSP 26156	Carvalho et al. 2011		Described from Brazil, this species needs review.
172	*Moenkhausia grandisquamis* (Müller & Troschel 1845)	10.0	medium	N.E.	MCP 44242			Described from Suriname, this species needs review, presents several records in Peru.
173	*Moenkhausia intermedia* Eigenmann 1908	8.0	small	N.E.	MCP 27289			Described from Tabatinga, border between Peru and Brazil.
174	*Moenkhausia jamesi* Eigenmann 1908	6.8	small	N.E.	MCZ 60029			Described from Obidos, Amazon Basin, Brazil.
175	*Moenkhausia lepidura* (Kner 1858)	8.6	small	N.E.	UF 129397; FMNH 111179			Described from the Madeira basin.
176	*Moenkhausia margitae* Zarske & Géry 2001	6.4	small	NT	MTD F 17256		Ucayali	Described from Requena, Ucayali.
177	*Moenkhausia megalops* (Eigenmann 1907)	5.0	small	N.E.	Quezada et al 2017	Quezada et al. 2017		Described from the Tapajos basin, it presents several records in Peru.
178	*Moenkhausia mikia* Marinho & Langeani 2010	7.8	small	N.E.	MZUSP 85609	Marinho & Langeani 2010		Described from Tiquie, Rio Negro, Brazil.
179	*Moenkhausia oligolepis* (Günther 1864)	10.0	medium	N.E.	MUSM 35407; MZUSP 26662	Carvalho et al. 2011		Described from Guyana.
180	*Moenkhausia ovalis* (Günther 1868)	8.0	small	LC	NHMUK 1913.7.30.11	Quezada et al. 2017		Described from Xeberos, Marañón basin.
181	*Moenkhausia simulata* (Eigenmann 1924)	7.2	small	LC	CAS 62100; MZUSP 26074		Ucayali	Described from Puerto Bermudez, Pachitea, Ucayali.
182	*Monotocheirodon pearsoni* Eigenmann 1924	3.8	small	LC	CAS 59792, CAS 233970			Described from Espia, Madeira Basin, Bolivia.
183	*Odontostilbe euspilurus* (Fowler 1945)	3.9	small	LC	MUSM 35758	Carvalho et al. 2011		Described from the Caqueta River, Colombia.
184	*Odontostilbe fugitiva* Cope 1870	3.6	small	N.E.	MUSM 35500, MCP 44234, MZUSP 26039	Carvalho et al. 2011		Described from the Ampiyacu basin.

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185	*Oxybrycon parvulus* Géry 1964	2.1	miniature	N.E.	ZFMK 1331		Ucayali	Described from the Pacaya River, Ucayali.
186	*Paracheirodon innesi* (Myers 1936)	2.2	miniature	N.E.	MZUSP 85645; MCP 37438			Described from Peruvian Amazon, Iquitos.
187	*Paragoniates alburnus* Steindachner 1876	4.9	small	N.E.	MUSM 35656; MZUSP 25941, MZUSP 26132	Carvalho et al. 2011		Described from the Amazon River, Tefé, Brazil.
188	*Parecbasis cyclolepis* Eigenmann 1914	8.0	small	N.E.	MZUSP 25942, MZUSP 26712			Described from the Madeira River, Brazil.
189	*Phenacogaster capitulata* Lucena & Malabarba 2010.	4.0	small	N.E.	MUSM 20424		Ucayali	Described from the Neshuya River, Pachitea, Ucayali.
190	*Phenacogaster pectinata* (Cope 1870)	4.5	small	N.E.	MUSM 35581	Carvalho et al. 2011		Described from the Ampiyacu basin, Pebas.
191	*Poptella compressa* (Günther 1864)	8.4	small	N.E.	FMNH 111255	Quezada et al. 2017		Described from Guyana, needs review.
192	*Priocharax pygmaeus* Weitzman & Vari 1987	1.7	miniature	LC	MZUSP 85644, MCP 37470	Mattox et al. 2021		Described from the Amazon basin, Colombia.
193	*Prionobrama filigera* (Cope 1870)	4.9	small	N.E.	MZUSP 25994, MZUSP 26103			Described from the Ampiyacu basin.
194	*Prodontocharax alleni* Böhlke 1953	4.4	small	N.E.	CAS-SU 17472; MCP 45741; MZUSP 25943		Ucayali	Described from Cashiboya, Ucayali.
195	*Prodontocharax melanotus* Pearson 1924	4.8	small	N.E.	MUSM 35434	Carvalho et al. 2011		Described from Beni, Itenez and the upper Madre de Dios River.
196	*Protocheirodon pi* (Vari 1978)	3.1	small	N.E.	CAS 70650; MZUSP 26387; USNM 280399			Described from the Mamoré River, Bolivia.
197	*Roeboides affinis* (Günther 1868)	11.0	medium	LC	MUSM 338; MUSM 515; MZUSP 25947, MZUSP 26042			Described from the Huallaga River, Peru.
198	*Roeboides biserialis* (Garman 1890)	4.8	small	N.E.	UF 161573, UF 129865			Described from Obidos, Amazon Basin, Brazil.
199	*Roeboides descalvadensis* Fowler 1932	8.9	small	N.E.	MNHG 2091.79-80	Lucena 2007		Described for Mato Grosso, Brazil, Lucena (2007) records its presence for Peru.
200	*Roeboides dispar* Lucena 2001	8.1	small	N.E.	MZUSP 26157; MZUSP 26398		Ucayali	Described from Jurua, with paratypes from the Ucayali basin.
201	*Roeboides myersii* Gill 1870	18.0	medium	N.E.	MZUSP 26046, MZUSP 26158, MZUSP 26159; ANSP 73159	Toledo-Piza 2007.		Described Marañón River and Napo River.
202	*Scopaeocharax atopodus* (Böhlke 1958)	2.2	miniature	LC	SNSD17304, SNSD 11106	Quezada et al. 2017		Described from the Monzón River, Huallaga.

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203	*Stethaprion erythrops* Cope 1870	8.8	small	N.E.	MCP 11827, MZUSP 26115			Described from the Ampiyacu basin, Pebas.
204	*Tetragonopterus argenteus* Cuvier 1816	11.2	medium	N.E.	MZUSP 25997, MZUSP 26393			Unknown locality, presents several records in Peru.
205	*Tetragonopterus chalceus* Spix & Agassiz 1829	10.4	medium	N.E.	UF 126205; UF 162248	Quezada et al. 2017		Described from Pará, Amazon Basin, Brazil.
206	*Thayeria obliqua* Eigenmann 1908	7.6	small	N.E.	FMNH 111225, MCZ 54982			Described from Obidos, Amazon Basin, Brazil.
207	*Tyttocharax cochui* (Ladiges 1949)	2.1	miniature	N.E.	ROM 55901			Described from the Peruvian Amazon basin.
208	*Tyttocharax madeirae* Fowler 1913	2.1	miniature	N.E.	FMNH 84198	Quezada et al. 2017		Described from the Madeira basin.
209	*Xenurobrycon heterodon* Weitzman & Fink 1985	2.1	miniature	LC	MCZ 54255; MUSM 35502	Carvalho et al. 2011		Described from the Pastaza basin.
210	*Xenurobrycon polyancistrus* Weitzman 1987	1.4	miniature	LC	USNM 383190, USNM 383192			Described from the Beni River, Bolivia.
	Crenuchidae							
211	*Ammocryptocharax elegans* Weitzman & Kanazawa 1976	3.3	small	N.E.	MZUSP 85634, MCP 37508, MCP 37509			Described from the Meta River, Colombia.
212	*Characidium etheostoma* Cope 1872	4.2	small	N.E.	RON 95210	Palacios et al. 2008		Described from the Ampiyacu basin.
213	*Characidium geryi* (Zarske 1997)	2.4	miniature	LC	MTD F 17355		Ucayali	Described from the Manatai stream, Ucayali.
214	*Characidium pteroides* Eigenmann 1909	2.8	small	LC	MCP 37509, MCP 37423			Described from Konawaruk, Guyana.
215	*Characidium purpuratum* Steindachner 1882	5.3	small	LC	FMNH 105250; FMNH 84208			Described from Canelos, Pastaza, Ecuador.
216	*Characidium roesseli* Géry 1965	3.1	small	N.E.	FMNH 84210			Described from the Amazon basin, Leticia.
217	*Characidium steindachneri* Cope 1878	4.1	small	N.E.	USNM 382947, USNM 382996			Described from the Peruvian Amazon basin.
218	*Characidium sterbai* (Zarske 1997)	3.0	small	LC	MTD F 17561, MUSM 35485		Ucayali	Described from the Huacamayo River, Aguaytia Basin, Ucayali.
219	*Characidium zebra* Eigenmann 1909	7.4	small	N.E.	FMNH 105248, FMNH 84216, USNM 293189			Described from Maripicru Creek, Guyana.
220	*Crenuchus spilurus* Günther 1863	4.7	small	N.E.	MZUSP 26205			Described from the Essequibo River, Guyana.
221	*Elachocharax pulcher* Myers 1927	2.2	miniature	N.E.	MZUSP 26460			Described from Caño de Quiribana, Venezuela.
222	*Klausewitzia ritae* Géry 1965	2.5	miniature	N.E.	MZUSP 26781			Described from the surroundings of Leticia and Tabatinga, border with Peru.
223	*Melanocharacidium dispilomma* Buckup 1993	4.1	small	N.E.	NRM 18651			Described from the Amazon basin, Brazil.

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224	*Odontocharacidium aphanes* (Weitzman & Kanazawa 1977)	1.7	miniature	N.E.	ROM 95478, ROM 95480			Described from the Negro River, Brazil.
	Curimatidae							
225	*Curimata aspera* Günther 1868	21.2	medium	N.E.	BMNH 1969.7.15.42; AMNH 35682; USNM 2614			Described from the Huallaga basin.
226	*Curimata cisandina* (Allen 1942)	12.2	medium	N.E.	USNM 261483; USNM 261472			Described from the Huallaga basin.
227	*Curimata cyprinoides* (Linnaeus 1766)	23.0	medium	N.E.	FMNH 77088			Unknown type locality, species needs review.
228	*Curimata roseni* Vari 1989	19.5	medium	N.E.	UMMZ 185274			Described from Roraima, Brazil.
229	*Curimata vittata* (Kner 1858)	19.6	medium	LC	CAS 57148; MZUSP 26307		Synonym in Ucayali	Described from the Guaporé River, it presents a described junior synonym of the Ucayali basin, *Curimata murieli* Allen 1942.
230	*Curimatella alburnus* (Müller & Troschel 1844)	18.8	medium	N.E.	MCP 27287; MCP 27290			Described from Lake Amucu, Guyana.
231	*Curimatella immaculata* (Fernández-Yépez 1948)	15.4	medium	N.E.	USNM 261441			Described from Obidos, Amazon Basin, Brazil.
232	*Curimatella meyeri* (Steindachner 1882)	17.2	medium	N.E.	CAS 60628 ;USNM 311164		Synonym in Ucayali	Described from the Huallaga River, it presents a junior synonym described from the Ucayali basin, *Curimata reticulata* Allen 1942.
233	*Curimatopsis cryptica* Vari 1982	5.0	small	N.E.	UF 128816			Described from the Orinoco and Amazon, species needs review.
234	*Curimatopsis macrolepis* (Steindachner 1876)	6.0	small	N.E.	AMNH 45093			Described from Tabatinga, border between Peru and Brazil.
235	*Cyphocharax derhami* Vari & Chang 2006	8.9	small	LC	MUSM 5335			Described from the Marañón basin
236	*Cyphocharax festivus* Vari 1992	13.7	medium	N.E.	UF 162196			Described from the Nanay River, Loreto, Peru.
237	*Cyphocharax notatus* (Steindachner 1908)	14.7	medium	N.E.	NRM 23731, NRM 23737			Described from Belem, Amazon Basin, Brazil.
238	*Cyphocharax pantostictos* Vari & Barriga Salazar 1990	9.8	small	LC	ANSP 164980			Described from the Napo River, Ecuador.
239	*Cyphocharax plumbeus* (Eigenmann & Eigenmann 1889)	17.8	medium	N.E.	INHS 54733			Described from the Paraná basin, with presence in the Amazon basin.
240	*Cyphocharax spiluropsis* (Eigenmann & Eigenmann 1889)	9.0	small	N.E.	ANSP 68670; USNM 311100		Synonym in Ucayali	Described from the Solimões River, in Ucayali this species was described as *Curimatoides ucayalensis* Fowler 1940, currently synonym junior.
241	*Cyphocharax spilurus* (Günther 1864)	10.4	medium	N.E.	CAS 69804			Described from the Essequibo River, Guyana.
242	*Potamorhina altamazonica* (Cope 1878)	27.0	medium	N.E.	ANSP 73166; CAS-IU 17861; BMNH 1969.7.15.48	Vari 1984		Described from the Peruvian Amazon basin.

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243	*Potamorhina latior* (Spix & Agassiz 1829)	24.0	medium	N.E.	AMNH 35687; AMNH 48673	Vari 1984		No known type, Amazon Basin.
244	*Potamorhina pristigaster* (Steindachner 1876)	21.9	medium	N.E.	MZUSP 26311	Vari 1984		Described from Tefé, Amazon Basin, Brazil.
245	*Psectrogaster amazonica* Eigenmann & Eigenmann 1889	19.0	medium	N.E.	USNM 261519; BMNH 1969.11.18.7	Vari 1989		Described from the Negro River, Brazil.
246	*Psectrogaster essequibensis* (Günther 1864)	16.9	medium	N.E.	UF 129788, UF 161843, UF 126222			Described from the Essequibo River, Guyana.
247	*Psectrogaster rutiloides* (Kner 1858)	17.8	medium	N.E.	USNM 261484; MZUSP 26173	Vari 1989		Described from the Amazon basin.
248	*Steindachnerina bimaculata* (Steindachner 1876)	17.3	medium	N.E.	ANSP 68669; USNM 261440; USNM 289292		Synonym in Ucayali	Described from the Yavarí River, in Ucayali was described as *Curimata melaniris* Fowler 1940, currently synonym junior.
249	*Steindachnerina dobula* (Günther 1868)	16.3	medium	N.E.	CAS 19881; USNM 261517		Synonym in Ucayali	Described from the Huallaga River, in Ucayali was described as *Curimata hypostoma hastata* Allen 1942, currently synonym junior.
250	*Steindachnerina guentheri* (Eigenmann & Eigenmann 1889)	11.1	medium	N.E.	USNM 298034; USNM 220347; MUSM 35626	Carvalho et al. 2011		Described from Tabatinga, border between Peru and Brazil.
251	*Steindachnerina hypostoma* (Boulenger 1887)	9.8	small	N.E.	BMNH 1881.5.13.105; MUSM 35707; USNM 261493; USNM 293092	Carvalho et al. 2011	Ucayali	Described from the Ucayali River, Amazon system, Peru, presents a junior synonym described for the Pichis River basin, Pachitea, *Curimata hypostoma hastata* Allen 1942.
252	*Steindachnerina leucisca* (Günther 1868)	15.1	medium	N.E.	USNM 261520; USNM 261500	Vari 1991		Described from Huallaga River, Marañón Basin
	Cynodontidae							
253	*Cynodon gibbus* (Spix & Agassiz 1829)	32.2	large	N.E.	MZUSP 26176; MZUSP 26728	Toledo-Piza 2000		Described from Amazonas, Brazil.
254	*Hydrolycus scomberoides* (Cuvier 1819)	98.4	large	N.E.	MZUSP 26177	Toledo-Piza 2007.		Described from Amazonas, Brazil.
255	*Hydrolycus tatauaia* Toledo-Piza, Menezes & Santos 1999	48.4	large	N.E.	ANSP 176299			Described from the Xingu River, Brazil.
256	*Rhaphiodon vulpinus* Spix & Agassiz 1829	80.0	large	N.E.	MZUSP 15219; MZUSP 26729	Toledo-Piza 2000		Described from the Amazon basin, Brazil.
	Erythrinidae							
257	*Erythrinus erythrinus* (Bloch & Schneider 1801)	20.0	medium	N.E.	MUSM 17180; MUSM 322			Described from Suriname, presents several records in Peru.
258	*Hoplerythrinus unitaeniatus* (Spix & Agassiz 1829)	22.1	medium	N.E.	MUSM 13236			Described from the São Francisco River.
259	*Hoplias malabaricus* (Bloch 1794)	53.3	large	N.E.	MUSM 35759; MUSM 13426; MUSM 1594	Carvalho et al. 2011		Described from South America, probably Suriname.

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	Gasteropelecidae							
260	*Carnegiella marthae* Myers 1927	2.8	small	N.E.	ROM 55888, SNSD 10937, SNSD 10936			Described from Caño de Quiribana, Venezuela, species needs review.
261	*Carnegiella myersi* Fernández-Yépez 1950	2.2	miniature	N.E.	MUSM 16937; MUSM 15535			Described from Yurimaguas, Huallaga.
262	*Carnegiella schereri* Fernández-Yépez 1950	2.6	miniature	N.E.	ROM 55888, MCZ 162853			Described from Pebas, Ampiyacu basin, Peru.
263	*Carnegiella strigata* (Günther 1864)	3.5	small	N.E.	MZUSP 26105, MCP 37462, NRM 18650, USNM 280081			Species with unknown type locality, needs review.
264	*Gasteropelecus levis* (Eigenmann 1909)	3.5	small	N.E.	NHMUK 1913.7.30.12			Described from Belem, Pará, Brazil.
265	*Gasteropelecus sternicla* (Linnaeus 1758)	3.9	small	N.E.	MZUSP 26227; MZUSP 26005			Described from Suriname, for Iquitos it was described as *Gasteropelecus coronatus* Allen, 1942, currently synonym junior.
266	*Thoracocharax securis* (De Filippi 1853)	6.8	small	N.E.	ANSP 84200, MCZ 54985			Described from the Napo River, Amazon basin.
267	*Thoracocharax stellatus* (Kner 1858)	6.7	small	N.E.	MZUSP 25957; MUSM 16685			Described from the Cuiabá River, Brazil.
	Hemiodontidae							
268	*Anodus elongatus* Agassiz 1829	30.3	large	N.E.	ANSP 21227; USNM 231550		Synonym in Ucayali	Unknown type locality, described as *Anodus melanopogon* Cope 187 for Ucayali, currently synonym junior.
269	*Hemiodus amazonum* (Humboldt, 1821)	20.5	medium	LC	MZUSP 52251			Described from the Marañón Basin, Peru.
270	*Hemiodus argenteus* Pellegrin 1909	23.7	medium	N.E.	UF 126017, UF 129374			Described for the Orinoco basin, needs review.
271	*Hemiodus atranalis* (Fowler 1940)	9.2	small	N.E.	ANSP 68671; MZUSP 26299		Ucayali	Described for Contamana, Ucayali.
272	*Hemiodus gracilis* Günther 1864	16.3	medium	N.E.	MZUSP 26296			Described for the Tapajos Basin, Brazil.
273	*Hemiodus microlepis* Kner 1858	23.9	medium	N.E.	MZUSP 26323; ANSP 134784			Described for the Guaporé River, Madeira, Brazil.
274	*Hemiodus unimaculatus* (Bloch 1794)	26.0	medium	N.E.	MZUSP 26302			Described for Suriname, needs review.
	Iguanodectidae							
275	*Bryconops affinis* (Günther 1864)	9.8	small	N.E.	NRM 26321			Described for Guyana, needs review.
276	*Bryconops alburnoides* Kner 1858	15.0	medium	N.E.	CAS 57963			Described for the Guaporé River, Madeira, Brazil.
277	*Bryconops inpai* Knöppel, Junk & Géry 1968	8.2	small	N.E.	MCP 37511; MZUSP 85612	Silva-Oliveira et al. 2019		Described for the Ducke Reserve, Manaus, Brazil.

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278	*Bryconops melanurus* (Bloch 1794)	12.0	medium	N.E.	UF 126208, UF 126213			Described for Suriname, needs review.
279	*Iguanodectes purusii* (Steindachner 1908)	7.5	small	N.E.	UF 126207, UF 129771			Described for the Purús basin, Brazil.
280	*Iguanodectes spilurus* (Günther 1864)	10.2	medium	N.E.	MZUSP 26045, MZUSP 26252			Described for the Tapajos basin, in Peru it was described as *Iguanodectes tenuis* Cope 1972, currently synonym junior.
281	*Piabucus melanostoma* Holmberg 1891	11.5	medium	N.E.	MZUSP 26001, MZUSP 26293			Described for Formosa, Argentina, species need review.
	Lebiasinidae							
282	*Copeina guttata* (Steindachner 1876)	7.6	small	N.E.	UF 126177; UF 29853	Palacios et al. 2008		Described for Obidos, Amazon River, in Peru was described as *Pyrrhulina argyrops* Cope 1878, currently synonym junior.
283	*Copeina osgoodi* Eigenmann 1922	5.1	small	N.E.	UF 161329, UF 162147			Described for the Yavarí basin, Peru.
284	*Copella callolepis* (Regan 1912)	4.5	small	N.E.	ZMH 121; ANSP 165007		Synonym in Ucayali	Described for the Amazon basin, described as *Copella nigrofasciata* (Meinken, 1952) for Ucayali.
285	*Copella eigenmanni* (Regan 1912)	3.6	small	N.E.	MTD F 10998; MTD F 10999	Zarske 2011		Described for the Meta River, Orinoco basin, needs review.
286	*Copella nattereri* (Steindachner 1876)	4.5	small	N.E.	UMMZ 251704			Described for the Negro River, Brazil.
287	*Nannostomus eques* Steindachner 1876	4.1	small	N.E.	FMNH 111250, MZUSP 26699, MCP 37469, NRM 27653			Described for the Peruvian Amazon, Tabatinga, presents a junior synonym described for Guyana, Poecilobrycon auratus Eigenmann 1909, needs review.
288	*Nannostomus trifasciatus* Steindachner 1876	3.6	small	N.E.	MZUSP 26700, MCP 37429, NRM 14593, USNM 261436			Described for the Amazon River between Tabatinga and Rio Negro, it presents junior synonymous species described for the lower Amazon and Guyana, needs review.
289	*Pyrrhulina brevis* Steindachner 1876	7.0	small	N.E.	MZUSP 26679			Described from individuals collected from Tabatinga and Rio Negro.
290	*Pyrrhulina eleanorae* Fowler 1940	7.5	small	LC	ANSP 68676		Ucayali	Described for Contamana, Ucayali.
291	*Pyrrhulina laeta* (Cope 1872)	7.6	small	N.E.	MZUSP 26702			Described from the Ampiyacu River, Peru.
292	*Pyrrhulina lugubris* Eigenmann 1922	5.0	small	N.E.	MCP 37424, MCP 37507			Described for the Meta River, Orinoco, needs review.
293	*Pyrrhulina obermulleri* Myers 1926	6.0	small	DD	MZUSP 26703; MCP 37460			Described for the Peruvian Amazon.
294	*Pyrrhulina semifasciata* Steindachner 1876	7.0	small	N.E.	MCP 37419; MCP 37466			Described for the Amazon River between Tabatinga and Rio Negro.
295	*Pyrrhulina stoli* Boeseman 1953	6.0	small	N.E.	MCP 37451			Described for Suriname, needs review.
296	Pyrrhulina vittata Regan 1912	3.5	small	N.E.	observacion			Described for the Amazon basin, Obidos, Brazil.

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297	*Pyrrhulina zigzag* Zarske & Géry 1997	3.5	small	N.E.	MTD F 17705; MCP 26213		Ucayali	Described from Pucallpa, Ucayali.
	Parodontidae							
298	*Parodon buckleyi* Boulenger 1887	15.0	medium	N.E.	MUSM 374; MZUSP 26082; MZUSP 26484			Described for Canelos, Pastaza, Ecuador.
299	*Parodon pongoensis* (Allen 1942)	10.4	medium	N.E.	MUSM 35660; MZUSP 26081	Carvalho et al. 2011		Described from the Pongo de Manseriche, Marañón.
	Prochilodontidae							
300	*Prochilodus nigricans* Spix & Agassiz 1829	36.9	large	N.E.	USNM 53473; ANSP 21211; MUSM 35404; MZUSP 26006, MZUSP 26652,MZUSP 26653,MZUSP 26170	Carvalho et al. 2011	Synonym in Ucayali	Described from the Solimões River, Brazil, in Peru this species was described as *Prochilodus caudifasciatus* Starks 1906 and *Prochilodus cephalotes* Cope 1878 for Ucayali.
301	*Semaprochilodus insignis* (Jardine 1841)	27.5	medium	N.E.	ANSP 86873; ANSP 73183	Castro & Vari 2004		Described for the Branco River, Brazil, described for Peru as *Prochilodus insignis* Jardine 1841.
	Serrasalmidae							
302	*Colossoma macropomum* (Cuvier 1816)	80.1	large	N.E.	ANSP 21124; MZUSP 20438		Synonym in Ucayali	Described as *Myletes nigripinnis* Cope 1878 for Ucayali.
303	*Metynnis argenteus* Ahl 1923	14.0	medium	N.E.	FMNH 84244			Described for the Tapajos Basin, Brazil.
304	*Metynnis hypsauchen* (Müller & Troschel 1844)	18.0	medium	N.E.	MZUSP 26224, MZUSP 26285			Described for Guyana, with several junior synonyms described for the Amazon basin.
305	*Metynnis lippincottianus* (Cope 1870)	16.4	medium	N.E.	UF 128813			Described for Pará, Brazil, with several junior synonyms for the Amazon basin.
306	*Metynnis luna* Cope 1878	12.9	medium	N.E.	MZUSP 26285; ASNP 189575	Ota et la 2016		Described for the Peruvian Amazon.
307	*Myloplus asterias* (Müller & Troschel 1844)	20.5	medium	N.E.	NHMUK 1977.3.10.306			Described for the Essequibo River, with several junior synonyms described for the Amazon basin.
308	*Myloplus levis* (Eigenmann & McAtee 1907)	20.0	medium	N.E.	CAS 70861, CAS 70862, USNM 233848			Described for the Paraguay-Paraná basin, it needs review.
309	*Myloplus lobatus* (Valenciennes 1850)	24.5	medium	N.E.	ANSP 73169			Described for Amazon Basin, Brazil.
310	*Myloplus rubripinnis* (Müller & Troschel 1844)	34.0	large	N.E.	MZUSP 26225, MZUSP 26226			Described for the Guyana basin, needs review.
311	*Myloplus schomburgkii* (Jardine 1841)	42.0	large	N.E.	ANSP 73157			Described for the Negro River, Brazil.
312	*Myloplus torquatus* (Kner 1858)	30.3	large	N.E.	UF 129081, UF 129805			Described for the Branco River, Brazil.

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313	*Mylossoma albiscopum* (Cope 1872)	25.0	medium	N.E.	MZUSP 25998, MZUSP 26162			Described for the Ambyiacu River, Peru, known for many years in Peru as *Mylossoma duriventris* Cuvier 1817.
314	*Mylossoma aureum* (Spix & Agassiz 1829).	16.4	medium	N.E.	ANSP 73179			Described for the Amazon basin, in Peru it was described as *Myletes herniarius* Cope 1872, currently synonym junior.
315	*Piaractus brachypomus* (Cuvier 1818)	62.7	large	N.E.	MZUSP 15207			Described for Amazonia, Brazil, in Peru it was described as *Myletes paco* Humboldt 1821, for the Marañón River.
316	*Pygocentrus cariba* (Humboldt 1821)	22.9	medium	N.E.	UF 20573, USNM 331152, USNM 331157			Described for the Orinoco basin, needs review.
317	*Pygocentrus nattereri* Kner 1858	50.0	large	N.E.	MZUSP 4503; ANSP 73175			Described for Cuiabá, Brazil, in Peru it was described as *Pygocentrus altus* Gill 1870, currently synonym junior.
318	*Serrasalmus elongatus* Kner 1858	24.6	medium	N.E.	MZUSP 26283			Described for the Guaporé River, Madeira, Brazil.
319	*Serrasalmus humeralis* Valenciennes 1850	20.0	medium	N.E.	MZUSP 25951, MZUSP 25952			Described for Amazonas, Brazil, in Peru was described *Serrasalmo iridopsis* Cope 1872, described for the Ampiyacu basin, placed as uncertain in *Serrasalmus humeralis*, species needs review.
320	*Serrasalmus rhombeus* (Linnaeus 1766)	41.5	large	N.E.	MUSM 35437; MZUSP 25954, MZUSP 26043	Carvalho et al. 2011		Described for Suriname, in Peru was described *Serrasalmo immaculatus* Cope 1878, for the Peruvian Amazon basin, currently synonym junior, species needs review.
321	*Serrasalmus sanchezi* Géry 1964	11.4	medium	LC	ZFMK 1216		Ucayali	Described for Pacaya, Ucayali.
	Triportheidae							
322	*Agoniates anchovia* Eigenmann 1914	14.8	medium	N.E.	UF 129712; UF 129738			Described for the Beni River, Bolivia, in Peru was described *Agoniates ladigesi* Gery 1963, currently synonym junior.
323	*Clupeacharax anchoveoides* Pearson 1924	6.6	small	N.E.	MUSM 35727	Carvalho et al. 2011		Described for the Madeira basin, Bolivia.
324	*Engraulisoma taeniatum* Castro 1981	4.2	small	N.E.	USNM 361320, USNM 361425	Quezada et al. 2017		Described for Cuiabá, Brazil.
325	*Triportheus albus* Cope 1872	21.1	medium	N.E.	USNM 280577; MZUSP 26163, MZUSP 26449	Malabarba et al. 2004		Described for the Ampiyacu basin, Peru.
326	*Triportheus angulatus* (Spix & Agassiz 1829)	23.8	medium	N.E.	MUSM 35659; MZUSP 25955, MZUSP 25999; USNM 280510	Carvalho et al. 2011		Described for the Solimoes River, Brazil, in Peru it was described as *Triportheus flavus* Cope 1872 for the Ampiyacu basin, and *Chalcinus muellerii* De Filippi 1853 for the Napo basin, both currently synonym junior.

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327	*Triportheus auritus* (Valenciennes 1850)	25.5	medium	N.E.	INHS 38943	Malabarba et al. 2004		Described for the Negro River basin, Brazil.
328	*Triportheus culter* (Cope 1872)	24.5	medium	N.E.	MZUSP 26438			Described for the Ampiyacu basin, Peru.
329	*Triportheus curtus* (Garman 1890)	10.7	medium	N.E.	MCP 48130			Described from Pará, Amazon Basin, Brazil.
330	*Triportheus rotundatus* (Jardine 1841)	22.0	medium	LC	MZUSP 26087			Described for the Purús basin, Brazil, in Peru it was described as *Chalcinus rotundatus* Nkashima 1941, lost type material, currently synonym junior.
	Gymnotiformes							
	Apteronotidae							
331	*Adontosternarchus balaenops* (Cope 1878)	20.5	medium	N.E.	ANSP 83968			Described from the Ampiyacu basin, Pebas, Peru.
332	*Adontosternarchus clarkae* Mago-Leccia, Lundberg & Baskin 1985	15.3	medium	N.E.	MZUSP 51042			Described for the Negro River basin.
333	*Adontosternarchus sachsi* (Peters 1877)	26.4	medium	N.E.	MZUSP 26455, MZUSP 55258			Described for the Orinoco basin, Venezuela.
334	*Apteronotus albifrons* (Linnaeus 1766)	49.1	large	N.E.	MUSM 35762	Carvalho et al. 2011; Quezada et al. 2017	Synonym in Ucayali	Described for Suriname, in Peru described as *Sternarchus maximilliani* Castelnau 1855 for Ucayali, needs review.
335	*Apteronotus bonapartii* (Castelnau 1855)	22.1	medium	N.E.	MNHN 0000-3807; MUSM 54641		Ucayali	Described for the Ucayali River
336	*Compsaraia compsa* (Mago-Leccia 1994)	27.8	medium	N.E.	INHS 52736			Described for the Orinoco basin, needs review.
337	*Parapteronotus hasemani* (Ellis 1913)	31.2	large	N.E.	UF 148046, UF 129228, INHS 54797			Described from Pará, Brazil, in Peru it was described as *Apteronotus anas* Eigenmann & Allen 1942 for Iquitos.
338	*Platyurosternarchus macrostoma* (Günther 1870)	32.8	large	LC	FMNH143052	Quezada et al. 2017		Described for the Marañón basin, Peru.
339	*Porotergus duende* de Santana & Crampton 2010	15.1	medium	N.E.	UF 129817	de Santana & Crampton 2010		Described for Solimoes River, near Tefé, Brazil.
340	*Sternarchella schotti* (Steindachner 1868)	32.8	large	N.E.	ANSP 84267	Lundberg et al. 2013		Described for Manaus, Brazil, in Peru described as *Porotergus terminalis* Eigenmann & Allen 1942, for Iquitos.
341	*Sternarchogiton nattereri* (Steindachner 1868)	20.5	medium	N.E.	INHS 52734			Described for the Negro River, Brazil, in Peru it was described as *Oedemognathus exodon* Myers 1936 for the Ampiyacu River, currently synonym junior. ANSP 182211 was collected near the confluence between Ucayali and Marañón.
342	*Sternarchorhamphus muelleri* (Steindachner 1881)	37.3	large	N.E.	ANSP 120348; ANSP 95834			Described for the Amazon basin, Pará in Brazil.

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343	*Sternarchorhynchus curvirostris* (Boulenger 1887)	33.3	large	DD	NRM 16508			Described for the Bobonaza River, Pastaza, Ecuador.
344	*Sternarchorhynchus stewarti* de Santana & Vari 2010	18.8	medium	LC	INHS 52735			Described for the Marañón basin, Peru.
345	*Sternarchorhynchus taphorni* de Santana & Vari 2010	25.4	large	LC	ROM 55531		Ucayali	Described for the Huallaga, with paratypes from the Ucayali basin.
	Gymnotidae							
346	*Electrophorus multivalvulus* Nakashima 1941	250.0	giant	LC	Sin tipo		Ucayali	Described for the Pachitea basin, Ucayali
347	*Electrophorus varii* de Santana, Wosiacki, Crampton, Sabaj, Dillman, Mendes-Júnior & Castro 2019	250.0	giant	LC	CAS 72183			Described from Pará, Amazon basin, Brazil.
348	*Gymnotus carapo* Linnaeus 1758	76.0	large	N.E.	UF 126181, MUSM 35859	Carvalho et al. 2011		Unknown type locality, America, in Peru described as *Gymnotus carapo occidentalis* Craig, Crampton & Albert 2017, for Ucayali.
349	*Gymnotus chaviro* Maxime & Albert 2009	23.3	medium	N.E.	FMNH 142993			Described from the Jurua Basin, Brazil.
350	*Gymnotus coatesi* LaMonte 1935	24.6	medium	N.E.	MCP 34839; MUSM 20683	Craig et al. 2019		Described from the Moju River, Santarem, Brazil.
351	*Gymnotus curupira* Crampton, Thorsen & Albert 2005	19.3	medium	N.E.	UF 144627; UF 144628	Craig et al. 2019		Described from Tefe, Amazon basin, Brazil.
352	*Gymnotus eyra* Craig, Correa-Roldán, Ortega, Crampton & Albert 2018	14.8	medium	N.E.	MUSM 36141	Craig et a 2018		Described for the Los Amigos River, Madre de Dios, Peru.
353	*Gymnotus javari* Albert, Crampton & Hagedorn 2003	16.5	medium	N.E.	MUSM 3234	Craig et al. 2019		Described for the Yavarí basin, Peru.
354	*Gymnotus jonasi* Albert & Crampton 2001	11.1	medium	LC	UF 131410	Crampton et al. 2016		Described from the Mamirauá Reserve, Brazil.
355	*Gymnotus ucamara* Crampton, Lovejoy & Albert 2003	15.6	medium	N.E.	UF 126182; MUSM 35860; MUSM 9274	Carvalho et al. 2011	Ucayali	Described for Pacaya, Ucayali.
356	*Gymnotus varzea* Crampton, Thorsen & Albert 2005	23.4	medium	N.E.	UF 133583; UF 133582	Craig et al. 2019		Described from the Mamirauá Reserve, Brazil.
	Hypopomidae							
357	*Brachyhypopomus beebei* (Schultz 1944)	32.0	large	N.E.	UF 126247; MUSM 44675; MUSM 44681			Described from the Caripe River, Orinoco, Venezuela.
358	*Brachyhypopomus benjamini* Crampton, de Santana, Waddell & Lovejoy 2017	11.1	medium	N.E.	MUSM 39915; MUSM 44676	Crampton et al.. 2017	Ucayali	Described for Jenaro Herrera, Ucayali.
359	*Brachyhypopomus bennetti* Sullivan, Zuanon & Cox Fernandes 2013	19.0	medium	N.E.	MUSM 44757; UF 126301, UF 126161			Described for the Negro River basin, Brazil.
360	*Brachyhypopomus brevirostris* (Steindachner 1868)	28.5	medium	N.E.	MUSM 44702; UF 148471	Crampton et al.. 2017		Described for the Guaporé River, Brazil.
361	*Brachyhypopomus flavipomus* Crampton, de Santana, Waddell & Lovejoy 2017	9.6	small	N.E.	MUSM 44760; MUSM 44770	Crampton et al.. 2017		Described from the Mamirauá Reserve, Brazil.

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362	*Brachyhypopomus hamiltoni* Crampton, de Santana, Waddell & Lovejoy 2017	10.3	medium	N.E.	MUSM 44704	Crampton et al.. 2017		Described from the Mamirauá Reserve, Brazil.
363	*Brachyhypopomus regani* Crampton, de Santana, Waddell & Lovejoy 2017	12.8	medium	N.E.	UF 129816; UF 126192	Crampton et al.. 2017		Described from the Mamirauá Reserve, Brazil.
364	*Brachyhypopomus sullivani* Crampton, de Santana, Waddell & Lovejoy 2017	12.5	medium	N.E.	MUSM 39624; MUSM 5402	Crampton et al.. 2017	Ucayali	Described for Jenaro Herrera, Ucayali.
365	*Brachyhypopomus verdii* Crampton, de Santana, Waddell & Lovejoy 2017	9.8	small	N.E.	MUSM 35307; MUSM 44683	Crampton et al.. 2017	Ucayali	Described for Jenaro Herrera, Ucayali.
366	*Brachyhypopomus walteri* Sullivan, Zuanon & Cox Fernandes 2013	14.4	medium	N.E.	MUSM 44678; MUSM 44707	Crampton et al.. 2017		Described for the Negro River basin, Brazil.
	Rhamphichthyidae							
367	*Gymnorhamphichthys rondoni* (Miranda Ribeiro 1920)	12.3	medium	N.E.	ROM 95211, UF 148483, NRM 30655			Described from the Alto Cautário River, Madeira, Brazil.
368	*Hypopygus lepturus* Hoedeman 1962	8.2	small	N.E.	ANSP 165037; MUSM 38687	de Santana & Crampton 2011		Described for Suriname.
369	*Hypopygus ortegai* de Santana & Crampton 2011	9.4	small	LC	MUSM 35305; MUSM 35306		Ucayali	Described for Jenaro Herrera, Ucayali.
370	*Rhamphichthys lineatus* Castelnau, 1855	44.3	large	N.E.	MNHN 0000-3982		Ucayali	Described for the Ucayali River.
371	*Rhamphichthys pantherinus* Castelnau 1855	54.2	large	N.E.	MNHN 0000-3993		Ucayali	Described for the Ucayali River.
372	*Steatogenys elegans* (Steindachner 1880)	24.1	medium	LC	MZUSP 26502			Described for the Negro River basin.
	Sternopygidae							
373	*Eigenmannia humboldtii* (Steindachner 1878)	48.6	large	N.E.	INHS 54794			Described for the Magdalena basin, needs review.
374	*Eigenmannia limbata* (Schreiner & Miranda Ribeiro 1903)	39.8	large	N.E.	ANSP 84141			Described for the Amazon basin, Brazil.
375	*Eigenmannia loretana* Waltz & Albert 2018	13.5	medium	N.E.	MUSM 61210; FMNH 134534		Ucayali	Described from Pacaya, Ucayali.
376	*Eigenmannia macrops* (Boulenger 1897)	20.7	medium	N.E.	UF 126185, MZUSP 26049, MZUSP 26314			Described for Potaro, Orinoco, needs review.
377	*Eigenmannia nigra* Mago-Leccia 1994	39.0	large	N.E.	UF 126132	Waltz & Albert 2018		Described for the Negro River basin, Venezuela.
378	*Eigenmannia virescens* (Valenciennes 1836)	44.0	large	N.E.	MUSM 35761	Carvalho et al. 2011		Unknown type locality, probably Río de la Plata, needs review.
379	*Rhabdolichops electrogrammus* Lundberg & Mago-Leccia 1986	23.9	medium	N.E.	INHS 52732			Described for Orinoco, Venezuela.
380	*Rhabdolichops troscheli* (Kaup 1856)	40.2	large	N.E.	AUM 71026			Described for Guyana, in Peru described as *Rhabdolichops longicaudatus* Eigenmann & Allen 1942, for Iquitos. Needs review.

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381	*Sternopygus macrurus* (Bloch & Schneider 1801)	115.2	giant	N.E.	MNHN 0000-3971		Synonym in Ucayali	Described as *Carapus sanguinolentus* Castelnau 1855 for Ucayali.
	Siluriformes							
	Aspredinidae							
382	*Amaralia hypsiura* (Kner 1855)	13.3	medium	N.E.	MZUSP 26685	Friel & Carvalho 2016		Described from the Branco River, Amazon, Brazil.
383	*Bunocephalus aleuropsis* Cope 1870	9.1	small	N.E.	ANSP 21235; MZUSP 26656, MZUSP 25971		Synonym in Ucayali	Described for Ampiyacu, Pebas, in Ucayali described as *Bunocephalus melas* Cope 1874, currently synonym junior.
384	*Bunocephalus coracoideus* (Cope 1874)	11.0	medium	LC	ANSP 21212-15, MUSM 35556			Described for Nauta, confluence of the Ucayali River and Marañon, it was described as *Bunocephalus bicolor* Steindachner 1882 for the Huallaga basin and as *Bunocephalus haggini* Eigenmann & Allen 1942, for Iquitos, Peru. currently synonym junior.
385	*Bunocephalus verrucosus* (Walbaum 1792)	9.8	small	N.E.	MHNG 2395.58	Cardoso 2010		Unknown type locality.
386	*Pseudobunocephalus amazonicus* (Mees 1989)	4.5	small	N.E.	MHNG 2576087; MHNG 2407088	Cardoso 2008		Described for the Mamoré basin, Madeira.
387	*Pseudobunocephalus bifidus* (Eigenmann 1942)	4.3	small	N.E.	ANSP 174931; MHNG 2576085	Leao et al. 2019		Described for the Huallaga basin, Yurimaguas, Peru.
388	*Pseudobunocephalus quadriradiatus* (Mees 1989)	3.2	small	DD	UF 126260	Leao et al. 2019	Ucayali	Described for the Samiria River, Chinguito, Peru.
389	*Pterobunocephalus depressus* (Haseman 1911)	8.9	small	N.E.	BM 1977.3.10:195-196	Mees 1989		Described for the Machupo River, Madeira, Bolivia.
390	*Xyliphius lepturus* Orcés 1962	13.2	medium	N.E.	MUSM 608; MUSM 41658	Carvalho et al. 2017		Described for the Pastaza basin, Marañón, Peru.
	Astroblepidae							
391	*Astroblepus formosus* Fowler 1945	5.0	small	CR	ANSP 71647		Ucayali	Described for Tarma, Ucayali.
392	*Astroblepus mancoi* Eigenmann 1928.	8.4	small	DD	CAS 64620		Ucayali	Described for the Urubamba basin, Ucayali.
393	*Astroblepus peruanus* (Steindachner 1876)	6.0	small	DD	NMW 16974		Ucayali	Described from the Amable Maria stream, Tulumayo River, Ucayali.
394	*Astroblepus praeliorum* Allen 1942	8.0	small	DD	CAS 7509		Ucayali	Described for the Mantaro basin, Ucayali.
395	*Astroblepus sabalo* (Valenciennes 1840)	8.6	small	DD	MNHN A.4226		Ucayali	Described from Apurimac, Ucayali.
396	*Astroblepus supramollis* Pearson 1937	8.0	small	VU	ANSP 71645			Described for the Marañón basin, Peru.
397	*Astroblepus taczanowskii* (Boulenger 1890)	8.0	small	DD	BMNH 1875.10.14.19		Ucayali	Described from the Amable Maria stream, Tulumayo River, Ucayali.
398	*Astroblepus vanceae* (Eigenmann, 1913)	8.0	small	DD	FMNH 56066		Ucayali	Described from Tarma, Ucayali Basin.
	Auchenipteridae							

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399	*Ageneiosus inermis* (Linnaeus 1766)	56.4	large	N.E.	MZUSP 26411	Hashimoto et al. 2019, Ribeiro et al. 2017		Described from Suriname, needs review.
400	*Ageneiosus intrusus* Ribeiro, Rapp Py-Daniel & Walsh 2017	27.9	medium	N.E.	USNM 167848	Ribeiro et al. 2017		Described from the Solimões River, Brazil.
401	*Ageneiosus ucayalensis* Castelnau 1855	35.2	large	N.E.	MNHN B-0611; MZUSP 26412		Ucayali	Described for the Ucayali River.
402	*Ageneiosus uranophthalmus* Ribeiro & Rapp Py-Daniel 2010	33.5	large	N.E.	ANSP 182311			Described from Itacoatiara, Amazonas, Brazil, collected near the confluence between Ucayali and Marañón.
403	*Auchenipterichthys coracoideus* (Eigenmann & Allen 1942)	10.0	medium	LC	USNM 273580; USNM 273595			Described from Iquitos, Amazon basin, Peru.
404	*Auchenipterichthys longimanus* (Günther, 1864)	18.7	medium	N.E.	UF 161317			Described from Pará, Amazon Basin, Brazil.
405	*Auchenipterichthys thoracatus* (Kner 1858)	13.8	medium	N.E.	MZUSP 26234			Described from Guaporé, Brazil.
406	*Auchenipterus brachyurus* (Cope 1878)	16.5	medium	N.E.	USNM 261420; USNM 261497; USNM 273618			Described from Peruvian Amazon.
407	*Auchenipterus fordicei* Eigenmann & Eigenmann, 1888	9.9	small	N.E.	FMNH 103959			Described from the Solimões River, Brazil.
408	*Auchenipterus nuchalis* (Spix & Agassiz 1829)	27.0	medium	LC	ANSP 95829	Palacios et al. 2008		Described from Pará, Amazon Basin, Brazil.
409	*Centromochlus existimatus* Mees 1974	9.0	small	N.E.	ANSP 108489; USNM 306028		Ucayali	Described from Manaus, Brazil, with paratypes of the Contamana, Ucayali.
410	*Centromochlus heckelii* (De Filippi 1853)	13.9	medium	N.E.	MZUSP 25969; ZMA 119.124			Described from the Napo basin, Peru.
411	*Duringlanis perugiae* (Steindachner 1882)	5.0	small	N.E.	MCP 45749; MUSM 35633; MZUSP 26684	Carvalho et al. 2011		Described from Canelos, Pastaza, Ecuador.
412	*Epapterus dispilurus* Cope 1878	15.4	medium	N.E.	MZUSP 26318,MZUSP 26183,MZUSP 26410; MCP 40991			Described from the Peruvian Amazon.
413	*Liosomadoras morrowi* Fowler, 1940	13.9	medium	LC	ANSP 68646		Ucayali	Described for Contamana, Ucayali.
414	*Tatia creutzbergi* (Boeseman 1953)	4.2	small	N.E.	MCP 37487, MCP 37393			Described from Suriname, needs review.
415	*Tatia punctata* Mees 1974	4.5	small	N.E.	MCP 37485			Described from Suriname, needs review.
416	*Tetranematichthys quadrifilis* (Kner 1858)	16.0	medium	N.E.	MCP 37431			Described from Guaporé, Brazil.
417	*Tetranematichthys wallacei* Vari & Ferraris 2006	20.6	medium	N.E.	ANSP 165030			Described from the Negro River, Brazil.
418	*Trachelyopterus galeatus* (Linnaeus 1766)	31.9	large	N.E.	UF 129731; UF 128925			Described from South America, probably Suriname, needs review.

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419	*Trachelyopterus porosus* (Eigenmann & Eigenmann 1888)	20.3	medium	N.E.	MCP 34488; MCP 34572			Described from Brazil.
420	*Trachycorystes trachycorystes* (Valenciennes 1840)	35.0	large	N.E.	UF 128897, UF 129042, UF 128858			Described from the Amazon basin, Brazil.
421	*Tympanopleura atronasus* (Eigenmann & Eigenmann 1888)	14.9	medium	N.E.	BMNH 1977.3.10.230; FMNH 93488; MZUSP 113998; MZUSP 63636		Synonym in Ucayali	Exact locality unknown, in Peru it was described as *Tympanopleura nigricollis* Eigenmann & Allen 1942, for the Ucayali basin, Orellana.
422	*Tympanopleura cryptica* Walsh, Ribeiro & Rapp Py-Daniel 2015	8.5	small	N.E.	USNM 270812		Ucayali	Described for the Solimões River, with several paratypes for the Ucayali basin.
423	*Tympanopleura longipinna* Walsh, Ribeiro & Rapp Py-Daniel 2015	8.1	small	N.E.	MZUSP 25972	Walsh et al. 2015	Ucayali	Described for the Madeira River, Brazil, with several paratypes for the Ucayali basin.
	Callichthyidae							
424	*Callichthys callichthys* (Linnaeus 1758)	17.0	medium	N.E.	MZUSP 42208, MZUSP 26648			Unknown exact locality, distributed throughout South America, needs review.
425	*Corydoras acutus* Cope 1872	5.5	small	LC	FMNH 84159, ANSP 121622			Described from the Ampiyacu River, Peru.
426	*Corydoras aeneus* (Gill 1858)	7.5	small	N.E.	CAS 36560, NHMUK 1969.7.15.11-13			Described from Trinidad Island, distributed throughout South America, needs review.
427	*Corydoras ambiacus* Cope 1872	4.9	small	N.E.	MZUSP 26016, MZUSP 26053			Described from the Ampiyacu River, Peru.
428	*Corydoras coriatae* Burgess 1997	6.5	small	LC	MUSM 10701		Ucayali	Described from Aguaytia, Ucayali.
429	*Corydoras bethanae* Bentley, Grant & Tencatt 2021	5.7	small		MUSM 69403	Bentley et al. 2021	Ucayali	Described for the Tapiche River, Ucayali.
430	*Corydoras elegans* Steindachner 1876	5.1	small	N.E.	MZUSP 26017			Described from Tefé, Amazon Basin, Brazil.
431	*Corydoras leucomelas* Eigenmann & Allen 1942	4.5	small	LC	CAS 36561; MCP 45748		Ucayali	Described for Yarinacocha Lagoon, Ucayali.
432	*Corydoras multiradiatus* (Orcés, 1960)	6.7	small	LC	NRM 30255			Described from the Napo Basin, Ecuador.
433	*Corydoras panda* Nijssen & Isbrücker, 1971	3.8	small	NT	BMNH 1969.7.15.8; MCP 45746		Ucayali	Described from the Napo Basin, Ecuador
434	*Corydoras pastazensis* Weitzman 1963	6.1	small	LC	NRM 28576, NRM 28578			Described from the Pastaza Basin, Ecuador.
435	*Corydoras pygmaeus* Knaack 1966	2.1	miniature	N.E.	UF 131360, UF 126022, MCP 34498			Described from the Madeira basin, Brazil.
436	*Corydoras reticulatus* Fraser-Brunner 1938	6.1	small	N.E.	MZUSP 28752, MZUSP 26052			Described from Pará, Amazon basin, Brazil.

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437	*Corydoras semiaquilus* Weitzman 1964	6.0	small	N.E.	MCP 35614, MCP 37396, NRM 28582			Described from the Solimões River, Brazil.
438	*Corydoras splendens* (Castelnau 1855)	6.1	small	N.E.	MCP 45750			Described from the Tocantins basin, Brazil, in Peru was described *Chaenothorax bicarinatus* Cope 1878, Brochis coeruleus Cope 1872, *Brochis dipterus* Cope 1872, and *Corydoras semiscutatus* Cope 1872 from the Ampiyacu basin, all currently synonym junior. This species needs review.
439	*Corydoras stenocephalus* Eigenmann & Allen, 1942	6.4	small	LC	CAS 36386; MZUSP 25985		Ucayali	Described for Yarinacocha Lagoon, Ucayali
440	*Corydoras trilineatus* Cope 1872	6.1	small	N.E.	MCP 45745			Described from the Ampiyacu basin, Peru.
441	*Corydoras virginiae* Burgess, 1993	5.1	small	LC	MZUSP 45715		Ucayali	Described for the Ucayali River.
442	*Corydoras weitzmani* Nijssen 1971	4.8	small	LC	FMNH 69934		Ucayali	Described for the Vilcanota River, Urubamba, Ucayali.
443	*Corydoras zygatus* Eigenmann & Allen 1942	5.6	small	LC	NRM 28596			Described from the Huallaga basin, Marañón, Peru.
444	*Dianema longibarbis* Cope 1872	8.2	small	N.E.	MZUSP 26127, MZUSP 26019,MZUSP 26413, MCP 45731			Described from the Ampiyacu basin, Peru.
445	*Hoplosternum littorale* (Hancock 1828)	21.6	medium	N.E.	ANSP 68648; MZUSP 26128		Synonym in Ucayali	Described from Guyana, in Peru it was described in the Ucayali River as *Hoplosternum shirui* Fowler 1940, in the Ampiyacu River as *Callichthys melampterus* Cope 1872, this species needs review.
446	*Lepthoplosternum altamazonicum* Reis, 1997	5.0	small	LC	MHNG 2551.01; MCP 17313		Ucayali	Described for the Ucayali River.
447	*Lepthoplosternum ucamara* Reis & Kaefer 2005	4.6	small	N.E.	MUSM 23000		Ucayali	Described for Pacaya, Ucayali.
448	*Megalechis picta* (Müller & Troschel 1849)	15.5	medium	N.E.	MZUSP 26111; MCP 37397			Described from Guyana.
449	*Megalechis thoracata* (Valenciennes, 1840)	12.4	medium	N.E.	MCP 37395	Vari et al. 2005		Described from Mana River, French Guiana.
	Cetopsidae							
450	*Cetopsis candiru* Spix & Agassiz 1829	26.3	medium	N.E.	CAS SU 36190; MZUSP 35935, MZUSP 26419, MZUSP 35934	Vari et al. 2005		Described from the Amazon basin, Brazil.
451	*Cetopsis coecutiens* (Lichtenstein 1819)	22.4	medium	N.E.	MZUSP 26418			Described from the Amazon basin, Brazil.
452	*Cetopsis oliveirai* (Lundberg & Rapp Py-Daniel 1994)	3.6	small	N.E.	Observación personal			Described from the Solimões River, Brazil.

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453	*Cetopsis parma* Oliviera, Vari, & Ferraris, 2001	17.0	medium	N.E.	MUSM 2266		Ucayali	Described for the Tambo River, Ucayali.
454	*Cetopsis plumbea* (Steindachner 1882)	11.8	medium	N.E.	MUSM 6647; ROM 55821	Vari et al. 2005		Described from Canelos, Pastaza, Ecuador.
455	*Denticetopsis macilenta* (Eigenmann 1912)	6.7	small	N.E.	MCP 37502, MCP 37501, MCP 37441			Described from Potaro, Guyana, needs review.
456	*Denticetopsis seducta* Vari, Ferraris & de Pinna 2005	5.1	small	N.E.	NRM 18387		Ucayali	Described from Iquitos, with paratypes in the Ucayali basin.
457	*Helogenes marmoratus* Günther, 1863	7.9	small	N.E.	ROM 95174, ROM 95142, MCP 37407, MCP 35608			Described from Guyana, it was described as *Helogenes unidorsalis* Glodek & Carter 1978, for the Pastaza basin, Ecuador, needs review.
	Doradidae							
458	*Acanthodoras spinosissimus* (Eigenmann & Eigenmann 1888)	13.7	medium	N.E.	UF 33069			Described for the Solimões River, Brazil.
459	*Agamyxis pectinifrons* (Cope 1870)	15.0	medium	N.E.	USNM 284555; UF 128931			Described for the Ampiyacu basin, Peru, it was described for near Iquitos as *Doras flavopictus* Steindachner 1908.
460	*Amblydoras affinis* (Kner 1855)	10.0	medium	N.E.	MZUSP 84398; ANSP 73178			Described for the Guaporé River, Brazil.
461	*Amblydoras monitor* (Cope 1872)	9.0	small	LC	MCP 37476			Described for Ampiyacu, Pebas, Peru.
462	*Amblydoras nauticus* (Cope 1874)	7.5	small	LC	ANSP 21390-95		Ucayali	Described from Nauta, confluence between Ucayali and Marañón.
463	*Anadoras grypus* (Cope 1872)	11.4	medium	LC	MZUSP 26315; MCP 34565			Described for Ampiyacu, Pebas, Peru.
464	*Centrodoras brachiatus* (Cope 1872)	33.6	large	N.E.	ANSP 84571			Described from the Amazon basin, between Negro and Huallaga.
465	*Hassar orestis* (Steindachner 1875)	24.4	medium	N.E.	ANSP 68647		Synonym in Ucayali	Described from the Içа River, Brazil, in Peru was described as *Hassar ucayalensis* Fowler 1940 in the Ucayali basin
466	*Hemidoras stenopeltis* (Kner 1855)	19.4	medium	N.E.	USNM 284589, UF 126195, MZUSP 25964, MCP 34514, NHMUK 1971.4.14.5			Described from the Negro River basin, Brazil.
467	*Leptodoras acipenserinus* (Günther 1868)	20.3	medium	N.E.	MZUSP 26385; USNM 261478	Sabaj 2005		Described from Jeberos, Marañón basin, Peru.
468	*Leptodoras cataniai* Sabaj Pérez 2005	19.4	medium	N.E.	ANSP 73173	Sabaj 2005		Described for the Casiquiare River, Venezuela.
469	*Lithodoras dorsalis* (Valenciennes 1840)	82.0	large	N.E.	MCZ 7214			Described for French Guiana, needs review.
470	*Megalodoras uranoscopus* (Eigenmann & Eigenmann 1888	60.0	large	N.E.	Se observo muelle Pucallpa			Described for Hyanuary Lagoon, Amazonas, Brazil. In Peru it was observed at the Pucallpa pier.

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471	*Nemadoras hemipeltis* (Eigenmann 1925)	16.3	medium	N.E.	CAS 60236; ANSP 119917		Ucayali	Described for Contamana, Ucayali.
472	*Nemadoras humeralis* (Kner 1855)	16.3	medium	N.E.	ANSP 119879; CAS 60715; MUSM 5122	Sabaj 2014		Described from the Negro River, Manaus, Brazil.
473	*Opsodoras stuebelii* (Steindachner 1882)	11.0	medium	N.E.	MZUSP 26316		Synonym in Ucayali	Described from the Huallaga River, in Ucayali was described as *Opsodoras orthacanthus* Eigenmann 1925.
474	*Ossancora asterophysa* Birindelli & Sabaj Pérez 2011	13.8	medium	N.E.	MUSM 2071; MUSM 15499	Birindelli & Sabaj 2011		Described from the Uracará River, Amazon, Brazil.
475	*Ossancora punctata* (Kner 1855)	11.0	medium	N.E.	MUSM 7459; MUSM 2080; MZUSP 26265	Birindelli & Sabaj 2011		Described from the Guaporé River, Brazil.
476	*Oxydoras niger* (Valenciennes 1821)	100.0	giant	N.E.	ANSP 21203		Synonym in Ucayali	Specific locality unknown, it was described as *Rhinodoras prianomus* Cope 1874 in the Ucayali River.
477	*Platydoras armatulus* (Valenciennes 1840)	43.0	large	N.E.	ANSP 120336; MUSM 584	Piorski et al. 2008		Described of the Paraná River, needs review.
478	*Platydoras costatus* (Linnaeus 1758)	24.0	medium	N.E.	USNM 284634, ROM 69299, ROM 55616, CAS 52131, MZUSP 26266			Locality type unknown, needs review.
479	*Pterodoras granulosus* (Valenciennes 1821)	57.4	large	N.E.	USNM 284600; UF 162246			South America, an unknown exact location, collected in Uruguay and Argentina, needs review.
480	*Rhynchodoras woodsi* Glodek 1976	10.5	medium	N.E.	UF 131106	Birindelli et al. 2007		Described for the Bobonaza River, Pastaza, Ecuador
481	*Tenellus cristinae* (Sabaj Pérez, Arce H., Sousa & Birindelli 2014)	12.4	medium	N.E.	MUSM 1186	Sabaj 2014		Described for the Madeira River, Rondônia, Brazil.
482	*Tenellus ternetzi* (Eigenmann 1925)	12.9	medium	N.E.	ANSP 149666			Described from the Tapajos River, Brazil, in Peru was collected near the confluence between Ucayali and Marañón.
483	Tenellus trimaculatus (Boulenger 1898)	11.4	medium	N.E.	MUSM 5110; MUSM 5150	Sabaj 2014		Described from the Jurua River, Brazil.
484	*Trachydoras nattereri* (Steindachner 1881)	10.3	medium	N.E.	ANSP 73172; MUSM 875	Sabaj & Arce 2017		Described from the Nanay River basin, Peru.
485	*Trachydoras steindachneri* (Perugia 1897)	8.6	small	N.E.	MUSM 5153; MUSM 599	Sabaj & Arce 2017		Described from the Beni River, Bolivia, in Peru it was described as *Trachydoras atripes* Eigenmann 1925, for the Itaya River.
	Heptapteridae							
486	*Brachyrhamdia marthae* Sands & Black 1985	7.6	small	N.E.	UF 128932; UF 128977	Slobodian & Bockmann, 2013		Described from aquarium material, probably Peru.

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487	*Cetopsorhamdia filamentosa* Fowler 1945	2.4	miniature	DD	ANSP 71637		Ucayali	Described from San Ramon, Chanchamayo River, Peru
488	*Cetopsorhamdia hidalgoi* Faustino-Fuster & Souza 2021	3.3	small	N.E.	MUSM 69550		Ucayali	Described from the Tapiche River, Ucayali basin
489	*Chasmocranus quadrizonatus* Pearson 1937	5.2	small	DD	ANSP 180482, ANSP 180481			Described from the Marañón basin, Peru.
490	*Imparfinis cochabambae* (Fowler 1940)	6.0	small	NT	ANSP 180641	Lundberg 2005		Described from Cochabamba, Bolivia.
491	*Imparfinis pseudonemacheir* Mees & Cala, 1989	4.0	small	N.E.	ZFMK without number	Mees 1989	Ucayali	Described from the Tucuragua River, Venezuela, with paratypes coming from the Ucayali River. Needs review.
492	*Imparfinis stictonotus* (Fowler, 1940)	4.8	small	N.E.	MUSM 35568			Described from the Chapare River, Bolivia.
493	*Myoglanis koepckei* Chang 1999	5.9	small	N.E.	MCP 35613; MCP 35208			Described from the Nanay River, Peru.
494	*Nemuroglanis lanceolatus* Eigenmann & Eigenmann 1889	3.8	small	N.E.	MHNG 2157.22	Bockmann & Ferraris 2005		Described from the Jutahy River, Amazon, Brazil.
495	*Pariolius armillatus* Cope 1872	3.2	small	N.E.	MZUSP 26346, MCP 35607, NRM 15979			Described from the Ampiyacu basin, Peru.
496	*Phenacorhamdia nigrolineata* Zarske, 1998	3.8	small	DD	MTD F 20728		Ucayali	Described from Tournavista, Ucayali.
497	*Pimelodella boliviana* Eigenmann 1917	9.0	small	N.E.	CAS 54934			Described from Santa Cruz de la Sierra, Bolivia, needs review.
498	*Pimelodella buckleyi* (Boulenger 1887)	13.1	medium	DD	CAS 75783, USNM 86765			Described from Canelos, Pastaza, Ecuador, in Peru it was described as *Pimelodella copei* Fowler 1915, for the Ampiyacu basin.
499	*Pimelodella cristata* (Müller & Troschel 1849)	34.0	large	LC	NHMUK 1977.3.10.226			Described for Guyana, needs review.
500	*Pimelodella gracilis* (Valenciennes 1835)	18.0	medium	N.E.	RON 55791; RON 55794			Described for Paraná, Argentina, needs review.
501	*Pimelodella hartwelli* Fowler 1940	10.3	medium	DD	ANSP 68644		Ucayali	Described from Contamana, Ucayali.
502	*Pimelodella lateristriga* (Lichtenstein 1823)	15.1	medium	N.E.	NHMUK 1881.5.13.98-101			Described for Brazil, locality unknown, needs review.
503	*Pimelodella peruana* Eigenmann & Myers 1942	4.3	small	DD	CAS 63721		Ucayali	Described for the Ucayali basin.
504	*Pimelodella roccae* Eigenmann 1917	14.9	medium	DD	MCZ 30975		Ucayali	Described for Bajo Urubamba, Ucayali.
505	*Pimelodella serrata* Eigenmann 1917	9.0	small	N.E.	FMNH 111565	Quezada et al. 2017		Described from San Joaquin, Bolivia, needs review.
506	*Rhamdella montana* Eigenmann 1913	3.7	small	CR	FMNH 56067		Ucayali	Described from Queta, Tarma, Ucayali Basin.

N	Order/Family/Current status	LS max (cm)	body	IUCN	Voucher	Reference	Type locality	Remark
507	*Rhamdia duquei* Eigenmann & Pearson 1942	40.6	large	N.E.	BMNH 1913.7.30.13		Ucayali	Described from the Urubamba basin, currently junior synonym of *Rhamdia quelen* (Quoy & Gaimard 1824) which was described for Rio de Janeiro, Brazil. Needs review.
508	*Rhamdia mounseyi* Regan 1913	40.6	large	N.E.	CAS-SU 57895		Ucayali	Described for the Ucayali River, currently as junior synonym of *Rhamdia quelen* (Quoy & Gaimard 1824) which was described for Rio de Janeiro, Brazil. Needs review
509	*Rhamdia pentlandii* (Valenciennes 1840)	40.6	large	N.E.	BMNH 1862.11.15.11		Ucayali	Described for the Apurimac basin, currently as the junior synonym of *Rhamdia quelen* (Quoy & Gaimard 1824) which was described for Rio de Janeiro, Brazil. Needs review
	Loricariidae							
510	*Ancistrus bufonius* (Valenciennes 1840)	11.5	medium	LC	MNHN 0000-2228, MNHN 0000-2227		Ucayali	Described for the Apurimac basin, also described as *Hypostomus calamita* Valenciennes 1840 for the same locality.
511	*Ancistrus cirrhosus* (Valenciennes 1836)	8.9	small	N.E.	ROM 55778; RON 55779	Quezada et al. 2017		Locality type unknown, needs review.
512	*Ancistrus hoplogenys* (Günther 1864)	15.8	medium	N.E.	LACM 37764-1			Described from Pará, Amazon basin, Brazil.
513	*Ancistrus jelskii* (Steindachner 1876)	6.6	small	DD	NMW (varios)		Ucayali	Described for Amable Maria, Tulumayo River, Ucayali.
514	*Ancistrus occloi* Eigenmann 1928	11.6	medium	LC	CAS 66847		Ucayali	Described for the Urubamba basin, Ucayali
515	*Ancistrus tamboensis* Fowler 1945	8.2	small	LC	ANSP 71643		Ucayali	Described for the Tambo River, Ucayali
516	*Ancistrus temminckii* (Valenciennes 1840)	9.8	small	N.E.	CAS 15372	Quezada et al. 2017		Describe from Suriname.
517	*Aphanotorulus emarginatus* (Valenciennes 1840)	12.3	medium	N.E.	MUSM 35721	Carvalho et al. 2011		Locality type unknown, needs review.
518	*Aphanotorulus horridus* (Kner 1854)	35.5	large	N.E.	MZUSP 26754; MZUSP 26788; MZUSP 26789	Ray et al. 2016		Described for the Guaporé River, Madeira, Brazil.
519	*Aphanotorulus phrixosoma* (Fowler 1940)	10.1	medium	N.E.	ANSP 68650		Ucayali	Described for Contamana, Ucayali.
520	*Aphanotorulus unicolor* (Steindachner 1908)	13.9	medium	N.E.	ZMA 116640; MUSM 35718	Carvalho et al. 2011	Synonym in Ucayali	Described for the Purús River, in Peru it was described as *Aphanotorulus frankei* Isbrücker & Nijssen 1983 in Ucayali.
521	Farlowella myriodon (Isbrücker, Britski, Nijssen & Ortega 1983)	20.0	medium	CR	ZMA 116640; MUSM 35718	Londoño-Burbano & Reis 2021	Ucayali	Described for the Aguaytia basin, Ucayali.
522	*Brochiloricaria macrodon* (Kner 1853)	26.8	medium	N.E.	ROM 55685, ROM 55687, ROM 55684			Described from Cuiabá, Brazil, needs review.
523	*Chaetostoma dermorhynchus* Boulenger 1887	20.5	medium	DD	LACM 37443-1			Described from Canelos, Pastaza, Ecuador.

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524	*Chaetostoma lineopunctatum* Eigenmann & Allen 1942	14.3	medium	LC	MHNG 2613.04; CAS 64650; MUSM 35736; ROM 55772	Carvalho et al. 2011	Ucayali	Described for the Pachitea basin, Ucayali.
525	*Chaetostoma loborhynchos* Tschudi, 1846	14.2	medium	EN	NMW 47190; MUSM 20289		Ucayali	Described for the Tulumayo River, Ucayali.
526	*Farlowella amazonum* (Günther 1864)	22.5	medium	N.E.	MHNG 2389.57; MHNG 2409.23	Covain et al.. 2015	Synonym in Ucayali	Described from Pará, Brazil, in Peru was described for the Ucayali basin as *Farlowella platoryncha* Retzer & Page, 1997.
527	*Farlowella knerii* (Steindachner 1882)	16.2	medium	LC	MUSM 35530	Carvalho et al. 2011		Described for Canelos, Pastaza, Ecuador.
528	*Farlowella nattereri* Steindachner 1910	26.5	medium	N.E.	MUSM 35396; MZUSP 15353	Carvalho et al. 2011		Described for the Middle Amazon, Brazil.
529	*Farlowella oxyrryncha* (Kner 1853)	23.0	medium	N.E.	BMNH 1874.8.4.106; MZUSP 15360			Described for the Mamoré River, Madeira, Bolivia.
530	*Farlowella smithi* Fowler 1913	10.0	medium	N.E.	MUSM 35872			Described for the Madeira basin, Brazil.
531	*Hemiodontichthys acipenserinus* (Kner 1853)	13.4	medium	N.E.	MUSM 35737			Described for Guaporé, Brazil.
532	*Hypoptopoma bianale* Aquino & Schaefer 2010	4.4	small	N.E.	MZUSP 36208; MHNG 2390.25	Aquino & Schaefer 2010		Described from Leticia, border Peru and Colombia.
533	*Hypoptopoma gulare* Cope 1878	10.5	medium	N.E.	CAS 77138; CAS 77139; MZUSP 36208	Aquino & Schaefer 2010		Described from the Marañón River basin, Peru.
534	*Hypoptopoma incognitum* Aquino & Schaefer 2010	10.8	medium	N.E.	MHNG 2407.97	Aquino & Schaefer 2010		Described from the Itenez River, Beni, Bolivia.
535	*Hypoptopoma steindachneri* Boulenger 1895	10.0	medium	N.E.	Delapieve et al. 2018	Delapieve et al.. 2018		Described from the Negro River basin, Brazil.
536	*Hypoptopoma thoracatum* Günther 1868	6.6	small	N.E.	AMNH 78099; CAS 59599; MHNG 2407.98	Aquino & Schaefer 2010		Described from Jeberos, Marañón basin, it was described as *Hypoptopoma bilobatum* Cope 1870 for the Ampiyacu River.
537	*Hypostomus carinatus* (Steindachner 1881)	24.8	medium	N.E.	ROM 55712, UF 129858, UF 161836			Described for Jatuarana, Amazonas, Brazil.
538	*Hypostomus fonchii* Weber & Montoya-Burgos 2002	15.4	medium	LC	MHNG 2613.66		Ucayali	Described from the Pauya River, Ucayali basin.
539	*Hypostomus oculeus* (Fowler 1943)	21.7	medium	DD	NRM 30650			Described for the Orteguasa River, Caquetá, Colombia.
540	*Hypostomus plecostomus* (Linnaeus 1758)	50.0	large	N.E.	FMNH 111520, ROM 55711, FMNH 111519, MCP 34497			Described for Suriname, needs review
541	*Hypostomus pyrineusi* (Miranda Ribeiro 1920)	21.3	medium	N.E.	MUSM 35528	Carvalho et al. 2011		Described for the Madeira River, Brazil.

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542	*Lamontichthys filamentosus* (LaMonte 1935)	16.7	medium	N.E.	CAS 28542	Isbrücker & Nijssen,1978; de Carvalho Paixão & Toledo-Piza 2009		Described for the Jurua River, Brazil.
543	*Lamontichthys stibaros* Isbrücker & Nijssen 1978	24.2	medium	LC	ROM 47093; FMNH 84137	de Carvalho Paixão & Toledo-Piza 2009		Described for the Bobonaza River, Pastaza, Ecuador.
544	*Lasiancistrus schomburgkii* (Günther 1864)	14.4	medium	LC	MNHN A-9573; MUSM 35643	Armbruster 2005; Carvalho et al. 2011	Synonym in Ucayali	Described for Guyana, in Peru it was described for the Ucayali basin as *Hypostomus pictus* Castelnau 1855 and *Hemiancistrus castelnaui* Miranda Ribeiro 1911, needs review
545	*Limatulichthys griseus* (Eigenmann 1909)	19.4	medium	N.E.	ROM 55678; ROM 55679	Londoño-Burbano et al.. 2014		Described from Guyana.
546	*Limatulichthys petleyi* (Fowler 1940)	19.4	medium	N.E.	ANSP 68661		Ucayali	Described for Contamana, Ucayali.
547	*Loricaria cataphracta* Linnaeus 1758	29.5	medium	N.E.	ROM 55692; RON 55691; MCZ 8124	Quezada et al. 2017		Described from Suriname, needs review.
548	*Loricaria clavipinna* Fowler 1940	18.0	medium	N.E.	ANSP 68665		Ucayali	Described for Contamana, Ucayali.
549	*Loricaria simillima* Regan 1904	26.4	medium	N.E.	ROM 55695; ROM 55696; NRM 28570	Thomas & Sabaj Pérez 2010		Described from Canelos, Pastaza, Ecuador.
550	*Loricariichthys acutus* (Valenciennes 1840)	25.1	medium	N.E.	UF 162422, MZUSP 26742, MCP 43852			Described from Tapajos, Brazil.
551	*Loricariichthys cashibo* (Eigenmann & Allen 1942)	25.1	medium	DD	IU 15416		Ucayali	Described from Cashiboya, Ucayali River.
552	*Loricariichthys chanjoo* (Fowler 1940)	25.1	medium	DD	ANSP 68656		Ucayali	Described for Contamana, Ucayali.
553	*Loricariichthys hauxwelli* Fowler 1915	25.1	medium	LC	FMNH 111532			Described from the Ampiyacu River, Peru.
554	*Loricariichthys maculatus* (Bloch 1794)	25.1	medium	N.E.	CAS 13241, UF 161837, NHMUK 1969.7.15.20, UMMZ 216896, USNM 86832			Described from Suriname, needs review.
555	*Loricariichthys nudirostris* (Kner 1853)	25.1	medium	N.E.	UF 148072, UF 162295, UF 162121			Described from the Negro River, Manaus, Brazil.
556	*Loricariichthys stuebelii* (Steindachner 1882)	19.0	medium	N.E.	ANSP 119870; MUSM 1374			Described from the Huallaga River, Peru.
557	*Loricariichthys ucayalensis* Regan 1913	18.0	medium	LC	BMNH 1913.7.30.36		Ucayali	Described from the Ucayali River, Peru.

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558	*Nannoptopoma spectabile* (Eigenmann 1914)	2.9	small	N.E.	MCP 41467	Delapieve et al.. 2018		Described for the Meta River, Orinoco, Colombia.
559	*Otocinclus batmani* Lehmann A. 2006	3.7	small	N.E.	MCP 34087			Described from the Japurá River, Amazonas, Brazil.
560	*Otocinclus cocama* Reis 2004	4.4	small	EN	MUSM 20686, MCP 34842		Ucayali	Described by Jenaro Herrera, Ucayali.
561	*Otocinclus hoppei* Miranda Ribeiro 1939	3.3	small	N.E.	CMK 5698	Schaefer 1997		Described from Belem, Pará, Brazil.
562	*Otocinclus huaorani* Schaefer 1997	3.2	small	LC	MUSM 2027; MHNG 240792			Described from the Napo Basin, Ecuador.
563	*Oxyropsis carinata* (Steindachner 1879)	7.6	small	N.E.	NHMUK 1913.7.30.24			Described from Peru, border with Brazil and Colombia.
564	*Oxyropsis wrightiana* Eigenmann & Eigenmann 1889	5.6	small	LC	FMNH 111482, UF 126342, MCP 26174, NRM 47512			Described from Lake Hyanuary, Amazonas, Brazil.
565	*Panaqolus albivermis* Lujan, Steele & Velasquez 2013	9.6	small	EN	MUSM 35879		Ucayali	Described from the San Alejandro River, Aguaytia, Ucayali.
566	*Panaqolus albomaculatus* (Kanazawa 1958)	12.4	medium	LC	FMNH 84135; MUSM 35400	Carvalho et al. 2011, Schaefer & Stewart 1993		Described from the Napo River, Ecuador.
567	*Panaqolus changae* (Chockley & Armbruster 2002)	8.5	small	LC	MUSM 35401			Described from the Itaya River, Peru.
568	*Panaqolus gnomus* (Schaefer & Stewart 1993)	7.1	small	LC	Quezada et al 2017	Quezada et al. 2017		Described from the Morona River, Marañón, Peru.
569	*Panaqolus maccus* (Schaefer & Stewart 1993)	8.8	small	N.E.	ANSP 174485, ANSP 174486			Described orinoco River, needs review.
570	*Panaqolus purusiensis* (LaMonte 1935)	13.0	medium	N.E.	MPEG 027529			Described from the Purús River. Brazil
571	*Panaque schaeferi* Lujan, Hidalgo & Stewart 2010	27.7	medium	N.E.	MUSM 27500		Ucayali	Described from Aguaytia, Ucayali
572	*Parancistrus aurantiacus* (Castelnau 1855)	19.3	medium	N.E.	MNHN 0000-9452; MNHN A-9572		Ucayali	Described in the Ucayali basin as *Hypostomus vicinus* Castelnau 1855.
573	*Peckoltia brevis* (LaMonte 1935)	11.4	medium	N.E.	FMNH 111511	Quezada et al. 2017		Described from the Purús River. Brazil.
574	*Peckoltia furcata* (Fowler 1940)	9.2	small	LC	ANSP 68655		Ucayali	Described for Contamana, Ucayali.
575	*Peckoltichthys bachi* (Boulenger 1898)	11.5	medium	N.E.	ANSP 68651		Synonym in Ucayali	Described for the Jurua River, Brazil, in Peru it was described for the Ucayali basin as *Hemiancistrus ucayalensis* Fowler 1940, and as *Hemiancistrus arenarius* Eigenmann & Allen 1942, for the Marañón basin, Yurimaguas.
576	*Planiloricaria cryptodon* (Isbrücker 1971)	21.5	medium	N.E.	ZFMK 1865		Ucayali	Described from the Ucayali River, Peru.
577	*Pseudohemiodon apithanos* Isbrücker & Nijssen 1978	14.5	medium	LC	ROM 55689			Described for the Napo River basin, Ecuador.

N	Order/Family/Current status	LS max (cm)	body	IUCN	Voucher	Reference	Type locality	Remark
578	*Pseudorinelepis genibarbis* (Valenciennes 1840)	35.6	large	N.E.	ANSP 68654; MHNG 2588.079		Synonym in Ucayali	Unknown type locality in Peru was described for the Ucayali basin as *Monistiancistrus carachama* Fowler 1940, needs review.
579	*Pterosturisoma microps* (Eigenmann & Allen 1942)	16.1	medium	N.E.	MZUSP 26787			Described for the Peruvian Amazon basin, Iquitos.
580	*Pterygoplichthys gibbiceps* (Kner 1854)	41.0	large	N.E.	ANSP 86716, MZUSP 26741, NHMUK 1881.5.13.82-84			Described for the Negro River basin, Peru.
581	*Pterygoplichthys multiradiatus* (Hancock 1828)	41.0	large	N.E.	FMNH 70356, FMNH 70360, ANSP 120351			Described for Orinoco, Venezuela, needs review.
582	*Pterygoplichthys pardalis* (Castelnau 1855)	40.2	large	N.E.	ANSP 8241			Described for Amazonia, Brazil, in Peru it was described as *Pterygoplichthys jeanesianus* (Cope 1874) for the Marañón basin and as *Liposarcus varius* Cope 1872 for the Ampiyacu basin.
583	*Pterygoplichthys punctatus* (Kner 1854)	28.5	medium	N.E.	USNM 284884, NRM 26393, NRM 26394	Quezada et al. 2017		Described for the Guaporé River, Madeira, Brazil.
584	*Pterygoplichthys scrophus* (Cope 1874)	27.5	medium	LC	USNM 132587		Ucayali	Described for Nauta, confluence between Ucayali River and Marañón
585	*Pterygoplichthys weberi* Armbruster & Page 2006	19.7	medium	N.E.	Armbruster & Page 2006			Described for the Caqueta basin, Colombia, it was observed at the confluence of the Ucayali and Marañón rivers.
586	*Rhadinoloricaria rhami* (Isbrücker & Nijssen 1983)	12.7	medium	LC	ZMA 116391		Ucayali	Described from the Aguaytia River, Ucayali
587	*Rineloricaria konopickyi* (Steindachner 1879)	9.6	small	N.E.	NHMUK 1913.7.30.27-34			Described for the Amazon basin.
588	*Rineloricaria lanceolata* (Günther 1868)	10.1	medium	N.E.	MUSM 35766; MHNG 2613.029	Carvalho et al. 2011		Described for Jeberos, Marañón basin, Peru, presents a junior synonym for the Paraguay basin, *Loricaria hoehnei* Miranda Ribeiro 1912, needs review.
589	*Rineloricaria morrowi* Fowler 1940	13.4	medium	LC	ANSP 68663		Ucayali	Described for Contamana, Ucayali.
590	*Rineloricaria phoxocephala* (Eigenmann & Eigenmann 1889)	15.0	medium	N.E.	NRM 27792			Described for the Coary River, Amazonia, Brazil.
591	*Rineloricaria wolfei* Fowler 1940	13.4	medium	LC	ANSP 68660		Ucayali	Described for Contamana, Ucayali.
592	*Spatuloricaria evansii* (Boulenger 1892)	28.2	medium	LC	ANSP 180486			Described for Jangada, Cuiabá, Brazil, needs review.
593	*Spatuloricaria puganensis* (Pearson 1937)	64.7	large	LC	ANSP 180486; ANSP 180789			Described for the Marañón basin, Peru.
594	*Sturisoma lyra* (Regan 1904)	20.5	medium	N.E.	ROM 55682, ROM 55683			Described for the Jurua River, Brazil.

N	Order/Family/Current status	LS max (cm)	body	IUCN	Voucher	Reference	Type locality	Remark
595	*Sturisoma nigrirostrum* Fowler 1940	21.6	medium	LC	ANSP 68666; MUSM 35509		Ucayali	Described for Contamana, Ucayali.
	Pimelodidae							
596	*Brachyplatystoma capapretum* Lundberg & Akama 2005	58.1	large	N.E.	IIAP-CIIAP-00894-1	Garcia et al. 2018		Described for Tefé, Amazon basin, Brazil.
597	*Brachyplatystoma filamentosum* (Lichtenstein 1819)	267.4	giant	N.E.	IIAP-CIIAP-01070-1	Garcia et al. 2018		Specific locality unknown.
598	*Brachyplatystoma juruense* (Boulenger 1898)	49.2	large	N.E.	IIAP-CIIAP-00896-3	Garcia et al. 2018		Described for the Jurua River, Brazil.
599	*Brachyplatystoma platynemum* Boulenger 1898	100.0	giant	N.E.	IIAP-CIIAP-00897-1	Garcia et al. 2018		Described from Pará, Amazon basin, Brazil.
600	*Brachyplatystoma rousseauxi* (Castelnau 1855)	157.4	giant	LC	IIAP-CIIAP-00899-1	Garcia et al. 2018		Described from the Amazon basin, Brazil.
601	*Brachyplatystoma vaillantii* (Valenciennes 1840)	123.0	giant	N.E.	IIAP-CIIAP-00900-1	Garcia et al. 2018		Described from Suriname.
602	*Calophysus macropterus* (Lichtenstein 1819)	32.8	large	N.E.	MUSM 35585	Carvalho et al. 2011		Unknown specific locality, Brazil.
603	*Cheirocerus eques* Eigenmann 1917	17.6	medium	N.E.	MCP 34507; MCP 34520			Described from the Beni River, Bolivia
604	*Cheirocerus goeldii* (Steindachner 1908)	15.2	medium	N.E.	CAS 47288		Synonym in Ucayali	Described from the Purús River, Brazil, in Peru was described for the Ucayali basin as *Pimelodus leptus* Eigenmann & Pearson 1942.
605	*Duopalatinus peruanus* Eigenmann & Allen 1942	15.0	medium	N.E.	CAS 63630		Ucayali	Described from Pacaya, Ucayali.
606	*Exallodontus aguanai* Lundberg, Mago-Leccia & Nass 1991	20.0	medium	N.E.	UF 125976, UF 126303		Ucayali	Described from Pacaya, Ucayali.
607	*Hemisorubim platyrhynchos* (Valenciennes 1840)	50.0	large	N.E.	ANSP 103413; MZUSP 26414			Unknown type locality.
608	*Hypophthalmus edentatus* Spix & Agassiz 1829	47.2	large	N.E.	USNM 132589		Synonym in Ucayali	Described for the Amazon basin, Brazil, in Peru, it was described for the Ucayali basin as *Hypophthalmus perporosus* Cope 1878.
609	*Hypophthalmus celiae* Littman, Lundberg & Rocha 2021	32.0	large	N.E.	ANSP 88276		Ucayali	Described for the Purús basin, with paratypes from the Ucayali basin.
610	*Hypophthalmus fimbriatus* Kner 1858	35.5	large	N.E.	Observación personal			Described from the Negro River basin, observed at the confluences of the Ucayali and Marañón.
611	*Hypophthalmus oremaculatus* Nani & Fuster de Plaza 1947	38.7	large	N.E.	USNM 284887; MZUSP 14942	Litmann et al. 2015		Described from the Paraná basin, Argentina.
612	Hypophthalmus donascimientoi Littman, Lundberg & Rocha 2021	46.6	large	N.E.	Observación personal	Litmann et al. 2015		Described from the Purús basin, with paratypes in the Solimões River, it was collected at the confluence of the Ucayali and Marañón Rivers.
613	*Leiarius marmoratus* (Gill 1870)	82.0	large	N.E.	MZUSP 26123			Described for the Marañón or Napo basin, Peru.

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614	*Megalonema amaxanthum* Lundberg & Dahdul 2008	10.6	medium	N.E.	Observación personal			Described from the Tahuamanu River, it was collected at the confluence of the Marañón River and Ucayali.
615	*Megalonema platycephalum* Eigenmann 1912	24.6	medium	N.E.	MUSM 35410	Carvalho et al. 2011		Described from Guyana, needs review.
616	*Phractocephalus hemioliopterus* (Bloch & Schneider 1801)	115.0	giant	N.E.	MCP 34526; MCP 34527	Garcia et al. 2018		Described from Maranhao, Brazil.
617	*Pimelodina flavipinnis* Steindachner 1876	39.0	large	N.E.	ANSP 119860	Stewart 1986		Described from Pará, Amazon basin, Brazil.
618	*Pimelodus altissimus* Eigenmann & Pearson 1942	23.8	medium	N.E.	CAS 55369		Ucayali	Described from Orellana, Ucayali.
619	*Pimelodus blochi*i Valenciennes 1840	28.7	medium	N.E.	MUSM 35442; MCP 34506	Carvalho et al. 2011		Described from Suriname, in Peru it was described as *Pseudorhamdia piscatrix* Cope 1870 for the Ampiyacu basin, Pebas.
620	*Pimelodus ornatus* Kner 1858	38.5	large	N.E.	MZUSP 26489			Described from the Suriname Basin.
621	*Pimelodus pictus* Steindachner 1876	9.0	small	N.E.	MZUSP 25976	Carvalho et al. 2011		Described for the Yavarí River, border between Brazil and Peru.
622	*Pimelodus tetramerus* Ribeiro & Lucena 2006	17.2	medium	N.E.	Quezada et al 2017	Quezada et al. 2017		Described from the Tocantins River, Brazil.
623	*Pinirampus pirinampu* (Spix & Agassiz 1829)	97.1	large	N.E.	ANSP 120346			Locality type unknown, needs review.
624	*Platysilurus mucosus* (Vaillant 1880)	20.0	medium	N.E.	ANSP 106772, UF 126263, MZUSP 26184, MCP 34522, INHS 52720			Described for the Amazon Basin, Brazil.
625	*Platystomatichthys sturio* (Kner 1858)	32.8	large	N.E.	ANSP 68645, MZUSP 24754, MZUSP 26416			Described for the Branco River, Brazil.
626	*Propimelodus caesius* Parisi, Lundberg & DoNascimiento 2006	17.0	medium	N.E.	MCZ 8189			Described for the Trombetas River, Brazil.
627	*Pseudoplatystoma punctifer* (Castelnau 1855)	85.5	large	N.E.	CAS 78407; CAS 18372	Buitrago-Suárez & Burr 2007		Described for the Amazon basin, Brazil.
628	*Pseudoplatystoma tigrinum* (Valenciennes 1840)	108.6	giant	N.E.	CAS 18290; SIUC 26892	Buitrago-Suárez & Burr 2007		Specific locality unknown. Amazonas, Brazil.
629	*Sorubim elongatus* Littmann, Burr, Schmidt & Isern 2001	32.2	large	N.E.	CAS 76754; ANSP 86719	Littmann 2007		Described for the Itaya River, Peru.
630	*Sorubim lima* (Bloch & Schneider 1801)	48.2	large	N.E.	ANSP 162321; BMNH 1913.7.30.23; CAS 76753	Littmann 2007		Described for Rio Maranhao, Brazil, needs review.
631	*Sorubim maniradii* Littmann, Burr & Buitrago-Suarez 2001	25.6	medium	N.E.	CAS 76748; CAS 213567	Littmann 2007		Described for the Napo River basin, Ecuador.

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632	*Sorubimichthys planiceps* (Spix & Agassiz 1829)	150.0	giant	N.E.	MCP 34519; MZUSP 26417			Described for the Solimoes and Negro River, Brazil.
633	*Zungaro zungaro* (Humboldt 1821)	140.0	giant	N.E.	IIAP-CIIAP-00918-1	Garcia et al. 2018		Described for the Marañón basin, Peru.
	Pseudopimelodidae							
634	*Batrochoglanis raninus* (Valenciennes 1840)	20.0	medium	N.E.	MUSM 35778	Carvalho et al. 2011		Described for the La Mana River, near Rio de Janeiro, needs review.
635	*Microglanis zonatus* Eigenmann & Allen 1942	2.0	miniature	LC	NRM 15984, NRM 15989			Described for the La Mana River, near Rio de Janeiro, needs review.
	Trichomycteridae							
636	*Acanthopoma annectens* Lütken 1892	12.0	medium	N.E.	MUSM 35722	Carvalho et al. 2011		Described from the Huallaga River, Peru.
637	*Apomatoceros alleni* Eigenmann 1922	14.6	medium	N.E.	MZUSP 26191	Datovo et al. 2016		Described from the Morona River, Marañón, Peru.
638	*Henonemus macrops* (Steindachner 1882)	4.9	small	N.E.	INHS 52724			Described from the Amazon basin, Brazil.
639	*Henonemus punctatus* (Boulenger 1887)	7.2	small	N.E.	RON 55822; UF 126174	Quezada et al. 2017		Described from Canelos, Pastaza, Ecuador.
640	*Henonemus taxistigma* (Fowler 1914)	7.2	small	N.E.	MZUSP 26420, USNM 358641, USNM 358642			Described from Guyana, needs review.
641	*Pseudostegophilus nemurus* (Günther 1869	12.3	medium	N.E.	MCP 34516; MZUSP 25980			Described from the Peruvian Amazon.
642	*Trichomycterus barbouri* (Eigenmann 1911)	9.0	small	N.E.	CAS 76933, ROM 55824			Described for the Beni River, needs review.
643	*Trichomycterus dispar* (Tschudi 1846)	9.0	small	N.E.	MHNN 767; ANSP 21174 ; ANSP 21355			Described from the high Andean rivers of Peru.
644	*Trichomycterus megantoni* Fernández & Quispe Chuquihuamaní 2007	10.1	medium	LC	MUSM 29631		Ucayali	Described for the Urubamba basin, Ucayali
645	*Trichomycterus oroyae* (Eigenmann & Eigenmann 1889)	9.0	small	N.E.	MCZ 3955		Ucayali	Described for the Oroya River, Perené Basin, near Tarma, Peru (Eigenmann 1918), erroneously placed as Brazil by Ferraris (2007).
646	*Trichomycterus rivulatus* Valenciennes 1846	30.7	large	NT	MNHN B-0608		Ucayali	Described for Lake Titicaca and Apurimac river tributaries, described for the Ucayali basin as *Trichomycterus pentlandi* Castelnau 1855
647	*Trichomycterus taeniops* Fowler 1954	9.0	small	EN	ANSP 71638		Ucayali	Described for Tarma, Ucayali, also described as *Pygidium tenue* Fowler 1945 for the same locality.
648	*Trichomycterus weyrauch*i (Fowler 1945)	9.0	small	EN	ANSP 71639		Ucayali	Described for Tarma, Ucayali.
649	*Tridensimilis brevis* (Eigenmann & Eigenmann 1889)	2.5	miniature	N.E.	AMNH 78075	Datovo et al. 2016		Described for Tabatinga, border between Peru and Brazil

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650	*Tridentopsis pearsoni* Myers 1925	2.3	miniature	N.E.	NRM 13509, NRM 24773, USNM 204057, USNM 204058			Described for Lake Rogoaguado, Beni, Bolivia.
651	*Vandellia cirrhosa* Valenciennes 1846	17.0	medium	N.E.	MNHN A-3609; MNHN A-6309		Synonym in Ucayali	Unknown type locality, described for the Ucayali basin as *Vandellia plazae* Günther 1864 and *Vandellia plazaii* Castelnau 1855.
	Synbranchiformes							
	Synbranchidae							
652	*Synbranchus lampreia* Favorito, Zanata & Assumpção 2005	31.2	large	N.E.	MCP 37384, MCP 26198, MCP 26193			Described for Marajó, Pará, Brazil
653	*Synbranchus madeirae* Rosen & Rumney 1972	82.0	large	N.E.	UF 129102, UF 129404, UF 129408, UF 148057, UF 147812, USNM 273619			Described for the Beni River, Bolivia.
654	*Synbranchus marmoratus* Bloch 1795	123.0	giant	N.E.	MUSM 1326; MUSM 13434			Described for Suriname, needs review.
	Carangiformes							
	Achiridae							
655	*Apionichthys finis* (Eigenmann 1912)	8.8	small	N.E.	MUSM 897; MUSM 35511	Ramos 2003; Carvalho et al. 2011		Described for Guyana, needs review.
656	*Apionichthys nattereri* (Steindachner 1876)	23.4	medium	LC	ANSP 68640			Described for the Rio Negro, Brazil.
657	*Apionichthys rosai* Ramos 2003	3.5	small	N.E.	MZUSP 25992	Ramos 2003	Ucayali	Described for the Solimões River, Brazil, with paratypes collected in the Ucayali basin.
658	*Hypoclinemus mentalis* (Günther 1862)	21.6	medium	N.E.	MZUSP 26275, MZUSP 26194, MZUSP 26276			Described from Pará, Amazon basin, Brazil
	Cichliformes							
	Cichlidae							
659	*Acaronia nassa* (Heckel 1840)	15.4	medium	N.E.	ANSP 68681		Synonym in Ucayali	Described as *Apistogramma ambloplitoides* Fowler 1940 for Ucayali.
660	*Aequidens diadema* (Heckel 1840)	11.8	medium	N.E.	MHNG 2233.84; ZMB 31571; MHNG 2233.90			Described from Marabitanos, Río Negro, Venezuela.
661	*Aequidens patricki* Kullander 1984	11.6	medium	LC	MHNG 2163.93; ZFMK 10766-1076; MHNG 2205.09		Ucayali	Described from Aguaytia, Ucayali.

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662	*Aequidens tetramerus* (Heckel 1840)	16.2	medium	N.E.	MHNG 2205.19; MHNG 2233.79		Synonym in Ucayali	Described for the Branco River, Brazil, in Peru it was described as *Acaronia trimaculata* Allen 1942 for Iquitos and *Chromys uniocellata* Castelnau 1855, for the Ucayali basin. Species needs review. Both junior synonymy.
663	*Apistogramma agassizii* (Steindachner 1875)	4.2	small	N.E.	MHNG 1583.49-50; MZUSP 26095, MZUSP 26463			Described for Amazonia, Brazil.
664	*Apistogramma bitaeniata* Pellegrin 1936.	4.6	small	N.E.	MZUSP 26465	Quezada et al. 2017		Described for the Madeira River, Brazil, in Peru were described *Apistogramma kleei* Meinken 1964 for Peruvian Amazon, and *Apistogramma sweglesi* for Leticia, border between Peru and Colombia, both species synonymous junior.
665	*Apistogramma cacatuoides* Hoedeman 1951	5.0	small	N.E.	MHNG 2233.35; MZUSP 26021, MZUSP 26096; ZMH 3239A	Kullander 1986		Described for the Amazon basin, in Peru it was described as *Apistogramma marmoratus* Dunker 1960, from material imported from aquarism. Junior synonymy.
666	*Apistogramma eremnopyge* Ready & Kullander 2004	3.4	small	LC	CAS 219472, CAS 219479, CAS 219485			Described from the Pintuyacu River, Itaya, Loreto.
667	*Apistogramma eunotus* Kullander 1981	5.3	small	N.E.	ZFMK 10772;MHNG 2233.32; MZUSP 26003, MZUSP 26097		Ucayali	Described from Pucallpa, Ucayali.
668	*Apistogramma nijsseni* Kullander 1979	3.9	small	DD	MHNG 1595.82; MHNG 2094.34-37		Ucayali	Described by Jenaro Herrera, Ucayali.
669	*Apistogramma panduro* Römer, 1997	4.9	small	LC	ZFMK 18610		Ucayali	Described by Jenaro Herrera, Ucayali.
670	*Apistogrammoides pucallpaensis* Meinken 1965	2.7	small	N.E.	SMF 7565; MHNG 2233.46		Ucayali	Described from Pucallpa, Ucayali.
671	*Astronotus ocellatus* (Agassiz 1831)	37.5	large	N.E.	MZUSP 26320; ANSP 73164			Unknown type locality in Peru it was described as *Acara compressus* Cope 1872 for the Ampiyacu basin and *Acara hypostícta* Cope 1878 from Peru, both species synonymous with junior.
672	*Biotodoma cupido* (Heckel 1840)	11.7	medium	N.E.	ANSP 88186; CAS 57459			Described for the Begro River and Guaporé River, Brazil.
673	*Bujurquina apoparuana* Kullander 1986	7.7	small	LC	FMNH 84269; NRM 11299		Ucayali	Described from Pucallpa, Ucayali.
674	*Bujurquina hophrys* Kullander 1986	8.5	small	LC	NRM 17585; MHNG 2233.64		Ucayali	Described for the Pachitea basin, Ucayali.

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675	*Bujurquina labiosa* Kullander 1986	5.5	small	LC	NRM 17589		Ucayali	Described from the Chinipo River, Ucayali.
676	*Bujurquina megalospilus* Kullander 1986	7.1	small	LC	NRM 17591; MHNG 2205.21		Ucayali	Described for the Pachitea basin, Ucayali.
677	*Bujurquina moriorum* Kullander 1986	9.7	small	LC	NRM 17572; MZUSP 16208; MHNG 2233.68		Ucayali	Described from the Carahuayte ravine, Ucayali.
678	*Bujurquina robusta* Kullander 1986	8.8	small	DD	NRM 17583; MUSM 35445		Ucayali	Described from the Chinipo River, Ucayali.
679	*Bujurquina syspilus* (Cope 1872)	10.3	medium	LC	CAS 57448	Kullander 1986		Described from the Ambyiacu basin, Peru.
680	*Chaetobranchus flavescens* Heckel 1840	21.0	medium	N.E.	MNHN A-9487; ANSP 73171		Synonym in Ucayali	Described as *Chromys ucayalensis* Castelnau 1855 for Ucayali.
681	*Cichla monoculus* Spix & Agassiz 1831	70.0	large	N.E.	USNM 167757	Kullander 1986		Described from Brazil, in Peru it was described as *Cichla bilineatus* Nakashima 1941, unknown type material. Junior synonymy.
682	*Cichla ocellaris* Bloch & Schneider 1801	60.7	large	N.E.	ANSP 88379, CAS 77982, USNM 167756			Described for Suriname, needs review.
683	*Cichla temensis* Humboldt 1821	81.2	large	N.E.	FMNH 70462, FMNH 70463			Described for Rio Temi, Venezuela, with several synonyms for the Amazon basin.
684	*Cichlasoma amazonarum* Kullander 1983	11.4	medium	N.E.	MHNG 2205.20	Kullander 1986		Described for the Ampiyacu basin, Peru.
685	*Cichlasoma bimaculatum* (Linnaeus 1758)	12.3	medium	N.E.	MZUSP 16198, MZUSP 26690			Described for Brazil and Suriname, needs review.
686	*Crenicara punctulata* (Günther 1863)	10.0	medium	N.E.	ZMH 3239	Kullander 1986		Described from Essequibo, Guyana, in Peru was described as *Aequidens hercules* Allen 1942 for the Morona River, currently synonym junior, needs review.
687	*Crenicichla anthurus* Cope 1872	22.4	medium	LC	MHNG 2205.22; MZUSP 26100, MZUSP 26101	Kullander 1986		Described from the Ampiyacu basin.
688	*Crenicichla cyanonotus* Cope 1870	14.8	medium	N.E.	ZFMK 2251, ZFMK 2252	Kullander 1986		Described near Pebas, Peru.
689	*Crenicichla johanna* Heckel 1840	28.3	medium	N.E.	USNM 167760			Described from the Guaporé River, Brazil.
690	*Crenicichla lepidota* Heckel 1840	17.1	medium	LC	MZUSP 16215, MZUSP 26273			Described from the Guaporé River, Brazil.
691	*Crenicichla lucius* Cope 1870	16.8	medium	N.E.	MHNG 2233.82; MHNG 2233.18	Kullander 1986		Described from the Marañón basin, Peru.
692	*Crenicichla proteus* Cope 1872	15.5	medium	N.E.	FMNH 84259; ANSP 68684; MUSM 35447; MHNG 2205.13; ANSP 68684		Synonym in Ucayali	Described for the Ampiyacu basin, Peru, it was described as *Batrachops nemopterus* Fowler 1940 for Ucayali

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693	*Crenicichla reticulata* (Heckel 1840)	21.6	medium	N.E.	MZUSP 26271, MZUSP 26658			Described from the Amazon basin, Manaus, Brazil, in Peru described as *Crenicihla elegans* Steindachner 1881 for Peruvian Amazon.
694	*Crenicichla saxatilis* (Linnaeus 1758)	20.0	medium	N.E.	LACM 37443-6, ANSP 119918, FMNH 70453, MZUSP 16189, MCP 37386, AUM 28209			Described from Suriname, needs review.
695	*Crenicichla sedentaria* Kullander 1986	22.1	medium	LC	USNM 229057; MUSM 35734		Ucayali	Described from the Palcazú River, Ucayali.
696	*Geophagus proximus* (Castelnau 1855)	35.2	large	N.E.	MNHN A-9510	Kullander 1986	Ucayali	Described from the Ucayali River, Peru.
697	*Heros severus* Heckel 1840	20.0	medium	N.E.	CAS 68095, NHMUK 1881.5.13.128, ANSP 84190, FMNH 111449, ROM 55446, USNM 284435, MZUSP 26129			Described from Maribitanos, Río Negro, Venezuela, needs review.
698	*Heros efasciatus* Heckel, 1840	17.0	medium	N.E.	MNHN A-9483; MZUSP 26129, MZUSP 26130	Kullander 1986	Synonym in Ucayali	Described from the Negro River, Brazil, in Peru described as *Chromys appendiculata* Castelnau 1855 for Ucayali and *Uarus centrarchoides* Cope 1872 for the Ampiyacu basin, both synonymous with junior.
699	*Hypselecara temporalis* (Günther 1862)	15.0	medium	N.E.	MHNG 2233.53; MZUSP 26689	Kullander 1986		Described for Brazil, with junior synonyms for Guyana, needs review.
700	*Laetacara flavilabris* (Cope 1870)	8.2	small	N.E.	MHNG 2233.59; MZUSP 26094, MZUSP 26214	Kullander 1986		Described for Pebas, Peru, also in the same basin it was described as *Acara freniferus* Cope 1872, synonymous junior.
701	*Laetacara thayeri* (Steindachner 1875)	9.8	small	N.E.	MHNG 2233.57.	Kullander 1986		Described for Manaus, Brazil.
702	*Mesonauta festivus* (Heckel 1840)	12.1	medium	N.E.	MZUSP 16183			Described for the Guaporé River, Madeira, Brazil.
703	*Mesonauta insignis* (Heckel 1840)	9.4	small	N.E.	ANSP 68680; MHNG 2205.14	Kullander 1986		Described for the Negro River, Brazil.
704	*Mesonauta mirificus* Kullander & Silfvergrip 1991	9.7	small	LC	MUSM 3049; MCP 44245			Described for the Napo River, Peru.
705	*Pterophyllum scalare* (Schultze 1823)	7.5	small	N.E.	MHNG 2233.49 ; MZUSP 16184	Kullander 1986		Described for the Amazon basin, Brazil.
706	*Satanoperca jurupari* (Heckel 1840)	18.5	medium	N.E.	MZUSP 26131; ANSP 96064			Described for the Negro River, Brazil.

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707	*Tahuantinsuyoa chipi* Kullander 1991	8.2	small	VU	ROM 58725		Ucayali	Described from the Llullapichis River, Pachitea, Ucayali.
708	*Tahuantinsuyoa macantzatza* Kullander 1986	9.8	small	DD	MZUSP 16212; FMNH 84273		Ucayali	Described from Aguaytia, Ucayali.
	Cyprinodontiformes							
	Cyprinodontidae							
709	*Orestias agassii* Valenciennes 1846	5.7	small	N.E.	BMNH 1944.6.6.152-156; FMNH 89062; CAS 46348; USNM 167729	Parenti 1984	Synonym in Ucayali	Described from the Corocoro River, Peru, described as *Orestias langui* Tchernavin 1944 for Ucayali
710	*Orestias empyraeus* Allen 1942	8.2	small	NT	CAS 44195		Ucayali	Described from Lake Junin, Ucayali Basin.
711	*Orestias jussiei* Valenciennes 1846	7.0	small	N.E.	MNHN A.9599		Ucayali	Described from the Guasacona River, Urubamba Basin.
712	*Orestias munda* Parenti 1984	4.9	small	N.E.	FMNH 41135		Ucayali	Described from the Urubambda basin, Cusco, Peru.
713	*Orestias pentlandii* Valenciennes 1846	19.3	medium	VU	MCZ 3941	Parenti 1984		Described as Lake Titicaca, with presence in the Urubamba basin.
714	*Orestias polonorum* Tchernavin 1944	11.9	medium	EN	BMNH 1944.6.6.223		Ucayali	Described from Lake Junin, Ucayali Basin.
	Rivulidae							
715	*Anablepsoides atratus* (Garman 1895)	3.3	small	N.E.	ROM 69306			Described from the Jutahy River, Amazon, Brazil.
716	*Anablepsoides elongatus* (Fels & de Rham 1981)	4.1	small	NT	MHNG 2079.63; MZUSP 26211		Ucayali	Described from San Alejandro, Aguaytia Basin, Ucayali.
717	*Anablepsoides iridescens* (Fels & de Rham 1981)	6.2	small	LC	MHNG 2079.57		Ucayali	Described by Jenaro Herrera, Ucayali.
718	*Anablepsoides ornatus* (Garman 1895)	3.3	small	N.E.	MCP 37428, MCP 37495			Described from Lake Aleixo, Amazonas, Brazil.
719	*Anablepsoides rubrolineatus* (Fels & de Rham 1981)	5.3	small	LC	MHNG 2079.46		Ucayali	Described by Jenaro Herrera, Ucayali
720	*Moema peruensis* (Myers 1954)	8.2	small	DD	MZUSP 38394			Described for Loreto, Peru, near Leticia.
721	*Moema wischmanni* (Seegers 1983)	10.7	medium	DD	ZFMK 11534		Ucayali	Described from the Chipira River, Ucayali
	Beloniformes							
	Belonidae							
722	*Potamorrhaphis guianensis* (Jardine 1843)	23.9	medium	N.E.	MZUSP 26195	Collete 1974		Described from the Paduiri River, Guyana
723	*Potamorrhaphis labiata* Sant'Anna, Delapieve & Reis 2012	23.8	medium	N.E.	MCP 44231, AMNH 78062		Ucayali	Described for Juruá, Brazil, with paratypes from the Ucayali basin.

N	Order/Family/Current status	LS max (cm)	body	IUCN	Voucher	Reference	Type locality	Remark
724	*Pseudotylosurus angusticeps* (Günther 1866)	29.8	medium	N.E.	MUSM 35510; MZUSP 26497, MZUSP 26735; CAS-IU 16161	Carvalho et al. 2011, Collete 1974		Described for the Coast of Ecuador, but cited by Collete (1974) for the Amazon basin, Ucayali, needs review.
725	*Pseudotylosurus microps* (Günther 1866)	40.7	large	N.E.	UF 126012, USNM 261482			Described from Suriname.
	Perciformes							
	Polycentridae							
726	*Monocirrhus polyacanthus* Heckel 1840	8.0	small	N.E.	ANSP 68639, MCP 37387			Described from Pará, Brazil, in Peru was described as *Monocirrhus mimophyllus* Eigenmann & Allen 1921, synonym junior, needs review.
	Sciaenidae							
727	*Pachypops fourcroi* (Lacepède 1802)	20.5	medium	N.E.	UF 126248			Unknown type locality, probably Suriname.
728	*Pachyurus gabrielensis* Casatti 2001	14.6	medium	N.E.	MZUSP 25988; MZUSP 26384		Ucayali	Described from the Negro River, Brazil, with paratypes distributed in Aguaytia, Ucayali basin, Peru, needs review.
729	*Pachyurus schomburgkii* Günther 1860	20.9	medium	N.E.	USNM 280602			Described from Pará, Amazon basin, Brazil.
730	*Plagioscion auratus* (Castelnau, 1855)	34.6	large	N.E.	MNHN 7622		Ucayali	Described for the Ucayali basin
731	*Plagioscion montei* Soares & Casatti 2000	28.4	medium	N.E.	INPA 12891	Soares & Casatti 2000		Described for the Solimões River, Brazil.
732	*Plagioscion squamosissimus* (Heckel 1840)	68.7	large	N.E.	ANSP 96044; ANSP 120334			Described for the Negro River, Brazil.
	Tetraodontiformes							
	Tetraodontidae							
733	*Colomesus asellus* (Müller & Troschel 1849)	12.8	medium	N.E.	UF 125990, UF 126028, MZUSP 26140, MZUSP 26426			Described for Guyana, needs review.
	Ceratodontiformes							
	Lepidosirenidae							
734	*Lepidosiren paradoxa* Fitzinger 1837	102.5	giant	N.E.	UF 129235; UF 129484		Synonym in Ucayali	Described as Lepidosiren dissimilis Castelnau 1855 for Ucayali.